

## IV. PROYECTOS DE INFRAESTRUCTURA PRODUCTIVA DE LARGO PLAZO (PIDIREGAS)

**Avance Financiero y Físico de Proyectos de Infraestructura Productiva de Largo Plazo en Construcción** <sup>P-/</sup>  
**Con base en los artículos 107, fracción I, inciso d) de la Ley Federal de Presupuesto y Responsabilidad  
 Hacendaria y 205 de su Reglamento**  
**Comisión Federal de Electricidad**  
**Enero – junio 2019**  
 (Millones de pesos a precios de 2019)

| No. | Nombre del proyecto                                              | Estado del Proyecto               | Costo Total Autorizado<br>2/ | Acumulado 2018<br>2/ | Avance Financiero 2019 |                 |                  |             | Acumulado 2018 | Avance Físico 2019 |           |                 |
|-----|------------------------------------------------------------------|-----------------------------------|------------------------------|----------------------|------------------------|-----------------|------------------|-------------|----------------|--------------------|-----------|-----------------|
|     |                                                                  |                                   |                              |                      | Estimada<br>2/         | Realizada<br>3/ | Acumulada        | %           |                | Estimada Anual     | Realizada | Acumulada       |
|     |                                                                  |                                   | (2)                          | (3)                  | (4)                    | (5)             | (6)=(3+5)        | (7=6/2)     | (8)            | (9)                | (10)      | (11)=<br>(8+10) |
|     | <b>Total</b>                                                     |                                   | <b>454,817.9</b>             | <b>138,508.2</b>     | <b>49,654.2</b>        | <b>3,026.7</b>  | <b>141,534.9</b> | <b>31.1</b> |                |                    |           |                 |
|     | <b>Aprobados en Ejercicios Fiscales Anteriores</b>               |                                   | <b>454,817.9</b>             | <b>138,508.2</b>     | <b>49,654.2</b>        | <b>3,026.7</b>  | <b>141,534.9</b> | <b>31.1</b> |                |                    |           |                 |
|     | <b>Inversión Directa</b>                                         |                                   | <b>319,934.2</b>             | <b>108,268.6</b>     | <b>40,139.1</b>        | <b>876.4</b>    | <b>109,145.0</b> | <b>34.1</b> |                |                    |           |                 |
|     | <b>Aprobados en 2006</b>                                         |                                   | <b>16,317.4</b>              | <b>12,949.8</b>      | <b>463.9</b>           | <b>0.0</b>      | <b>12,949.8</b>  | <b>79.4</b> |                |                    |           |                 |
| 171 | CC Agua Prieta II (con campo solar)                              | Varias (Cierre y otras)           | 10,931.4                     | 8,991.6              | 38.3                   | 0.0             | 8,991.6          | 82.3        | 99.9           | 0.1                | 0.0       | 99.9            |
| 188 | SE 1116 Transformación del Noreste                               | Varias (Cierre y otras)           | 5,386.0                      | 3,958.2              | 425.6                  | 0.0             | 3,958.2          | 73.5        | 85.8           | 14.2               | 0.0       | 85.8            |
|     | <b>Aprobados en 2007</b>                                         |                                   | <b>8,980.4</b>               | <b>6,881.2</b>       | <b>10.8</b>            | <b>102.7</b>    | <b>6,983.9</b>   | <b>77.8</b> |                |                    |           |                 |
| 209 | SE 1212 SUR - PENINSULAR                                         | Varias (Cierre y otras)           | 2,546.0                      | 1,196.5              | 10.8                   | 0.0             | 1,196.5          | 47.0        | 67.8           | 0.4                | 0.0       | 67.8            |
| 212 | SE 1202 Suministro de Energía a la Zona Manzanillo <sup>1/</sup> | Varias (Cierre y otras)           | 656.4                        | 656.4                | 0.0                    | 0.0             | 656.4            | 100.0       | 88.5           | 0.0                | 0.0       | 88.5            |
| 213 | SE 1211 NORESTE – CENTRAL <sup>1/</sup>                          | Terminado Totalmente              | 1,162.9                      | 1,059.5              | 0.0                    | 102.7           | 1,162.3          | 99.9        | 86.6           | 0.0                | 13.4      | 100.0           |
| 214 | SE 1210 NORTE - NOROESTE <sup>1/</sup>                           | Varias (Cierre y otras)           | 4,615.1                      | 3,968.8              | 0.0                    | 0.0             | 3,968.8          | 86.0        | 99.9           | 0.0                | 0.0       | 99.9            |
|     | <b>Aprobados en 2008</b>                                         |                                   | <b>2,647.5</b>               | <b>1,285.5</b>       | <b>549.1</b>           | <b>0.0</b>      | <b>1,285.5</b>   | <b>48.6</b> |                |                    |           |                 |
| 242 | SE 1323 DISTRIBUCION SUR <sup>1/</sup>                           | Varias (Cierre y otras)           | 859.8                        | 463.2                | 0.0                    | 0.0             | 463.2            | 53.9        | 53.9           | 0.0                | 0.0       | 53.9            |
| 245 | SE 1320 DISTRIBUCION NOROESTE                                    | Varias (Cierre y otras)           | 1,787.7                      | 822.3                | 549.1                  | 0.0             | 822.3            | 46.0        | 96.5           | 31.0               | 0.0       | 96.5            |
|     | <b>Aprobados en 2009</b>                                         |                                   | <b>10,204.1</b>              | <b>3,855.6</b>       | <b>37.2</b>            | <b>0.0</b>      | <b>3,855.6</b>   | <b>37.8</b> |                |                    |           |                 |
| 249 | SLT 1405 Subest y Líneas de Transmisión de las Áreas Sureste     | Varias (Cierre y otras)           | 1,098.7                      | 857.7                | 37.2                   | 0.0             | 857.7            | 78.1        | 100.0          | 1.0                | 0.0       | 100.0           |
| 257 | CCI Santa Rosalía II <sup>1/</sup>                               | Por Licitar sin cambio de alcance | 860.9                        | 0.0                  | 0.0                    | 0.0             | 0.0              | 0.0         | 0.0            | 0.0                | 0.0       | 0.0             |
| 258 | RM CT Altamira Unidades 1 y 2 <sup>1/</sup>                      | Construcción                      | 8,244.6                      | 2,998.0              | 0.0                    | 0.0             | 2,998.0          | 36.4        | 41.2           | 1.0                | 0.0       | 41.2            |
|     | <b>Aprobados en 2010</b>                                         |                                   | <b>9,873.7</b>               | <b>7,414.9</b>       | <b>38.3</b>            | <b>1.9</b>      | <b>7,416.8</b>   | <b>75.1</b> |                |                    |           |                 |
| 260 | SE SE 1520 DISTRIBUCION NORTE <sup>1/</sup>                      | Terminado Totalmente              | 200.9                        | 198.9                | 0.0                    | 1.9             | 200.9            | 100.0       | 30.8           | 0.0                | 69.2      | 100.0           |
| 261 | CCC Cogeneración Salamanca Fase I                                | Varias (Cierre y otras)           | 9,672.8                      | 7,216.0              | 38.3                   | 0.0             | 7,216.0          | 74.6        | 99.9           | 0.1                | 0.0       | 99.9            |
|     | <b>Aprobados en 2011</b>                                         |                                   | <b>25,427.5</b>              | <b>16,357.4</b>      | <b>1,359.1</b>         | <b>113.9</b>    | <b>16,471.3</b>  | <b>64.8</b> |                |                    |           |                 |
| 264 | CC Centro                                                        | Varias (Cierre y otras)           | 14,092.1                     | 11,436.8             | 19.1                   | 0.0             | 11,436.8         | 81.2        | 99.9           | 0.2                | 0.0       | 99.9            |
| 266 | SLT 1603 Subestación Lago                                        | Varias (Cierre y otras)           | 3,403.4                      | 1,491.3              | 1,021.7                | 103.0           | 1,594.3          | 46.8        | 84.2           | 1.5                | 7.1       | 91.3            |
| 268 | CCI Guerrero Negro IV                                            | Construcción                      | 395.0                        | 325.4                | 63.5                   | 10.7            | 336.1            | 85.1        | 81.8           | 16.1               | 3.1       | 85.0            |
| 273 | SE 1621 Distribución Norte-Sur                                   | Varias (Cierre y otras)           | 1,975.7                      | 596.3                | 240.0                  | 0.0             | 596.3            | 30.2        | 30.2           | 12.1               | 0.0       | 30.2            |
| 274 | SE 1620 Distribución Valle de México                             | Varias (Cierre y otras)           | 5,561.4                      | 2,507.6              | 14.8                   | 0.2             | 2,507.8          | 45.1        | 62.3           | 0.3                | 0.0       | 62.3            |
|     | <b>Aprobados en 2012</b>                                         |                                   | <b>21,961.3</b>              | <b>9,883.9</b>       | <b>2,259.0</b>         | <b>113.9</b>    | <b>9,997.8</b>   | <b>45.5</b> |                |                    |           |                 |
| 278 | RM CT José López Portillo                                        | Varias (Cierre y otras)           | 4,642.2                      | 4,072.3              | 61.1                   | 24.4            | 4,096.7          | 88.2        | 98.7           | 1.4                | 1.2       | 100.0           |
| 280 | SLT 1721 DISTRIBUCIÓN NORTE                                      | Varias (Cierre y otras)           | 1,945.1                      | 367.1                | 557.1                  | 0.5             | 367.6            | 18.9        | 18.0           | 29.0               | 0.0       | 18.0            |
| 281 | LT Red de Transmisión Asociada al CC Noreste                     | Varias (Cierre y otras)           | 1,800.5                      | 1,506.0              | 921.5                  | 0.0             | 1,506.0          | 83.6        | 99.9           | 1.1                | 0.0       | 99.9            |
| 282 | SLT 1720 Distribución Valle de México                            | Varias (Cierre y otras)           | 1,148.7                      | 226.2                | 547.0                  | 0.0             | 226.2            | 19.7        | 24.7           | 48.0               | 0.0       | 24.7            |

## Avance Financiero y Físico de Proyectos de Infraestructura Productiva de Largo Plazo en Construcción <sup>P/J</sup> Con base en los artículos 107, fracción I, inciso d) de la Ley Federal de Presupuesto y Responsabilidad

Hacendaria y 205 de su Reglamento

Comisión Federal de Electricidad

Enero – junio 2019

(Millones de pesos a precios de 2019)

| No.                      | Nombre del proyecto                                                     | Estado del Proyecto                  | Costo Total Autorizado <sup>2/</sup> | Acumulado 2018 <sup>2/</sup> | Avance Financiero 2019 |                         |                 |             | Acumulado 2018 | Avance Físico 2019 |           |              |
|--------------------------|-------------------------------------------------------------------------|--------------------------------------|--------------------------------------|------------------------------|------------------------|-------------------------|-----------------|-------------|----------------|--------------------|-----------|--------------|
|                          |                                                                         |                                      |                                      |                              | Estimada <sup>2/</sup> | Realizada <sup>3/</sup> | Acumulada       | %           |                | Estimada Anual     | Realizada | Acumulada    |
|                          |                                                                         | (1)                                  | (2)                                  | (3)                          | (4)                    | (5)                     | (6)=(3+5)       | (7=6/2)     | (8)            | (9)                | (10)      | (11)= (8+10) |
| 283                      | LT Red de Transmisión Asociada al CC Norte III                          | Terminado Totalmente                 | 476.4                                | 323.6                        | 57.4                   | 74.7                    | 398.3           | 83.6        | 89.9           | 1.0                | 10.1      | 100.0        |
| 284                      | CG Los Humeros III <sup>1/</sup>                                        | Varias (Cierre y otras)              | 2,487.1                              | 823.2                        | 0.0                    | 0.0                     | 823.2           | 33.1        | 36.3           | 0.0                | 0.0       | 36.3         |
| 288                      | SLT 1722 Distribución Sur                                               | Varias (Cierre y otras)              | 888.3                                | 438.8                        | 114.8                  | 14.4                    | 453.2           | 51.0        | 48.5           | 13.0               | 2.7       | 51.2         |
| 289                      | CH Chicoasén II <sup>1/</sup>                                           | Construcción                         | 8,527.2                              | 2,126.6                      | 0.0                    | 0.0                     | 2,126.6         | 24.9        | 25.6           | 0.0                | 0.0       | 25.6         |
| 290                      | LT Red de transmisión asociada a la CH Chicoasén II <sup>1/</sup>       | Por Licitación sin cambio de alcance | 45.8                                 | 0.0                          | 0.0                    | 0.0                     | 0.0             | 0.0         | 0.0            | 0.0                | 0.0       | 0.0          |
| <b>Aprobados en 2013</b> |                                                                         |                                      | <b>47,609.9</b>                      | <b>27,915.9</b>              | <b>9,222.2</b>         | <b>427.1</b>            | <b>28,343.0</b> | <b>59.5</b> |                |                    |           |              |
| 296                      | CC Empalme I                                                            | Varias (Cierre y otras)              | 14,133.7                             | 9,117.8                      | 545.6                  | 4.3                     | 9,122.2         | 64.5        | 99.9           | 0.5                | 0.0       | 99.9         |
| 297                      | LT Red de Transmisión Asociada al CC Empalme I <sup>1/</sup>            | Varias (Cierre y otras)              | 2,754.3                              | 1,812.7                      | 0.0                    | 0.0                     | 1,812.7         | 65.8        | 99.9           | 0.0                | 0.0       | 99.9         |
| 298                      | CC Valle de México II                                                   | Construcción                         | 13,377.1                             | 7,679.7                      | 4,101.7                | 185.2                   | 7,865.0         | 58.8        | 94.3           | 1.0                | 2.3       | 96.6         |
| 300                      | LT Red de Transmisión Asociada al CC Topolobampo III                    | Construcción                         | 1,221.6                              | 314.8                        | 354.7                  | 153.5                   | 468.3           | 38.3        | 57.8           | 7.0                | 42.0      | 99.8         |
| 304                      | LT 1805 Línea de Transmisión Huasteca - Monterrey                       | Construcción                         | 4,770.7                              | 1,079.5                      | 2,498.9                | 0.0                     | 1,079.5         | 22.6        | 44.0           | 56.2               | 0.0       | 44.0         |
| 309                      | SLT 1820 Divisiones de Distribución del Valle de México                 | Terminado Totalmente                 | 1,838.4                              | 892.7                        | 559.3                  | 36.2                    | 928.9           | 50.5        | 48.6           | 30.0               | 51.4      | 100.0        |
| 310                      | SLT 1821 Divisiones de Distribución                                     | Varias (Cierre y otras)              | 2,240.3                              | 362.5                        | 452.7                  | 31.3                    | 393.7           | 17.6        | 15.5           | 20.0               | 2.6       | 18.1         |
| 311                      | RM CCC TULA PAQUETES 1 Y 2                                              | Varias (Cierre y otras)              | 6,766.6                              | 6,172.8                      | 582.2                  | 0.6                     | 6,173.3         | 91.2        | 99.8           | 8.6                | 0.0       | 99.8         |
| 312                      | RM CH TEMASCAL UNIDADES 1 A 4                                           | Varias (Cierre y otras)              | 507.2                                | 483.6                        | 127.1                  | 15.9                    | 499.4           | 98.5        | 98.5           | 8.5                | 0.0       | 98.5         |
| <b>Aprobados en 2014</b> |                                                                         |                                      | <b>25,790.5</b>                      | <b>16,578.6</b>              | <b>2,221.5</b>         | <b>20.9</b>             | <b>16,599.6</b> | <b>64.4</b> |                |                    |           |              |
| 313                      | CC Empalme II                                                           | Construcción                         | 13,884.7                             | 7,579.2                      | 2,220.7                | 11.0                    | 7,590.2         | 54.7        | 99.7           | 1.0                | 0.1       | 99.8         |
| 321                      | SLT 1920 Subestaciones y Líneas de Distribución                         | Varias (Cierre y otras)              | 1,124.4                              | 524.9                        | 0.8                    | 9.9                     | 534.8           | 47.6        | 46.6           | 0.6                | 0.9       | 47.5         |
| 322                      | SLT 1921 Reducción de Pérdidas de Energía en Distribución <sup>1/</sup> | Varias (Cierre y otras)              | 10,781.4                             | 8,474.5                      | 0.0                    | 0.0                     | 8,474.5         | 78.6        | 97.3           | 0.0                | 0.0       | 97.3         |
| <b>Aprobados en 2015</b> |                                                                         |                                      | <b>82,701.1</b>                      | <b>3,603.1</b>               | <b>12,715.7</b>        | <b>91.8</b>             | <b>3,695.0</b>  | <b>4.5</b>  |                |                    |           |              |
| 323                      | CC San Luis Potosí                                                      | Por Licitación sin cambio de alcance | 16,539.0                             | 0.0                          | 4,385.8                | 0.0                     | 0.0             | 0.0         | 0.0            | 40.0               | 0.0       | 0.0          |
| 324                      | LT Red de Transmisión Asociada al CC San Luis Potosí <sup>1/</sup>      | Por Licitación sin cambio de alcance | 475.1                                | 0.0                          | 0.0                    | 0.0                     | 0.0             | 0.0         | 0.0            | 0.0                | 0.0       | 0.0          |
| 325                      | CC Lerdo (Norte IV)                                                     | Por Licitación sin cambio de alcance | 19,259.7                             | 0.0                          | 5,750.2                | 0.0                     | 0.0             | 0.0         | 0.0            | 73.2               | 0.0       | 0.0          |
| 326                      | LT Red de Transmisión Asociada al CC Lerdo (Norte IV)                   | Por Licitación sin cambio de alcance | 3,055.2                              | 0.0                          | 810.2                  | 0.0                     | 0.0             | 0.0         | 0.0            | 26.5               | 0.0       | 0.0          |
| 327                      | CG Los Azufres III Fase II                                              | Construcción                         | 1,207.2                              | 828.9                        | 38.3                   | 7.7                     | 836.6           | 69.3        | 97.8           | 1.0                | 1.1       | 98.9         |
| 329                      | CG Cerritos Colorados Fase I <sup>1/</sup>                              | Por Licitación sin cambio de alcance | 1,246.5                              | 0.0                          | 0.0                    | 0.0                     | 0.0             | 0.0         | 0.0            | 0.0                | 0.0       | 0.0          |
| 330                      | CH Las Cruces                                                           | Por Licitación sin cambio de alcance | 11,223.2                             | 0.0                          | 1,223.3                | 0.0                     | 0.0             | 0.0         | 0.0            | 7.1                | 0.0       | 0.0          |
| 331                      | LT Red de transmisión asociada a la CH Las Cruces <sup>1/</sup>         | Por Licitación sin cambio de alcance | 515.4                                | 0.0                          | 0.0                    | 0.0                     | 0.0             | 0.0         | 0.0            | 0.0                | 0.0       | 0.0          |
| 332                      | CE Sureste II y III <sup>1/</sup>                                       | Por Licitación sin cambio de alcance | 20,648.4                             | 0.0                          | 0.0                    | 0.0                     | 0.0             | 0.0         | 0.0            | 0.0                | 0.0       | 0.0          |
| 334                      | LT Red de Transmisión Asociada a la CI Santa Rosalía II                 | Por Licitación sin cambio de alcance | 97.9                                 | 0.0                          | 7.0                    | 0.0                     | 0.0             | 0.0         | 0.0            | 7.1                | 0.0       | 0.0          |
| 336                      | SLT 2001 Subestaciones y Líneas Baja California Sur - Noroeste          | Varias (Cierre y otras)              | 2,461.8                              | 1,123.3                      | 102.9                  | 30.4                    | 1,153.8         | 46.9        | 95.3           | 0.6                | 4.5       | 99.8         |

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**Con base en los artículos 107, fracción I, inciso d) de la Ley Federal de Presupuesto y Responsabilidad**  
**Hacendaria y 205 de su Reglamento**  
**Comisión Federal de Electricidad**  
**Enero – junio 2019**

(Millones de pesos a precios de 2019)

| No.                                             | Nombre del proyecto                                             | Estado del Proyecto               | Costo Total Autorizado <sup>2./</sup> | Acumulado 2018 <sup>2./</sup> | Avance Financiero 2019  |                          |                 |             | Acumulado 2018 | Avance Físico 2019 |           |                                  |
|-------------------------------------------------|-----------------------------------------------------------------|-----------------------------------|---------------------------------------|-------------------------------|-------------------------|--------------------------|-----------------|-------------|----------------|--------------------|-----------|----------------------------------|
|                                                 |                                                                 |                                   |                                       |                               | Estimada <sup>2./</sup> | Realizada <sup>3./</sup> | Acumulada       | %           |                | Estimada Anual     | Realizada | Acumulada <sup>(11)=(8+10)</sup> |
|                                                 |                                                                 | (1)                               | (2)                                   | (3)                           | (4)                     | (5)                      | (6)=(3+5)       | (7)=6/2     | (8)            | (9)                | (10)      |                                  |
| 337                                             | SLT 2002 Subestaciones y Líneas de las Áreas Norte - Occidental | Varias (Cierre y otras)           | 2,782.6                               | 1,278.3                       | 59.3                    | 0.0                      | 1,278.3         | 45.9        | 97.6           | 1.5                | 1.8       | 99.4                             |
| 338                                             | SLT SLT 2020 Subestaciones, Líneas y Redes de Distribución      | Varias (Cierre y otras)           | 3,189.2                               | 372.6                         | 338.6                   | 53.7                     | 426.3           | 13.4        | 11.7           | 11.0               | 1.7       | 13.4                             |
| <b>Aprobados en 2016</b>                        |                                                                 |                                   | <b>68,420.7</b>                       | <b>1,542.5</b>                | <b>11,262.2</b>         | <b>4.1</b>               | <b>1,546.7</b>  | <b>2.3</b>  |                |                    |           |                                  |
| 340                                             | CC San Luis Río Colorado I                                      | Por Licitar sin cambio de alcance | 4,724.3                               | 0.0                           | 170.3                   | 0.0                      | 0.0             | 0.0         | 0.0            | 3.6                | 0.0       | 0.0                              |
| 341                                             | LT Red de Transmisión Asociada al CC San Luis Río Colorado I    | Por Licitar sin cambio de alcance | 245.5                                 | 0.0                           | 5.5                     | 0.0                      | 0.0             | 0.0         | 0.0            | 49.0               | 0.0       | 0.0                              |
| 342                                             | CC Guadalajara I                                                | Por Licitar sin cambio de alcance | 17,150.9                              | 0.0                           | 3,946.1                 | 0.0                      | 0.0             | 0.0         | 0.0            | 33.0               | 0.0       | 0.0                              |
| 343                                             | LT Red de Transmisión Asociada al CC Guadalajara I              | Por Licitar sin cambio de alcance | 934.4                                 | 0.0                           | 107.5                   | 0.0                      | 0.0             | 0.0         | 0.0            | 11.5               | 0.0       | 0.0                              |
| 344                                             | CC Mazatlán                                                     | Por Licitar sin cambio de alcance | 12,972.1                              | 0.0                           | 4,699.3                 | 0.0                      | 0.0             | 0.0         | 0.0            | 10.0               | 0.0       | 0.0                              |
| 345                                             | LT Red de Transmisión Asociada al CC Mazatlán <sup>1./</sup>    | Por Licitar sin cambio de alcance | 2,554.1                               | 0.0                           | 0.0                     | 0.0                      | 0.0             | 0.0         | 0.0            | 0.0                | 0.0       | 0.0                              |
| 346                                             | CC Mérida                                                       | Por Licitar sin cambio de alcance | 12,868.4                              | 0.0                           | 1,663.2                 | 0.0                      | 0.0             | 0.0         | 0.0            | 0.0                | 0.0       | 0.0                              |
| 347                                             | CC Salamanca                                                    | Por Licitar sin cambio de alcance | 12,658.1                              | 0.0                           | 145.0                   | 0.0                      | 0.0             | 0.0         | 0.0            | 8.2                | 0.0       | 0.0                              |
| 348                                             | SE 2101 Compensación Capacitiva Baja - Occidental               | Construcción                      | 211.7                                 | 0.0                           | 65.3                    | 0.0                      | 0.0             | 0.0         | 0.0            | 15.0               | 0.0       | 0.0                              |
| 349                                             | SLT SLT 2120 Subestaciones y Líneas de Distribución             | Varias (Cierre y otras)           | 1,589.0                               | 114.3                         | 451.5                   | 0.0                      | 114.3           | 7.2         | 7.2            | 28.0               | 0.2       | 7.4                              |
| 350                                             | SLT SLT 2121 Reducción de Pérdidas de Energía en Distribución   | Varias (Cierre y otras)           | 2,512.1                               | 1,428.2                       | 8.6                     | 4.1                      | 1,432.3         | 57.0        | 97.6           | 0.3                | 0.2       | 97.8                             |
| <b>Inversión Condicionada Aprobados en 2011</b> |                                                                 |                                   | <b>134,883.7</b>                      | <b>30,239.6</b>               | <b>9,515.1</b>          | <b>2,150.4</b>           | <b>32,389.9</b> | <b>24.0</b> |                |                    |           |                                  |
| 38                                              | CC Norte III (Juárez)                                           | Construcción                      | 19,696.1                              | 9,017.9                       | 846.2                   | 955.1                    | 9,973.0         | 50.6        | 83.8           | 7.9                | 8.8       | 92.6                             |
| 40                                              | CE Sureste I <sup>1./</sup>                                     | Varias (Cierre y otras)           | 10,775.4                              | 2,998.0                       | 0.0                     | 0.0                      | 2,998.0         | 27.8        | 34.5           | 0.0                | 0.0       | 34.5                             |
| <b>Aprobados en 2012</b>                        |                                                                 |                                   | <b>40,749.6</b>                       | <b>12,834.0</b>               | <b>72.5</b>             | <b>142.4</b>             | <b>12,976.4</b> | <b>31.8</b> |                |                    |           |                                  |
| 42                                              | CC Noroeste                                                     | Construcción                      | 12,551.3                              | 6,254.2                       | 6.4                     | 107.8                    | 6,362.0         | 50.7        | 96.5           | 0.1                | 2.8       | 99.4                             |
| 43                                              | CC Noreste                                                      | Terminado Totalmente              | 28,198.3                              | 6,579.7                       | 66.1                    | 34.6                     | 6,614.3         | 23.5        | 99.5           | 1.0                | 0.5       | 100.0                            |
| <b>Aprobados en 2013</b>                        |                                                                 |                                   | <b>43,289.3</b>                       | <b>5,389.7</b>                | <b>5,886.7</b>          | <b>1,052.9</b>           | <b>6,442.6</b>  | <b>14.9</b> |                |                    |           |                                  |
| 45                                              | CC Topolobampo III                                              | Construcción                      | 12,077.6                              | 5,389.7                       | 1,865.9                 | 1,052.9                  | 6,442.6         | 53.3        | 69.9           | 26.0               | 19.8      | 89.7                             |
| 303                                             | LT LT en Corriente Directa Ixtpec Potencia-Yautepec Potencia    | Fallo y adjudicación              | 31,211.7                              | 0.0                           | 4,020.7                 | 0.0                      | 0.0             | 0.0         | 0.0            | 12.9               | 0.0       | 0.0                              |
| <b>Aprobados en 2015</b>                        |                                                                 |                                   | <b>20,373.3</b>                       | <b>0.0</b>                    | <b>2,709.7</b>          | <b>0.0</b>               | <b>0.0</b>      | <b>0.0</b>  |                |                    |           |                                  |
| 49                                              | CE Sureste IV y V                                               | Por Licitar sin cambio de alcance | 20,373.3                              | 0.0                           | 2,709.7                 | 0.0                      | 0.0             | 0.0         | 0.0            | 13.3               | 0.0       | 0.0                              |

p./ Cifras preliminares. Las sumas de los parciales pueden no coincidir con los totales debido al redondeo.

1./ Se consideran los proyectos que tienen previstos recursos en el PEF 2019, así como aquellos proyectos que no tienen monto estimado en el PEF 2019, pero continúan en etapa de varias cierre y otras por lo que se incluye su seguimiento.

2./ El tipo de cambio utilizado fue de 19.1442 pesos por dólar correspondiente al cierre de junio de 2019.

3./ Los tipos de cambio promedio de fecha de liquidación utilizados fueron 19.2154 (enero), 19.1902 (febrero), 19.2339 (marzo), 19.0231 (abril), 19.0883 (mayo) y 19.2912 (junio) pesos por dólar, publicados por el Banco de México (Banxico).

Fuente: Comisión Federal de Electricidad.

**Flujo neto de proyectos de infraestructura productiva de largo plazo de inversión directa en operación <sup>P./</sup>**  
**Con base en los artículos 107, fracción I, inciso d) de la Ley Federal de Presupuesto y Responsabilidad**  
**Hacendaria y 205 de su Reglamento**  
**Comisión Federal de Electricidad**  
**Enero – junio 2019**  
 (Millones de pesos a precios de 2019)

| Presupuesto                       |                                                        |                                                                    |                                                   |                 |                |            |                                                                    |                                                   |                  |                   |            |             | Ejercido |  |  |  |  |
|-----------------------------------|--------------------------------------------------------|--------------------------------------------------------------------|---------------------------------------------------|-----------------|----------------|------------|--------------------------------------------------------------------|---------------------------------------------------|------------------|-------------------|------------|-------------|----------|--|--|--|--|
| Nombre del proyecto <sup>1/</sup> |                                                        | Gasto                                                              |                                                   |                 |                | Flujo Neto | Ingresos                                                           |                                                   | Gasto            |                   |            | Variación % |          |  |  |  |  |
|                                   |                                                        | Programable                                                        |                                                   |                 | No Programable |            | Programable                                                        |                                                   |                  | No Programable    | Flujo Neto |             |          |  |  |  |  |
|                                   |                                                        | Amortiza-<br>ciones y<br>Gastos de<br>Operación y<br>Mantenimiento | Inversión<br>Presu-<br>puesta-<br>ria<br>Asociada |                 |                |            | Amortiza-<br>ciones y<br>Gastos de<br>Operación y<br>Mantenimiento | Inversión<br>Presu-<br>puesta-<br>ria<br>Asociada |                  |                   |            |             |          |  |  |  |  |
| (1)                               | (2)                                                    | (3)                                                                | (4)                                               | (5=<br>1-2-3-4) | (6)            | (7)        | (8)                                                                | (9)                                               | (10=<br>6-7-8-9) | (11=<br>(10-5)/5) |            |             |          |  |  |  |  |
|                                   | Total                                                  | 74,196.9                                                           | 29,746.8                                          | 0.0             | 3,839.8        | 40,610.4   | 71,354.4                                                           | 10,939.7                                          | 0.0              | 4,235.8           | 56,178.9   | 38.3        |          |  |  |  |  |
| 1                                 | CG Cerro Prieto IV                                     | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 2                                 | CC Chihuahua                                           | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 3                                 | CCI Guerrero Negro II                                  | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 4                                 | CC Monterrey II                                        | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 5                                 | CD Puerto San Carlos II                                | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 6                                 | CC Rosarito III<br>(Unidades 8 y 9)                    | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 7                                 | CT Samalayuca II                                       | 1,246.2                                                            | 901.7                                             | 0.0             | 114.0          | 230.5      | 3,374.0                                                            | 963.1                                             | 0.0              | 124.8             | 2,286.1    | 500<        |          |  |  |  |  |
| 9                                 | LT 211 Cable Submarino                                 | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 10                                | LT 214 y 215 Sureste-<br>Peninsular                    | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 11                                | LT 216 y 217 Noroeste                                  | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 12                                | SE 212 y 213 SF6<br>Potencia y<br>Distribución         | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 13                                | SE 218 Noroeste                                        | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 14                                | SE 219 Sureste-<br>Peninsular                          | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 15                                | SE 220 Oriental-Centro                                 | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 16                                | SE 221 Occidental                                      | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 17                                | LT 301 Centro                                          | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 18                                | LT 302 Sureste                                         | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 19                                | LT 303 Ixtapa - Pie de la<br>Cuesta                    | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 20                                | LT 304 Noroeste                                        | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 21                                | SE 305 Centro-Oriente                                  | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 22                                | SE 306 Sureste                                         | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 23                                | SE 307 Noreste                                         | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 24                                | SE 308 Noroeste                                        | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 25                                | CG Los Azufres II y<br>Campo Geotérmico                | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 26                                | CH Manuel Moreno<br>Torres (2a. Etapa)                 | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 27                                | LT 406 Red Asociada a<br>Tuxpan II, III y IV           | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 28                                | LT 407 Red Asociada a<br>Altamira II, III y IV         | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 29                                | LT 408 Naco-Nogales -<br>Área Noroeste                 | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 30                                | LT 411 Sistema Nacional                                | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 31                                | LT Manuel Moreno<br>Torres Red Asociada<br>(2a. Etapa) | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 32                                | SE 401 Occidental -<br>Central                         | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 33                                | SE 402 Oriental -<br>Peninsular                        | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 34                                | SE 403 Noreste                                         | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 35                                | SE 404 Noroeste-Norte                                  | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 36                                | SE 405 Compensación<br>Alta Tensión                    | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 37                                | SE 410 Sistema<br>Nacional                             | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 38                                | CC El Sauz conversión<br>de TG a CC                    | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |
| 39                                | LT 414 Norte-<br>Occidental                            | 0.0                                                                | 0.0                                               | 0.0             | 0.0            | 0.0        | 0.0                                                                | 0.0                                               | 0.0              | 0.0               | 0.0        | N.A.        |          |  |  |  |  |

**Flujo neto de proyectos de infraestructura productiva de largo plazo de inversión directa en operación <sup>P/</sup>**  
**Con base en los artículos 107, fracción I, inciso d) de la Ley Federal de Presupuesto y Responsabilidad**

**Hacendaria y 205 de su Reglamento**

**Comisión Federal de Electricidad**

**Enero – junio 2019**

(Millones de pesos a precios de 2019)

| Nombre del proyecto <sup>U</sup> |       |                                                             | Presupuesto |                                                                    |                                                   |                        |            | Ejercido |                                                                    |                                                   |                        |            | Variación % |
|----------------------------------|-------|-------------------------------------------------------------|-------------|--------------------------------------------------------------------|---------------------------------------------------|------------------------|------------|----------|--------------------------------------------------------------------|---------------------------------------------------|------------------------|------------|-------------|
|                                  |       |                                                             | Ingresos    | Gasto                                                              |                                                   |                        | Flujo Neto | Ingresos | Gasto                                                              |                                                   |                        | Flujo Neto |             |
|                                  |       |                                                             |             | Programable                                                        |                                                   |                        |            |          | Programable                                                        |                                                   |                        |            |             |
|                                  |       |                                                             |             | Amortiza-<br>ciones y<br>Gastos de<br>Operación y<br>Mantenimiento | Inversión<br>Presu-<br>puesta-<br>ria<br>Asociada | No<br>Progra-<br>mable |            |          | Amortiza-<br>ciones y<br>Gastos de<br>Operación y<br>Mantenimiento | Inversión<br>Presu-<br>puesta-<br>ria<br>Asociada | No<br>Progra-<br>mable |            |             |
|                                  |       |                                                             |             |                                                                    |                                                   |                        |            |          |                                                                    |                                                   |                        |            |             |
| ( 1 )                            | ( 2 ) | ( 3 )                                                       | ( 4 )       | ( 5=<br>1-2-3-4 )                                                  | ( 6 )                                             | ( 7 )                  | ( 8 )      | ( 9 )    | ( 10=<br>6-7-8-9 )                                                 | ( 11=<br>( 10-5 )/5 )                             |                        |            |             |
| 40                               | LT    | 502 Oriental - Norte                                        | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | N.A.       |             |
| 41                               | LT    | 506 Saltillo-Cañada                                         | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | N.A.       |             |
| 42                               | LT    | Red Asociada de la Central Tamazunchale                     | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | N.A.       |             |
| 43                               | LT    | Red Asociada de la Central Río Bravo III                    | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | N.A.       |             |
| 44                               | SE    | 412 Compensación Norte                                      | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | N.A.       |             |
| 45                               | SE    | 413 Noroeste - Occidental                                   | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | N.A.       |             |
| 46                               | SE    | 503 Oriental                                                | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | N.A.       |             |
| 47                               | SE    | 504 Norte - Occidental                                      | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | N.A.       |             |
| 48                               | CCI   | Baja California Sur I                                       | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | N.A.       |             |
| 49                               | LT    | 609 Transmisión Noroeste - Occidental                       | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | N.A.       |             |
| 50                               | LT    | 610 Transmisión Noroeste - Norte                            | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | N.A.       |             |
| 51                               | LT    | 612 Subtransmisión Norte - Noreste                          | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | N.A.       |             |
| 52                               | LT    | 613 Subtransmisión Occidental                               | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | N.A.       |             |
| 53                               | LT    | 614 Subtransmisión Oriental                                 | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | N.A.       |             |
| 54                               | LT    | 615 Subtransmisión Peninsular                               | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | N.A.       |             |
| 55                               | LT    | Red Asociada de Transmisión de la CCI Baja California Sur I | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | N.A.       |             |
| 57                               | LT    | 1012 Red de Transmisión Asociada a la CCC Baja California   | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | N.A.       |             |
| 58                               | SE    | 607 Sistema Bajío - Oriental                                | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | N.A.       |             |
| 59                               | SE    | 611 Subtransmisión Baja California - Noroeste               | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | N.A.       |             |
| 60                               | SUV   | Suministro de vapor a las Centrales de Cerro Prieto         | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | N.A.       |             |
| 61                               | CC    | Hermosillo Conversión de TG a CC                            | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | N.A.       |             |
| 62                               | CCC   | Pacífico                                                    | 3,246.2     | 1,858.4                                                            | 0.0                                               | 33.5                   | 1,354.3    | 3,838.6  | 1,579.5                                                            | 0.0                                               | 32.6                   | 2,226.5    | 64.4        |
| 63                               | CH    | El Cajón                                                    | 1,257.2     | 306.1                                                              | 0.0                                               | 170.0                  | 781.1      | 1,224.2  | 258.3                                                              | 0.0                                               | 206.8                  | 759.1      | -2.8        |
| 64                               | LT    | Líneas Centro                                               | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 65                               | LT    | Red de Transmisión Asociada a la CH el Cajón                | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 66                               | LT    | Red de Transmisión Asociada a Altamira V                    | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 67                               | LT    | Red de Transmisión Asociada a la Laguna II                  | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |

**Flujo neto de proyectos de infraestructura productiva de largo plazo de inversión directa en operación <sup>P./</sup>**  
**Con base en los artículos 107, fracción I, inciso d) de la Ley Federal de Presupuesto y Responsabilidad**  
**Hacendaria y 205 de su Reglamento**  
**Comisión Federal de Electricidad**  
**Enero – junio 2019**  
 (Millones de pesos a precios de 2019)

| Nombre del proyecto <sup>1/</sup> |     |                                             | Presupuesto |                                                                    |                                                   |                        |            | Ejercido |                                                                    |                                                   |                        |            | Variación % |
|-----------------------------------|-----|---------------------------------------------|-------------|--------------------------------------------------------------------|---------------------------------------------------|------------------------|------------|----------|--------------------------------------------------------------------|---------------------------------------------------|------------------------|------------|-------------|
|                                   |     |                                             | Ingresos    | Gasto                                                              |                                                   |                        | Flujo Neto | Ingresos | Gasto                                                              |                                                   |                        | Flujo Neto |             |
|                                   |     |                                             |             | Programable                                                        |                                                   |                        |            |          | Programable                                                        |                                                   |                        |            |             |
|                                   |     |                                             |             | Amortiza-<br>ciones y<br>Gastos de<br>Operación y<br>Mantenimiento | Inversión<br>Presu-<br>puesta-<br>ria<br>Asociada | No<br>Progra-<br>mable |            |          | Amortiza-<br>ciones y<br>Gastos de<br>Operación y<br>Mantenimiento | Inversión<br>Presu-<br>puesta-<br>ria<br>Asociada | No<br>Progra-<br>mable |            |             |
|                                   |     |                                             |             |                                                                    |                                                   |                        |            |          |                                                                    |                                                   |                        |            |             |
| (1)                               | (2) | (3)                                         | (4)         | (5=<br>1-2-3-4)                                                    | (6)                                               | (7)                    | (8)        | (9)      | (10=<br>6-7-8-9)                                                   | (11=<br>(10-5)/5)                                 |                        |            |             |
| 68                                | LT  | Red de Transmisión Asociada a el Pacifico   | 258.0       | 84.4                                                               | 0.0                                               | 12.0                   | 161.7      | 216.2    | 83.6                                                               | 0.0                                               | 12.6                   | 120.1      | -25.7       |
| 69                                | LT  | 707 Enlace Norte-Sur                        | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 70                                | LT  | Riviera Maya                                | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 71                                | PRR | Presa Reguladora Amata                      | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 72                                | RM  | Adolfo López Mateos                         | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 73                                | RM  | Altamira                                    | 530.2       | 39.0                                                               | 0.0                                               | 1.8                    | 489.4      | 791.6    | 38.6                                                               | 0.0                                               | 1.8                    | 751.2      | 53.5        |
| 74                                | RM  | Botello                                     | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 75                                | RM  | Carbón II                                   | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 76                                | RM  | Carlos Rodríguez Rivero                     | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 77                                | RM  | Dos Bocas                                   | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 78                                | RM  | Emilio Portes Gil                           | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 79                                | RM  | Francisco Pérez Ríos                        | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 80                                | RM  | Gomez Palacio                               | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 82                                | RM  | Huinalá                                     | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 83                                | RM  | Ixtaczoquitlán                              | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 84                                | RM  | José Aceves Pozos (Mazatlán II)             | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 87                                | RM  | Gral. Manuel Alvarez Moreno (Manzanillo)    | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 90                                | RM  | CT Puerto Libertad                          | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 91                                | RM  | Punta Prieta                                | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 92                                | RM  | Salamanca                                   | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 93                                | RM  | Tuxpango                                    | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 94                                | RM  | CT Valle de México                          | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 95                                | SE  | Norte                                       | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 98                                | SE  | 705 Capacitores                             | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 99                                | SE  | 708 Compensación Dinámicas Oriental - Norte | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 100                               | SLT | 701 Occidente-Centro                        | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 101                               | SLT | 702 Sureste-Peninsular                      | 33.9        | 7.0                                                                | 0.0                                               | 0.2                    | 26.7       | 18.5     | 6.8                                                                | 0.0                                               | 0.2                    | 11.6       | -56.7       |
| 102                               | SLT | 703 Noreste-Norte                           | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 103                               | SLT | 704 Baja California - Noroeste              | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 104                               | SLT | 706 Sistemas Norte                          | 227.8       | 43.3                                                               | 0.0                                               | 5.7                    | 178.8      | 137.9    | 42.6                                                               | 0.0                                               | 5.4                    | 89.9       | -49.7       |
| 105                               | SLT | 709 Sistemas Sur                            | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 106                               | CC  | Conversión El Encino de TG aCC              | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 107                               | CCI | Baja California Sur II                      | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 108                               | LT  | 807 Durango I                               | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 110                               | RM  | CCC Tula                                    | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 111                               | RM  | CGT Cerro Prieto (U5)                       | 107.3       | 20.7                                                               | 0.0                                               | 1.8                    | 84.7       | 510.1    | 20.7                                                               | 0.0                                               | 1.8                    | 487.6      | 475.4       |
| 112                               | RM  | CT Carbón II Unidades 2 y 4                 | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 113                               | RM  | CT Emilio Portes Gil Unidad 4               | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |
| 114                               | RM  | CT Francisco Pérez Ríos Unidad 5            | 0.0         | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0                    | 0.0        | N.A.        |

**Flujo neto de proyectos de infraestructura productiva de largo plazo de inversión directa en operación <sup>P/L</sup>**  
**Con base en los artículos 107, fracción I, inciso d) de la Ley Federal de Presupuesto y Responsabilidad**

**Hacendaria y 205 de su Reglamento**

**Comisión Federal de Electricidad**

**Enero – junio 2019**

(Millones de pesos a precios de 2019)

| Nombre del proyecto <sup>U</sup> |     |                                                         | Presupuesto |                                                                         |                                              |                        |               | Ejercido |                                                                         |                                              |                        |               | Variación<br>% |
|----------------------------------|-----|---------------------------------------------------------|-------------|-------------------------------------------------------------------------|----------------------------------------------|------------------------|---------------|----------|-------------------------------------------------------------------------|----------------------------------------------|------------------------|---------------|----------------|
|                                  |     |                                                         | Ingresos    | Gasto                                                                   |                                              |                        | Flujo<br>Neto | Ingresos | Gasto                                                                   |                                              |                        | Flujo<br>Neto |                |
|                                  |     |                                                         |             | Programable                                                             |                                              |                        |               |          | Programable                                                             |                                              |                        |               |                |
|                                  |     |                                                         |             | Amortiza-<br>ciones y<br>Gastos de<br>Operación y<br>Manten-<br>imiento | Inversión<br>Presu-<br>puestaria<br>Asociada | No<br>Progra-<br>mable |               |          | Amortiza-<br>ciones y<br>Gastos de<br>Operación y<br>Manten-<br>imiento | Inversión<br>Presu-<br>puestaria<br>Asociada | No<br>Progra-<br>mable |               |                |
|                                  |     |                                                         |             |                                                                         |                                              |                        |               |          |                                                                         |                                              |                        |               |                |
| (1)                              | (2) | (3)                                                     | (4)         | (5=<br>1-2-3-4)                                                         | (6)                                          | (7)                    | (8)           | (9)      | (10=<br>6-7-8-9)                                                        | (11=<br>(10-5)/5]                            |                        |               |                |
| 117                              | RM  | CT Pdte. Adolfo<br>López Mateos<br>Unidades 3, 4, 5 y 6 | 0.0         | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | 0.0      | 0.0                                                                     | 0.0                                          | 0.0                    | N.A.          |                |
| 118                              | RM  | CT Pdte. Plutarco<br>Elías Calles Unidades<br>1 y 2     | 0.0         | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | 0.0      | 0.0                                                                     | 0.0                                          | 0.0                    | N.A.          |                |
| 122                              | SE  | 811 Noroeste                                            | 0.0         | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | 0.0      | 0.0                                                                     | 0.0                                          | 0.0                    | N.A.          |                |
| 123                              | SE  | 812 Golfo Norte                                         | 0.0         | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | 0.0      | 0.0                                                                     | 0.0                                          | 0.0                    | N.A.          |                |
| 124                              | SE  | 813 División Bajío                                      | 0.0         | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | 0.0      | 0.0                                                                     | 0.0                                          | 0.0                    | N.A.          |                |
| 126                              | SLT | 801 Altiplano                                           | 0.0         | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | 0.0      | 0.0                                                                     | 0.0                                          | 0.0                    | N.A.          |                |
| 127                              | SLT | 802 Tamaulipas                                          | 0.0         | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | 0.0      | 0.0                                                                     | 0.0                                          | 0.0                    | N.A.          |                |
| 128                              | SLT | 803 NOINE                                               | 0.0         | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | 0.0      | 0.0                                                                     | 0.0                                          | 0.0                    | N.A.          |                |
| 130                              | SLT | 806 Bajío                                               | 90.3        | 14.5                                                                    | 0.0                                          | 2.1                    | 73.7          | 47.8     | 13.5                                                                    | 0.0                                          | 2.2                    | 32.1          | -56.4          |
| 132                              | CE  | La Venta II                                             | 151.2       | 90.9                                                                    | 0.0                                          | 10.6                   | 49.6          | 45.6     | 53.0                                                                    | 0.0                                          | 11.4                   | -18.8         | -137.8         |
| 136                              | LT  | Red de Transmisión<br>Asociada a la CE La<br>Venta II   | 0.0         | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | 0.0      | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | N.A.           |
| 138                              | SE  | 911 Noreste                                             | 0.0         | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | 0.0      | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | N.A.           |
| 139                              | SE  | 912 División Oriente                                    | 30.2        | 7.7                                                                     | 0.0                                          | 0.2                    | 22.3          | 21.9     | 7.7                                                                     | 0.0                                          | 0.2                    | 14.0          | -37.5          |
| 140                              | SE  | 914 División Centro<br>Sur                              | 31.0        | 9.8                                                                     | 0.0                                          | 2.1                    | 19.1          | 15.0     | 9.4                                                                     | 0.0                                          | 2.1                    | 3.4           | -82.1          |
| 141                              | SE  | 915 Occidental                                          | 0.0         | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | 0.0      | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | N.A.           |
| 142                              | SLT | 901 Pacífico                                            | 0.0         | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | 0.0      | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | N.A.           |
| 143                              | SLT | 902 Istmo                                               | 118.7       | 0.0                                                                     | 0.0                                          | 0.0                    | 118.7         | 53.0     | 16.8                                                                    | 0.0                                          | 0.0                    | 36.2          | -69.5          |
| 144                              | SLT | 903 Cabo - Norte                                        | 0.0         | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | 0.0      | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | N.A.           |
| 146                              | CH  | La Yesca                                                | 1,449.6     | 426.7                                                                   | 0.0                                          | 475.0                  | 547.9         | 915.0    | 358.9                                                                   | 0.0                                          | 478.3                  | 77.8          | -85.8          |
| 147                              | CCC | Baja California                                         | 688.1       | 395.6                                                                   | 0.0                                          | 4.8                    | 287.7         | 593.8    | 431.1                                                                   | 0.0                                          | 4.8                    | 158.0         | -45.1          |
| 148                              | RFO | Red de Fibra Optica<br>Proyecto Sur                     | 59.7        | 19.9                                                                    | 0.0                                          | 0.1                    | 39.7          | 97.8     | 45.1                                                                    | 0.0                                          | 0.1                    | 52.6          | 32.3           |
| 149                              | RFO | Red de Fibra Optica<br>Proyecto Centro                  | 0.0         | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | 0.0      | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | N.A.           |
| 150                              | RFO | Red de Fibra Optica<br>Proyecto Norte                   | 84.6        | 28.3                                                                    | 0.0                                          | 0.2                    | 56.1          | 138.5    | 64.0                                                                    | 0.0                                          | 0.2                    | 74.3          | 32.4           |
| 151                              | SE  | 1006 Central---Sur                                      | 37.6        | 4.6                                                                     | 0.0                                          | 2.0                    | 31.0          | 16.9     | 4.6                                                                     | 0.0                                          | 2.0                    | 10.3          | -66.7          |
| 152                              | SE  | 1005 Noroeste                                           | 133.4       | 19.9                                                                    | 0.0                                          | 3.9                    | 109.6         | 45.7     | 19.6                                                                    | 0.0                                          | 4.0                    | 22.2          | -79.8          |
| 156                              | RM  | Infiernillo                                             | 30.4        | 4.0                                                                     | 0.0                                          | 0.7                    | 25.7          | 502.7    | 3.9                                                                     | 0.0                                          | 0.7                    | 498.0         | 500<           |
| 157                              | RM  | CT Francisco Pérez<br>Ríos Unidades 1 y 2               | 567.3       | 63.8                                                                    | 0.0                                          | 7.7                    | 495.8         | 6,132.5  | 63.3                                                                    | 0.0                                          | 7.8                    | 6,061.4       | 500<           |
| 158                              | RM  | CT Puerto Libertad<br>Unidad 4                          | 0.0         | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | 0.0      | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | N.A.           |
| 159                              | RM  | CT Valle de México<br>Unidades 5,6 y 7                  | 0.0         | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | 0.0      | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | N.A.           |
| 160                              | RM  | CCC Samalayuca II                                       | 0.0         | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | 0.0      | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | N.A.           |
| 161                              | RM  | CCC El Sauz                                             | 0.0         | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | 0.0      | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | N.A.           |
| 162                              | RM  | CCC Huinala II                                          | 0.0         | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | 0.0      | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | N.A.           |
| 163                              | SE  | 1004 Compensación<br>Dinámica Área<br>Central           | 0.0         | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | 0.0      | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | N.A.           |
| 164                              | SE  | 1003 Subestaciones<br>Eléctricas de<br>Occidente        | 117.8       | 24.2                                                                    | 0.0                                          | 4.6                    | 89.0          | 83.9     | 24.2                                                                    | 0.0                                          | 4.8                    | 54.9          | -38.3          |
| 165                              | LT  | Red de Transmisión<br>Asociada a la CC San<br>Lorenzo   | 0.0         | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | 0.0      | 0.0                                                                     | 0.0                                          | 0.0                    | 0.0           | N.A.           |
| 166                              | SLT | 1002 Compensación<br>y Transmisión<br>Noreste - Sureste | 151.7       | 27.4                                                                    | 0.0                                          | 1.2                    | 123.1         | 89.9     | 27.6                                                                    | 0.0                                          | 1.2                    | 61.0          | -50.4          |

**Flujo neto de proyectos de infraestructura productiva de largo plazo de inversión directa en operación <sup>P./</sup>**  
**Con base en los artículos 107, fracción I, inciso d) de la Ley Federal de Presupuesto y Responsabilidad**  
**Hacendaria y 205 de su Reglamento**  
**Comisión Federal de Electricidad**  
**Enero – junio 2019**  
 (Millones de pesos a precios de 2019)

| Nombre del proyecto <sup>1/</sup> |       |                                                            | Presupuesto |                                                                    |                                                   |                |            | Ejercido |                                                                    |                                                   |                |            | Variación % |
|-----------------------------------|-------|------------------------------------------------------------|-------------|--------------------------------------------------------------------|---------------------------------------------------|----------------|------------|----------|--------------------------------------------------------------------|---------------------------------------------------|----------------|------------|-------------|
|                                   |       |                                                            | Ingresos    | Gasto                                                              |                                                   |                | Flujo Neto | Ingresos | Gasto                                                              |                                                   |                | Flujo Neto |             |
|                                   |       |                                                            |             | Programable                                                        |                                                   | No Programable |            |          | Programable                                                        |                                                   | No Programable |            |             |
|                                   |       |                                                            |             | Amortiza-<br>ciones y<br>Gastos de<br>Operación y<br>Mantenimiento | Inversión<br>Presu-<br>puesta-<br>ría<br>Asociada |                |            |          | Amortiza-<br>ciones y<br>Gastos de<br>Operación y<br>Mantenimiento | Inversión<br>Presu-<br>puesta-<br>ría<br>Asociada |                |            |             |
| ( 1 )                             | ( 2 ) | ( 3 )                                                      | ( 4 )       | (5=<br>1-2-3-4)                                                    | ( 6 )                                             | ( 7 )          | ( 8 )      | ( 9 )    | (10=<br>6-7-8-9)                                                   | (11=<br>(10-5)/5)                                 |                |            |             |
| 167                               | CC    | San Lorenzo<br>Conversión de TG a CC                       | 1,497.5     | 390.0                                                              | 0.0                                               | 27.1           | 1,080.4    | 455.4    | 97.8                                                               | 0.0                                               | 26.9           | 330.7      | -69.4       |
| 168                               | SLT   | 1001 Red de Transmisión Baja -- Nogales                    | 0.0         | 0.0                                                                | 0.0                                               | 0.0            | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0            | 0.0        | N.A.        |
| 170                               | LT    | Red de Transmisión Asociada a la CH La Yesca               | 198.7       | 62.6                                                               | 0.0                                               | 15.7           | 120.4      | 162.6    | 61.9                                                               | 0.0                                               | 16.5           | 84.2       | -30.1       |
| 171                               | CC    | Agua Prieta II (con campo solar)                           | 2,502.5     | 1,118.1                                                            | 0.0                                               | 210.6          | 1,173.7    | 498.0    | 219.8                                                              | 0.0                                               | 209.2          | 69.0       | -94.1       |
| 176                               | LT    | Red de transmisión asociada a la CC Agua Prieta II         | 87.9        | 4.1                                                                | 0.0                                               | 5.1            | 78.6       | 23.4     | 3.5                                                                | 0.0                                               | 5.1            | 14.8       | -81.2       |
| 177                               | LT    | Red de Transmisión Asociada a la CE La Venta III           | 10.2        | 0.8                                                                | 0.0                                               | 0.1            | 9.4        | 1.2      | 0.3                                                                | 0.0                                               | 0.1            | 0.8        | -91.2       |
| 181                               | RM    | CN Laguna Verde                                            | 1,310.2     | 274.5                                                              | 0.0                                               | 131.7          | 903.9      | 13,768.4 | 262.3                                                              | 0.0                                               | 125.9          | 13,380.2   | 500<        |
| 182                               | RM    | CT Puerto Libertad Unidades 2 y 3                          | 0.0         | 0.0                                                                | 0.0                                               | 0.0            | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0            | 0.0        | N.A.        |
| 183                               | RM    | CT Punta Prieta Unidad 2                                   | 0.0         | 0.0                                                                | 0.0                                               | 0.0            | 0.0        | 0.0      | 0.0                                                                | 0.0                                               | 0.0            | 0.0        | N.A.        |
| 185                               | SE    | 1110 Compensación Capacitiva del Norte                     | 107.7       | 37.0                                                               | 0.0                                               | 4.1            | 66.7       | 119.5    | 37.2                                                               | 0.0                                               | 4.3            | 78.0       | 17.0        |
| 188                               | SE    | 1116 Transformación del Noreste                            | 1,462.0     | 82.4                                                               | 0.0                                               | 17.8           | 1,361.8    | 361.8    | 105.7                                                              | 0.0                                               | 18.2           | 238.0      | -82.5       |
| 189                               | SE    | 1117 Transformación de Guaymas                             | 42.3        | 11.8                                                               | 0.0                                               | 2.7            | 27.7       | 24.7     | 11.8                                                               | 0.0                                               | 2.9            | 10.0       | -63.9       |
| 190                               | SE    | 1120 Noroeste                                              | 117.9       | 19.7                                                               | 0.0                                               | 8.1            | 90.2       | 88.3     | 19.5                                                               | 0.0                                               | 8.2            | 60.6       | -32.8       |
| 191                               | SE    | 1121 Baja California                                       | 13.6        | 3.4                                                                | 0.0                                               | 0.7            | 9.5        | 7.1      | 3.4                                                                | 0.0                                               | 0.7            | 3.0        | -68.4       |
| 192                               | SE    | 1122 Golfo Norte                                           | 102.7       | 33.9                                                               | 0.0                                               | 5.6            | 63.2       | 88.5     | 33.6                                                               | 0.0                                               | 5.8            | 49.0       | -22.5       |
| 193                               | SE    | 1123 Norte                                                 | 15.2        | 3.5                                                                | 0.0                                               | 0.3            | 11.4       | 11.2     | 3.2                                                                | 0.0                                               | 0.3            | 7.6        | -33.0       |
| 194                               | SE    | 1124 Bajío Centro                                          | 87.8        | 13.1                                                               | 0.0                                               | 4.5            | 70.3       | 51.9     | 12.7                                                               | 0.0                                               | 4.8            | 34.4       | -51.1       |
| 195                               | SE    | 1125 Distribución                                          | 222.9       | 76.0                                                               | 0.0                                               | 10.6           | 136.3      | 270.9    | 74.5                                                               | 0.0                                               | 11.2           | 185.1      | 35.8        |
| 197                               | SE    | 1127 Sureste                                               | 32.9        | 3.8                                                                | 0.0                                               | 1.4            | 27.7       | 18.8     | 3.8                                                                | 0.0                                               | 1.4            | 13.6       | -51.0       |
| 198                               | SE    | 1128 Centro Sur                                            | 63.4        | 18.8                                                               | 0.0                                               | 4.6            | 40.0       | 63.3     | 18.7                                                               | 0.0                                               | 4.9            | 39.7       | -0.6        |
| 199                               | SE    | 1129 Compensación redes                                    | 41.1        | 8.2                                                                | 0.0                                               | 1.5            | 31.4       | 20.1     | 8.2                                                                | 0.0                                               | 1.5            | 10.4       | -66.8       |
| 200                               | SLT   | 1111 Transmisión y Transformación del Central - Occidental | 188.7       | 28.8                                                               | 0.0                                               | 13.2           | 146.7      | 108.0    | 28.1                                                               | 0.0                                               | 13.6           | 66.3       | -54.8       |
| 201                               | SLT   | 1112 Transmisión y Transformación del Noroeste             | 244.8       | 48.9                                                               | 0.0                                               | 15.9           | 180.0      | 155.9    | 47.7                                                               | 0.0                                               | 16.6           | 91.7       | -49.1       |
| 202                               | SLT   | 1114 Transmisión y Transformación del Oriental             | 371.1       | 74.9                                                               | 0.0                                               | 32.4           | 263.8      | 267.6    | 73.3                                                               | 0.0                                               | 33.9           | 160.4      | -39.2       |
| 203                               | SLT   | 1118 Transmisión y Transformación del Norte                | 76.6        | 17.4                                                               | 0.0                                               | 2.6            | 56.6       | 32.8     | 16.5                                                               | 0.0                                               | 2.6            | 13.7       | -75.8       |
| 204                               | SLT   | 1119 Transmisión y Transformación del Sureste              | 281.0       | 82.9                                                               | 0.0                                               | 7.3            | 190.8      | 227.2    | 82.4                                                               | 0.0                                               | 7.5            | 137.3      | -28.0       |
| 205                               | SUV   | Suministro de 970 T/h a las Centrales de Cerro Prieto      | 1,430.7     | 96.4                                                               | 0.0                                               | 6.0            | 1,328.4    | 1,280.0  | 79.8                                                               | 0.0                                               | 6.2            | 1,194.0    | -10.1       |
| 206                               | SE    | 1206 Conversión a 400 kV de la LT Mazatlan II - La Higuera | 138.5       | 53.3                                                               | 0.0                                               | 1.3            | 84.0       | 152.6    | 53.5                                                               | 0.0                                               | 1.3            | 97.9       | 16.6        |



**Flujo neto de proyectos de infraestructura productiva de largo plazo de inversión directa en operación <sup>P/L</sup>**  
**Con base en los artículos 107, fracción I, inciso d) de la Ley Federal de Presupuesto y Responsabilidad**

**Hacendaria y 205 de su Reglamento**

**Comisión Federal de Electricidad**

**Enero – junio 2019**

(Millones de pesos a precios de 2019)

| Nombre del proyecto <sup>U/</sup> |       |                                                              | Presupuesto |                                                                    |                                                   |                |            | Ejercido |                                                                    |                                                   |                |            | Variación % |
|-----------------------------------|-------|--------------------------------------------------------------|-------------|--------------------------------------------------------------------|---------------------------------------------------|----------------|------------|----------|--------------------------------------------------------------------|---------------------------------------------------|----------------|------------|-------------|
|                                   |       |                                                              | Ingresos    | Gasto                                                              |                                                   |                | Flujo Neto | Ingresos | Gasto                                                              |                                                   |                | Flujo Neto |             |
|                                   |       |                                                              |             | Programable                                                        |                                                   | No Programable |            |          | Programable                                                        |                                                   | No Programable |            |             |
|                                   |       |                                                              |             | Amortiza-<br>ciones y<br>Gastos de<br>Operación y<br>Mantenimiento | Inversión<br>Presu-<br>puesta-<br>ria<br>Asociada |                |            |          | Amortiza-<br>ciones y<br>Gastos de<br>Operación y<br>Mantenimiento | Inversión<br>Presu-<br>puesta-<br>ria<br>Asociada |                |            |             |
| ( 1 )                             | ( 2 ) | ( 3 )                                                        | ( 4 )       | ( 5=<br>1-2-3-4 )                                                  | ( 6 )                                             | ( 7 )          | ( 8 )      | ( 9 )    | ( 10=<br>6-7-8-9 )                                                 | ( 11=<br>(10-5)/5 )                               |                |            |             |
| 207                               | SE    | 1213 COMPENSACION DE REDES                                   | 131.2       | 36.9                                                               | 0.0                                               | 3.5            | 90.8       | 108.1    | 37.0                                                               | 0.0                                               | 3.6            | 67.5       | -25.6       |
| 208                               | SE    | 1205 Compensación Oriental - Peninsular                      | 28.1        | 10.6                                                               | 0.0                                               | 1.8            | 15.8       | 19.7     | 10.5                                                               | 0.0                                               | 1.8            | 7.3        | -53.5       |
| 209                               | SE    | 1212 SUR - PENINSULAR                                        | 2,253.2     | 1,280.6                                                            | 0.0                                               | 13.1           | 959.5      | 148.7    | 41.4                                                               | 0.0                                               | 13.7           | 93.6       | -90.2       |
| 210                               | SLT   | 1204 Conversión a 400 kV del Área Peninsular                 | 409.7       | 77.5                                                               | 0.0                                               | 11.2           | 321.1      | 288.4    | 76.9                                                               | 0.0                                               | 11.8           | 199.7      | -37.8       |
| 211                               | SLT   | 1203 Transmisión y Transformación Oriental - Sureste         | 375.1       | 63.8                                                               | 0.0                                               | 20.7           | 290.6      | 280.7    | 63.1                                                               | 0.0                                               | 22.0           | 195.6      | -32.7       |
| 212                               | SE    | 1202 Suministro de Energía a la Zona Manzanillo              | 377.2       | 15.6                                                               | 0.0                                               | 2.5            | 359.1      | 80.4     | 27.8                                                               | 0.0                                               | 2.6            | 50.0       | -86.1       |
| 213                               | SE    | 1211 NORESTE - CENTRAL                                       | 155.6       | 42.6                                                               | 0.0                                               | 24.7           | 88.2       | 171.7    | 42.0                                                               | 0.0                                               | 25.7           | 104.0      | 17.9        |
| 214                               | SE    | 1210 NORTE - NOROESTE                                        | 3,224.0     | 2,150.3                                                            | 0.0                                               | 17.0           | 1,056.6    | 134.8    | 32.6                                                               | 0.0                                               | 18.1           | 84.1       | -92.0       |
| 215                               | SLT   | 1201 Transmisión y Transformación de Baja California         | 137.9       | 32.7                                                               | 0.0                                               | 13.9           | 91.3       | 115.0    | 32.6                                                               | 0.0                                               | 14.3           | 68.1       | -25.4       |
| 216                               | RM    | CCC Poza Rica                                                | 524.5       | 141.1                                                              | 0.0                                               | 75.2           | 308.2      | 336.0    | 141.1                                                              | 0.0                                               | 79.0           | 115.9      | -62.4       |
| 217                               | RM    | CCC El Sauz Paquete 1                                        | 474.6       | 44.7                                                               | 0.0                                               | 39.8           | 390.0      | 4,333.0  | 42.0                                                               | 0.0                                               | 45.3           | 4,245.7    | 500<        |
| 218                               | LT    | Red de Trans Asoc al proy de temp abierta y Oax. II, III, IV | 156.1       | 53.3                                                               | 0.0                                               | 2.6            | 100.1      | 48.0     | 19.7                                                               | 0.0                                               | 2.6            | 25.7       | -74.4       |
| 219                               | SLT   | Red de Transmisión Asociada a Manzanillo I U-1 y 2           | 91.1        | 27.4                                                               | 0.0                                               | 6.2            | 57.5       | 83.3     | 27.4                                                               | 0.0                                               | 6.5            | 49.4       | -14.0       |
| 222                               | CC    | CC Repotenciación CT Manzanillo I U-1 y 2                    | 2,251.2     | 1,271.9                                                            | 0.0                                               | 213.5          | 765.8      | 8,366.9  | 890.8                                                              | 0.0                                               | 250.4          | 7,225.6    | 500<        |
| 223                               | LT    | Red de transmisión asociada a la CG Los Humeros II           | 11.2        | 0.5                                                                | 0.0                                               | 0.4            | 10.3       | 2.6      | 0.4                                                                | 0.0                                               | 0.4            | 1.8        | -82.7       |
| 225                               | LT    | Red de transmisión asociada a la CI Guerrero Negro III       | 2.8         | 0.9                                                                | 0.0                                               | 0.1            | 1.7        | 2.4      | 0.9                                                                | 0.0                                               | 0.1            | 1.4        | -21.9       |
| 226                               | CCI   | CI Guerrero Negro III                                        | 233.2       | 127.1                                                              | 0.0                                               | 13.6           | 92.5       | 52.1     | 42.5                                                               | 0.0                                               | 14.3           | -4.7       | -105.1      |
| 227                               | CG    | Los Humeros II                                               | 377.9       | 223.1                                                              | 0.0                                               | 21.1           | 133.8      | 128.8    | 109.7                                                              | 0.0                                               | 22.6           | -3.4       | -102.5      |
| 228                               | LT    | Red de transmisión asociada a la CCC Norte II                | 46.6        | 14.8                                                               | 0.0                                               | 4.1            | 27.7       | 47.9     | 14.6                                                               | 0.0                                               | 4.4            | 28.9       | 4.1         |
| 229                               | CT    | TG Baja California II                                        | 245.2       | 121.2                                                              | 0.0                                               | 25.2           | 98.9       | 398.2    | 58.7                                                               | 0.0                                               | 26.7           | 312.8      | 216.4       |
| 231                               | SLT   | 1304 Transmisión y Transformación del Oriental               | 34.7        | 10.0                                                               | 0.0                                               | 0.5            | 24.2       | 31.7     | 9.7                                                                | 0.0                                               | 0.5            | 21.5       | -10.9       |
| 233                               | SLT   | 1303 Transmisión y Transformación Baja - Noroeste            | 25.6        | 4.1                                                                | 0.0                                               | 0.7            | 20.8       | 13.3     | 3.7                                                                | 0.0                                               | 0.7            | 8.9        | -57.1       |
| 234                               | SLT   | 1302 Transformación del Noreste                              | 43.3        | 6.4                                                                | 0.0                                               | 18.6           | 18.3       | 39.6     | 0.0                                                                | 0.0                                               | 18.1           | 21.5       | 17.4        |
| 235                               | CCI   | Baja California Sur IV                                       | 312.5       | 64.3                                                               | 0.0                                               | 26.4           | 221.8      | 1,456.5  | 73.0                                                               | 0.0                                               | 27.6           | 1,355.8    | 500<        |
| 236                               | CCI   | Baja California Sur III                                      | 317.7       | 90.3                                                               | 0.0                                               | 12.7           | 214.7      | 335.9    | 8.7                                                                | 0.0                                               | 12.7           | 314.4      | 46.4        |
| 237                               | LT    | 1313 Red de Transmisión                                      | 36.9        | 7.9                                                                | 0.0                                               | 5.4            | 23.7       | 34.1     | 7.8                                                                | 0.0                                               | 5.8            | 20.5       | -13.5       |

**Flujo neto de proyectos de infraestructura productiva de largo plazo de inversión directa en operación <sup>P./</sup>**  
**Con base en los artículos 107, fracción I, inciso d) de la Ley Federal de Presupuesto y Responsabilidad**  
**Hacendaria y 205 de su Reglamento**  
**Comisión Federal de Electricidad**  
**Enero – junio 2019**  
 (Millones de pesos a precios de 2019)

| Nombre del proyecto <sup>1/</sup> |       | Presupuesto                                                 |                                                                    |                                              |                        |            | Ejercido |                                                                    |                                              |                        |            | Variación % |        |
|-----------------------------------|-------|-------------------------------------------------------------|--------------------------------------------------------------------|----------------------------------------------|------------------------|------------|----------|--------------------------------------------------------------------|----------------------------------------------|------------------------|------------|-------------|--------|
|                                   |       | Ingresos                                                    | Gasto                                                              |                                              |                        | Flujo Neto | Ingresos | Gasto                                                              |                                              |                        | Flujo Neto |             |        |
|                                   |       |                                                             | Programable                                                        |                                              |                        |            |          | Programable                                                        |                                              |                        |            |             |        |
|                                   |       |                                                             | Amortiza-<br>ciones y<br>Gastos de<br>Operación y<br>Mantenimiento | Inversión<br>Presu-<br>puestaria<br>Asociada | No<br>Progra-<br>mable |            |          | Amortiza-<br>ciones y<br>Gastos de<br>Operación y<br>Mantenimiento | Inversión<br>Presu-<br>puestaria<br>Asociada | No<br>Progra-<br>mable |            |             |        |
| ( 1 )                             | ( 2 ) | ( 3 )                                                       | ( 4 )                                                              | ( 5=<br>1-2-3-4 )                            | ( 6 )                  | ( 7 )      | ( 8 )    | ( 9 )                                                              | ( 10=<br>6-7-8-9 )                           | ( 11=<br>(10-5)/5 )    |            |             |        |
| 242                               | SE    | Asociada al CC Baja California III<br>1323 DISTRIBUCION SUR | 2,227.0                                                            | 1,158.6                                      | 0.0                    | 6.1        | 1,062.3  | 44.4                                                               | 17.0                                         | 0.0                    | 6.0        | 21.4        | -98.0  |
| 243                               | SE    | 1322 DISTRIBUCION CENTRO                                    | 288.2                                                              | 75.7                                         | 0.0                    | 37.4       | 175.1    | 273.9                                                              | 75.7                                         | 0.0                    | 39.8       | 158.4       | -9.5   |
| 244                               | SE    | 1321 DISTRIBUCION NORESTE                                   | 193.4                                                              | 43.6                                         | 0.0                    | 17.5       | 132.3    | 156.8                                                              | 43.0                                         | 0.0                    | 18.7       | 95.2        | -28.0  |
| 245                               | SE    | 1320 DISTRIBUCION NOROESTE                                  | 2,726.6                                                            | 1,800.9                                      | 0.0                    | 8.2        | 917.5    | 79.7                                                               | 21.0                                         | 0.0                    | 8.7        | 50.0        | -94.5  |
| 247                               | SLT   | SLT 1404 Subestaciones del Oriente                          | 64.9                                                               | 13.2                                         | 0.0                    | 3.7        | 48.0     | 47.4                                                               | 13.1                                         | 0.0                    | 3.8        | 30.5        | -36.5  |
| 248                               | SLT   | 1401 SEs y LTs de las Áreas Baja California y Noroeste      | 187.7                                                              | 41.8                                         | 0.0                    | 9.5        | 136.4    | 165.6                                                              | 41.3                                         | 0.0                    | 9.8        | 114.4       | -16.1  |
| 249                               | SLT   | 1405 Subest y Líneas de Transmisión de las Áreas Sureste    | 388.4                                                              | 28.3                                         | 0.0                    | 16.1       | 344.0    | 129.3                                                              | 33.2                                         | 0.0                    | 17.1       | 79.0        | -77.0  |
| 250                               | SLT   | 1402 Cambio de Tensión de la LT Culiacán - Los Mochis       | 146.9                                                              | 28.9                                         | 0.0                    | 5.0        | 113.0    | 97.7                                                               | 28.5                                         | 0.0                    | 5.3        | 63.9        | -43.5  |
| 251                               | SE    | 1421 DISTRIBUCIÓN SUR                                       | 73.6                                                               | 19.2                                         | 0.0                    | 9.2        | 45.2     | 66.1                                                               | 19.2                                         | 0.0                    | 9.5        | 37.4        | -17.2  |
| 252                               | SE    | 1403 Compensación Capacitiva de las Áreas Noroeste - Norte  | 33.2                                                               | 8.4                                          | 0.0                    | 0.6        | 24.2     | 28.5                                                               | 8.5                                          | 0.0                    | 0.6        | 19.4        | -19.7  |
| 253                               | SE    | 1420 DISTRIBUCIÓN NORTE                                     | 100.8                                                              | 28.9                                         | 0.0                    | 15.4       | 56.5     | 111.2                                                              | 28.9                                         | 0.0                    | 16.3       | 66.0        | 17.0   |
| 259                               | SE    | SE 1521 DISTRIBUCIÓN SUR                                    | 90.5                                                               | 38.3                                         | 0.0                    | 15.8       | 36.3     | 96.6                                                               | 26.2                                         | 0.0                    | 16.3       | 54.2        | 49.1   |
| 260                               | SE    | SE 1520 DISTRIBUCION NORTE                                  | 15.4                                                               | 6.2                                          | 0.0                    | 5.1        | 4.1      | 29.8                                                               | 6.2                                          | 0.0                    | 4.9        | 18.7        | 354.9  |
| 261                               | CCC   | Cogeneración Salamanca Fase I                               | 2,000.0                                                            | 1,496.5                                      | 0.0                    | 146.2      | 357.2    | 2,570.5                                                            | 994.5                                        | 0.0                    | 154.6      | 1,421.4     | 297.9  |
| 262                               | SLT   | 1601 Transmisión y Transformación Noroeste - Norte          | 105.0                                                              | 12.1                                         | 0.0                    | 7.9        | 84.9     | 53.2                                                               | 11.5                                         | 0.0                    | 8.3        | 33.4        | -60.7  |
| 264                               | CC    | Centro                                                      | 2,000.0                                                            | 1,365.8                                      | 0.0                    | 251.1      | 383.0    | 0.0                                                                | 341.3                                        | 0.0                    | 274.9      | -616.1      | -260.9 |
| 266                               | SLT   | 1603 Subestación Lago                                       | 355.9                                                              | 12.8                                         | 0.0                    | 0.0        | 343.1    | 0.0                                                                | 1.9                                          | 0.0                    | 1.4        | -3.3        | -101.0 |
| 267                               | SLT   | 1604 Transmisión Ayotla-Chalco                              | 78.3                                                               | 22.7                                         | 0.0                    | 9.7        | 45.9     | 75.4                                                               | 22.7                                         | 0.0                    | 10.3       | 42.4        | -7.5   |
| 268                               | CCI   | Guerrero Negro IV                                           | 74.5                                                               | 34.2                                         | 0.0                    | 0.0        | 40.3     | 0.0                                                                | 0.0                                          | 0.0                    | 0.0        | 0.0         | N.A.   |
| 269                               | LT    | Red de Transmisión Asociada a la CI Guerrero Negro IV       | 10.7                                                               | 3.3                                          | 0.0                    | 1.2        | 6.2      | 10.4                                                               | 3.1                                          | 0.0                    | 1.2        | 6.0         | -3.6   |
| 273                               | SE    | 1621 Distribución Norte-Sur                                 | 432.2                                                              | 35.1                                         | 0.0                    | 14.8       | 382.3    | 131.1                                                              | 32.3                                         | 0.0                    | 18.9       | 79.9        | -79.1  |
| 274                               | SE    | 1620 Distribución Valle de México                           | 412.1                                                              | 89.2                                         | 0.0                    | 33.5       | 289.3    | 342.8                                                              | 97.5                                         | 0.0                    | 36.0       | 209.2       | -27.7  |
| 275                               | CG    | Los Azufres III (Fase I)                                    | 1,064.5                                                            | 56.9                                         | 0.0                    | 28.6       | 979.0    | 624.6                                                              | 56.9                                         | 0.0                    | 30.4       | 537.2       | -45.1  |
| 278                               | RM    | CT José López Portillo                                      | 129.9                                                              | 35.8                                         | 0.0                    | 53.7       | 40.4     | 3,115.7                                                            | 69.6                                         | 0.0                    | 77.9       | 2,968.2     | 500<   |
| 280                               | SLT   | 1721 DISTRIBUCIÓN NORTE                                     | 191.0                                                              | 36.4                                         | 0.0                    | 10.3       | 144.2    | 93.0                                                               | 29.2                                         | 0.0                    | 10.6       | 53.2        | -63.1  |

**Flujo neto de proyectos de infraestructura productiva de largo plazo de inversión directa en operación <sup>P/L</sup>**  
**Con base en los artículos 107, fracción I, inciso d) de la Ley Federal de Presupuesto y Responsabilidad**

**Hacendaria y 205 de su Reglamento**

**Comisión Federal de Electricidad**

**Enero – junio 2019**

(Millones de pesos a precios de 2019)

| Nombre del proyecto <sup>U</sup> |       |                                                             | Presupuesto |                                                                    |                                              |                        | Ejercido   |          |                                                                    |                                              |                        | Variación % |            |
|----------------------------------|-------|-------------------------------------------------------------|-------------|--------------------------------------------------------------------|----------------------------------------------|------------------------|------------|----------|--------------------------------------------------------------------|----------------------------------------------|------------------------|-------------|------------|
|                                  |       |                                                             | Ingresos    | Gasto                                                              |                                              |                        | Flujo Neto | Ingresos | Gasto                                                              |                                              |                        |             | Flujo Neto |
|                                  |       |                                                             |             | Programable                                                        |                                              |                        |            |          | Programable                                                        |                                              |                        |             |            |
|                                  |       |                                                             |             | Amortiza-<br>ciones y<br>Gastos de<br>Operación y<br>Mantenimiento | Inversión<br>Presu-<br>puestaria<br>Asociada | No<br>Progra-<br>mable |            |          | Amortiza-<br>ciones y<br>Gastos de<br>Operación y<br>Mantenimiento | Inversión<br>Presu-<br>puestaria<br>Asociada | No<br>Progra-<br>mable |             |            |
|                                  |       |                                                             |             |                                                                    |                                              |                        |            |          |                                                                    |                                              |                        |             |            |
| ( 1 )                            | ( 2 ) | ( 3 )                                                       | ( 4 )       | ( 5=<br>1-2-3-4 )                                                  | ( 6 )                                        | ( 7 )                  | ( 8 )      | ( 9 )    | ( 10=<br>6-7-8-9 )                                                 | ( 11=<br>(10-5)/5 )                          |                        |             |            |
| 281                              | LT    | Red de Transmisión Asociada al CC Noreste                   | 206.8       | 162.1                                                              | 0.0                                          | 108.2                  | -63.5      | 189.6    | 32.5                                                               | 0.0                                          | 65.0                   | 92.1        | -244.9     |
| 282                              | SLT   | 1720 Distribución Valle de México                           | 959.5       | 534.6                                                              | 0.0                                          | 0.0                    | 424.9      | 0.0      | 11.4                                                               | 0.0                                          | 8.9                    | -20.4       | -104.8     |
| 283                              | LT    | Red de Transmisión Asociada al CC Norte III                 | 403.2       | 2.6                                                                | 0.0                                          | 0.0                    | 400.5      | 1.7      | 0.5                                                                | 0.0                                          | 3.4                    | -2.2        | -100.6     |
| 284                              | CG    | Los Humeros III                                             | 380.3       | 157.7                                                              | 0.0                                          | 14.7                   | 207.9      | 148.2    | 43.5                                                               | 0.0                                          | 18.0                   | 86.7        | -58.3      |
| 286                              | CCI   | Baja California Sur V                                       | 1,400.8     | 175.0                                                              | 0.0                                          | 57.0                   | 1,168.8    | 364.8    | 112.5                                                              | 0.0                                          | 59.9                   | 192.5       | -83.5      |
| 288                              | SLT   | 1722 Distribución Sur                                       | 1,500.2     | 812.6                                                              | 0.0                                          | 9.4                    | 678.1      | 60.0     | 19.3                                                               | 0.0                                          | 10.2                   | 30.5        | -95.5      |
| 292                              | SE    | 1701 Subestación Chimalpa Dos                               | 140.8       | 13.4                                                               | 0.0                                          | 24.5                   | 103.0      | 75.7     | 13.4                                                               | 0.0                                          | 24.5                   | 37.7        | -63.3      |
| 293                              | SLT   | 1703 Conversión a 400 kV de la Riviera Maya                 | 273.6       | 86.5                                                               | 0.0                                          | 28.2                   | 158.9      | 165.1    | 86.7                                                               | 0.0                                          | 30.0                   | 48.5        | -69.5      |
| 294                              | SLT   | 1702 Transmisión y Transformación Baja - Noine              | 181.5       | 56.3                                                               | 0.0                                          | 19.0                   | 106.2      | 117.7    | 55.8                                                               | 0.0                                          | 20.2                   | 41.6        | -60.8      |
| 295                              | SLT   | 1704 Interconexión sist aislados Guerrero Negro Sta Rosalía | 64.4        | 18.9                                                               | 0.0                                          | 7.6                    | 38.0       | 34.3     | 18.4                                                               | 0.0                                          | 8.0                    | 7.9         | -79.2      |
| 296                              | CC    | Empalme I                                                   | 3,213.9     | 2,110.7                                                            | 0.0                                          | 0.0                    | 1,103.2    | 93.5     | 0.0                                                                | 0.0                                          | 85.7                   | 7.8         | -99.3      |
| 297                              | LT    | Red de Transmisión Asociada al CC Empalme I                 | 279.1       | 14.7                                                               | 0.0                                          | 44.0                   | 220.4      | 165.2    | 18.8                                                               | 0.0                                          | 50.6                   | 95.9        | -56.5      |
| 298                              | CC    | Valle de México II                                          | 1,899.5     | 1,005.0                                                            | 0.0                                          | 0.0                    | 894.5      | 1,727.8  | 1.5                                                                | 0.0                                          | 0.0                    | 1,726.2     | 93.0       |
| 300                              | LT    | Red de Transmisión Asociada al CC Topolobampo III           | 252.6       | 0.0                                                                | 0.0                                          | 0.0                    | 252.6      | 18.9     | 6.0                                                                | 0.0                                          | 0.0                    | 12.9        | -94.9      |
| 304                              | LT    | 1805 Línea de Transmisión Huasteca - Monterrey              | 913.5       | 18.0                                                               | 0.0                                          | 0.0                    | 895.5      | 0.0      | 0.0                                                                | 0.0                                          | 0.0                    | 0.0         | N.A.       |
| 305                              | SE    | 1801 Subestaciones Baja - Noroeste                          | 37.5        | 12.6                                                               | 0.0                                          | 3.3                    | 21.6       | 27.4     | 12.7                                                               | 0.0                                          | 3.5                    | 11.3        | -48.0      |
| 306                              | SE    | 1803 Subestaciones del Occidental                           | 253.9       | 57.8                                                               | 0.0                                          | 36.5                   | 159.6      | 216.7    | 57.4                                                               | 0.0                                          | 37.3                   | 122.1       | -23.5      |
| 307                              | SLT   | 1802 Subestaciones y Líneas de Transmisión del Norte        | 129.5       | 33.9                                                               | 0.0                                          | 40.8                   | 54.8       | 187.9    | 33.2                                                               | 0.0                                          | 41.7                   | 113.0       | 106.0      |
| 308                              | SLT   | 1804 Subestaciones y Líneas Transmisión Oriental-Peninsular | 222.1       | 62.8                                                               | 0.0                                          | 26.8                   | 132.6      | 238.6    | 62.7                                                               | 0.0                                          | 29.0                   | 146.9       | 10.8       |
| 309                              | SLT   | 1820 Divisiones de Distribución del Valle de México         | 1,051.2     | 527.2                                                              | 0.0                                          | 12.5                   | 511.4      | 0.0      | 21.1                                                               | 0.0                                          | 24.6                   | -45.8       | -108.9     |
| 310                              | SLT   | 1821 Divisiones de Distribución                             | 70.4        | 10.1                                                               | 0.0                                          | 4.6                    | 55.7       | 30.9     | 6.3                                                                | 0.0                                          | 6.5                    | 18.0        | -67.7      |
| 311                              | RM    | CCC TULA PAQUETES 1 Y 2                                     | 555.3       | 0.0                                                                | 0.0                                          | 0.0                    | 555.3      | 1,536.7  | 150.9                                                              | 0.0                                          | 83.8                   | 1,302.0     | 134.5      |
| 312                              | RM    | CH TEMASCAL UNIDADES 1 A 4                                  | 82.9        | 4.4                                                                | 0.0                                          | 5.5                    | 72.9       | 668.4    | 8.6                                                                | 0.0                                          | 8.8                    | 651.0       | 500<       |
| 313                              | CC    | Empalme II                                                  | 2,251.2     | 1,192.0                                                            | 0.0                                          | 0.0                    | 1,059.2    | 0.0      | 0.0                                                                | 0.0                                          | 0.0                    | 0.0         | N.A.       |
| 314                              | LT    | Red de Transmisión Asociada al CC Empalme II                | 330.7       | 14.7                                                               | 0.0                                          | 48.4                   | 267.6      | 239.8    | 44.7                                                               | 0.0                                          | 46.9                   | 148.2       | -44.6      |

**Flujo neto de proyectos de infraestructura productiva de largo plazo de inversión directa en operación <sup>p./</sup>**  
**Con base en los artículos 107, fracción I, inciso d) de la Ley Federal de Presupuesto y Responsabilidad**  
**Hacendaria y 205 de su Reglamento**  
**Comisión Federal de Electricidad**  
**Enero – junio 2019**  
 (Millones de pesos a precios de 2019)

| Nombre del proyecto <sup>1/</sup> |     |                                                             | Presupuesto |                                                      |                                   |                |              | Ejercido |                                                      |                                   |                |               | Variación %    |
|-----------------------------------|-----|-------------------------------------------------------------|-------------|------------------------------------------------------|-----------------------------------|----------------|--------------|----------|------------------------------------------------------|-----------------------------------|----------------|---------------|----------------|
|                                   |     |                                                             | Ingresos    | Gasto                                                |                                   |                | Flujo Neto   | Ingresos | Gasto                                                |                                   |                | Flujo Neto    |                |
|                                   |     |                                                             |             | Programable                                          |                                   | No Programable |              |          | Programable                                          |                                   | No Programable |               |                |
|                                   |     |                                                             |             | Amortizaciones y Gastos de Operación y Mantenimiento | Inversión Presupuestaria Asociada |                |              |          | Amortizaciones y Gastos de Operación y Mantenimiento | Inversión Presupuestaria Asociada |                |               |                |
|                                   |     |                                                             | ( 1 )       | ( 2 )                                                | ( 3 )                             | ( 4 )          | (5= 1-2-3-4) | ( 6 )    | ( 7 )                                                | ( 8 )                             | ( 9 )          | (10= 6-7-8-9) | (11= (10-5)/5) |
| 316                               | SE  | 1901 Subestaciones de Baja California                       | 43.7        | 8.9                                                  | 0.0                               | 7.3            | 27.5         | 37.3     | 8.9                                                  | 0.0                               | 7.3            | 21.1          | -23.2          |
| 317                               | SLT | 1902 Subestaciones y Compensación del Noroeste              | 244.2       | 60.8                                                 | 0.0                               | 31.9           | 151.5        | 224.7    | 60.7                                                 | 0.0                               | 32.0           | 132.0         | -12.9          |
| 318                               | SE  | 1903 Subestaciones Norte - Noreste                          | 82.9        | 26.8                                                 | 0.0                               | 148.2          | -92.1        | 96.3     | 26.9                                                 | 0.0                               | 8.6            | 60.8          | -166.0         |
| 319                               | SLT | 1904 Transmisión y Transformación de Occidente              | 96.2        | 9.0                                                  | 0.0                               | 14.5           | 72.7         | 67.9     | 4.7                                                  | 0.0                               | 15.8           | 47.4          | -34.8          |
| 320                               | LT  | 1905 Transmisión Sureste - Peninsular                       | 146.5       | 19.2                                                 | 0.0                               | 26.6           | 100.7        | 86.1     | 17.8                                                 | 0.0                               | 26.3           | 42.0          | -58.3          |
| 321                               | SLT | 1920 Subestaciones y Líneas de Distribución                 | 1,406.9     | 846.8                                                | 0.0                               | 9.0            | 551.1        | 65.8     | 21.0                                                 | 0.0                               | 11.5           | 33.2          | -94.0          |
| 322                               | SLT | 1921 Reducción de Pérdidas de Energía en Distribución       | 2,009.5     | 212.2                                                | 0.0                               | 209.8          | 1,587.5      | 748.3    | 185.5                                                | 0.0                               | 212.1          | 350.7         | -77.9          |
| 327                               | CG  | Los Azufres III Fase II                                     | 160.5       | 0.0                                                  | 0.0                               | 0.0            | 160.5        | 0.0      | 0.0                                                  | 0.0                               | 0.0            | 0.0           | N.A.           |
| 328                               | LT  | Red de transmisión asociada a la CG Los Azufres III Fase II | 90.1        | 23.3                                                 | 0.0                               | 2.3            | 64.6         | 0.0      | 2.9                                                  | 0.0                               | 2.2            | -5.1          | -108.0         |
| 336                               | SLT | 2001 Subestaciones y Líneas Baja California Sur - Noroeste  | 343.2       | 8.4                                                  | 0.0                               | 14.4           | 320.5        | 49.1     | 17.3                                                 | 0.0                               | 18.1           | 13.7          | -95.7          |
| 337                               | SLT | 2002 Subestaciones y Líneas de las Áreas Norte - Occidental | 543.0       | 7.0                                                  | 0.0                               | 0.0            | 536.0        | 0.0      | 25.8                                                 | 0.0                               | 22.1           | -47.9         | -108.9         |
| 338                               | SLT | SLT 2020 Subestaciones, Líneas y Redes de Distribución      | 2,231.0     | 1,262.4                                              | 0.0                               | 0.0            | 968.6        | 0.0      | 9.0                                                  | 0.0                               | 7.0            | -16.0         | -101.7         |
| 339                               | SLT | SLT 2021 Reducción de Pérdidas de Energía en Distribución   | 1,525.2     | 216.9                                                | 0.0                               | 201.1          | 1,107.2      | 1,098.0  | 356.7                                                | 0.0                               | 318.9          | 422.4         | -61.9          |
| 348                               | SE  | 2101 Compensación Capacitiva Baja - Occidental              | 62.0        | 0.0                                                  | 0.0                               | 0.0            | 62.0         | 0.0      | 0.0                                                  | 0.0                               | 0.0            | 0.0           | N.A.           |
| 349                               | SLT | SLT 2120 Subestaciones y Líneas de Distribución             | 916.0       | 550.3                                                | 0.0                               | 0.0            | 365.7        | -0.0     | 3.9                                                  | 0.0                               | 2.9            | -6.8          | -101.9         |
| 350                               | SLT | SLT 2121 Reducción de Pérdidas de Energía en Distribución   | 278.7       | 36.7                                                 | 0.0                               | 17.9           | 224.1        | 0.0      | 48.5                                                 | 0.0                               | 36.4           | -84.9         | -137.9         |

p./ Cifras preliminares. Las sumas de los parciales pueden no coincidir con los totales debido al redondeo.  
 1/ Considera los proyectos que entraron en operación comercial (con terminaciones parciales o totales).  
 N.A.: No aplica.  
 500< = La variación es menor a 500 por ciento.  
 Fuente: Comisión Federal de Electricidad.

### Flujo neto de proyectos de infraestructura productiva de largo plazo de inversión condicionada en operación <sup>p./</sup>

En términos de los artículos 107, fracción I, de la Ley Federal de Presupuesto y Responsabilidad Hacendaria y 205 de su Reglamento

Comisión Federal de Electricidad

Enero – junio 2019

(Millones de pesos a precios de 2019)

| Nombre del proyecto                                           | Ingresos        | Presupuestado   |                 |                 | Ingresos        | Ejercido        |                 |                 | Variación %   |
|---------------------------------------------------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|---------------|
|                                                               |                 | Cargos          |                 | Flujo neto      |                 | Cargos          |                 | Flujo neto      |               |
|                                                               |                 | Fijos           | Variables       |                 |                 | Fijos           | Variables       |                 |               |
|                                                               | (1)             | (2)             | (3)             | (4=1-2-3)       | (5)             | (6)             | (7)             | (8=5-6-7)       | (9=(8-4)/4)   |
| <b>Total</b>                                                  | <b>74,558.5</b> | <b>15,745.2</b> | <b>26,352.3</b> | <b>32,461.0</b> | <b>61,931.8</b> | <b>14,572.3</b> | <b>25,781.4</b> | <b>21,578.0</b> | <b>(33.5)</b> |
| 1 TRN Terminal de Carbón de la CT Pdte. Plutarco Elías Calles | 359.3           | 244.8           | 57.9            | 56.7            | 357.7           | 277.1           | 77.0            | 3.5             | (93.8)        |
| 2 CC Altamira II                                              | 2,845.5         | 273.1           | 736.9           | 1,835.5         | 2,897.4         | 277.3           | 1,033.5         | 1,586.7         | (13.6)        |
| 3 CC Bajío                                                    | 3,284.2         | 173.0           | 2,492.5         | 618.7           | 3,565.8         | 165.9           | 1,444.1         | 1,955.8         | 216.1         |
| 4 CC Campeche                                                 | 723.3           | 335.0           | 175.6           | 212.7           | 1,037.1         | 360.2           | 1,061.3         | (384.4)         | (280.8)       |
| 5 CC Hermosillo                                               | 1,352.6         | 339.1           | 360.1           | 653.4           | 698.7           | 260.4           | 205.9           | 232.4           | (64.4)        |
| 6 CT Mérida III                                               | 1,893.4         | 302.8           | 949.9           | 640.7           | 1,410.4         | 287.1           | 739.0           | 384.3           | (40.0)        |
| 7 CC Monterrey III                                            | 2,615.7         | 507.2           | 792.7           | 1,315.8         | 2,380.9         | 536.8           | 760.9           | 1,083.1         | (17.7)        |
| 8 CC Naco-Nogales                                             | 1,381.1         | 452.2           | 361.3           | 567.6           | 452.0           | 397.2           | 229.9           | (175.2)         | (130.9)       |
| 9 CC Río Bravo II                                             | 2,590.8         | 583.4           | 839.4           | 1,167.9         | 2,015.0         | 462.3           | 798.3           | 754.5           | (35.4)        |
| 10 CC Mexicali                                                | 1,866.7         | 276.7           | 645.5           | 944.5           | 556.4           | 198.9           | 189.9           | 167.6           | (82.2)        |
| 11 CC Saltillo                                                | 1,271.7         | 539.3           | 502.1           | 230.4           | 978.0           | 464.9           | 402.9           | 110.2           | (52.2)        |
| 12 CC Tuxpan II                                               | 2,659.5         | 362.4           | 1,671.7         | 625.4           | 3,421.5         | 350.0           | 1,176.6         | 1,894.9         | 203.0         |
| 13 TRN Gasoducto Cd. Pemex-Valladolid                         | 91.8            | 62.2            | 19.8            | 9.8             | 1,353.7         | 0.0             | 0.0             | 1,353.7         | >500          |
| 15 CC Altamira III y IV                                       | 6,595.6         | 1,504.5         | 2,175.7         | 2,915.3         | 4,770.5         | 1,468.3         | 2,095.2         | 1,207.0         | (58.6)        |
| 16 CC Chihuahua III                                           | 1,562.8         | 330.1           | 390.9           | 841.8           | 1,103.0         | 330.0           | 223.9           | 549.2           | (34.8)        |
| 17 CC La Laguna II                                            | 3,169.7         | 957.9           | 619.8           | 1,592.0         | 2,485.1         | 888.0           | 1,127.5         | 469.6           | (70.5)        |
| 18 CC Río Bravo III                                           | 1,891.4         | 423.0           | 720.3           | 748.1           | 1,393.0         | 279.3           | 474.2           | 639.5           | (14.5)        |
| 19 CC Tuxpan III y IV                                         | 6,401.8         | 1,265.8         | 1,333.6         | 3,802.4         | 2,861.0         | 1,265.2         | 2,077.4         | (481.6)         | (112.7)       |
| 20 CC Altamira V                                              | 6,234.6         | 1,204.0         | 3,940.6         | 1,090.0         | 5,304.3         | 1,153.1         | 2,975.0         | 1,176.2         | 7.9           |
| 21 CC Tamazunchale                                            | 7,037.3         | 1,374.7         | 3,501.3         | 2,161.4         | 7,331.0         | 1,541.2         | 1,991.6         | 3,798.1         | 75.7          |
| 24 CC Río Bravo IV                                            | 2,017.9         | 608.1           | 263.6           | 1,146.3         | 1,948.2         | 575.3           | 742.5           | 630.4           | (45.0)        |
| 25 CC Tuxpan V                                                | 3,298.5         | 684.8           | 132.1           | 2,481.6         | 3,409.3         | 734.7           | 917.8           | 1,756.9         | (29.2)        |
| 26 CC Valladolid III                                          | 2,131.6         | 529.9           | 538.9           | 1,062.8         | 1,991.0         | 528.2           | 812.0           | 650.7           | (38.8)        |
| 28 CCC Norte II                                               | 2,485.0         | 662.7           | 485.6           | 1,336.7         | 2,005.3         | 597.4           | 273.4           | 1,134.5         | (15.1)        |
| 29 CCC Norte                                                  | 3,201.9         | 980.2           | 425.4           | 1,796.3         | 2,049.3         | 789.0           | 785.6           | 474.7           | (73.6)        |
| 31 CE La Venta III                                            | 331.9           | 0.0             | 290.1           | 41.8            | 199.9           | 0.0             | 308.4           | (108.5)         | (359.8)       |
| 33 CE Oaxaca I                                                | 238.4           | 0.0             | 187.9           | 50.5            | 205.8           | 0.0             | 217.3           | (11.4)          | (122.6)       |
| 34 CE Oaxaca II y CE Oaxaca III y CE Oaxaca IV                | 883.8           | 0.0             | 663.6           | 220.1           | 698.7           | 0.0             | 828.3           | (129.5)         | (158.8)       |
| 36 CC Baja California III                                     | 808.2           | 284.1           | 398.5           | 125.6           | 733.7           | 276.6           | 285.2           | 171.9           | 36.8          |
| 38 CC Norte III (Juárez)                                      | 1,036.4         | 0.0             | 8.4             | 1,028.0         | 0.0             | 0.0             | 0.0             | 0.0             | (100.0)       |
| 40 CE Sureste I                                               | 252.3           | 0.0             | 150.5           | 101.8           | 259.8           | 0.0             | 184.4           | 75.4            | (25.9)        |
| 42 CC Noroeste                                                | 326.2           | 288.0           | 0.0             | 38.2            | 0.0             | 0.0             | 0.0             | 0.0             | (100.0)       |
| 43 CC Noreste                                                 | 1,717.5         | 196.2           | 520.1           | 1,001.2         | 2,058.2         | 107.7           | 1,342.6         | 607.9           | (39.3)        |

p./ Cifras preliminares. Las sumas de los parciales pueden no coincidir con los totales debido al redondeo.

>500 = La variación es mayor a 500 por ciento

Fuente: Comisión Federal de Electricidad.

## Compromisos de proyectos de infraestructura productiva de largo plazo de inversión directa en operación <sup>P/J</sup>

En términos de los artículos 107, fracción I, de la Ley Federal de Presupuesto y Responsabilidad Hacendaria y 205 de su Reglamento

Comisión Federal de Electricidad

Enero – junio 2019

(Millones de pesos a precios de 2019) <sup>\*J</sup>

| Nombre del Proyecto                                              | Costo de cierre  | Amortización ejercida |                |                  | Pasivo Directo  |                       |                 | Pasivo           |                  |
|------------------------------------------------------------------|------------------|-----------------------|----------------|------------------|-----------------|-----------------------|-----------------|------------------|------------------|
|                                                                  |                  | Hasta 2018            | Pagado en 2019 | Suma             | Real 2019       | Legal (Estimado 2020) | Suma            | Contingente      | Total            |
|                                                                  | (1)              | (2)                   | (3)            | (4=2+3)          | (5)             | (6)                   | (7=5+6)         | (8=1-4-7)        | (9=7+8)          |
| <b>Total</b>                                                     | <b>417,034.1</b> | <b>262,485.2</b>      | <b>7,068.5</b> | <b>269,553.7</b> | <b>11,667.1</b> | <b>16,415.2</b>       | <b>28,082.3</b> | <b>119,398.1</b> | <b>147,480.4</b> |
| <b>Cierres totales</b>                                           | <b>343,178.2</b> | <b>249,560.6</b>      | <b>5,355.3</b> | <b>254,915.9</b> | <b>8,382.5</b>  | <b>11,156.9</b>       | <b>19,539.4</b> | <b>68,722.8</b>  | <b>88,262.2</b>  |
| 1 CG Cerro Prieto IV <sup>U</sup>                                | 1,978.3          | 1,978.3               | 0.0            | 1,978.3          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 2 CC Chihuahua <sup>U</sup>                                      | 5,309.9          | 5,309.9               | 0.0            | 5,309.9          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 3 CCI Guerrero Negro II <sup>U</sup>                             | 525.8            | 525.8                 | 0.0            | 525.8            | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 4 CC Monterrey II <sup>U</sup>                                   | 5,518.2          | 5,518.2               | 0.0            | 5,518.2          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 5 CD Puerto San Carlos II <sup>U</sup>                           | 1,171.8          | 1,171.8               | 0.0            | 1,171.8          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 6 CC Rosarito III (Unidades 8 y 9) <sup>U</sup>                  | 5,893.6          | 5,893.6               | 0.0            | 5,893.6          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 7 CT Samalayuca II <sup>U</sup>                                  | 13,424.3         | 13,283.4              | 140.9          | 13,424.3         | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 9 LT 211 Cable Submarino <sup>U</sup>                            | 1,914.8          | 1,914.8               | 0.0            | 1,914.8          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 10 LT 214 y 215 Sureste - Peninsular <sup>U</sup>                | 2,512.1          | 2,512.1               | 0.0            | 2,512.1          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 11 LT 216 y 217 Noroeste <sup>U</sup>                            | 2,037.1          | 2,037.1               | 0.0            | 2,037.1          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 12 SE 212 y 213 SF6 Potencia y Distribución <sup>U</sup>         | 3,353.6          | 3,353.6               | 0.0            | 3,353.6          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 13 SE 218 Noroeste <sup>U</sup>                                  | 969.8            | 969.8                 | 0.0            | 969.8            | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 14 SE 219 Sureste - Peninsular <sup>U</sup>                      | 646.3            | 646.3                 | 0.0            | 646.3            | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 15 SE 220 Oriental - Centro <sup>U</sup>                         | 1,203.2          | 1,203.2               | 0.0            | 1,203.2          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 16 SE 221 Occidental <sup>U</sup>                                | 1,388.2          | 1,388.2               | 0.0            | 1,388.2          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 17 LT 301 Centro <sup>U</sup>                                    | 852.8            | 852.8                 | 0.0            | 852.8            | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 18 LT 302 Sureste <sup>U</sup>                                   | 787.9            | 787.9                 | 0.0            | 787.9            | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 19 LT 303 Ixtapa - Pie de la Cuesta <sup>U</sup>                 | 529.9            | 529.9                 | 0.0            | 529.9            | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 20 LT 304 Noroeste <sup>U</sup>                                  | 540.3            | 540.3                 | 0.0            | 540.3            | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 21 SE 305 Centro - Oriente <sup>U</sup>                          | 698.4            | 698.4                 | 0.0            | 698.4            | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 22 SE 306 Sureste <sup>U</sup>                                   | 861.3            | 861.3                 | 0.0            | 861.3            | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 23 SE 307 Noreste <sup>U</sup>                                   | 466.0            | 466.0                 | 0.0            | 466.0            | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 24 SE 308 Noroeste <sup>U</sup>                                  | 844.8            | 844.8                 | 0.0            | 844.8            | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 25 CG Los Azufres II y Campo Geotérmico <sup>U</sup>             | 2,516.0          | 2,516.0               | 0.0            | 2,516.0          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 26 CH Manuel Moreno Torres (2a. Etapa) <sup>U</sup>              | 2,198.1          | 2,198.1               | 0.0            | 2,198.1          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 27 LT 406 Red Asociada a Tuxpan II, III y IV <sup>U</sup>        | 2,334.4          | 2,334.4               | 0.0            | 2,334.4          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 28 LT 407 Red Asociada a Altamira II, III y IV <sup>U</sup>      | 6,389.6          | 6,389.6               | 0.0            | 6,389.6          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 29 LT 408 Naco - Nogales - Área Noroeste <sup>U</sup>            | 854.3            | 854.3                 | 0.0            | 854.3            | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 30 LT 411 Sistema Nacional <sup>U</sup>                          | 2,521.1          | 2,521.1               | 0.0            | 2,521.1          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 31 LT Manuel Moreno Torres Red Asociada (2a. Etapa) <sup>U</sup> | 5,274.8          | 5,274.8               | 0.0            | 5,274.8          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 32 SE 401 Occidental - Central <sup>U</sup>                      | 1,231.0          | 1,231.0               | 0.0            | 1,231.0          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 33 SE 402 Oriental-Peninsular <sup>U</sup>                       | 1,485.5          | 1,485.5               | 0.0            | 1,485.5          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 34 SE 403 Noreste <sup>U</sup>                                   | 1,387.9          | 1,387.9               | 0.0            | 1,387.9          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 35 SE 404 Noroeste - Norte <sup>U</sup>                          | 775.3            | 775.3                 | 0.0            | 775.3            | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 36 SE 405 Compensación Alta Tensión <sup>U</sup>                 | 164.4            | 164.4                 | 0.0            | 164.4            | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 37 SE 410 Sistema Nacional <sup>U</sup>                          | 3,315.3          | 3,315.3               | 0.0            | 3,315.3          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 38 CC El Sauz conversión de TG a CC <sup>U</sup>                 | 2,179.0          | 2,179.0               | 0.0            | 2,179.0          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 39 LT 414 Norte-Occidental <sup>U</sup>                          | 1,257.2          | 1,257.2               | 0.0            | 1,257.2          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 40 LT 502 Oriental - Norte <sup>U</sup>                          | 283.4            | 283.4                 | 0.0            | 283.4            | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 41 LT 506 Saltillo-Cañada <sup>U</sup>                           | 4,734.4          | 4,734.4               | 0.0            | 4,734.4          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 42 LT Red Asociada de la Central Tamazunchale <sup>U</sup>       | 2,056.0          | 2,056.0               | 0.0            | 2,056.0          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 43 LT Red Asociada de la Central Río Bravo III <sup>U</sup>      | 837.6            | 837.6                 | 0.0            | 837.6            | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 44 SE 412 Compensación Norte <sup>U</sup>                        | 421.1            | 421.1                 | 0.0            | 421.1            | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 45 SE 413 Noroeste - Occidental <sup>U</sup>                     | 1,096.8          | 1,096.8               | 0.0            | 1,096.8          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 46 SE 503 Oriental <sup>U</sup>                                  | 409.7            | 409.7                 | 0.0            | 409.7            | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 47 SE 504 Norte - Occidental <sup>U</sup>                        | 857.6            | 857.6                 | 0.0            | 857.6            | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 48 CCI Baja California Sur I <sup>U</sup>                        | 1,072.1          | 1,072.1               | 0.0            | 1,072.1          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 49 LT 609 Transmisión Noroeste - Occidental <sup>U</sup>         | 2,428.6          | 2,428.6               | 0.0            | 2,428.6          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |
| 50 LT 610 Transmisión Noroeste - Norte <sup>U</sup>              | 2,919.0          | 2,919.0               | 0.0            | 2,919.0          | 0.0             | 0.0                   | 0.0             | 0.0              | 0.0              |

### Compromisos de proyectos de infraestructura productiva de largo plazo de inversión directa en operación <sup>P/J</sup>

En términos de los artículos 107, fracción I, de la Ley Federal de Presupuesto y Responsabilidad Hacendaria y 205 de su Reglamento

Comisión Federal de Electricidad

Enero – junio 2019

(Millones de pesos a precios de 2019) <sup>\*./</sup>

| Nombre del Proyecto                                                             | Costo de cierre | Amortización ejercida |                |          | Pasivo Directo |                       |         | Pasivo      |         |
|---------------------------------------------------------------------------------|-----------------|-----------------------|----------------|----------|----------------|-----------------------|---------|-------------|---------|
|                                                                                 |                 | Hasta 2018            | Pagado en 2019 | Suma     | Real 2019      | Legal (Estimado 2020) | Suma    | Contingente | Total   |
|                                                                                 | (1)             | (2)                   | (3)            | (4=2+3)  | (5)            | (6)                   | (7=5+6) | (8=1-4-7)   | (9=7+8) |
| 51 LT 612 Subtransmisión Norte-Noroeste <sup>./</sup>                           | 548.0           | 548.0                 | 0.0            | 548.0    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 52 LT 613 SubTransmisión Occidental <sup>./</sup>                               | 526.8           | 526.8                 | 0.0            | 526.8    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 53 LT 614 Subtransmisión Oriental <sup>./</sup>                                 | 319.1           | 319.1                 | 0.0            | 319.1    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 54 LT 615 Subtransmisión Peninsular <sup>./</sup>                               | 497.5           | 497.5                 | 0.0            | 497.5    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 55 LT Red Asociada de Transmisión de la CCI Baja California Sur I <sup>./</sup> | 405.5           | 405.5                 | 0.0            | 405.5    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 57 LT 1012 Red de Transmisión asociada a la CCC Baja California <sup>./</sup>   | 263.4           | 263.4                 | 0.0            | 263.4    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 58 SE 607 Sistema Bajío - Oriental <sup>./</sup>                                | 1,492.9         | 1,492.9               | 0.0            | 1,492.9  | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 59 SE 611 Subtransmisión Baja California-Noroeste <sup>./</sup>                 | 579.9           | 579.9                 | 0.0            | 579.9    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 60 SUV Suministro de Vapor a las Centrales de Cerro Prieto <sup>./</sup>        | 2,170.2         | 2,170.2               | 0.0            | 2,170.2  | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 61 CC Hermosillo Conversión de TG a CC <sup>./</sup>                            | 1,473.9         | 1,473.9               | 0.0            | 1,473.9  | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 62 CCC Pacífico                                                                 | 12,137.9        | 10,910.1              | 393.6          | 11,303.7 | 444.8          | 312.5                 | 757.4   | 76.8        | 834.2   |
| 63 CH El Cajón                                                                  | 15,956.4        | 6,322.7               | 267.6          | 6,590.3  | 267.6          | 535.2                 | 802.8   | 8,563.3     | 9,366.1 |
| 64 LT Líneas Centro <sup>./</sup>                                               | 128.1           | 128.1                 | 0.0            | 128.1    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 65 LT Red de Transmisión Asociada a la CH el Cajón <sup>./</sup>                | 1,307.8         | 1,307.8               | 0.0            | 1,307.8  | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 66 LT Red de Transmisión Asociada a Altamira V <sup>./</sup>                    | 1,435.3         | 1,435.3               | 0.0            | 1,435.3  | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 67 Red de Transmisión Asociada a La Laguna II <sup>./</sup>                     | 391.5           | 391.5                 | 0.0            | 391.5    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 68 LT Red de Transmisión Asociada a el Pacífico                                 | 1,777.3         | 1,361.5               | 80.0           | 1,441.5  | 90.3           | 100.2                 | 190.5   | 145.3       | 335.8   |
| 69 LT 707 Enlace Norte-Sur <sup>./</sup>                                        | 635.8           | 635.8                 | 0.0            | 635.8    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 70 LT Riviera Maya <sup>./</sup>                                                | 710.5           | 710.5                 | 0.0            | 710.5    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 71 PRR Presa Reguladora Amata <sup>./</sup>                                     | 259.9           | 259.9                 | 0.0            | 259.9    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 72 RM Adolfo López Mateos <sup>./</sup>                                         | 591.7           | 591.7                 | 0.0            | 591.7    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 73 RM Altamira                                                                  | 810.6           | 729.5                 | 40.5           | 770.1    | 40.5           | 0.0                   | 40.5    | 0.0         | 40.5    |
| 74 RM Botello <sup>./</sup>                                                     | 121.5           | 121.5                 | 0.0            | 121.5    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 75 RM Carbón II <sup>./</sup>                                                   | 221.2           | 221.2                 | 0.0            | 221.2    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 76 RM Carlos Rodríguez Rivero <sup>./</sup>                                     | 359.3           | 359.3                 | 0.0            | 359.3    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 77 RM Dos Bocas <sup>./</sup>                                                   | 275.7           | 275.7                 | 0.0            | 275.7    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 78 RM Emilio Portes Gil <sup>./</sup>                                           | 4.7             | 4.7                   | 0.0            | 4.7      | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 79 RM Francisco Pérez Ríos <sup>./</sup>                                        | 2,438.7         | 2,438.7               | 0.0            | 2,438.7  | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 80 RM Gomez Palacio <sup>./</sup>                                               | 564.6           | 564.6                 | 0.0            | 564.6    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 82 RM Huinalá <sup>./</sup>                                                     | 11.5            | 11.5                  | 0.0            | 11.5     | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 83 RM Ixtaczoquitlán <sup>./</sup>                                              | 17.5            | 17.5                  | 0.0            | 17.5     | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 84 RM José Aceves Pozos (Mazatlán II) <sup>./</sup>                             | 258.6           | 258.6                 | 0.0            | 258.6    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 87 RM Gral. Manuel Álvarez Moreno (Manzanillo) <sup>./</sup>                    | 941.9           | 941.9                 | 0.0            | 941.9    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 90 RM CT Puerto Libertad <sup>./</sup>                                          | 257.3           | 257.3                 | 0.0            | 257.3    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 91 RM Punta Prieta <sup>./</sup>                                                | 220.5           | 220.5                 | 0.0            | 220.5    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 92 RM Salamanca <sup>./</sup>                                                   | 619.3           | 619.3                 | 0.0            | 619.3    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 93 RM Tuxpango <sup>./</sup>                                                    | 332.5           | 332.5                 | 0.0            | 332.5    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 94 RM CT Valle de México <sup>./</sup>                                          | 110.8           | 110.8                 | 0.0            | 110.8    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 95 SE Norte <sup>./</sup>                                                       | 147.5           | 147.5                 | 0.0            | 147.5    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 98 SE 705 Capacitores <sup>./</sup>                                             | 66.6            | 66.6                  | 0.0            | 66.6     | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 99 SE 708 Compensación Dinámicas Oriental -Norte <sup>./</sup>                  | 857.9           | 857.9                 | 0.0            | 857.9    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 100 SLT 701 Occidente-Centro <sup>./</sup>                                      | 1,524.2         | 1,524.2               | 0.0            | 1,524.2  | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 101 SLT 702 Sureste-Peninsular <sup>./</sup>                                    | 533.8           | 526.8                 | 7.0            | 533.8    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 102 SLT 703 Noreste-Norte <sup>./</sup>                                         | 369.3           | 369.3                 | 0.0            | 369.3    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 103 SLT 704 Baja California -Noroeste <sup>./</sup>                             | 128.1           | 128.1                 | 0.0            | 128.1    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 104 SLT 706 Sistemas- Norte                                                     | 3,566.3         | 3,354.4               | 0.8            | 3,355.2  | 9.9            | 10.7                  | 20.6    | 190.4       | 211.1   |
| 105 SLT 709 Sistemas Sur <sup>./</sup>                                          | 1,942.4         | 1,942.4               | 0.0            | 1,942.4  | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 106 CC Conversión El Encino de TG a CC <sup>./</sup>                            | 1,426.2         | 1,426.2               | 0.0            | 1,426.2  | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 107 CCI Baja California Sur II <sup>./</sup>                                    | 1,158.0         | 1,158.0               | 0.0            | 1,158.0  | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |
| 108 LT 807 Durango I <sup>./</sup>                                              | 655.9           | 655.9                 | 0.0            | 655.9    | 0.0            | 0.0                   | 0.0     | 0.0         | 0.0     |

## Compromisos de proyectos de infraestructura productiva de largo plazo de inversión directa en operación <sup>P/J</sup>

En términos de los artículos 107, fracción I, de la Ley Federal de Presupuesto y Responsabilidad Hacendaria y 205 de su Reglamento

Comisión Federal de Electricidad

Enero – junio 2019

(Millones de pesos a precios de 2019) <sup>\*J</sup>

| Nombre del Proyecto                                                   | Costo de cierre | Amortización ejercida |                |         | Pasivo Directo |                       |           | Pasivo      |          |
|-----------------------------------------------------------------------|-----------------|-----------------------|----------------|---------|----------------|-----------------------|-----------|-------------|----------|
|                                                                       |                 | Hasta 2018            | Pagado en 2019 | Suma    | Real 2019      | Legal (Estimado 2020) | Suma      | Contingente | Total    |
| (1)                                                                   | (2)             | (3)                   | (4=2+3)        | (5)     | (6)            | (7=5+6)               | (8=1-4-7) | (9=7+8)     |          |
| 110 RM CCC Tula <sup>U</sup>                                          | 100.5           | 100.5                 | 0.0            | 100.5   | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 111 RM CGT Cerro Prieto                                               | 602.5           | 542.3                 | 30.1           | 572.4   | 30.1           | 0.0                   | 30.1      | 0.0         | 30.1     |
| 112 RM CT Carbón II Unidades 2 y 4 <sup>U</sup>                       | 262.1           | 262.1                 | 0.0            | 262.1   | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 113 RM CT Emilio Portes Gil Unidad 4 <sup>U</sup>                     | 686.3           | 686.3                 | 0.0            | 686.3   | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 114 RM CT Francisco Pérez Ríos Unidad 5 <sup>U</sup>                  | 584.9           | 584.9                 | 0.0            | 584.9   | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 117 RM CT Pdte. Adolfo López Mateos Unidades 3, 4, 5 y 6 <sup>U</sup> | 846.2           | 846.2                 | 0.0            | 846.2   | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 118 RM CT Pdte. Plutarco Elías Calles Unidades 1 y 2 <sup>U</sup>     | 394.8           | 394.8                 | 0.0            | 394.8   | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 122 SE 811 Noroeste <sup>U</sup>                                      | 206.8           | 206.8                 | 0.0            | 206.8   | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 123 SE 812 Golfo Norte <sup>U</sup>                                   | 101.4           | 101.4                 | 0.0            | 101.4   | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 124 SE 813 División Bajío <sup>U</sup>                                | 1,030.0         | 1,030.0               | 0.0            | 1,030.0 | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 126 SLT 801 Altiplano <sup>U</sup>                                    | 1,617.4         | 1,617.4               | 0.0            | 1,617.4 | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 127 SLT 802 Tamaulipas <sup>U</sup>                                   | 1,364.1         | 1,364.1               | 0.0            | 1,364.1 | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 128 SLT 803 Noine <sup>U</sup>                                        | 1,272.2         | 1,272.2               | 0.0            | 1,272.2 | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 130 SLT 806 Bajío                                                     | 1,756.4         | 1,677.4               | 0.0            | 1,677.4 | 52.7           | 26.3                  | 79.0      | 0.0         | 79.0     |
| 132 CE La Venta II                                                    | 2,089.9         | 1,602.3               | 69.7           | 1,671.9 | 69.7           | 139.3                 | 209.0     | 209.0       | 418.0    |
| 136 LT Red Asociada Transmisión de la CE La Venta II <sup>U</sup>     | 130.2           | 130.2                 | 0.0            | 130.2   | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 138 SE 911 Noreste <sup>U</sup>                                       | 171.5           | 171.5                 | 0.0            | 171.5   | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 139 SE 912 División Oriente <sup>U</sup>                              | 229.2           | 223.0                 | 6.1            | 229.2   | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 140 SE 914 División Centro Sur                                        | 250.4           | 160.6                 | 7.1            | 167.7   | 11.5           | 14.2                  | 25.7      | 56.9        | 82.7     |
| 141 SE 915 Occidental <sup>U</sup>                                    | 222.5           | 222.5                 | 0.0            | 222.5   | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 142 SLT 901 Pacífico <sup>U</sup>                                     | 798.0           | 798.0                 | 0.0            | 798.0   | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 143 SLT 902 Istmo <sup>U</sup>                                        | 1,541.8         | 1,541.8               | 0.0            | 1,541.8 | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 144 SLT 903 Cabo - Norte <sup>U</sup>                                 | 1,058.8         | 1,058.8               | 0.0            | 1,058.8 | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 146 CH La Yesca                                                       | 23,930.2        | 6,009.2               | 501.4          | 6,510.7 | 580.6          | 1,082.1               | 1,662.7   | 15,756.9    | 17,419.6 |
| 147 CCC Baja California <sup>U</sup>                                  | 3,336.8         | 3,170.0               | 166.8          | 3,336.8 | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 148 RFO Red de Fibra Óptica Proyecto Sur                              | 528.8           | 526.9                 | 0.9            | 527.9   | 0.9            | 0.0                   | 0.9       | 0.0         | 0.9      |
| 149 RFO Red de Fibra Óptica Proyecto Centro <sup>U</sup>              | 857.1           | 857.1                 | 0.0            | 857.1   | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 150 RFO Red de Fibra Óptica Proyecto Norte                            | 907.6           | 901.3                 | 1.6            | 902.9   | 1.6            | 3.1                   | 4.7       | 0.0         | 4.7      |
| 151 SE 1006 Central----Sur                                            | 296.8           | 199.5                 | 3.8            | 203.3   | 25.9           | 29.7                  | 55.6      | 38.0        | 93.5     |
| 152 SE 1005 Noroeste                                                  | 1,161.9         | 1,009.0               | 17.0           | 1,026.0 | 17.0           | 34.1                  | 51.1      | 84.8        | 135.9    |
| 156 RM Infiernillo                                                    | 323.5           | 296.4                 | 3.9            | 300.2   | 19.4           | 3.9                   | 23.3      | 0.0         | 23.3     |
| 157 RM CT Francisco Pérez Ríos Unidades 1 y 2                         | 2,913.1         | 2,621.8               | 74.3           | 2,696.0 | 217.0          | 0.0                   | 217.0     | 0.0         | 217.0    |
| 158 RM CT Puerto Libertad Unidad 4 <sup>U</sup>                       | 252.4           | 252.4                 | 0.0            | 252.4   | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 159 RM CT Valle de México Unidades 5, 6 y 7 <sup>U</sup>              | 86.1            | 86.1                  | 0.0            | 86.1    | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 160 RM CCC Samalayuca II <sup>U</sup>                                 | 20.8            | 20.8                  | 0.0            | 20.8    | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 161 RM CCC El Sauz <sup>U</sup>                                       | 80.9            | 80.9                  | 0.0            | 80.9    | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 162 RM CCC Huinalá II <sup>U</sup>                                    | 36.3            | 36.3                  | 0.0            | 36.3    | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 163 SE 1004 Compensación Dinámica Área Central <sup>U</sup>           | 299.5           | 299.5                 | 0.0            | 299.5   | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 164 SE 1003 Subestaciones Eléctricas de Occidente                     | 747.4           | 577.2                 | 11.9           | 589.1   | 69.8           | 52.8                  | 122.6     | 35.7        | 158.3    |
| 165 LT Red Transmisión Asociada a la CC San Lorenzo <sup>U</sup>      | 111.6           | 111.6                 | 0.0            | 111.6   | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 166 SLT 1002 Compensación y Transmisión Noreste - Sureste             | 1,161.4         | 1,120.1               | 0.0            | 1,120.1 | 41.3           | 0.0                   | 41.3      | 0.0         | 41.3     |
| 167 CC San Lorenzo Conversión de TG a CC                              | 2,759.6         | 1,655.8               | 92.0           | 1,747.8 | 92.0           | 184.0                 | 276.0     | 735.9       | 1,011.9  |
| 168 SLT 1001 Red de Transmisión Baja-Nogales <sup>U</sup>             | 627.2           | 627.2                 | 0.0            | 627.2   | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0      |
| 170 LT Red de Transmisión Asociada a la CH La Yesca                   | 1,529.1         | 1,009.7               | 76.5           | 1,086.2 | 76.5           | 152.9                 | 229.4     | 213.5       | 442.9    |
| 176 LT Red de Transmisión asociada a la CC Agua Prieta II             | 688.9           | 436.9                 | 0.0            | 436.9   | 72.0           | 72.0                  | 144.0     | 108.0       | 252.0    |
| 177 LT Red de Transmisión Asociada a la CE La Venta III               | 23.6            | 21.3                  | 0.0            | 21.3    | 2.4            | 0.0                   | 2.4       | 0.0         | 2.4      |
| 181 RM CN Laguna Verde                                                | 12,339.5        | 6,727.7               | 261.4          | 6,989.1 | 261.4          | 522.9                 | 784.3     | 4,566.1     | 5,350.4  |



### Compromisos de proyectos de infraestructura productiva de largo plazo de inversión directa en operación <sup>P/L</sup>

En términos de los artículos 107, fracción I, de la Ley Federal de Presupuesto y Responsabilidad Hacendaria y 205 de su Reglamento

Comisión Federal de Electricidad

Enero – junio 2019

(Millones de pesos a precios de 2019) <sup>\*./</sup>

| Nombre del Proyecto                                                             | Costo de cierre | Amortización ejercida |                |          | Pasivo Directo |                       |           | Pasivo      |         |
|---------------------------------------------------------------------------------|-----------------|-----------------------|----------------|----------|----------------|-----------------------|-----------|-------------|---------|
|                                                                                 |                 | Hasta 2018            | Pagado en 2019 | Suma     | Real 2019      | Legal (Estimado 2020) | Suma      | Contingente | Total   |
| (1)                                                                             | (2)             | (3)                   | (4=2+3)        | (5)      | (6)            | (7=5+6)               | (8=1-4-7) | (9=7+8)     |         |
| 182 RM CT Puerto Libertad Unidades 2 y 3 <sup>./</sup>                          | 611.7           | 611.7                 | 0.0            | 611.7    | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0     |
| 183 RM CT Punta Prieta Unidad 2 <sup>./</sup>                                   | 110.2           | 110.2                 | 0.0            | 110.2    | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0     |
| 185 SE 1110 Compensación Capacitiva del Norte                                   | 444.2           | 299.6                 | 18.2           | 317.8    | 32.1           | 42.6                  | 74.7      | 51.6        | 126.4   |
| 189 SE 1117 Transformación de Guaymas                                           | 307.2           | 210.2                 | 12.4           | 222.6    | 19.1           | 28.2                  | 47.3      | 37.3        | 84.5    |
| 190 SE 1120 Noroeste                                                            | 943.5           | 642.1                 | 17.4           | 659.5    | 71.7           | 69.3                  | 141.0     | 142.9       | 284.0   |
| 191 SE 1121 Baja California                                                     | 104.8           | 74.1                  | 1.9            | 76.0     | 7.1            | 6.4                   | 13.6      | 15.2        | 28.8    |
| 192 SE 1122 Golfo Norte                                                         | 740.1           | 562.1                 | 37.1           | 599.2    | 38.6           | 20.5                  | 59.0      | 81.8        | 140.9   |
| 193 SE 1123 Norte                                                               | 72.9            | 61.9                  | 0.0            | 61.9     | 7.3            | 3.6                   | 10.9      | 0.0         | 10.9    |
| 194 SE 1124 Bajío Centro                                                        | 750.7           | 583.2                 | 13.5           | 596.7    | 65.2           | 52.8                  | 117.9     | 36.1        | 154.1   |
| 195 SE 1125 Distribución                                                        | 1,852.2         | 1,497.0               | 89.9           | 1,586.9  | 87.8           | 127.4                 | 215.2     | 50.1        | 265.3   |
| 197 SE 1127 Sureste                                                             | 304.7           | 255.1                 | 3.8            | 259.0    | 26.6           | 19.1                  | 45.7      | 0.0         | 45.7    |
| 198 SE 1128 Centro Sur                                                          | 384.4           | 233.1                 | 16.5           | 249.6    | 24.1           | 36.8                  | 60.8      | 73.9        | 134.8   |
| 199 SE 1129 Compensación redes                                                  | 296.7           | 240.4                 | 3.1            | 243.4    | 16.5           | 12.2                  | 28.7      | 24.6        | 53.3    |
| 200 SLT 1111 Transmisión y Transformación del Central - Occidental              | 1,336.1         | 801.8                 | 24.2           | 826.0    | 112.8          | 136.9                 | 249.7     | 260.4       | 510.1   |
| 201 SLT 1112 Transmisión y Transformación del Noroeste                          | 1,693.0         | 1,062.5               | 37.1           | 1,099.6  | 137.2          | 112.5                 | 249.7     | 343.7       | 593.4   |
| 202 SLT 1114 Transmisión y Transformación del Oriental                          | 2,509.2         | 1,371.4               | 77.0           | 1,448.4  | 195.7          | 272.8                 | 468.5     | 592.3       | 1,060.7 |
| 203 SLT 1118 Transmisión y Transformación del Norte                             | 705.8           | 601.7                 | 8.7            | 610.4    | 8.7            | 17.3                  | 26.0      | 69.4        | 95.4    |
| 204 SLT 1119 Transmisión y Transformación del Sureste                           | 2,038.4         | 1,783.5               | 84.8           | 1,868.3  | 135.0          | 35.1                  | 170.1     | 0.0         | 170.1   |
| 205 SUV Suministro de 970 T/h a las Centrales de Cerro Prieto                   | 2,230.4         | 2,015.2               | 33.3           | 2,048.5  | 151.2          | 30.7                  | 181.9     | 0.0         | 181.9   |
| 206 SE 1206 Conversión a 400 kV de la LT Mazatlán II - La Higuera <sup>./</sup> | 806.7           | 766.4                 | 40.3           | 806.7    | 0.0            | 0.0                   | 0.0       | 0.0         | 0.0     |
| 207 SE 1213 Compensación de Redes                                               | 917.7           | 787.7                 | 29.0           | 816.7    | 60.1           | 29.4                  | 89.5      | 11.5        | 101.1   |
| 208 SE 1205 Compensación Oriental - Peninsular                                  | 179.8           | 107.9                 | 6.0            | 113.9    | 6.0            | 12.0                  | 18.0      | 47.9        | 65.9    |
| 210 SLT 1204 Conversión a 400 kV del Área Peninsular                            | 2,645.9         | 2,225.6               | 15.5           | 2,241.0  | 254.5          | 150.4                 | 404.9     | 0.0         | 404.9   |
| 211 SLT 1203 Transmisión y Transformación Oriental - Sureste                    | 3,491.6         | 2,757.4               | 81.9           | 2,839.4  | 271.8          | 249.9                 | 521.7     | 130.5       | 652.2   |
| 213 SE 1211 Noreste - Central                                                   | 1,162.9         | 412.4                 | 37.9           | 450.3    | 62.3           | 93.8                  | 156.2     | 556.4       | 712.6   |
| 215 SLT 1201 Transmisión y Transformación de Baja California                    | 1,189.0         | 664.9                 | 33.5           | 698.4    | 79.5           | 76.6                  | 156.1     | 334.5       | 490.6   |
| 216 RM CCC Poza Rica                                                            | 2,882.3         | 820.9                 | 144.8          | 965.7    | 144.8          | 289.6                 | 434.4     | 1,482.2     | 1,916.6 |
| 217 RM CCC El Sauz Paquete 1                                                    | 3,037.1         | 1,198.2               | 42.6           | 1,240.8  | 205.5          | 248.2                 | 453.7     | 1,342.7     | 1,796.3 |
| 218 LT Red de Trans Asoc al proy de temp abierta y Oax. II, III, IV             | 749.8           | 658.4                 | 30.1           | 688.5    | 50.9           | 10.4                  | 61.3      | 0.0         | 61.3    |
| 219 SLT Red de Transmisión Asociada a Manzanillo I U-1 y 2                      | 814.4           | 570.1                 | 40.7           | 610.8    | 40.7           | 81.4                  | 122.2     | 81.4        | 203.6   |
| 222 CC CC Repotenciación CT Manzanillo I U-1 y 2                                | 20,087.4        | 10,706.5              | 756.6          | 11,463.1 | 1,049.7        | 1,800.7               | 2,850.4   | 5,773.9     | 8,624.3 |
| 223 LT Red de Transmisión asociada a la CG Los Humeros II                       | 82.9            | 68.4                  | 0.0            | 68.4     | 9.7            | 4.8                   | 14.5      | 0.0         | 14.5    |
| 225 LT Red de Transmisión asociada a la CI Guerrero Negro III                   | 23.7            | 17.8                  | 1.2            | 19.0     | 1.2            | 2.4                   | 3.6       | 1.2         | 4.7     |
| 226 CCI CI Guerrero Negro III                                                   | 484.2           | 121.0                 | 24.2           | 145.2    | 24.2           | 48.4                  | 72.6      | 266.3       | 338.9   |
| 227 CG Los Humeros II                                                           | 2,030.4         | 1,282.4               | 106.9          | 1,389.3  | 106.9          | 213.7                 | 320.6     | 320.6       | 641.2   |
| 228 LT Red de Transmisión asociada a la CCC Norte II                            | 373.4           | 235.5                 | 19.6           | 255.1    | 19.6           | 39.3                  | 58.9      | 59.3        | 118.3   |
| 229 CT TG Baja California II                                                    | 1,988.4         | 1,085.2               | 60.7           | 1,145.9  | 156.4          | 217.0                 | 373.4     | 469.1       | 842.6   |
| 231 SLT 1304 Transmisión y Transformación del Oriental                          | 122.9           | 104.5                 | 0.0            | 104.5    | 12.3           | 6.1                   | 18.4      | 0.0         | 18.4    |
| 233 SLT 1303 Transmisión y Transformación Baja - Noroeste                       | 164.2           | 139.6                 | 0.0            | 139.6    | 16.4           | 8.2                   | 24.6      | 0.0         | 24.6    |
| 234 SLT 1302 Transformación del Noreste                                         | 685.5           | 36.3                  | 0.0            | 36.3     | 30.5           | 30.5                  | 61.1      | 588.1       | 649.2   |
| 235 CCI Baja California Sur IV                                                  | 1,873.4         | 839.3                 | 94.0           | 933.4    | 94.0           | 188.0                 | 282.0     | 658.1       | 940.1   |
| 236 CCI Baja California Sur III                                                 | 1,759.3         | 1,143.6               | 0.0            | 1,143.6  | 175.9          | 175.9                 | 351.9     | 263.9       | 615.8   |

## Compromisos de proyectos de infraestructura productiva de largo plazo de inversión directa en operación <sup>P./</sup>

En términos de los artículos 107, fracción I, de la Ley Federal de Presupuesto y Responsabilidad Hacendaria y 205 de su Reglamento

Comisión Federal de Electricidad

Enero – junio 2019

(Millones de pesos a precios de 2019) <sup>\*./</sup>

|     | Nombre del Proyecto                                               | Costo de<br>cierre | Amortización ejercida |                      |                 | Pasivo Directo |                             |                | Pasivo          |                 |
|-----|-------------------------------------------------------------------|--------------------|-----------------------|----------------------|-----------------|----------------|-----------------------------|----------------|-----------------|-----------------|
|     |                                                                   |                    | Hasta 2018            | Pagado<br>en<br>2019 | Suma            | Real<br>2019   | Legal<br>(Estimado<br>2020) | Suma           | Contingente     | Total           |
|     |                                                                   |                    |                       |                      |                 |                |                             |                |                 |                 |
|     |                                                                   | (1)                | (2)                   | (3)                  | (4=2+3)         | (5)            | (6)                         | (7=5+6)        | (8=1-4-7)       | (9=7+8)         |
| 237 | LT 1313 Red asociada a Baja California III                        | 220.8              | 59.7                  | 7.8                  | 67.5            | 14.3           | 22.1                        | 36.4           | 116.9           | 153.3           |
| 243 | SE 1322 Distribución Centro                                       | 1,629.2            | 575.2                 | 80.2                 | 655.5           | 91.3           | 166.0                       | 257.3          | 716.4           | 973.8           |
| 244 | SE 1321 Distribución Noreste                                      | 1,308.6            | 738.3                 | 42.9                 | 781.2           | 91.2           | 110.4                       | 201.6          | 325.8           | 527.4           |
| 247 | SLT SLT 1404 Subestaciones del Oriente                            | 362.7              | 203.8                 | 6.5                  | 210.3           | 32.5           | 39.0                        | 71.5           | 80.9            | 152.4           |
| 248 | SLT 1401 SEs y LTs de las Áreas Baja California y Noroeste        | 1,189.2            | 815.6                 | 30.5                 | 846.1           | 90.6           | 113.9                       | 204.5          | 138.6           | 343.1           |
| 250 | SLT 1402 Cambio de Tensión de la LT Culiacán - Los Mochis         | 857.9              | 673.9                 | 13.2                 | 687.1           | 83.1           | 61.3                        | 144.4          | 26.4            | 170.8           |
| 251 | SE 1421 Distribución Sur                                          | 491.2              | 179.9                 | 19.8                 | 199.7           | 24.2           | 44.0                        | 68.2           | 223.2           | 291.4           |
| 252 | SE 1403 Compensación Capacitiva de las Áreas Noroeste - Norte     | 151.6              | 127.6                 | 0.0                  | 127.6           | 16.0           | 8.0                         | 23.9           | 0.0             | 23.9            |
| 253 | SE 1420 Distribucion Norte                                        | 631.6              | 187.0                 | 21.2                 | 208.3           | 38.6           | 59.8                        | 98.4           | 325.0           | 423.4           |
| 259 | SE 1521 Distribución Sur                                          | 641.2              | 135.8                 | 19.7                 | 155.5           | 29.7           | 49.4                        | 79.0           | 406.6           | 485.7           |
| 260 | SE 1520 Distribución Norte                                        | 200.9              | 13.1                  | 0.6                  | 13.7            | 7.0            | 7.6                         | 14.6           | 172.6           | 187.2           |
| 262 | SLT 1601 Transmisión y Transformación Noroeste - Norte            | 720.5              | 400.6                 | 7.3                  | 408.0           | 69.0           | 76.3                        | 145.3          | 167.2           | 312.5           |
| 267 | SLT 1604 Transmisión Ayotla-Chalco                                | 456.6              | 168.7                 | 24.0                 | 192.7           | 24.0           | 48.0                        | 72.0           | 191.9           | 263.9           |
| 269 | LT Red de Transmisión Asociada a la CI Guerrero Negro IV          | 55.2               | 20.3                  | 2.9                  | 23.2            | 2.9            | 5.8                         | 8.7            | 23.2            | 32.0            |
| 275 | CG Los Azufres III (Fase I)                                       | 1,336.3            | 492.3                 | 70.3                 | 562.6           | 70.3           | 140.7                       | 211.0          | 562.6           | 773.6           |
| 283 | LT Red de Transmisión Asociada al CC Norte III                    | 397.9              | 0.0                   | 0.0                  | 0.0             | 19.9           | 39.8                        | 59.7           | 338.2           | 397.9           |
| 286 | CCI Baja California Sur V                                         | 2,046.5            | 511.6                 | 102.3                | 614.0           | 102.3          | 204.7                       | 307.0          | 1,125.6         | 1,432.6         |
| 292 | SE 1701 Subestacion Chimalpa II                                   | 1,174.0            | 161.4                 | 1.0                  | 162.3           | 79.7           | 80.7                        | 160.4          | 851.3           | 1,011.7         |
| 293 | SLT 1703 Conversión a 400 kV de la Riviera Maya                   | 1,343.1            | 494.8                 | 70.7                 | 565.5           | 70.7           | 141.4                       | 212.1          | 565.5           | 777.6           |
| 294 | SLT 1702 Transmisión y Transformación Baja - Noine                | 1,000.6            | 406.4                 | 53.0                 | 459.4           | 53.0           | 106.0                       | 159.0          | 382.2           | 541.2           |
| 295 | SLT 1704 Interconexión sist aislados Guerrero Negro Sta Rosalía   | 384.0              | 147.8                 | 20.2                 | 168.0           | 20.2           | 40.4                        | 60.7           | 155.3           | 216.0           |
| 305 | SE 1801 Subestaciones Baja - Noroeste                             | 154.4              | 58.9                  | 8.0                  | 66.8            | 8.0            | 15.9                        | 23.9           | 63.7            | 87.6            |
| 306 | SE 1803 Subestaciones del Occidental                              | 1,355.2            | 234.2                 | 35.6                 | 269.8           | 64.0           | 99.6                        | 163.7          | 921.7           | 1,085.4         |
| 307 | SLT 1802 Subestaciones y Lineas del Norte                         | 1,518.0            | 211.7                 | 21.4                 | 233.1           | 87.3           | 108.7                       | 195.9          | 1,089.0         | 1,284.9         |
| 308 | SLT 1804 Subestaciones y Líneas Transmisión Oriental - Peninsular | 992.7              | 258.8                 | 44.4                 | 303.2           | 57.7           | 102.1                       | 159.7          | 529.7           | 689.5           |
| 309 | SLT 1820 Divisiones de Distribución del Valle de México           | 928.8              | 21.0                  | 20.8                 | 41.8            | 26.7           | 53.2                        | 79.9           | 807.1           | 887.0           |
| 314 | LT Red de Transmisión Asociada al CC Empalme II                   | 1,833.2            | 72.4                  | 0.4                  | 72.8            | 67.4           | 67.8                        | 135.2          | 1,625.1         | 1,760.3         |
| 316 | SE 1901 Subestaciones de Baja California                          | 342.0              | 40.5                  | 0.7                  | 41.2            | 22.6           | 23.3                        | 46.0           | 254.9           | 300.8           |
| 317 | SLT 1902 Subestaciones y Compensación del Noroeste                | 1,285.1            | 205.7                 | 24.7                 | 230.3           | 65.8           | 90.5                        | 156.3          | 898.5           | 1,054.8         |
| 318 | SE 1903 Subestaciones Norte - Noreste                             | 288.0              | 74.6                  | 14.9                 | 89.5            | 14.9           | 29.8                        | 44.7           | 153.8           | 198.6           |
| 319 | SLT 1904 Transmisión y Transformación de Occidente                | 862.5              | 172.5                 | 0.0                  | 172.5           | 86.3           | 86.3                        | 172.5          | 517.5           | 690.0           |
| 320 | LT 1905 Transmisión Sureste Peninsular                            | 1,159.4            | 151.6                 | 6.5                  | 158.1           | 66.8           | 73.3                        | 140.1          | 861.2           | 1,001.3         |
| 328 | LT Red de transmisión asociada a la CG Los Azufres III Fase II    | 86.8               | 0.1                   | 2.9                  | 3.0             | 0.1            | 3.0                         | 3.1            | 80.7            | 83.8            |
| 339 | SLT 2021 Reducción de Pérdidas de Energía en Distribución         | 10,465.0           | 265.8                 | 281.6                | 547.4           | 279.7          | 561.3                       | 841.1          | 9,076.5         | 9,917.6         |
|     | <b>Cierres Parciales</b>                                          | <b>73,855.9</b>    | <b>12,924.6</b>       | <b>1,713.1</b>       | <b>14,637.7</b> | <b>3,284.6</b> | <b>5,258.3</b>              | <b>8,542.9</b> | <b>50,675.3</b> | <b>59,218.2</b> |
| 171 | CC Agua Prieta II (Con Campo Solar)                               | 8,991.6            | 1,231.1               | 112.1                | 1,343.2         | 469.7          | 581.7                       | 1,051.4        | 6,597.0         | 7,648.4         |
| 188 | SE 1116 Transformación del Noreste                                | 3,364.5            | 2,558.7               | 98.1                 | 2,656.8         | 220.4          | 290.5                       | 511.0          | 196.8           | 707.8           |
| 209 | SE 1212 Sur - Peninsular                                          | 1,012.1            | 584.2                 | 37.1                 | 621.3           | 61.2           | 89.6                        | 150.8          | 240.0           | 390.8           |
| 212 | SE 1202 Suministro de Energía a la Zona Manzanillo                | 702.5              | 608.7                 | 20.4                 | 629.1           | 55.7           | 17.7                        | 73.4           | (0.0)           | 73.4            |
| 214 | SE 1210 Norte - Noroeste                                          | 2,118.3            | 1,440.5               | 34.8                 | 1,475.3         | 187.9          | 163.9                       | 351.8          | 291.2           | 643.0           |
| 242 | SE 1323 Distribución SUR                                          | 464.4              | 230.1                 | 6.3                  | 236.4           | 30.7           | 21.7                        | 52.4           | 175.6           | 228.0           |
| 245 | SE 1320 Distribución Noroeste                                     | 766.6              | 428.2                 | 17.0                 | 445.2           | 64.0           | 74.6                        | 138.6          | 182.8           | 321.4           |

### Compromisos de proyectos de infraestructura productiva de largo plazo de inversión directa en operación <sup>p/</sup>

En términos de los artículos 107, fracción I, de la Ley Federal de Presupuesto y Responsabilidad Hacendaria y 205 de su Reglamento

Comisión Federal de Electricidad

Enero – junio 2019

(Millones de pesos a precios de 2019) <sup>\*./</sup>

| Nombre del Proyecto                                                 | Costo de cierre | Amortización ejercida |                |         | Pasivo Directo |                       |         | Pasivo      |         |
|---------------------------------------------------------------------|-----------------|-----------------------|----------------|---------|----------------|-----------------------|---------|-------------|---------|
|                                                                     |                 | Hasta 2018            | Pagado en 2019 | Suma    | Real 2019      | Legal (Estimado 2020) | Suma    | Contingente | Total   |
|                                                                     | (1)             | (2)                   | (3)            | (4=2+3) | (5)            | (6)                   | (7=5+6) | (8=1-4-7)   | (9=7+8) |
| 249 SLT 1405 Subest y Líneas de Transmisión de las Áreas Sureste    | 850.2           | 343.4                 | 29.1           | 372.4   | 61.5           | 90.6                  | 152.2   | 325.6       | 477.7   |
| 261 CCC CoGeneración Salamanca Fase I                               | 7,216.0         | 2,433.0               | 313.5          | 2,746.6 | 415.2          | 728.7                 | 1,143.9 | 3,325.5     | 4,469.4 |
| 264 CC Centro                                                       | 11,436.8        | 1,244.9               | 343.9          | 1,588.8 | 549.1          | 893.0                 | 1,442.1 | 8,405.8     | 9,848.0 |
| 266 SLT 1603 Subestación Lago                                       | 603.4           | 0.0                   | 1.8            | 1.8     | 25.4           | 52.6                  | 78.0    | 523.5       | 601.5   |
| 273 SE 1621 Distribución Norte - Sur                                | 640.4           | 124.5                 | 20.4           | 144.9   | 39.5           | 59.9                  | 99.3    | 396.2       | 495.5   |
| 274 SE 1620 Distribución Valle de México                            | 1,722.1         | 530.0                 | 70.1           | 600.1   | 92.7           | 170.3                 | 263.1   | 859.0       | 1,122.0 |
| 278 RM CT José López Portillo                                       | 3,072.6         | 34.1                  | 68.3           | 102.4   | 34.1           | 102.4                 | 136.6   | 2,833.7     | 2,970.2 |
| 280 SLT 1721 Distribución Norte                                     | 372.3           | 61.4                  | 15.9           | 77.2    | 13.2           | 29.1                  | 42.3    | 252.7       | 295.0   |
| 281 LT Red de Transmisión asociada al CC Noreste                    | 1,506.0         | 77.1                  | 28.3           | 105.3   | 100.8          | 129.1                 | 229.9   | 1,170.8     | 1,400.7 |
| 282 SLT 1720 Distribución Valle de México                           | 305.7           | 3.1                   | 11.2           | 14.4    | 3.1            | 14.4                  | 17.5    | 273.8       | 291.3   |
| 284 SE Los Humeros III Fase A                                       | 823.0           | 129.9                 | 43.3           | 173.3   | 43.3           | 86.6                  | 129.9   | 519.8       | 649.7   |
| 288 SLT 1722 Distribución Sur                                       | 366.8           | 52.3                  | 14.7           | 66.9    | 12.3           | 27.8                  | 40.2    | 259.7       | 299.9   |
| 296 CC Empalme I                                                    | 9,122.2         | 0.0                   | 0.0            | 0.0     | 361.5          | 723.0                 | 1,084.5 | 8,037.7     | 9,122.2 |
| 297 LT Red de Transmisión Asociada al CC Empalme I                  | 1,812.7         | 71.6                  | 8.9            | 80.5    | 73.3           | 82.2                  | 155.5   | 1,576.7     | 1,732.2 |
| 310 SLT 1821 Divisiones de Distribución                             | 322.0           | 16.6                  | 6.4            | 23.0    | 18.8           | 25.2                  | 44.0    | 255.0       | 299.0   |
| 311 RM CCC Tula Paquetes 1 Y 2                                      | 3,078.5         | 0.0                   | 150.5          | 150.5   | 0.0            | 150.5                 | 150.5   | 2,777.5     | 2,928.0 |
| 312 312 RM CH Temascal Unidades 1 a 4                               | 380.1           | 20.0                  | 8.4            | 28.4    | 13.3           | 21.8                  | 35.1    | 316.5       | 351.6   |
| 321 SLT 1920 Subestaciones y Líneas de Distribución                 | 463.3           | 25.7                  | 10.3           | 36.0    | 14.1           | 27.3                  | 41.4    | 385.9       | 427.3   |
| 322 SLT 1921 Reducción de Pérdidas de Energía en Distribución       | 8,474.5         | 641.5                 | 150.5          | 791.9   | 251.5          | 401.9                 | 653.4   | 7,029.2     | 7,682.6 |
| 336 SLT 2001 Subestaciones y Líneas Baja California Sur Noroeste    | 915.7           | 29.9                  | 6.4            | 36.2    | 44.6           | 67.6                  | 112.1   | 767.4       | 879.5   |
| 337 SLT 2002 Subestaciones y Líneas de las Áreas Norte - Occidental | 987.6           | 3.6                   | 25.2           | 28.9    | 18.7           | 57.3                  | 76.0    | 882.7       | 958.8   |
| 338 SLT 2020 Subestaciones, Líneas y Redes de Distribución          | 428.7           | 0.0                   | 8.8            | 8.8     | 8.2            | 25.3                  | 33.5    | 386.4       | 419.9   |
| 349 SLT 2120 Subestaciones y Líneas de Distribución                 | 114.4           | 0.0                   | 3.8            | 3.8     | 0.0            | 3.8                   | 3.8     | 106.8       | 110.6   |
| 350 SLT 2121 Reducción de Pérdidas de Energía en Distribución       | 1,420.9         | 0.5                   | 47.5           | 48.1    | 0.5            | 48.1                  | 48.6    | 1,324.2     | 1,372.8 |

p./ Cifras preliminares. Las sumas de los parciales pueden no coincidir con los totales debido al redondeo.

\*./ El tipo de cambio utilizado es de 19.1442 correspondiente al cierre de junio de 2019.

1./ Proyectos en operación que concluyeron sus obligaciones financieras como Pidiregas.

Fuente: Comisión Federal de Electricidad.

## Compromisos de proyectos de inversión financiada directa y condicionada respecto a su costo total adjudicados, en construcción y operación <sup>P/J</sup>

En términos de los artículos 107, fracción I, de la Ley Federal de Presupuesto y Responsabilidad Hacendaria y 205 de su Reglamento

Comisión Federal de Electricidad

Enero – junio 2019

(Millones de pesos a precios de 2019) <sup>\*/J</sup>

| Nombre del Proyecto                                | Costo total estimado |                  |             | Monto Contratado | Comprometido al periodo |                     | Montos comprometidos por etapas           |                        |
|----------------------------------------------------|----------------------|------------------|-------------|------------------|-------------------------|---------------------|-------------------------------------------|------------------------|
|                                                    | PEF 2018             | PEF 2019         | Variación % |                  | Monto                   | % Respecto PEF 2018 | Proyectos adjudicados y/o en construcción | Proyectos en operación |
|                                                    | (1)                  | (2)              | (3=2/1)     | (4)              | (5=7+8)                 | (6=5/2)             | (7)                                       | (8)                    |
| <b>Total</b>                                       | <b>791,327.0</b>     | <b>788,724.5</b> | <b>-0.5</b> | <b>682,020.7</b> | <b>415,251.5</b>        | <b>52.6</b>         | <b>83,440.1</b>                           | <b>331,811.4</b>       |
| <b>Inversión directa</b>                           | <b>533,331.2</b>     | <b>530,728.7</b> | <b>-0.5</b> | <b>473,346.6</b> | <b>206,574.1</b>        | <b>38.9</b>         | <b>59,093.6</b>                           | <b>147,480.4</b>       |
| 1 CG Cerro Prieto IV                               | 1,978.3              | 1,978.3          | 0.0         | 1,978.3          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 2 CC Chihuahua                                     | 5,309.9              | 5,309.9          | 0.0         | 5,309.9          | (0.0)                   | (0.0)               | 0.0                                       | 0.0                    |
| 3 CCI Guerrero Negro II                            | 525.8                | 525.8            | 0.0         | 525.8            | (0.0)                   | (0.0)               | 0.0                                       | 0.0                    |
| 4 CC Monterrey II                                  | 6,338.4              | 6,338.4          | 0.0         | 5,518.2          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 5 CD Puerto San Carlos II                          | 1,173.0              | 1,173.0          | 0.0         | 1,171.8          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 6 CC Rosarito III (Unidades 8 y 9)                 | 5,893.6              | 5,893.6          | 0.0         | 5,893.6          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 7 CT Samalayuca II                                 | 13,424.3             | 13,424.3         | 0.0         | 13,424.3         | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 9 LT 211 Cable Submarino                           | 1,914.8              | 1,914.8          | 0.0         | 1,914.8          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 10 LT 214 y 215 Sureste-Peninsular                 | 2,539.8              | 2,539.8          | 0.0         | 2,512.1          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 11 LT 216 y 217 Noroeste                           | 2,037.1              | 2,037.1          | 0.0         | 2,037.1          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 12 SE 212 y 213 SF6 Potencia y Distribución        | 3,353.6              | 3,353.6          | 0.0         | 3,353.6          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 13 SE 218 Noroeste                                 | 969.8                | 969.8            | 0.0         | 969.8            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 14 SE 219 Sureste - Peninsular                     | 646.3                | 646.3            | 0.0         | 646.3            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 15 SE 220 Oriental - Centro                        | 1,203.2              | 1,203.2          | 0.0         | 1,203.2          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 16 SE 221 Occidental                               | 1,388.2              | 1,388.2          | 0.0         | 1,388.2          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 17 LT 301 Centro                                   | 852.8                | 852.8            | 0.0         | 852.8            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 18 LT 302 Sureste                                  | 787.9                | 787.9            | 0.0         | 787.9            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 19 LT 303 Ixtapa - Pie de la Cuesta                | 529.9                | 529.9            | 0.0         | 529.9            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 20 LT 304 Noroeste                                 | 540.3                | 540.3            | 0.0         | 540.3            | (0.0)                   | (0.0)               | 0.0                                       | 0.0                    |
| 21 SE 305 Centro-Oriente                           | 698.4                | 698.4            | 0.0         | 698.4            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 22 SE 306 Sureste                                  | 861.3                | 861.3            | 0.0         | 861.3            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 23 SE 307 Noreste                                  | 466.0                | 466.0            | 0.0         | 466.0            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 24 SE 308 Noroeste                                 | 844.8                | 844.8            | 0.0         | 844.8            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 25 CG Los Azufres II y Campo Geotérmico            | 2,516.0              | 2,516.0          | 0.0         | 2,516.0          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 26 CH Manuel Moreno Torres (2a Etapa)              | 2,198.1              | 2,198.1          | 0.0         | 2,198.1          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 27 LT 406 Red Asociada a Tuxpan II, III y IV       | 2,334.4              | 2,334.4          | 0.0         | 2,334.4          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 28 LT 407 Red Asociada a Altamira II, III y IV     | 6,389.6              | 6,389.6          | 0.0         | 6,389.6          | (0.0)                   | (0.0)               | 0.0                                       | 0.0                    |
| 29 LT 408 Naco-Nogales - Área Noroeste             | 854.3                | 854.3            | 0.0         | 854.3            | (0.0)                   | (0.0)               | 0.0                                       | 0.0                    |
| 30 LT 411 Sistema Nacional                         | 2,521.1              | 2,521.1          | 0.0         | 2,521.1          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 31 LT Manuel Moreno Torres Red Asociada (2a Etapa) | 5,274.8              | 5,274.8          | 0.0         | 5,274.8          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 32 SE 401 Occidental - Central                     | 1,231.0              | 1,231.0          | 0.0         | 1,231.0          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 33 SE 402 Oriental - Peninsular                    | 1,485.5              | 1,485.5          | 0.0         | 1,485.5          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 34 SE 403 Noreste                                  | 1,387.9              | 1,387.9          | 0.0         | 1,387.9          | (0.0)                   | (0.0)               | 0.0                                       | 0.0                    |
| 35 SE 404 Noroeste-Norte                           | 775.3                | 775.3            | 0.0         | 775.3            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 36 SE 405 Compensación Alta Tensión                | 164.4                | 164.4            | 0.0         | 164.4            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 37 SE 410 Sistema Nacional                         | 3,315.3              | 3,315.3          | 0.0         | 3,315.3          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 38 CC El Sauz Conversión de TG a CC                | 2,179.0              | 2,179.0          | 0.0         | 2,179.0          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 39 LT 414 Norte-Occidental                         | 1,257.2              | 1,257.2          | 0.0         | 1,257.2          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 40 LT 502 Oriental - Norte                         | 283.4                | 283.4            | 0.0         | 283.4            | (0.0)                   | (0.0)               | 0.0                                       | 0.0                    |
| 41 LT 506 Saltillo - Cañada                        | 4,734.4              | 4,734.4          | 0.0         | 4,734.4          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 42 LT Red Asociada de la Central Tamazunchale      | 2,056.0              | 2,056.0          | 0.0         | 2,056.0          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 43 LT Red Asociada de la Central Río Bravo III     | 837.6                | 837.6            | 0.0         | 837.6            | (0.0)                   | (0.0)               | 0.0                                       | 0.0                    |
| 44 SE 412 Compensación Norte                       | 421.1                | 421.1            | 0.0         | 421.1            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 45 SE 413 Noroeste - Occidental                    | 1,096.8              | 1,096.8          | 0.0         | 1,096.8          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 46 SE 503 Oriental                                 | 409.7                | 409.7            | 0.0         | 409.7            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 47 SE 504 Norte - Occidental                       | 857.6                | 857.6            | 0.0         | 857.6            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 48 CCI Baja California Sur I                       | 1,072.1              | 1,072.1          | 0.0         | 1,072.1          | (0.0)                   | (0.0)               | 0.0                                       | 0.0                    |
| 49 LT 609 Transmisión Noroeste - Occidental        | 2,428.6              | 2,428.6          | 0.0         | 2,428.6          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 50 LT 610 Transmisión Noroeste - Norte             | 2,919.0              | 2,919.0          | 0.0         | 2,919.0          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 51 LT 612 SubTransmisión Norte - Noreste           | 548.0                | 548.0            | 0.0         | 548.0            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 52 LT 613 SubTransmisión Occidental                | 526.8                | 526.8            | 0.0         | 526.8            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 53 LT 614 SubTransmisión Oriental                  | 319.1                | 319.1            | 0.0         | 319.1            | (0.0)                   | (0.0)               | 0.0                                       | 0.0                    |
| 54 LT 615 SubTransmisión Peninsular                | 497.5                | 497.5            | 0.0         | 497.5            | (0.0)                   | (0.0)               | 0.0                                       | 0.0                    |

**Compromisos de proyectos de inversión financiada directa y condicionada respecto a su costo total adjudicados, en construcción y operación <sup>P./</sup>**

**En términos de los artículos 107, fracción I, de la Ley Federal de Presupuesto y Responsabilidad Hacendaria y 205 de su Reglamento**

**Comisión Federal de Electricidad**

**Enero – junio 2019**

(Millones de pesos a precios de 2019) <sup>\*./</sup>

| Nombre del Proyecto |     |                                                             | Costo total estimado |          |             | Monto Contratado | Comprometido al periodo |                     | Montos comprometidos por etapas           |                        |
|---------------------|-----|-------------------------------------------------------------|----------------------|----------|-------------|------------------|-------------------------|---------------------|-------------------------------------------|------------------------|
|                     |     |                                                             | PEF 2018             | PEF 2019 | Variación % |                  | Monto                   | % Respecto PEF 2018 | Proyectos adjudicados y/o en construcción | Proyectos en operación |
|                     |     |                                                             | ( 1 )                | ( 2 )    | ( 3=2/1 )   | ( 4 )            | ( 5=7+8 )               | ( 6=5/2 )           | ( 7 )                                     | ( 8 )                  |
| 55                  | LT  | Red Asociada de Transmisión de la CCI Baja California Sur I | 405.5                | 405.5    | 0.0         | 405.5            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 57                  | LT  | 1012 Red de Transmisión Asociada a la CCC Baja California   | 263.4                | 263.4    | 0.0         | 263.4            | (0.0)                   | (0.0)               | 0.0                                       | 0.0                    |
| 58                  | SE  | 607 Sistema Bajío - Oriental                                | 1,492.9              | 1,492.9  | 0.0         | 1,492.9          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 59                  | SE  | 611 SubTransmisión Baja California-Noroeste                 | 579.9                | 579.9    | 0.0         | 579.9            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 60                  | SUV | Suministro de Vapor a las centrales de Cerro Prieto         | 2,170.2              | 2,170.2  | 0.0         | 2,170.2          | (0.0)                   | (0.0)               | 0.0                                       | 0.0                    |
| 61                  | CC  | Hermosillo Conversión de TG a CC                            | 1,473.9              | 1,473.9  | 0.0         | 1,473.9          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 62                  | CCC | Pacífico                                                    | 12,137.9             | 12,137.9 | 0.0         | 12,137.9         | 834.2                   | 6.9                 | 0.0                                       | 834.2                  |
| 63                  | CH  | El Cajón                                                    | 15,956.4             | 15,956.4 | 0.0         | 15,956.4         | 9,366.1                 | 58.7                | 0.0                                       | 9,366.1                |
| 64                  | LT  | Líneas Centro                                               | 128.1                | 128.1    | 0.0         | 128.1            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 65                  | LT  | Red de Transmisión Asociada a la CH El Cajón                | 1,307.8              | 1,307.8  | 0.0         | 1,307.8          | (0.0)                   | (0.0)               | 0.0                                       | 0.0                    |
| 66                  | LT  | Red de Transmisión Asociada a Altamira V                    | 1,435.3              | 1,435.3  | 0.0         | 1,435.3          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 67                  | LT  | Red de Transmisión Asociada a La Laguna II                  | 391.5                | 391.5    | 0.0         | 391.5            | (0.0)                   | (0.0)               | 0.0                                       | 0.0                    |
| 68                  | LT  | Red de Transmisión Asociada a el Pacífico                   | 1,777.3              | 1,777.3  | 0.0         | 1,777.3          | 335.8                   | 18.9                | 0.0                                       | 335.8                  |
| 69                  | LT  | 707 Enlace Norte - Sur                                      | 635.8                | 635.8    | 0.0         | 635.8            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 70                  | LT  | Riviera Maya                                                | 710.5                | 710.5    | 0.0         | 710.5            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 71                  | PR  | Presa Reguladora Amata                                      | 259.9                | 259.9    | 0.0         | 259.9            | (0.0)                   | (0.0)               | 0.0                                       | 0.0                    |
| 72                  | RM  | Adolfo López Mateos                                         | 591.7                | 591.7    | 0.0         | 591.7            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 73                  | RM  | Altamira                                                    | 810.6                | 810.6    | 0.0         | 810.6            | 40.5                    | 5.0                 | 0.0                                       | 40.5                   |
| 74                  | RM  | Botello                                                     | 121.5                | 121.5    | 0.0         | 121.5            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 75                  | RM  | Carbón II                                                   | 221.2                | 221.2    | 0.0         | 221.2            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 76                  | RM  | Carlos Rodríguez Rivero                                     | 359.3                | 359.3    | 0.0         | 359.3            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 77                  | RM  | Dos Bocas                                                   | 275.7                | 275.7    | 0.0         | 275.7            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 78                  | RM  | Emilio Portes Gil                                           | 4.7                  | 4.7      | 0.0         | 4.7              | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 79                  | RM  | Francisco Pérez Ríos                                        | 2,438.7              | 2,438.7  | 0.0         | 2,438.7          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 80                  | RM  | Gómez Palacio                                               | 564.6                | 564.6    | 0.0         | 564.6            | (0.0)                   | (0.0)               | 0.0                                       | 0.0                    |
| 82                  | RM  | Huinalá                                                     | 11.5                 | 11.5     | 0.0         | 11.5             | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 83                  | RM  | Ixtaczoquitlán                                              | 17.5                 | 17.5     | 0.0         | 17.5             | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 84                  | RM  | José Aceves Pozos (Mazatlán II)                             | 258.6                | 258.6    | 0.0         | 258.6            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 87                  | RM  | Gral. Manuel Álvarez Moreno (Manzanillo)                    | 941.9                | 941.9    | 0.0         | 941.9            | (0.0)                   | (0.0)               | 0.0                                       | 0.0                    |
| 90                  | RM  | CT Puerto Libertad                                          | 257.3                | 257.3    | 0.0         | 257.3            | (0.0)                   | (0.0)               | 0.0                                       | 0.0                    |
| 91                  | RM  | Punta Prieta                                                | 220.5                | 220.5    | 0.0         | 220.5            | (0.0)                   | (0.0)               | 0.0                                       | 0.0                    |
| 92                  | RM  | Salamanca                                                   | 619.3                | 619.3    | 0.0         | 619.3            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 93                  | RM  | Tuxpango                                                    | 332.5                | 332.5    | 0.0         | 332.5            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 94                  | RM  | CT Valle de México                                          | 110.8                | 110.8    | 0.0         | 110.8            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 95                  | SE  | Norte                                                       | 147.5                | 147.5    | 0.0         | 147.5            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 98                  | SE  | 705 Capacitores                                             | 66.6                 | 66.6     | 0.0         | 66.6             | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 99                  | SE  | 708 Compensación Dinámicas Oriental - Norte                 | 857.9                | 857.9    | 0.0         | 857.9            | (0.0)                   | (0.0)               | 0.0                                       | 0.0                    |
| 100                 | SLT | 701 Occidente - Centro                                      | 1,524.2              | 1,524.2  | 0.0         | 1,524.2          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 101                 | SLT | 702 Sureste - Peninsular                                    | 533.8                | 533.8    | 0.0         | 533.8            | (0.0)                   | (0.0)               | 0.0                                       | 0.0                    |
| 102                 | SLT | 703 Noreste - Norte                                         | 369.3                | 369.3    | 0.0         | 369.3            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 103                 | SLT | 704 Baja California-Noroeste                                | 128.1                | 128.1    | 0.0         | 128.1            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 104                 | SLT | 706 Sistemas Norte                                          | 3,566.3              | 3,566.3  | 0.0         | 3,566.3          | 211.1                   | 5.9                 | 0.0                                       | 211.1                  |
| 105                 | SLT | 709 Sistemas Sur                                            | 1,942.4              | 1,942.4  | 0.0         | 1,942.4          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 106                 | CC  | Conversión El Encino de TG a CC                             | 1,426.2              | 1,426.2  | 0.0         | 1,426.2          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 107                 | CCI | Baja California Sur II                                      | 1,158.0              | 1,158.0  | 0.0         | 1,158.0          | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 108                 | LT  | 807 Durango I                                               | 655.9                | 655.9    | 0.0         | 655.9            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 110                 | RM  | CCC Tula                                                    | 100.5                | 100.5    | 0.0         | 100.5            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |
| 111                 | RM  | CGT Cerro Prieto (U5)                                       | 602.5                | 602.5    | 0.0         | 602.5            | 30.1                    | 5.0                 | 0.0                                       | 30.1                   |
| 112                 | RM  | CT Carbón II Unidades 2 y 4                                 | 262.1                | 262.1    | 0.0         | 262.1            | 0.0                     | 0.0                 | 0.0                                       | 0.0                    |

**Compromisos de proyectos de inversión financiada directa y condicionada respecto a su costo total adjudicados, en construcción y operación <sup>P/J</sup>**  
**En términos de los artículos 107, fracción I, de la Ley Federal de Presupuesto y Responsabilidad Hacendaria y 205 de su Reglamento**  
**Comisión Federal de Electricidad**  
**Enero – junio 2019**  
 (Millones de pesos a precios de 2019) <sup>\*-/</sup>

| Nombre del Proyecto |     |                                                        | Costo total estimado |          |             | Monto Contratado | Comprometido al periodo |       | Montos comprometidos por etapas           |                        |
|---------------------|-----|--------------------------------------------------------|----------------------|----------|-------------|------------------|-------------------------|-------|-------------------------------------------|------------------------|
|                     |     |                                                        | PEF 2018             | PEF 2019 | Variación % |                  | Monto                   | %     | Proyectos adjudicados y/o en construcción | Proyectos en operación |
|                     |     |                                                        |                      |          |             |                  |                         |       |                                           |                        |
| 113                 | RM  | CT Emilio Portes Gil Unidad 4                          | 686.3                | 686.3    | 0.0         | 686.3            | 0.0                     | 0.0   | 0.0                                       | 0.0                    |
| 114                 | RM  | CT Francisco Pérez Ríos Unidad 5                       | 584.9                | 584.9    | 0.0         | 584.9            | 0.0                     | 0.0   | 0.0                                       | 0.0                    |
| 117                 | RM  | CT Presidente Adolfo López Mateos Unidades 3, 4, 5 y 6 | 846.2                | 846.2    | 0.0         | 846.2            | 0.0                     | 0.0   | 0.0                                       | 0.0                    |
| 118                 | RM  | CT Pdte. Plutarco Elías Calles Unidades 1 y 2          | 394.8                | 394.8    | 0.0         | 394.8            | (0.0)                   | (0.0) | 0.0                                       | 0.0                    |
| 122                 | SE  | 811 Noroeste                                           | 206.8                | 206.8    | 0.0         | 206.8            | (0.0)                   | (0.0) | 0.0                                       | 0.0                    |
| 123                 | SE  | 812 Golfo Norte                                        | 101.4                | 101.4    | 0.0         | 101.4            | (0.0)                   | (0.0) | 0.0                                       | 0.0                    |
| 124                 | SE  | 813 División Bajío                                     | 1,030.0              | 1,030.0  | 0.0         | 1,030.0          | (0.0)                   | (0.0) | 0.0                                       | 0.0                    |
| 126                 | SLT | 801 Altiplano                                          | 1,617.4              | 1,617.4  | 0.0         | 1,617.4          | (0.0)                   | (0.0) | 0.0                                       | 0.0                    |
| 127                 | SLT | 802 Tamaulipas                                         | 1,364.1              | 1,364.1  | 0.0         | 1,364.1          | (0.0)                   | (0.0) | 0.0                                       | 0.0                    |
| 128                 | SLT | 803 NOINE                                              | 1,272.2              | 1,272.2  | 0.0         | 1,272.2          | (0.0)                   | (0.0) | 0.0                                       | 0.0                    |
| 130                 | SLT | 806 Bajío                                              | 1,756.4              | 1,756.4  | 0.0         | 1,756.4          | 79.0                    | 4.5   | 0.0                                       | 79.0                   |
| 132                 | CE  | La Venta II                                            | 2,089.9              | 2,089.9  | 0.0         | 2,089.9          | 418.0                   | 20.0  | 0.0                                       | 418.0                  |
| 136                 | LT  | Red de Transmisión Asociada a la CE La Venta II        | 130.2                | 130.2    | 0.0         | 130.2            | (0.0)                   | (0.0) | 0.0                                       | 0.0                    |
| 138                 | SE  | 911 Noreste                                            | 171.5                | 171.5    | 0.0         | 171.5            | (0.0)                   | (0.0) | 0.0                                       | 0.0                    |
| 139                 | SE  | 912 División Oriente                                   | 229.2                | 229.2    | 0.0         | 229.2            | 0.0                     | 0.0   | 0.0                                       | 0.0                    |
| 140                 | SE  | 914 División Centro Sur                                | 250.4                | 250.4    | 0.0         | 250.4            | 82.7                    | 33.0  | 0.0                                       | 82.7                   |
| 141                 | SE  | 915 Occidental                                         | 222.5                | 222.5    | 0.0         | 222.5            | 0.0                     | 0.0   | 0.0                                       | 0.0                    |
| 142                 | SLT | 901 Pacífico                                           | 798.0                | 798.0    | 0.0         | 798.0            | (0.0)                   | (0.0) | 0.0                                       | 0.0                    |
| 143                 | SLT | 902 Istmo                                              | 1,541.8              | 1,541.8  | 0.0         | 1,541.8          | (0.0)                   | (0.0) | 0.0                                       | 0.0                    |
| 144                 | SLT | 903 Cabo - Norte                                       | 1,058.8              | 1,058.8  | 0.0         | 1,058.8          | (0.0)                   | (0.0) | 0.0                                       | 0.0                    |
| 146                 | CH  | La Yesca                                               | 23,930.3             | 23,930.3 | 0.0         | 23,930.2         | 17,419.6                | 72.8  | 0.0                                       | 17,419.6               |
| 147                 | CCC | Baja California                                        | 3,336.8              | 3,336.8  | 0.0         | 3,336.8          | 0.0                     | 0.0   | 0.0                                       | 0.0                    |
| 148                 | RFO | Red de Fibra Óptica Proyecto Sur                       | 528.8                | 528.8    | 0.0         | 528.8            | 0.9                     | 0.2   | 0.0                                       | 0.9                    |
| 149                 | RFO | Red de Fibra Óptica Proyecto Centro                    | 857.1                | 857.1    | 0.0         | 857.1            | 0.0                     | 0.0   | 0.0                                       | 0.0                    |
| 150                 | RFO | Red de Fibra Óptica Proyecto Norte                     | 907.6                | 907.6    | 0.0         | 907.6            | 4.7                     | 0.5   | 0.0                                       | 4.7                    |
| 151                 | SE  | 1006 Central-Sur                                       | 296.8                | 296.8    | 0.0         | 296.8            | 93.5                    | 31.5  | 0.0                                       | 93.5                   |
| 152                 | SE  | 1005 Noroeste                                          | 1,161.9              | 1,161.9  | 0.0         | 1,161.9          | 135.9                   | 11.7  | 0.0                                       | 135.9                  |
| 156                 | RM  | Infiernillo                                            | 323.5                | 323.5    | 0.0         | 323.5            | 23.3                    | 7.2   | 0.0                                       | 23.3                   |
| 157                 | RM  | CT Francisco Pérez Ríos Unidades 1 y 2                 | 2,913.1              | 2,913.1  | 0.0         | 2,913.1          | 217.0                   | 7.5   | 0.0                                       | 217.0                  |
| 158                 | RM  | CT Puerto Libertad Unidad 4                            | 252.4                | 252.4    | 0.0         | 252.4            | 0.0                     | 0.0   | 0.0                                       | 0.0                    |
| 159                 | RM  | CT Valle de México Unidades 5, 6 y 7                   | 86.1                 | 86.1     | 0.0         | 86.1             | 0.0                     | 0.0   | 0.0                                       | 0.0                    |
| 160                 | RM  | CCC Samalayuca II                                      | 20.8                 | 20.8     | 0.0         | 20.8             | 0.0                     | 0.0   | 0.0                                       | 0.0                    |
| 161                 | RM  | CCC El Sauz                                            | 80.9                 | 80.9     | 0.0         | 80.9             | (0.0)                   | (0.0) | 0.0                                       | 0.0                    |
| 162                 | RM  | CCC Huinalá II                                         | 36.3                 | 36.3     | 0.0         | 36.3             | 0.0                     | 0.0   | 0.0                                       | 0.0                    |
| 163                 | SE  | 1004 Compensación Dinámica Área Central                | 299.5                | 299.5    | 0.0         | 299.5            | 0.0                     | 0.0   | 0.0                                       | 0.0                    |
| 164                 | SE  | 1003 Subestaciones Eléctricas de Occidente             | 747.4                | 747.4    | 0.0         | 747.4            | 158.3                   | 21.2  | 0.0                                       | 158.3                  |
| 165                 | LT  | Red de Transmisión Asociada a la CC San Lorenzo        | 111.6                | 111.6    | 0.0         | 111.6            | (0.0)                   | (0.0) | 0.0                                       | 0.0                    |
| 166                 | SLT | 1002 Compensación y Transmisión Noreste - Sureste      | 1,161.4              | 1,161.4  | 0.0         | 1,161.4          | 41.3                    | 3.6   | 0.0                                       | 41.3                   |
| 167                 | CC  | San Lorenzo Conversión de TG a CC                      | 2,759.6              | 2,759.6  | 0.0         | 2,759.6          | 1,011.9                 | 36.7  | 0.0                                       | 1,011.9                |
| 168                 | SLT | 1001 Red de Transmisión Baja - Nogales                 | 627.2                | 627.2    | 0.0         | 627.2            | (0.0)                   | (0.0) | 0.0                                       | 0.0                    |
| 170                 | LT  | Red de Transmisión Asociada a la CH La Yesca           | 1,529.1              | 1,529.1  | 0.0         | 1,529.1          | 442.9                   | 29.0  | 0.0                                       | 442.9                  |
| 171                 | CC  | Agua Prieta II (con campo solar) <sup>U</sup>          | 10,931.4             | 10,931.4 | 0.0         | 8,991.6          | 7,648.4                 | 70.0  | 0.0                                       | 7,648.4                |
| 176                 | LT  | Red de Transmisión asociada a la CC Agua Prieta II     | 688.9                | 688.9    | 0.0         | 688.9            | 252.0                   | 36.6  | 0.0                                       | 252.0                  |
| 177                 | LT  | Red de Transmisión Asociada a la CE La Venta III       | 23.6                 | 23.6     | 0.0         | 23.6             | 2.4                     | 10.0  | 0.0                                       | 2.4                    |
| 181                 | RM  | CN Laguna Verde                                        | 12,339.5             | 12,339.5 | 0.0         | 12,339.5         | 5,350.4                 | 43.4  | 0.0                                       | 5,350.4                |
| 182                 | RM  | CT Puerto Libertad Unidades 2 y 3                      | 611.7                | 611.7    | 0.0         | 611.7            | (0.0)                   | (0.0) | 0.0                                       | 0.0                    |
| 183                 | RM  | CT Punta Prieta Unidad 2                               | 110.2                | 110.2    | 0.0         | 110.2            | 0.0                     | 0.0   | 0.0                                       | 0.0                    |
| 185                 | SE  | 1110 Compensación Capacitiva del Norte                 | 444.2                | 444.2    | 0.0         | 444.2            | 126.4                   | 28.4  | 0.0                                       | 126.4                  |

**Compromisos de proyectos de inversión financiada directa y condicionada respecto a su costo total adjudicados, en construcción y operación <sup>P/J</sup>**

**En términos de los artículos 107, fracción I, de la Ley Federal de Presupuesto y Responsabilidad**

**Hacendaria y 205 de su Reglamento**

**Comisión Federal de Electricidad**

**Enero – junio 2019**

(Millones de pesos a precios de 2019) <sup>\*./</sup>

| Nombre del Proyecto |     |                                                            | Costo total estimado |          |             | Monto Contratado | Comprometido al periodo |                     | Montos comprometidos por etapas           |                        |
|---------------------|-----|------------------------------------------------------------|----------------------|----------|-------------|------------------|-------------------------|---------------------|-------------------------------------------|------------------------|
|                     |     |                                                            | PEF 2018             | PEF 2019 | Variación % |                  | Monto                   | % Respecto PEF 2018 | Proyectos adjudicados y/o en construcción | Proyectos en operación |
|                     |     |                                                            |                      |          |             |                  |                         |                     |                                           |                        |
| (1)                 | (2) | (3=2/1)                                                    | (4)                  | (5=7+8)  | (6=5/2)     | (7)              | (8)                     |                     |                                           |                        |
| 188                 | SE  | 1116 Transformación del Noreste                            | 5,386.0              | 5,386.0  | 0.0         | 3,364.5          | 1,664.0                 | 30.9                | 956.2                                     | 707.8                  |
| 189                 | SE  | 1117 Transformación de Guaymas                             | 307.2                | 307.2    | 0.0         | 307.2            | 84.5                    | 27.5                | 0.0                                       | 84.5                   |
| 190                 | SE  | 1120 Noroeste                                              | 943.5                | 943.5    | 0.0         | 943.5            | 284.0                   | 30.1                | 0.0                                       | 284.0                  |
| 191                 | SE  | 1121 Baja California                                       | 104.8                | 104.8    | 0.0         | 104.8            | 28.8                    | 27.5                | 0.0                                       | 28.8                   |
| 192                 | SE  | 1122 Golfo Norte                                           | 740.1                | 740.1    | 0.0         | 740.1            | 140.9                   | 19.0                | 0.0                                       | 140.9                  |
| 193                 | SE  | 1123 Norte                                                 | 72.9                 | 72.9     | 0.0         | 72.9             | 10.9                    | 15.0                | 0.0                                       | 10.9                   |
| 194                 | SE  | 1124 Bajío Centro                                          | 750.7                | 750.7    | 0.0         | 750.7            | 154.1                   | 20.5                | 0.0                                       | 154.1                  |
| 195                 | SE  | 1125 Distribución                                          | 1,852.2              | 1,852.2  | 0.0         | 1,852.2          | 265.3                   | 14.3                | 0.0                                       | 265.3                  |
| 197                 | SE  | 1127 Sureste                                               | 304.7                | 304.7    | 0.0         | 304.7            | 45.7                    | 15.0                | 0.0                                       | 45.7                   |
| 198                 | SE  | 1128 Centro Sur                                            | 384.4                | 384.4    | 0.0         | 384.4            | 134.8                   | 35.1                | 0.0                                       | 134.8                  |
| 199                 | SE  | 1129 Compensación redes                                    | 296.7                | 296.7    | 0.0         | 296.7            | 53.3                    | 17.9                | 0.0                                       | 53.3                   |
| 200                 | SLT | 1111 Transmisión y Transformación del Central - Occidental | 1,336.1              | 1,336.1  | 0.0         | 1,336.1          | 510.1                   | 38.2                | 0.0                                       | 510.1                  |
| 201                 | SLT | 1112 Transmisión y Transformación del Noroeste             | 1,693.0              | 1,693.0  | 0.0         | 1,693.0          | 593.4                   | 35.0                | 0.0                                       | 593.4                  |
| 202                 | SLT | 1114 Transmisión y Transformación del Oriental             | 2,509.2              | 2,509.2  | 0.0         | 2,509.2          | 1,060.7                 | 42.3                | 0.0                                       | 1,060.7                |
| 203                 | SLT | 1118 Transmisión y Transformación del Norte                | 705.8                | 705.8    | 0.0         | 705.8            | 95.4                    | 13.5                | 0.0                                       | 95.4                   |
| 204                 | SLT | 1119 Transmisión y Transformación del Sureste              | 2,038.4              | 2,038.4  | 0.0         | 2,038.4          | 170.1                   | 8.3                 | 0.0                                       | 170.1                  |
| 205                 | SUV | Suministro de 970 t/h a las Centrales de Cerro Prieto      | 2,230.4              | 2,230.4  | 0.0         | 2,230.4          | 181.9                   | 8.2                 | 0.0                                       | 181.9                  |
| 206                 | SE  | 1206 Conversión a 400 kV de la LT Mazatlán II - La Higuera | 806.7                | 806.7    | 0.0         | 806.7            | (0.0)                   | (0.0)               | 0.0                                       | 0.0                    |
| 207                 | SE  | 1213 Compensación de redes                                 | 917.7                | 917.7    | 0.0         | 917.7            | 101.1                   | 11.0                | 0.0                                       | 101.1                  |
| 208                 | SE  | 1205 Compensación Oriental-Peninsular                      | 179.8                | 179.8    | 0.0         | 179.8            | 65.9                    | 36.7                | 0.0                                       | 65.9                   |
| 209                 | SE  | 1212 SUR-PENINSULAR <sup>U</sup>                           | 2,546.0              | 2,546.0  | 0.0         | 1,012.1          | 1,012.2                 | 39.8                | 621.3                                     | 390.8                  |
| 210                 | SLT | 1204 Conversión a 400 kv del Área Peninsular               | 2,645.9              | 2,645.9  | 0.0         | 2,645.9          | 404.9                   | 15.3                | 0.0                                       | 404.9                  |
| 211                 | SLT | 1203 Transmisión y Transformación Oriental - Sureste       | 3,491.6              | 3,491.6  | 0.0         | 3,491.6          | 652.2                   | 18.7                | 0.0                                       | 652.2                  |
| 212                 | SE  | 1202 Suministro De Energía a la Zona Manzanillo            | 656.4                | 656.4    | 0.0         | 656.4            | 73.4                    | 11.2                | 0.0                                       | 73.4                   |
| 213                 | SE  | 1211 Noreste-Central                                       | 2,237.7              | 1,162.9  | -48.0       | 1,162.9          | 712.6                   | 61.3                | 0.0                                       | 712.6                  |
| 214                 | SE  | 1210 Norte-Noroeste <sup>U</sup>                           | 4,615.1              | 4,615.1  | 0.0         | 2,761.5          | 2,761.3                 | 59.8                | 2,118.3                                   | 643.0                  |
| 215                 | SLT | 1201 Transmisión y Transformación de Baja California       | 1,211.9              | 1,189.0  | -1.9        | 1,189.0          | 490.6                   | 41.3                | 0.0                                       | 490.6                  |
| 216                 | RM  | CCC Poza Rica                                              | 2,882.3              | 2,882.3  | 0.0         | 2,882.3          | 1,916.6                 | 66.5                | 0.0                                       | 1,916.6                |
| 217                 | RM  | CCC El Sauz Paquete 1                                      | 3,037.1              | 3,037.1  | 0.0         | 3,037.1          | 1,796.3                 | 59.1                | 0.0                                       | 1,796.3                |
| 218                 | LT  | Red de Trans Asoc al proy de temp abierta y Oax II,II,IV   | 749.8                | 749.8    | 0.0         | 749.8            | 61.3                    | 8.2                 | 0.0                                       | 61.3                   |
| 219                 | SLT | Red de Transmisión Asociada a Manzanillo I U-1 y 2         | 814.4                | 814.4    | 0.0         | 814.4            | 203.6                   | 25.0                | 0.0                                       | 203.6                  |
| 222                 | CC  | CC Repotenciación CT Manzanillo I U-1 y 2                  | 20,087.4             | 20,087.4 | 0.0         | 20,087.4         | 8,624.3                 | 42.9                | 0.0                                       | 8,624.3                |
| 223                 | LT  | Red de Transmisión asociada a la CG Los Humeros II         | 82.9                 | 82.9     | 0.0         | 82.9             | 14.5                    | 17.5                | 0.0                                       | 14.5                   |
| 225                 | LT  | Red de Transmisión asociada a la CI Guerrero Negro III     | 23.7                 | 23.7     | 0.0         | 23.7             | 4.7                     | 20.0                | 0.0                                       | 4.7                    |
| 226                 | CCI | CI Guerrero Negro III                                      | 484.2                | 484.2    | 0.0         | 484.2            | 338.9                   | 70.0                | 0.0                                       | 338.9                  |
| 227                 | CG  | Los Humeros II                                             | 2,030.4              | 2,030.4  | 0.0         | 2,030.4          | 641.2                   | 31.6                | 0.0                                       | 641.2                  |
| 228                 | LT  | Red de Transmisión asociada a la CCC Norte II              | 373.4                | 373.4    | 0.0         | 373.4            | 118.3                   | 31.7                | 0.0                                       | 118.3                  |
| 229                 | CT  | TG Baja California II                                      | 1,988.4              | 1,988.4  | 0.0         | 1,988.4          | 842.6                   | 42.4                | 0.0                                       | 842.6                  |
| 231                 | SLT | 1304 Transmisión y Transformación del Oriental             | 122.9                | 122.9    | 0.0         | 122.9            | 18.4                    | 15.0                | 0.0                                       | 18.4                   |
| 233                 | SLT | 1303 Transmisión y Transformación Baja - Noroeste          | 164.2                | 164.2    | 0.0         | 164.2            | 24.6                    | 15.0                | 0.0                                       | 24.6                   |
| 234                 | SLT | 1302 Transformación del Noreste                            | 792.1                | 685.5    | -13.5       | 685.5            | 649.2                   | 94.7                | 0.0                                       | 649.2                  |



**Compromisos de proyectos de inversión financiada directa y condicionada respecto a su costo total adjudicados, en construcción y operación <sup>P/J</sup>**  
**En términos de los artículos 107, fracción I, de la Ley Federal de Presupuesto y Responsabilidad Hacendaria y 205 de su Reglamento**  
**Comisión Federal de Electricidad**  
**Enero – junio 2019**  
 (Millones de pesos a precios de 2019) <sup>\*-/</sup>

|     |     | Nombre del Proyecto                                                 | Costo total estimado |          |             | Monto Contratado | Comprometido al periodo |                     | Montos comprometidos por etapas           |                        |
|-----|-----|---------------------------------------------------------------------|----------------------|----------|-------------|------------------|-------------------------|---------------------|-------------------------------------------|------------------------|
|     |     |                                                                     | PEF 2018             | PEF 2019 | Variación % |                  | Monto                   | % Respecto PEF 2018 | Proyectos adjudicados y/o en construcción | Proyectos en operación |
|     |     |                                                                     | ( 1 )                | ( 2 )    | ( 3=2/1 )   | ( 4 )            | ( 5=7+8 )               | ( 6=5/2 )           | ( 7 )                                     | ( 8 )                  |
| 235 | CCI | Baja California Sur IV                                              | 1,873.4              | 1,873.4  | 0.0         | 1,873.4          | 940.1                   | 50.2                | 0.0                                       | 940.1                  |
| 236 | CCI | Baja California Sur III                                             | 1,759.3              | 1,759.3  | 0.0         | 1,759.3          | 615.8                   | 35.0                | 0.0                                       | 615.8                  |
| 237 | LT  | 1313 Red de Transmisión Asociada al CC Baja California III          | 220.8                | 220.8    | 0.0         | 220.8            | 153.3                   | 69.4                | 0.0                                       | 153.3                  |
| 242 | SE  | 1323 Distribución SUR <sup>U</sup>                                  | 859.8                | 859.8    | 0.0         | 464.4            | 228.0                   | 26.5                | 0.0                                       | 228.0                  |
| 243 | SE  | 1322 Distribución CENTRO                                            | 1,629.2              | 1,629.2  | 0.0         | 1,629.2          | 973.8                   | 59.8                | 0.0                                       | 973.8                  |
| 244 | SE  | 1321 Distribución NORESTE                                           | 1,308.6              | 1,308.6  | 0.0         | 1,308.6          | 527.4                   | 40.3                | 0.0                                       | 527.4                  |
| 245 | SE  | 1320 Distribución NORESTE <sup>U</sup>                              | 1,787.7              | 1,787.7  | 0.0         | 1,088.2          | 1,088.0                 | 60.9                | 766.6                                     | 321.4                  |
| 247 | SLT | 1404 Subestaciones del Oriente                                      | 362.7                | 362.7    | 0.0         | 362.7            | 152.4                   | 42.0                | 0.0                                       | 152.4                  |
| 248 | SLT | 1401 SEs y LTs de las Áreas Baja California y Noroeste              | 1,189.2              | 1,189.2  | 0.0         | 1,189.2          | 343.1                   | 28.9                | 0.0                                       | 343.1                  |
| 249 | SLT | 1401 SEs y LTs de las Áreas Baja California y Noroeste <sup>U</sup> | 1,098.7              | 1,098.7  | 0.0         | 850.2            | 1,081.7                 | 98.5                | 604.0                                     | 477.7                  |
| 250 | SLT | 1402 Cambio de Tensión de la LT Culiacán - Los Mochis               | 857.9                | 857.9    | 0.0         | 857.9            | 170.8                   | 19.9                | 0.0                                       | 170.8                  |
| 251 | SE  | 1421 Distribución SUR (3a fase)                                     | 491.2                | 491.2    | 0.0         | 491.2            | 291.4                   | 59.3                | 0.0                                       | 291.4                  |
| 252 | SE  | 1403 Compensación Capacitiva de las Áreas Noroeste - Norte          | 151.6                | 151.6    | 0.0         | 151.6            | 23.9                    | 15.8                | 0.0                                       | 23.9                   |
| 253 | SE  | 1420 Distribución NORTE                                             | 1,566.2              | 631.6    | -59.7       | 631.6            | 423.4                   | 67.0                | 0.0                                       | 423.4                  |
| 258 | RM  | CT Altamira Unidades 1 y 2                                          | 8,244.6              | 8,244.6  | 0.0         | 7,274.8          | 7,274.8                 | 88.2                | 7,274.8                                   | 0.0                    |
| 259 | SE  | 1521 Distribución SUR (1ra fase) <sup>U</sup>                       | 1,648.3              | 1,648.3  | 0.0         | 641.2            | 485.7                   | 29.5                | 0.0                                       | 485.7                  |
| 260 | SE  | SE 1520 Distribución NORTE                                          | 718.8                | 200.9    | -72.1       | 200.9            | 187.2                   | 93.2                | 0.0                                       | 187.2                  |
| 261 | CCC | CoGeneración Salamanca Fase I <sup>U</sup>                          | 9,672.8              | 9,672.8  | 0.0         | 9,672.8          | 5,043.7                 | 52.1                | 574.3                                     | 4,469.4                |
| 262 | SLT | 1601 Transmisión y Transformación Noroeste - Norte                  | 720.5                | 720.5    | 0.0         | 720.5            | 312.5                   | 43.4                | 0.0                                       | 312.5                  |
| 264 | CC  | Centro <sup>U</sup>                                                 | 14,092.1             | 14,092.1 | 0.0         | 14,092.1         | 10,422.3                | 74.0                | 574.3                                     | 9,848.0                |
| 266 | SLT | 1603 Subestación Lago <sup>U</sup>                                  | 3,403.4              | 3,403.4  | 0.0         | 2,347.4          | 2,347.4                 | 69.0                | 1,745.9                                   | 601.5                  |
| 267 | SLT | 1604 Transmisión Ayotla-Chalco                                      | 456.6                | 456.6    | 0.0         | 456.6            | 263.9                   | 57.8                | 0.0                                       | 263.9                  |
| 268 | CCI | Guerrero Negro IV                                                   | 395.0                | 395.0    | 0.0         | 395.0            | 395.0                   | 100.0               | 395.0                                     | 0.0                    |
| 269 | LT  | Red de Transmisión asociada a la CI Guerrero Negro IV               | 55.2                 | 55.2     | 0.0         | 55.2             | 32.0                    | 57.9                | 0.0                                       | 32.0                   |
| 273 | SE  | 1621 Distribución Norte-Sur (1a Fase) <sup>U</sup>                  | 1,975.7              | 1,975.7  | 0.0         | 1,061.5          | 1,062.2                 | 53.8                | 566.8                                     | 495.5                  |
| 274 | SE  | 1620 Distribución Valle de México <sup>U</sup>                      | 5,561.4              | 5,561.4  | 0.0         | 2,641.1          | 2,640.7                 | 47.5                | 1,518.7                                   | 1,122.0                |
| 275 | CG  | Los Azufres III (Fase I)                                            | 1,336.3              | 1,336.3  | 0.0         | 1,336.3          | 773.6                   | 57.9                | 0.0                                       | 773.6                  |
| 278 | RM  | CT José López Portillo <sup>U</sup>                                 | 4,642.2              | 4,642.2  | 0.0         | 4,642.5          | 4,642.2                 | 100.0               | 1,672.0                                   | 2,970.2                |
| 280 | SLT | 1721 Distribución NORTE <sup>U</sup>                                | 1,945.1              | 1,945.1  | 0.0         | 667.1            | 667.3                   | 34.3                | 372.3                                     | 295.0                  |
| 281 | LT  | Red de Transmisión Asociada al CC Noreste <sup>U</sup>              | 1,657.3              | 1,800.5  | 8.6         | 1,800.8          | 1,800.5                 | 100.0               | 399.8                                     | 1,400.7                |
| 282 | SLT | 1720 Distribución Valle de México <sup>U</sup>                      | 1,148.7              | 1,148.7  | 0.0         | 516.3            | 516.0                   | 44.9                | 224.7                                     | 291.3                  |
| 283 | LT  | Red de Transmisión Asociada al CC Norte III <sup>U</sup>            | 476.4                | 476.4    | 0.0         | 397.9            | 397.9                   | 83.5                | 0.0                                       | 397.9                  |
| 284 | SE  | Los Humeros III Fase A <sup>U</sup>                                 | 2,487.1              | 2,487.1  | 0.0         | 1,472.0          | 1,472.8                 | 59.2                | 823.0                                     | 649.7                  |
| 286 | CCI | Baja California Sur V                                               | 2,046.5              | 2,046.5  | 0.0         | 2,046.5          | 1,432.6                 | 70.0                | 0.0                                       | 1,432.6                |
| 288 | SLT | 1722 Distribución Sur <sup>U</sup>                                  | 888.3                | 888.3    | 0.0         | 640.6            | 641.2                   | 72.2                | 341.3                                     | 299.9                  |
| 289 | CH  | Chicoasén II                                                        | 8,527.2              | 8,527.2  | 0.0         | 7,397.7          | 7,397.7                 | 86.8                | 7,397.7                                   | 0.0                    |
| 292 | SE  | 1701 Subestación Chimalpa Dos                                       | 1,174.0              | 1,174.0  | 0.0         | 1,174.0          | 1,011.7                 | 86.2                | 0.0                                       | 1,011.7                |
| 293 | SLT | 1703 Conversión a 400 kV de la Riviera Maya                         | 1,343.1              | 1,343.1  | 0.0         | 1,343.1          | 777.6                   | 57.9                | 0.0                                       | 777.6                  |
| 294 | SLT | 1702 Transmisión y Transformación Baja-Noíne (1a Fase)              | 1,000.6              | 1,000.6  | 0.0         | 1,000.6          | 541.2                   | 54.1                | 0.0                                       | 541.2                  |
| 295 | SLT | 1704 Interconexión Sist. Aislados Guerrero Negro Sta Rosalia        | 384.0                | 384.0    | 0.0         | 384.0            | 216.0                   | 56.2                | 0.0                                       | 216.0                  |
| 296 | CC  | Empalme I                                                           | 14,133.7             | 14,133.7 | 0.0         | 10,079.4         | 10,079.4                | 71.3                | 957.2                                     | 9,122.2                |
| 297 | LT  | Red de Transmisión Asociada al CC Empalme I <sup>U</sup>            | 2,754.3              | 2,754.3  | 0.0         | 1,923.7          | 1,923.7                 | 69.8                | 191.4                                     | 1,732.2                |
| 298 | CC  | Valle de México II                                                  | 13,377.1             | 13,377.1 | 0.0         | 8,142.3          | 8,142.3                 | 60.9                | 8,142.3                                   | 0.0                    |
| 300 | LT  | Red de transmisión asociada al CC Topolobampo III                   | 1,258.0              | 1,221.6  | -2.9        | 468.9            | 468.9                   | 38.4                | 468.9                                     | 0.0                    |



**Compromisos de proyectos de inversión financiada directa y condicionada respecto a su costo total adjudicados, en construcción y operación <sup>P/J</sup>**

**En términos de los artículos 107, fracción I, de la Ley Federal de Presupuesto y Responsabilidad Hacendaria y 205 de su Reglamento**

**Comisión Federal de Electricidad**

**Enero – junio 2019**

(Millones de pesos a precios de 2019) <sup>\*-/</sup>

| Nombre del Proyecto    |     |                                                                       | Costo total estimado |           |             | Monto Contratado | Comprometido al periodo |                     | Montos comprometidos por etapas           |                        |
|------------------------|-----|-----------------------------------------------------------------------|----------------------|-----------|-------------|------------------|-------------------------|---------------------|-------------------------------------------|------------------------|
|                        |     |                                                                       | PEF 2018             | PEF 2019  | Variación % |                  | Monto                   | % Respecto PEF 2018 | Proyectos adjudicados y/o en construcción | Proyectos en operación |
|                        |     |                                                                       |                      |           |             |                  |                         |                     |                                           |                        |
| (1)                    | (2) | (3=2/1)                                                               | (4)                  | (5=7+8)   | (6=5/2)     | (7)              | (8)                     |                     |                                           |                        |
| 304                    | LT  | 1805 Líneas de Transmisión Huasteca-Monterrey                         | 4,818.6              | 4,770.7   | -1.0        | 2,428.1          | 2,428.1                 | 50.9                | 2,428.1                                   | 0.0                    |
| 305                    | SE  | 1801 Subestaciones Baja-Noroeste                                      | 154.4                | 154.4     | 0.0         | 154.4            | 87.6                    | 56.7                | 0.0                                       | 87.6                   |
| 306                    | SE  | 1803 Subestaciones del Oriental (2a Fase)                             | 1,355.2              | 1,355.2   | 0.0         | 1,355.2          | 1,085.4                 | 80.1                | 0.0                                       | 1,085.4                |
| 307                    | SLT | 1802 Subestaciones y Líneas de Transmisión del Norte U                | 2,061.4              | 1,657.9   | -19.6       | 1,518.0          | 1,518.1                 | 91.6                | 233.2                                     | 1,284.9                |
| 308                    | SLT | 1804 Subestaciones y Líneas Transmisión Oriental-Peninsular (1a Fase) | 992.7                | 992.7     | 0.0         | 992.7            | 689.5                   | 69.5                | 0.0                                       | 689.5                  |
| 309                    | SLT | 1820 Divisiones de Distribución del Valle de México U                 | 1,838.4              | 1,838.4   | 0.0         | 928.8            | 929.1                   | 50.5                | 42.0                                      | 887.0                  |
| 310                    | SLT | 1821 Divisiones de Distribución U                                     | 2,240.3              | 2,240.3   | 0.0         | 500.0            | 500.0                   | 22.3                | 201.1                                     | 299.0                  |
| 311                    | RM  | CCC Tula Paquetes 1 y 2 U                                             | 6,289.3              | 6,766.6   | 7.6         | 6,767.6          | 6,766.6                 | 100.0               | 3,838.6                                   | 2,928.0                |
| 312                    | RM  | CH Temascal Unidades 1 a 4                                            | 507.2                | 507.2     | 0.0         | 506.4            | 507.2                   | 100.0               | 155.6                                     | 351.6                  |
| 313                    | CC  | Empalme II                                                            | 13,884.7             | 13,884.7  | 0.0         | 7,600.2          | 7,600.2                 | 54.7                | 7,600.2                                   | 0.0                    |
| 314                    | LT  | Red de Transmisión Asociada al CC Empalme II U                        | 2,721.2              | 2,721.2   | 0.0         | 1,833.2          | 1,832.9                 | 67.4                | 72.6                                      | 1,760.3                |
| 316                    | SE  | 1901 Subestaciones de Baja California                                 | 342.0                | 342.0     | 0.0         | 342.0            | 300.8                   | 88.0                | 0.0                                       | 300.8                  |
| 317                    | SLT | 1902 Subestaciones y Compensación del Noroeste                        | 1,285.1              | 1,285.1   | 0.0         | 1,285.1          | 1,054.8                 | 82.1                | 0.0                                       | 1,054.8                |
| 318                    | SE  | 1903 Subestaciones Norte - Noreste                                    | 288.0                | 288.0     | 0.0         | 288.0            | 198.6                   | 68.9                | 0.0                                       | 198.6                  |
| 319                    | SLT | 1904 Transmisión y Transformación de Occidente                        | 862.5                | 862.5     | 0.0         | 862.5            | 690.0                   | 80.0                | 0.0                                       | 690.0                  |
| 320                    | LT  | 1905 Transmisión Sureste - Peninsular                                 | 1,159.4              | 1,159.4   | 0.0         | 1,159.4          | 1,001.3                 | 86.4                | 0.0                                       | 1,001.3                |
| 321                    | SLT | 1920 Subestaciones y Líneas de Distribucion U                         | 1,124.4              | 1,124.4   | 0.0         | 1,077.8          | 1,076.9                 | 95.8                | 649.6                                     | 427.3                  |
| 322                    | SLT | 1921 Reducción de Pérdidas de Energía en Distribución U               | 10,781.4             | 10,781.4  | 0.0         | 9,431.7          | 8,639.8                 | 80.1                | 957.2                                     | 7,682.6                |
| 327                    | CG  | Los Azufres III Fase II                                               | 1,207.2              | 1,207.2   | 0.0         | 981.8            | 981.8                   | 81.3                | 981.8                                     | 0.0                    |
| 328                    | LT  | Red de transmisión asociada a la CG Los Azufres III Fase II           | 98.4                 | 86.8      | -11.8       | 86.8             | 83.8                    | 96.6                | 0.0                                       | 83.8                   |
| 336                    | SLT | 2001 Subestaciones y Líneas Baja California Sur - Noroeste U          | 2,496.3              | 2,461.8   | -1.4        | 1,731.3          | 1,731.3                 | 70.3                | 851.8                                     | 879.5                  |
| 337                    | SLT | 2002 Subestaciones y Líneas de las Áreas Norte - Occidental U         | 2,815.1              | 2,782.6   | -1.2        | 1,370.5          | 1,341.6                 | 48.2                | 382.9                                     | 958.8                  |
| 338                    | SLT | SLT 2020 Subestaciones, Líneas y Redes de Distribución U              | 3,189.2              | 3,189.2   | 0.0         | 610.6            | 610.5                   | 19.1                | 190.6                                     | 419.9                  |
| 339                    | SLT | 2021 Reducción de Pérdidas de Energía en Distribución (3A. Fase) U    | 16,174.2             | 16,174.2  | 0.0         | 10,465.0         | 10,465.4                | 64.7                | 547.9                                     | 9,917.6                |
| 349                    | SLT | SLT 2120 Subestaciones y Líneas de distribución U                     | 1,589.0              | 1,589.0   | 0.0         | 225.5            | 224.9                   | 14.2                | 114.3                                     | 110.6                  |
| 350                    | SLT | SLT 2121 Reducción de Pérdidas de Energía en Distribución U           | 2,512.1              | 2,512.1   | 0.0         | 2,512.1          | 2,512.1                 | 100.0               | 1,139.3                                   | 1,372.8                |
| Inversión condicionada |     |                                                                       | 257,995.8            | 257,995.8 | (0.0)       | 208,674.1        | 208,677.4               | 80.9                | 24,346.5                                  | 184,331.0              |
| 1                      | TRN | Terminal de Carbón de la CT Pdte. Plutarco Elías Calles               | 6,901.9              | 6,901.9   | 0.0         | 6,901.9          | 6,901.9                 | 100.0               | 0.0                                       | 6,901.9                |
| 2                      | CC  | Altamira II                                                           | 4,936.1              | 4,936.1   | 0.0         | 4,936.1          | 4,936.1                 | 100.0               | 0.0                                       | 4,936.1                |
| 3                      | CC  | Bajío                                                                 | 7,029.6              | 7,029.6   | 0.0         | 7,029.6          | 7,029.8                 | 100.0               | 0.0                                       | 7,029.8                |
| 4                      | CC  | Campeche                                                              | 2,866.3              | 2,866.3   | (0.0)       | 2,866.3          | 2,866.3                 | 100.0               | 0.0                                       | 2,866.3                |
| 5                      | CC  | Hermosillo U                                                          | 3,353.9              | 3,353.9   | 0.0         | 3,353.9          | 3,354.1                 | 100.0               | 0.0                                       | 3,354.1                |
| 6                      | CT  | Mérida III                                                            | 3,909.7              | 3,909.7   | 0.0         | 3,909.7          | 3,909.7                 | 100.0               | 0.0                                       | 3,909.7                |
| 7                      | CC  | Monterrey III                                                         | 4,953.8              | 4,953.8   | 0.0         | 4,953.8          | 4,954.5                 | 100.0               | 0.0                                       | 4,954.5                |
| 8                      | CC  | Naco - Nogales U                                                      | 3,092.2              | 3,092.2   | 0.0         | 3,092.2          | 3,092.2                 | 100.0               | 0.0                                       | 3,092.2                |
| 9                      | CC  | Río Bravo II                                                          | 4,555.4              | 4,555.4   | 0.0         | 4,555.4          | 4,555.4                 | 100.0               | 0.0                                       | 4,555.4                |
| 10                     | CC  | Mexicali                                                              | 6,799.1              | 6,799.1   | 0.0         | 6,799.1          | 6,799.1                 | 100.0               | 0.0                                       | 6,799.1                |
| 11                     | CC  | Saltillo                                                              | 3,274.8              | 3,274.8   | 0.0         | 3,274.8          | 3,275.6                 | 100.0               | 0.0                                       | 3,275.6                |
| 12                     | CC  | Tuxpan II                                                             | 5,815.1              | 5,815.1   | 0.0         | 5,815.1          | 5,815.1                 | 100.0               | 0.0                                       | 5,815.1                |
| 13                     | TRN | Gasoducto Cd. Pemex - Valladolid                                      | 5,801.7              | 5,801.7   | 0.0         | 5,801.7          | 5,802.6                 | 100.0               | 0.0                                       | 5,802.6                |
| 15                     | CC  | Altamira III y IV                                                     | 10,327.2             | 10,327.2  | 0.0         | 10,327.2         | 10,327.2                | 100.0               | 0.0                                       | 10,327.2               |

# Compromisos de proyectos de inversión financiada directa y condicionada respecto a su costo total adjudicados, en construcción y operación <sup>p./</sup>

En términos de los artículos 107, fracción I, de la Ley Federal de Presupuesto y Responsabilidad Hacendaria y 205 de su Reglamento

Comisión Federal de Electricidad

Enero – junio 2019

(Millones de pesos a precios de 2019) <sup>\*./</sup>

| Nombre del Proyecto |     |                                         | Costo total estimado |          |             | Monto Contratado | Comprometido al periodo |       | Montos comprometidos por etapas           |                        |
|---------------------|-----|-----------------------------------------|----------------------|----------|-------------|------------------|-------------------------|-------|-------------------------------------------|------------------------|
|                     |     |                                         | PEF 2018             | PEF 2019 | Variación % |                  | Monto                   | %     | Proyectos adjudicados y/o en construcción | Proyectos en operación |
|                     |     |                                         |                      |          |             |                  |                         |       |                                           |                        |
| 16                  | CC  | Chihuahua III                           | 3,253.2              | 3,253.2  | (0.0)       | 3,253.2          | 3,253.2                 | 100.0 | 0.0                                       | 3,253.2                |
| 17                  | CC  | La Laguna II                            | 6,496.7              | 6,496.7  | (0.0)       | 6,496.7          | 6,497.5                 | 100.0 | 0.0                                       | 6,497.5                |
| 18                  | CC  | Río Bravo III                           | 5,109.7              | 5,109.7  | (0.0)       | 5,109.7          | 5,109.7                 | 100.0 | 0.0                                       | 5,109.7                |
| 19                  | CC  | Tuxpan III y IV                         | 11,111.4             | 11,111.4 | 0.0         | 11,111.3         | 11,111.3                | 100.0 | 0.0                                       | 11,111.3               |
| 20                  | CC  | Altamira V                              | 10,941.7             | 10,941.7 | 0.0         | 10,941.7         | 10,941.7                | 100.0 | 0.0                                       | 10,941.7               |
| 21                  | CC  | Tamazunchale                            | 9,247.4              | 9,247.4  | 0.0         | 9,247.4          | 9,246.6                 | 100.0 | 0.0                                       | 9,246.6                |
| 24                  | CC  | Río Bravo IV                            | 5,118.4              | 5,118.4  | 0.0         | 5,118.4          | 5,119.2                 | 100.0 | 0.0                                       | 5,119.2                |
| 25                  | CC  | Tuxpan V                                | 5,646.7              | 5,646.7  | 0.0         | 5,647.5          | 5,647.5                 | 100.0 | 0.0                                       | 5,647.5                |
| 26                  | CC  | Valladolid III                          | 5,087.4              | 5,087.4  | 0.0         | 5,087.4          | 5,087.4                 | 100.0 | 0.0                                       | 5,087.4                |
| 28                  | CCC | Norte II                                | 9,006.1              | 9,006.1  | (0.0)       | 9,006.1          | 9,005.4                 | 100.0 | 0.0                                       | 9,005.4                |
| 29                  | CC  | Norte                                   | 9,219.6              | 9,219.6  | 0.0         | 9,219.6          | 9,219.8                 | 100.0 | 0.0                                       | 9,219.8                |
| 31                  | CE  | La Venta III                            | 3,065.2              | 3,065.2  | 0.0         | 3,065.2          | 3,065.0                 | 100.0 | 0.0                                       | 3,065.0                |
| 33                  | CE  | Oaxaca I                                | 3,094.8              | 3,094.8  | 0.0         | 3,094.8          | 3,095.6                 | 100.0 | 0.0                                       | 3,095.6                |
| 34                  | CE  | Oaxaca II, CE Oaxaca III y CE Oaxaca IV | 9,635.3              | 9,635.3  | 0.0         | 9,635.3          | 9,635.3                 | 100.0 | 0.0                                       | 9,635.3                |
| 36                  | CC  | Baja California III                     | 5,046.9              | 5,046.9  | (0.0)       | 5,046.9          | 5,046.4                 | 100.0 | 0.0                                       | 5,046.4                |
| 38                  | CC  | Norte III (Juárez)                      | 19,696.1             | 19,696.1 | (0.0)       | 10,766.1         | 10,766.1                | 54.7  | 10,766.1                                  | 0.0                    |
| 40                  | CE  | Sureste I                               | 10,775.4             | 10,775.4 | 0.0         | 3,016.3          | 3,016.3                 | 28.0  | 0.0                                       | 3,016.3                |
| 42                  | CC  | Noroeste                                | 12,551.3             | 12,551.3 | (0.0)       | 6,403.6          | 6,403.6                 | 51.0  | 6,403.6                                   | 0.0                    |
| 43                  | CC  | Noreste                                 | 28,198.3             | 28,198.3 | 0.0         | 6,613.5          | 6,613.5                 | 23.5  | 0.0                                       | 6,613.5                |
| 45                  | CC  | Topolobampo III                         | 12,077.6             | 12,077.6 | (0.0)       | 7,176.7          | 7,176.7                 | 59.4  | 7,176.7                                   | 0.0                    |

p./ Cifras preliminares. Las sumas de los parciales pueden no coincidir con los totales debido al redondeo.

\*./ El tipo de cambio utilizado es de 19.1442 al cierre de junio de 2019.

1./ Se modificó el monto contratado, ya que el reportado en el PEF 2019 es menor al monto comprometido del periodo.

Fuente: Comisión Federal de Electricidad.

**Valor presente neto por proyecto de inversión financiada directa <sup>P/</sup>**
**Con base en los artículos 107 fracción I, inciso d) de la Ley Federal de Presupuesto y Responsabilidad**
**Hacendaria y 205 de su Reglamento**
**Comisión Federal de Electricidad**
**Enero – junio 2019**

(Millones de pesos a precios de 2019) <sup>1/</sup>

| Nombre del Proyecto <sup>2/</sup> |                                                  | Antes de Impuestos                                   |                                                       | Después de Impuestos                                  | Inicio de operaciones <sup>3/</sup> | Entrega de obra | Término de obligaciones <sup>4/</sup> | Plazo del pago |       |
|-----------------------------------|--------------------------------------------------|------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------|-----------------|---------------------------------------|----------------|-------|
|                                   |                                                  | Valor presente neto de la evaluación económica (VPN) | Valor presente neto de la evaluación financiera (VPN) | Valor presente neto de la evaluación financiera (VPN) |                                     |                 |                                       | años           | meses |
| <b>Total</b>                      |                                                  | <b>3,283,041.8</b>                                   | <b>3,283,041.8</b>                                    | <b>3,283,041.8</b>                                    |                                     |                 |                                       |                |       |
| <b>Autorizados en 1997</b>        |                                                  | <b>93,154.3</b>                                      | <b>93,154.3</b>                                       | <b>93,154.3</b>                                       |                                     |                 |                                       |                |       |
| 1                                 | CG Cerro Prieto IV                               | 4,173.0                                              | 4,173.0                                               | 4,173.0                                               | 25-jul-00                           | 25-jul-00       | 04-may-15                             | 14             | 9     |
| 2                                 | CC Chihuahua                                     | 18,958.2                                             | 18,958.2                                              | 18,958.2                                              | 08-may-01                           | 08-may-01       | 31-mar-16                             | 14             | 3     |
| 3                                 | CCI Guerrero Negro II                            | 831.7                                                | 831.7                                                 | 831.7                                                 | 03-abr-04                           | 03-abr-04       | 21-may-14                             | 9              | 6     |
| 4                                 | CC Monterrey II                                  | 12,037.1                                             | 12,037.1                                              | 12,037.1                                              | 17-sep-00                           | 17-sep-00       | 01-nov-14                             | 14             | 0     |
| 5                                 | CD Puerto San Carlos II                          | 1,414.3                                              | 1,414.3                                               | 1,414.3                                               | 23-dic-01                           | 23-dic-01       | 01-dic-11                             | 9              | 5     |
| 6                                 | CC Rosarito III (Unidades 8 y 9)                 | 10,882.4                                             | 10,882.4                                              | 10,882.4                                              | 04-jul-01                           | 04-jul-01       | 31-may-16                             | 14             | 6     |
| 7                                 | CT Samalayuca II                                 | 12,421.5                                             | 12,421.5                                              | 12,421.5                                              | 08-ene-99                           | 08-ene-99       | 15-feb-19                             | 19             | 9     |
| 9                                 | LT 211 Cable Submarino                           | 5,529.0                                              | 5,529.0                                               | 5,529.0                                               | 31-jul-99                           | 30-sep-99       | 15-jul-09                             | 9              | 9     |
| 10                                | LT 214 y 215 Sureste-Peninsular                  | 6,143.6                                              | 6,143.6                                               | 6,143.6                                               | 19-nov-99                           | 04-ago-00       | 15-jul-15                             | 15             | 0     |
| 11                                | LT 216 y 217 Noroeste                            | 3,979.0                                              | 3,979.0                                               | 3,979.0                                               | 03-jun-99                           | 15-jun-00       | 15-oct-09                             | 10             | 0     |
| 12                                | SE 212 y 213 SF6 Potencia y Distribución         | 4,541.4                                              | 4,541.4                                               | 4,541.4                                               | 07-jul-99                           | 10-ago-00       | 15-ene-14                             | 14             | 3     |
| 13                                | SE 218 Noroeste                                  | 4,111.7                                              | 4,111.7                                               | 4,111.7                                               | 30-jun-99                           | 30-jun-99       | 15-abr-15                             | 15             | 3     |
| 14                                | SE 219 Sureste-Peninsular                        | 2,613.9                                              | 2,613.9                                               | 2,613.9                                               | 30-ago-99                           | 30-ago-99       | 15-jul-09                             | 9              | 9     |
| 15                                | SE 220 Oriental-Centro                           | 2,303.2                                              | 2,303.2                                               | 2,303.2                                               | 14-may-99                           | 30-jun-00       | 15-oct-09                             | 10             | 0     |
| 16                                | SE 221 Occidental                                | 3,214.1                                              | 3,214.1                                               | 3,214.1                                               | 30-sep-99                           | 30-sep-99       | 15-jul-14                             | 14             | 9     |
| <b>Autorizados en 1998</b>        |                                                  | <b>11,128.3</b>                                      | <b>11,128.3</b>                                       | <b>11,128.3</b>                                       |                                     |                 |                                       |                |       |
| 17                                | LT 301 Centro                                    | 1,535.8                                              | 1,535.8                                               | 1,535.8                                               | 03-jul-01                           | 30-ago-02       | 30-sep-11                             | 9              | 11    |
| 18                                | LT 302 Sureste                                   | 1,399.0                                              | 1,399.0                                               | 1,399.0                                               | 03-ago-01                           | 22-may-02       | 31-dic-11                             | 9              | 11    |
| 19                                | LT 303 Ixtapa - Pie de la Cuesta                 | 1,218.7                                              | 1,218.7                                               | 1,218.7                                               | 02-ago-01                           | 24-oct-01       | 15-jul-11                             | 9              | 9     |
| 20                                | LT 304 Noroeste                                  | 1,169.2                                              | 1,169.2                                               | 1,169.2                                               | 11-may-01                           | 31-jul-01       | 30-sep-11                             | 10             | 4     |
| 21                                | SE 305 Centro-Oriente                            | 1,772.7                                              | 1,772.7                                               | 1,772.7                                               | 03-jul-01                           | 31-ago-01       | 31-ago-11                             | 10             | 1     |
| 22                                | SE 306 Sureste                                   | 1,401.3                                              | 1,401.3                                               | 1,401.3                                               | 31-ago-01                           | 05-nov-01       | 15-jul-11                             | 9              | 11    |
| 23                                | SE 307 Noreste                                   | 932.9                                                | 932.9                                                 | 932.9                                                 | 18-abr-01                           | 18-abr-01       | 30-sep-11                             | 9              | 11    |
| 24                                | SE 308 Noroeste                                  | 1,698.8                                              | 1,698.8                                               | 1,698.8                                               | 11-may-01                           | 27-feb-02       | 31-dic-11                             | 10             | 2     |
| <b>Autorizados en 1999</b>        |                                                  | <b>82,402.8</b>                                      | <b>82,402.8</b>                                       | <b>82,402.8</b>                                       |                                     |                 |                                       |                |       |
| 25                                | CG Los Azufres II y Campo Geotérmico             | 7,696.5                                              | 7,696.5                                               | 7,696.5                                               | 21-nov-02                           | 21-jul-03       | 09-jul-18                             | 15             | 6     |
| 26                                | CH Manuel Moreno Torres (2a. Etapa)              | 31,072.9                                             | 31,072.9                                              | 31,072.9                                              | 28-ene-05                           | 28-ene-05       | 29-ago-18                             | 13             | 9     |
| 27                                | LT 406 Red Asociada a Tuxpan II, III y IV        | 9,695.4                                              | 9,695.4                                               | 9,695.4                                               | 02-ago-01                           | 30-ago-03       | 28-jun-18                             | 16             | 8     |
| 28                                | LT 407 Red Asociada a Altamira II, III y IV      | 12,288.1                                             | 12,288.1                                              | 12,288.1                                              | 24-oct-01                           | 14-mar-04       | 09-jul-18                             | 16             | 3     |
| 29                                | LT 408 Naco-Nogales - Área Noroeste              | 1,820.5                                              | 1,820.5                                               | 1,820.5                                               | 21-oct-02                           | 28-abr-03       | 01-abr-13                             | 10             | 6     |
| 30                                | LT 411 Sistema Nacional                          | 4,172.0                                              | 4,172.0                                               | 4,172.0                                               | 16-ago-02                           | 22-dic-03       | 09-jul-18                             | 15             | 9     |
| 31                                | LT Manuel Moreno Torres Red Asociada (2a. Etapa) | 2,964.8                                              | 2,964.8                                               | 2,964.8                                               | 06-nov-03                           | 06-nov-03       | 29-ago-18                             | 14             | 9     |
| 32                                | SE 401 Occidental - Central                      | 1,643.9                                              | 1,643.9                                               | 1,643.9                                               | 19-nov-02                           | 19-nov-02       | 19-dic-12                             | 10             | 0     |
| 33                                | SE 402 Oriental - Peninsular                     | 2,196.1                                              | 2,196.1                                               | 2,196.1                                               | 13-dic-02                           | 15-jun-05       | 06-mar-15                             | 11             | 9     |
| 34                                | SE 403 Noreste                                   | 800.0                                                | 800.0                                                 | 800.0                                                 | 20-feb-02                           | 12-nov-02       | 13-nov-12                             | 10             | 9     |
| 35                                | SE 404 Noroeste-Norte                            | 1,432.8                                              | 1,432.8                                               | 1,432.8                                               | 10-may-02                           | 11-jul-02       | 15-jul-11                             | 9              | 2     |
| 36                                | SE 405 Compensación Alta Tensión                 | 2,028.8                                              | 2,028.8                                               | 2,028.8                                               | 21-abr-03                           | 01-sep-03       | 17-sep-13                             | 9              | 11    |
| 37                                | SE 410 Sistema Nacional                          | 4,591.1                                              | 4,591.1                                               | 4,591.1                                               | 21-ago-02                           | 13-dic-02       | 22-oct-12                             | 10             | 0     |
| <b>Autorizados en 2000</b>        |                                                  | <b>50,978.9</b>                                      | <b>50,978.9</b>                                       | <b>50,978.9</b>                                       |                                     |                 |                                       |                |       |
| 38                                | CC El Sauz conversión de TG a CC                 | 21,294.3                                             | 21,294.3                                              | 21,294.3                                              | 30-nov-03                           | 30-nov-03       | 29-ago-18                             | 14             | 4     |
| 39                                | LT 414 Norte-Occidental                          | 2,481.4                                              | 2,481.4                                               | 2,481.4                                               | 23-jun-03                           | 18-ago-03       | 28-jun-18                             | 14             | 8     |
| 40                                | LT 502 Oriental - Norte                          | 986.3                                                | 986.3                                                 | 986.3                                                 | 01-ago-04                           | 14-ene-05       | 29-jun-15                             | 10             | 10    |
| 41                                | LT 506 Saltillo-Cañada                           | 8,886.5                                              | 8,886.5                                               | 8,886.5                                               | 11-dic-03                           | 11-dic-03       | 09-jul-18                             | 14             | 3     |
| 42                                | LT Red Asociada de la Central Tamazunchale       | 6,667.8                                              | 6,667.8                                               | 6,667.8                                               | 29-ago-06                           | 31-ene-07       | 29-ago-18                             | 11             | 5     |
| 43                                | LT Red Asociada de la Central Río Bravo III      | 4,778.7                                              | 4,778.7                                               | 4,778.7                                               | 10-oct-03                           | 14-may-04       | 29-ago-18                             | 14             | 8     |
| 44                                | SE 412 Compensación Norte                        | 746.0                                                | 746.0                                                 | 746.0                                                 | 09-may-03                           | 09-may-03       | 28-may-13                             | 9              | 6     |
| 45                                | SE 413 Noroeste - Occidental                     | 2,492.8                                              | 2,492.8                                               | 2,492.8                                               | 09-ene-04                           | 01-sep-04       | 29-ago-18                             | 13             | 11    |
| 46                                | SE 503 Oriental                                  | 668.4                                                | 668.4                                                 | 668.4                                                 | 05-abr-04                           | 01-may-03       | 28-may-13                             | 10             | 1     |
| 47                                | SE 504 Norte - Occidental                        | 1,976.7                                              | 1,976.7                                               | 1,976.7                                               | 05-mar-03                           | 01-oct-03       | 31-ene-14                             | 10             | 3     |
| <b>Autorizados en 2001</b>        |                                                  | <b>25,024.5</b>                                      | <b>25,024.5</b>                                       | <b>25,024.5</b>                                       |                                     |                 |                                       |                |       |

**Valor presente neto por proyecto de inversión financiada directa <sup>P/J</sup>**  
**Con base en los artículos 107 fracción I, inciso d) de la Ley Federal de Presupuesto y Responsabilidad**  
**Hacendaria y 205 de su Reglamento**  
**Comisión Federal de Electricidad**  
**Enero – junio 2019**  
 (Millones de pesos a precios de 2019) <sup>1/J</sup>

|                            |     | Nombre del Proyecto <sup>2/J</sup>                          | Antes de Impuestos                                   |                                                       | Después de impuestos                                  | Inicio de operaciones <sup>3/J</sup> | Entrega de obra | Término de obligaciones <sup>4/J</sup> | Plazo del pago |       |
|----------------------------|-----|-------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|--------------------------------------|-----------------|----------------------------------------|----------------|-------|
|                            |     |                                                             | Valor presente neto de la evaluación económica (VPN) | Valor presente neto de la evaluación financiera (VPN) | Valor presente neto de la evaluación financiera (VPN) |                                      |                 |                                        | años           | meses |
| 48                         | CCI | Baja California Sur I                                       | 1,372.0                                              | 1,372.0                                               | 1,372.0                                               | 29-jul-05                            | 29-jul-05       | 29-ago-18                              | 13             | 0     |
| 49                         | LT  | 609 Transmisión Noroeste - Occidental                       | 3,687.2                                              | 3,687.2                                               | 3,687.2                                               | 13-jul-05                            | 13-jul-05       | 28-jun-18                              | 12             | 9     |
| 50                         | LT  | 610 Transmisión Noroeste - Norte                            | 2,582.2                                              | 2,582.2                                               | 2,582.2                                               | 15-oct-04                            | 31-mar-08       | 29-ago-18                              | 13             | 8     |
| 51                         | LT  | 612 Subtransmisión Norte - Noreste                          | 2,452.1                                              | 2,452.1                                               | 2,452.1                                               | 10-feb-09                            | 16-dic-08       | 30-sep-16                              | 11             | 8     |
| 52                         | LT  | 613 Subtransmisión Occidental                               | 1,082.0                                              | 1,082.0                                               | 1,082.0                                               | 01-ago-04                            | 06-dic-04       | 29-ago-18                              | 13             | 5     |
| 53                         | LT  | 614 Subtransmisión Oriental                                 | 691.6                                                | 691.6                                                 | 691.6                                                 | 01-ene-05                            | 01-jun-05       | 13-sep-16                              | 11             | 6     |
| 54                         | LT  | 615 Subtransmisión Peninsular                               | 783.4                                                | 783.4                                                 | 783.4                                                 | 19-oct-04                            | 01-mar-06       | 19-abr-16                              | 11             | 6     |
| 55                         | LT  | Red Asociada de Transmisión de la CCI Baja California Sur I | 198.2                                                | 198.2                                                 | 198.2                                                 | 09-feb-04                            | 09-feb-04       | 05-mar-14                              | 10             | 1     |
| 57                         | LT  | 1012 Red de Transmisión Asociada a la CCC Baja California   | 494.7                                                | 494.7                                                 | 494.7                                                 | 01-sep-08                            | 17-ago-08       | 11-ene-18                              | 9              | 0     |
| 58                         | SE  | 607 Sistema Bajío - Oriental                                | 3,741.9                                              | 3,741.9                                               | 3,741.9                                               | 20-feb-04                            | 20-feb-04       | 29-ago-18                              | 14             | 4     |
| 59                         | SE  | 611 Subtransmisión Baja California - Noroeste               | 1,151.2                                              | 1,151.2                                               | 1,151.2                                               | 25-oct-05                            | 16-abr-07       | 13-sep-16                              | 10             | 6     |
| 60                         | SUV | Suministro de vapor a las Centrales de Cerro Prieto         | 6,788.0                                              | 6,788.0                                               | 6,788.0                                               | 25-jun-04                            | 01-dic-08       | 30-sep-16                              | 10             | 9     |
| <b>Autorizados en 2002</b> |     |                                                             | <b>132,510.1</b>                                     | <b>132,510.1</b>                                      | <b>132,510.1</b>                                      |                                      |                 |                                        |                |       |
| 61                         | CC  | Hermosillo Conversión de TG a CC                            | 10,275.0                                             | 10,275.0                                              | 10,275.0                                              | 03-sep-05                            | 03-sep-05       | 28-jun-18                              | 12             | 3     |
| 62                         | CCC | Pacífico                                                    | 31,735.1                                             | 31,735.1                                              | 31,735.1                                              | 21-mar-10                            | 21-mar-10       | 15-jun-22                              | 11             | 10    |
| 63                         | CH  | El Cajón                                                    | 12,223.6                                             | 12,223.6                                              | 12,223.6                                              | 28-feb-07                            | 31-ago-07       | 11-dic-36                              | 29             | 7     |
| 64                         | LT  | Líneas Centro                                               | 238.8                                                | 238.8                                                 | 238.8                                                 | 24-jul-06                            | 03-jul-06       | 15-ene-16                              | 9              | 10    |
| 65                         | LT  | Red de Transmisión Asociada a la CH el Cajón                | 1,121.3                                              | 1,121.3                                               | 1,121.3                                               | 07-jul-06                            | 07-ago-06       | 29-ago-18                              | 12             | 1     |
| 66                         | LT  | Red de Transmisión Asociada a Altamira V                    | 6,866.8                                              | 6,866.8                                               | 6,866.8                                               | 11-jul-05                            | 28-feb-07       | 29-ago-18                              | 12             | 11    |
| 67                         | LT  | Red de Transmisión Asociada a la Laguna II                  | 2,450.6                                              | 2,450.6                                               | 2,450.6                                               | 28-oct-04                            | 28-oct-04       | 17-sep-14                              | 9              | 5     |
| 68                         | LT  | Red de Transmisión Asociada a el Pacífico                   | 3,558.3                                              | 3,558.3                                               | 3,558.3                                               | 24-jun-09                            | 23-mar-12       | 19-abr-23                              | 13             | 6     |
| 69                         | LT  | 707 Enlace Norte-Sur                                        | 1,869.7                                              | 1,869.7                                               | 1,869.7                                               | 14-may-04                            | 14-may-04       | 21-may-14                              | 10             | 0     |
| 70                         | LT  | Riviera Maya                                                | 1,575.5                                              | 1,575.5                                               | 1,575.5                                               | 29-dic-04                            | 29-dic-04       | 09-jul-18                              | 13             | 4     |
| 71                         | PRR | Presa Reguladora Amata                                      | 2,220.0                                              | 2,220.0                                               | 2,220.0                                               | 14-ago-05                            | 14-ago-05       | 06-mar-15                              | 9              | 2     |
| 72                         | RM  | Adolfo López Mateos                                         | 2,146.0                                              | 2,146.0                                               | 2,146.0                                               | 04-jun-05                            | 25-oct-05       | 06-mar-15                              | 9              | 9     |
| 73                         | RM  | Altamira                                                    | 4,211.3                                              | 4,211.3                                               | 4,211.3                                               | 29-dic-09                            | 29-dic-09       | 26-jul-19                              | 9              | 5     |
| 74                         | RM  | Botello                                                     | 357.7                                                | 357.7                                                 | 357.7                                                 | 15-abr-05                            | 15-abr-05       | 29-ago-18                              | 12             | 8     |
| 75                         | RM  | Carbón II                                                   | 3,202.5                                              | 3,202.5                                               | 3,202.5                                               | 30-oct-04                            | 21-feb-05       | 29-ago-18                              | 13             | 10    |
| 76                         | RM  | Carlos Rodríguez Rivero                                     | 1,010.9                                              | 1,010.9                                               | 1,010.9                                               | 01-sep-05                            | 28-dic-05       | 15-ene-16                              | 9              | 4     |
| 77                         | RM  | Dos Bocas                                                   | 3,374.4                                              | 3,374.4                                               | 3,374.4                                               | 07-abr-05                            | 07-abr-05       | 29-ago-18                              | 12             | 8     |
| 78                         | RM  | Emilio Portes Gil                                           | 248.6                                                | 248.6                                                 | 248.6                                                 | 11-abr-04                            | 11-abr-04       | 21-may-14                              | 10             | 1     |
| 79                         | RM  | Francisco Pérez Ríos                                        | 6,557.7                                              | 6,557.7                                               | 6,557.7                                               | 20-may-08                            | 09-jul-07       | 29-ago-18                              | 10             | 3     |
| 80                         | RM  | Gomez Palacio                                               | 2,319.7                                              | 2,319.7                                               | 2,319.7                                               | 15-ago-05                            | 09-nov-06       | 15-abr-16                              | 10             | 8     |
| 82                         | RM  | Huinalá                                                     | 225.8                                                | 225.8                                                 | 225.8                                                 | 03-nov-05                            | 03-nov-05       | 06-mar-15                              | 9              | 0     |
| 83                         | RM  | Ixtaczoquitlán                                              | 68.6                                                 | 68.6                                                  | 68.6                                                  | 25-ago-05                            | 25-ago-05       | 29-ago-18                              | 12             | 8     |
| 84                         | RM  | José Aceves Pozos (Mazatlán II)                             | 1,650.7                                              | 1,650.7                                               | 1,650.7                                               | 01-feb-07                            | 01-feb-07       | 15-abr-16                              | 9              | 1     |
| 87                         | RM  | Gral. Manuel Alvarez Moreno (Manzanillo)                    | 3,473.0                                              | 3,473.0                                               | 3,473.0                                               | 16-may-05                            | 17-dic-05       | 06-mar-15                              | 9              | 6     |
| 90                         | RM  | CT Puerto Libertad                                          | 717.4                                                | 717.4                                                 | 717.4                                                 | 15-jul-05                            | 15-jul-05       | 06-mar-15                              | 9              | 7     |
| 91                         | RM  | Punta Prieta                                                | 1,103.5                                              | 1,103.5                                               | 1,103.5                                               | 25-may-06                            | 04-jun-06       | 29-ago-18                              | 12             | 1     |
| 92                         | RM  | Salamanca                                                   | 1,721.4                                              | 1,721.4                                               | 1,721.4                                               | 07-jun-05                            | 14-dic-05       | 15-ene-16                              | 10             | 4     |
| 93                         | RM  | Tuxpango                                                    | 1,671.9                                              | 1,671.9                                               | 1,671.9                                               | 26-oct-05                            | 26-oct-05       | 29-ago-18                              | 12             | 9     |
| 94                         | RM  | CT Valle de México                                          | 745.1                                                | 745.1                                                 | 745.1                                                 | 27-feb-05                            | 27-feb-05       | 30-jun-15                              | 10             | 3     |
| 95                         | SE  | Norte                                                       | 327.0                                                | 327.0                                                 | 327.0                                                 | 03-oct-05                            | 03-oct-05       | 06-mar-15                              | 9              | 0     |
| 98                         | SE  | 705 Capacitores                                             | 204.9                                                | 204.9                                                 | 204.9                                                 | 21-jul-05                            | 31-jul-05       | 06-mar-15                              | 9              | 7     |
| 99                         | SE  | 708 Compensación Dinámicas Oriental -Norte                  | 1,618.5                                              | 1,618.5                                               | 1,618.5                                               | 09-jun-05                            | 29-jul-05       | 28-jun-18                              | 13             | 0     |
| 100                        | SLT | 701 Occidente-Centro                                        | 2,321.4                                              | 2,321.4                                               | 2,321.4                                               | 21-sep-06                            | 21-abr-08       | 29-ago-18                              | 11             | 10    |
| 101                        | SLT | 702 Sureste-Peninsular                                      | 1,721.6                                              | 1,721.6                                               | 1,721.6                                               | 30-abr-06                            | 25-may-09       | 17-abr-19                              | 12             | 6     |
| 102                        | SLT | 703 Noreste-Norte                                           | 914.1                                                | 914.1                                                 | 914.1                                                 | 16-ago-06                            | 09-dic-06       | 13-sep-16                              | 9              | 11    |

**Valor presente neto por proyecto de inversión financiada directa <sup>P/L</sup>****Con base en los artículos 107 fracción I, inciso d) de la Ley Federal de Presupuesto y Responsabilidad****Hacendaria y 205 de su Reglamento****Comisión Federal de Electricidad****Enero – junio 2019**(Millones de pesos a precios de 2019) <sup>1/L</sup>

| Nombre del Proyecto <sup>2/L</sup> |     |                                                   | Antes de Impuestos                                   |                                                       | Después de Impuestos                                  | Inicio de operaciones <sup>3/L</sup> | Entrega de obra | Término de obligaciones <sup>4/L</sup> | Plazo del pago |       |
|------------------------------------|-----|---------------------------------------------------|------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|--------------------------------------|-----------------|----------------------------------------|----------------|-------|
|                                    |     |                                                   | Valor presente neto de la evaluación económica (VPN) | Valor presente neto de la evaluación financiera (VPN) | Valor presente neto de la evaluación financiera (VPN) |                                      |                 |                                        | años           | meses |
| 103                                | SLT | 704 Baja California -Noroeste                     | 464.2                                                | 464.2                                                 | 464.2                                                 | 05-oct-05                            | 29-ago-05       | 06-mar-15                              | 9              | 5     |
| 104                                | SLT | 706 Sistemas Norte                                | 12,537.0                                             | 12,537.0                                              | 12,537.0                                              | 02-ago-05                            | 09-dic-16       | 29-sep-36                              | 31             | 0     |
| 105                                | SLT | 709 Sistemas Sur                                  | 3,460.6                                              | 3,460.6                                               | 3,460.6                                               | 17-mar-06                            | 25-ene-06       | 28-jun-18                              | 12             | 3     |
| <b>Autorizados en 2003</b>         |     |                                                   | <b>55,544.9</b>                                      | <b>55,544.9</b>                                       | <b>55,544.9</b>                                       |                                      |                 |                                        |                |       |
| 106                                | CC  | Conversión El Encino de TG a CC                   | 12,538.4                                             | 12,538.4                                              | 12,538.4                                              | 16-dic-06                            | 16-dic-06       | 29-ago-18                              | 11             | 5     |
| 107                                | CCI | Baja California Sur II                            | 846.0                                                | 846.0                                                 | 846.0                                                 | 10-jun-07                            | 10-jun-07       | 29-ago-18                              | 11             | 2     |
| 108                                | LT  | 807 Durango I                                     | 763.2                                                | 763.2                                                 | 763.2                                                 | 06-feb-06                            | 07-abr-06       | 15-ene-16                              | 9              | 11    |
| 110                                | RM  | CCC Tula                                          | 567.7                                                | 567.7                                                 | 567.7                                                 | 07-mar-07                            | 11-jun-07       | 15-abr-16                              | 8              | 9     |
| 111                                | RM  | CGT Cerro Prieto (US)                             | 1,700.9                                              | 1,700.9                                               | 1,700.9                                               | 15-ago-09                            | 15-ago-09       | 26-jul-19                              | 9              | 5     |
| 112                                | RM  | CT Carbón II Unidades 2 y 4                       | 2,899.0                                              | 2,899.0                                               | 2,899.0                                               | 26-sep-05                            | 31-dic-10       | 29-ago-18                              | 12             | 8     |
| 113                                | RM  | CT Emilio Portes Gil Unidad 4                     | 1,787.8                                              | 1,787.8                                               | 1,787.8                                               | 24-jul-07                            | 03-ago-07       | 26-may-17                              | 9              | 7     |
| 114                                | RM  | CT Francisco Pérez Ríos Unidad 5                  | 2,349.0                                              | 2,349.0                                               | 2,349.0                                               | 10-may-06                            | 10-may-06       | 28-jun-18                              | 11             | 11    |
| 117                                | RM  | CT Pdte. Adolfo López Mateos Unidades 3, 4, 5 y 6 | 6,366.6                                              | 6,366.6                                               | 6,366.6                                               | 09-ene-07                            | 03-dic-07       | 10-nov-17                              | 9              | 11    |
| 118                                | RM  | CT Pdte. Plutarco Elías Calles Unidades 1 y 2     | 1,991.3                                              | 1,991.3                                               | 1,991.3                                               | 03-may-07                            | 24-jul-07       | 26-may-17                              | 9              | 7     |
| 122                                | SE  | 811 Noroeste                                      | 383.5                                                | 383.5                                                 | 383.5                                                 | 05-may-06                            | 26-may-06       | 15-ene-16                              | 9              | 6     |
| 123                                | SE  | 812 Golfo Norte                                   | 140.4                                                | 140.4                                                 | 140.4                                                 | 17-ago-06                            | 10-nov-06       | 15-abr-16                              | 9              | 6     |
| 124                                | SE  | 813 División Bajío                                | 2,741.6                                              | 2,741.6                                               | 2,741.6                                               | 24-jul-06                            | 23-ago-06       | 11-ene-18                              | 11             | 3     |
| 126                                | SLT | 801 Altiplano                                     | 4,660.6                                              | 4,660.6                                               | 4,660.6                                               | 08-sep-06                            | 07-dic-07       | 29-ago-18                              | 11             | 10    |
| 127                                | SLT | 802 Tamaulipas                                    | 4,075.3                                              | 4,075.3                                               | 4,075.3                                               | 12-may-07                            | 16-jul-07       | 29-ago-18                              | 10             | 11    |
| 128                                | SLT | 803 NOINE                                         | 3,589.0                                              | 3,589.0                                               | 3,589.0                                               | 04-oct-06                            | 05-dic-07       | 10-nov-17                              | 11             | 1     |
| 130                                | SLT | 806 Bajío                                         | 8,144.7                                              | 8,144.7                                               | 8,144.7                                               | 30-mar-06                            | 14-oct-10       | 28-jun-20                              | 13             | 11    |
| <b>Autorizados en 2004</b>         |     |                                                   | <b>9,172.3</b>                                       | <b>9,172.3</b>                                        | <b>9,172.3</b>                                        |                                      |                 |                                        |                |       |
| 132                                | CE  | La Venta II                                       | 627.2                                                | 627.2                                                 | 627.2                                                 | 31-ene-07                            | 19-ene-07       | 19-ene-22                              | 14             | 11    |
| 136                                | LT  | Red de Transmisión Asociada a la CE La Venta II   | 116.7                                                | 116.7                                                 | 116.7                                                 | 10-oct-06                            | 24-nov-06       | 30-sep-16                              | 9              | 6     |
| 138                                | SE  | 911 Noreste                                       | 991.4                                                | 991.4                                                 | 991.4                                                 | 12-jul-07                            | 12-jul-07       | 23-feb-17                              | 9              | 5     |
| 139                                | SE  | 912 División Oriente                              | 257.5                                                | 257.5                                                 | 257.5                                                 | 21-jul-09                            | 15-dic-10       | 17-abr-19                              | 9              | 9     |
| 140                                | SE  | 914 División Centro Sur                           | 775.0                                                | 775.0                                                 | 775.0                                                 | 20-abr-10                            | 24-mar-10       | 13-sep-24                              | 14             | 3     |
| 141                                | SE  | 915 Occidental                                    | 346.6                                                | 346.6                                                 | 346.6                                                 | 26-mar-08                            | 26-mar-08       | 11-ene-18                              | 9              | 8     |
| 142                                | SLT | 901 Pacífico                                      | 1,635.5                                              | 1,635.5                                               | 1,635.5                                               | 01-abr-08                            | 21-ago-08       | 28-jun-18                              | 9              | 11    |
| 143                                | SLT | 902 Istmo                                         | 2,144.1                                              | 2,144.1                                               | 2,144.1                                               | 08-mar-07                            | 28-sep-07       | 29-ago-18                              | 11             | 4     |
| 144                                | SLT | 903 Cabo - Norte                                  | 2,278.4                                              | 2,278.4                                               | 2,278.4                                               | 25-ago-06                            | 19-abr-07       | 29-ago-18                              | 11             | 10    |
| <b>Autorizados en 2005</b>         |     |                                                   | <b>90,872.4</b>                                      | <b>90,872.4</b>                                       | <b>90,872.4</b>                                       |                                      |                 |                                        |                |       |
| 146                                | CH  | La Yesca                                          | 20,667.2                                             | 20,667.2                                              | 20,667.2                                              | 15-oct-12                            | 31-dic-14       | 18-ago-42                              | 29             | 5     |
| 147                                | CCC | Baja California                                   | 3,247.9                                              | 3,247.9                                               | 3,247.9                                               | 14-jul-09                            | 14-jul-09       | 17-abr-19                              | 9              | 6     |
| 148                                | RFO | Red de Fibra Óptica Proyecto Sur                  | 1,878.2                                              | 1,878.2                                               | 1,878.2                                               | 19-jul-07                            | 19-jul-07       | 26-jul-19                              | 11             | 10    |
| 149                                | RFO | Red de Fibra Óptica Proyecto Centro               | 3,164.8                                              | 3,164.8                                               | 3,164.8                                               | 05-ene-07                            | 04-ene-07       | 09-jul-18                              | 10             | 10    |
| 150                                | RFO | Red de Fibra Óptica Proyecto Norte                | 2,455.2                                              | 2,455.2                                               | 2,455.2                                               | 21-jun-07                            | 21-jun-07       | 18-nov-20                              | 13             | 2     |
| 151                                | SE  | 1006 Central----Sur                               | 6,750.9                                              | 6,750.9                                               | 6,750.9                                               | 13-ene-11                            | 18-ago-12       | 15-jun-22                              | 10             | 10    |
| 152                                | SE  | 1005 Noroeste                                     | 3,762.6                                              | 3,762.6                                               | 3,762.6                                               | 06-nov-08                            | 22-dic-10       | 13-sep-24                              | 15             | 8     |
| 156                                | RM  | Infiernillo                                       | 350.8                                                | 350.8                                                 | 350.8                                                 | 27-feb-09                            | 11-oct-10       | 10-jul-20                              | 11             | 0     |
| 157                                | RM  | CT Francisco Pérez Ríos Unidades 1 y 2            | 7,732.9                                              | 7,732.9                                               | 7,732.9                                               | 03-dic-09                            | 23-feb-10       | 25-nov-19                              | 9              | 9     |
| 158                                | RM  | CT Puerto Libertad Unidad 4                       | 1,127.9                                              | 1,127.9                                               | 1,127.9                                               | 07-dic-06                            | 07-dic-06       | 30-sep-16                              | 8              | 9     |
| 159                                | RM  | CT Valle de México Unidades 5, 6 y 7              | 64.4                                                 | 64.4                                                  | 64.4                                                  | 23-ago-07                            | 23-ago-07       | 15-abr-16                              | 8              | 6     |
| 160                                | RM  | CCC Samalayuca II                                 | 346.2                                                | 346.2                                                 | 346.2                                                 | 18-abr-07                            | 18-abr-07       | 15-abr-16                              | 8              | 6     |
| 161                                | RM  | CCC El Sauz                                       | 626.3                                                | 626.3                                                 | 626.3                                                 | 16-jul-07                            | 03-oct-07       | 28-jun-18                              | 10             | 9     |
| 162                                | RM  | CCC Huinalá II                                    | 327.0                                                | 327.0                                                 | 327.0                                                 | 15-may-08                            | 20-jun-08       | 28-jun-18                              | 9              | 11    |
| 163                                | SE  | 1004 Compensación Dinámica Área Central           | 642.6                                                | 642.6                                                 | 642.6                                                 | 21-mar-07                            | 21-mar-07       | 15-abr-16                              | 9              | 0     |
| 164                                | SE  | 1003 Subestaciones Eléctricas de Occidente        | 1,931.4                                              | 1,931.4                                               | 1,931.4                                               | 16-jul-11                            | 15-jul-11       | 18-abr-22                              | 10             | 8     |
| 165                                | LT  | Red de Transmisión Asociada a la CC San Lorenzo   | 1,323.8                                              | 1,323.8                                               | 1,323.8                                               | 29-ene-08                            | 29-ene-08       | 11-ene-18                              | 9              | 11    |
| 166                                | SLT | 1002 Compensación y Transmisión Noreste - Sureste | 1,425.7                                              | 1,425.7                                               | 1,425.7                                               | 09-nov-07                            | 25-ene-10       | 25-nov-19                              | 11             | 9     |

**Valor presente neto por proyecto de inversión financiada directa <sup>P./</sup>**  
**Con base en los artículos 107 fracción I, inciso d) de la Ley Federal de Presupuesto y Responsabilidad**  
**Hacendaria y 205 de su Reglamento**  
**Comisión Federal de Electricidad**  
**Enero – junio 2019**  
 (Millones de pesos a precios de 2019) <sup>1./</sup>

|                            |     | Nombre del Proyecto <sup>2./</sup>                           | Antes de Impuestos                                   |                                                       | Después de impuestos                                  | Inicio de operaciones <sup>3./</sup> | Entrega de obra | Término de obligaciones <sup>4./</sup> | Plazo del pago |       |
|----------------------------|-----|--------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|--------------------------------------|-----------------|----------------------------------------|----------------|-------|
|                            |     |                                                              | Valor presente neto de la evaluación económica (VPN) | Valor presente neto de la evaluación financiera (VPN) | Valor presente neto de la evaluación financiera (VPN) |                                      |                 |                                        | años           | meses |
| 167                        | CC  | San Lorenzo Conversión de TG a CC                            | 29,160.3                                             | 29,160.3                                              | 29,160.3                                              | 29-dic-09                            | 12-ene-10       | 13-sep-24                              | 14             | 5     |
| 168                        | SLT | 1001 Red de Transmisión Baja - Nogales                       | 2,833.5                                              | 2,833.5                                               | 2,833.5                                               | 23-jul-07                            | 23-jul-07       | 26-may-17                              | 9              | 5     |
| 170                        | LT  | Red de Transmisión Asociada a la CH La Yesca                 | 1,052.8                                              | 1,052.8                                               | 1,052.8                                               | 12-dic-11                            | 12-dic-11       | 18-abr-22                              | 9              | 11    |
| <b>Autorizados en 2006</b> |     |                                                              | <b>957,891.9</b>                                     | <b>957,891.9</b>                                      | <b>957,891.9</b>                                      |                                      |                 |                                        |                |       |
| 171                        | CC  | Agua Prieta II (con campo solar)                             | 776,847.8                                            | 776,847.8                                             | 776,847.8                                             | 23-sep-16                            | 30-ago-19       | 23-sep-39                              | 23             | 0     |
| 176                        | LT  | Red de transmisión asociada a la CC Agua Prieta II           | 994.2                                                | 994.2                                                 | 994.2                                                 | 20-oct-12                            | 10-may-13       | 15-jun-22                              | 9              | 6     |
| 177                        | LT  | Red de Transmisión Asociada a la CE La Venta III             | 146.8                                                | 146.8                                                 | 146.8                                                 | 29-abr-10                            | 28-abr-10       | 25-nov-19                              | 9              | 5     |
| 181                        | RM  | CN Laguna Verde                                              | 22,026.4                                             | 22,026.4                                              | 22,026.4                                              | 14-feb-10                            | 30-jul-11       | 10-ago-29                              | 17             | 11    |
| 182                        | RM  | CT Puerto Libertad Unidades 2 y 3                            | 3,021.6                                              | 3,021.6                                               | 3,021.6                                               | 22-sep-08                            | 19-sep-08       | 11-ene-18                              | 9              | 6     |
| 183                        | RM  | CT Punta Prieta Unidad 2                                     | 503.8                                                | 503.8                                                 | 503.8                                                 | 10-mar-08                            | 06-mar-08       | 28-jun-18                              | 9              | 11    |
| 185                        | SE  | 1110 Compensación Capacitiva del Norte                       | 3,860.9                                              | 3,860.9                                               | 3,860.9                                               | 11-jun-11                            | 01-ene-14       | 18-abr-22                              | 10             | 9     |
| 188                        | SE  | 1116 Transformación del Noreste                              | 35,012.2                                             | 35,012.2                                              | 35,012.2                                              | 02-may-09                            | 25-oct-19       | 18-may-39                              | 30             | 0     |
| 189                        | SE  | 1117 Transformación de Guaymas                               | 765.6                                                | 765.6                                                 | 765.6                                                 | 01-abr-11                            | 07-feb-12       | 14-feb-22                              | 10             | 7     |
| 190                        | SE  | 1120 Noroeste                                                | 10,641.9                                             | 10,641.9                                              | 10,641.9                                              | 07-dic-11                            | 16-dic-16       | 29-sep-36                              | 24             | 9     |
| 191                        | SE  | 1121 Baja California                                         | 2,084.9                                              | 2,084.9                                               | 2,084.9                                               | 15-feb-10                            | 11-jul-11       | 13-sep-24                              | 14             | 5     |
| 192                        | SE  | 1122 Golfo Norte                                             | 7,749.3                                              | 7,749.3                                               | 7,749.3                                               | 26-may-10                            | 16-jun-15       | 13-sep-24                              | 14             | 3     |
| 193                        | SE  | 1123 Norte                                                   | 1,298.3                                              | 1,298.3                                               | 1,298.3                                               | 09-ago-10                            | 09-ago-10       | 10-jul-20                              | 9              | 6     |
| 194                        | SE  | 1124 Bajío Centro                                            | 33,093.1                                             | 33,093.1                                              | 33,093.1                                              | 16-mar-11                            | 03-dic-12       | 18-abr-22                              | 10             | 9     |
| 195                        | SE  | 1125 Distribución                                            | 15,428.7                                             | 15,428.7                                              | 15,428.7                                              | 14-sep-09                            | 01-dic-12       | 18-abr-22                              | 12             | 9     |
| 197                        | SE  | 1127 Sureste                                                 | 348.2                                                | 348.2                                                 | 348.2                                                 | 19-oct-10                            | 12-dic-10       | 18-nov-20                              | 9              | 11    |
| 198                        | SE  | 1128 Centro Sur                                              | 4,353.9                                              | 4,353.9                                               | 4,353.9                                               | 21-sep-11                            | 17-sep-13       | 19-abr-23                              | 11             | 5     |
| 199                        | SE  | 1129 Compensación redes                                      | 829.7                                                | 829.7                                                 | 829.7                                                 | 12-nov-08                            | 10-jun-10       | 13-sep-24                              | 15             | 8     |
| 200                        | SLT | 1111 Transmisión y Transformación del Central - Occidental   | 5,239.7                                              | 5,239.7                                               | 5,239.7                                               | 16-mar-12                            | 17-feb-14       | 11-dic-23                              | 11             | 8     |
| 201                        | SLT | 1112 Transmisión y Transformación del Noroeste               | 10,357.8                                             | 10,357.8                                              | 10,357.8                                              | 06-oct-09                            | 12-jun-14       | 29-abr-24                              | 14             | 2     |
| 202                        | SLT | 1114 Transmisión y Transformación del Oriental               | 12,118.4                                             | 12,118.4                                              | 12,118.4                                              | 24-dic-12                            | 23-sep-15       | 20-oct-25                              | 12             | 6     |
| 203                        | SLT | 1118 Transmisión y Transformación del Norte                  | 2,268.4                                              | 2,268.4                                               | 2,268.4                                               | 08-dic-09                            | 07-dic-09       | 13-sep-24                              | 16             | 1     |
| 204                        | SLT | 1119 Transmisión y Transformación del Sureste                | 4,726.4                                              | 4,726.4                                               | 4,726.4                                               | 26-jul-10                            | 26-nov-10       | 18-nov-20                              | 9              | 11    |
| 205                        | SUV | Suministro de 970 T/h a las Centrales de Cerro Prieto        | 4,174.0                                              | 4,174.0                                               | 4,174.0                                               | 30-mar-09                            | 04-oct-10       | 10-jul-20                              | 11             | 0     |
| <b>Autorizados en 2007</b> |     |                                                              | <b>227,237.6</b>                                     | <b>227,237.6</b>                                      | <b>227,237.6</b>                                      |                                      |                 |                                        |                |       |
| 206                        | SE  | 1206 Conversión a 400 kV de la LT Mazatlán II - La Higuera   | 1,241.5                                              | 1,241.5                                               | 1,241.5                                               | 03-may-09                            | 03-may-09       | 17-abr-19                              | 9              | 6     |
| 207                        | SE  | 1213 COMPENSACIÓN DE REDES                                   | 1,889.0                                              | 1,889.0                                               | 1,889.0                                               | 04-jul-09                            | 11-may-11       | 13-sep-24                              | 14             | 11    |
| 208                        | SE  | 1205 Compensación Oriental - Peninsular                      | 1,306.3                                              | 1,306.3                                               | 1,306.3                                               | 07-dic-09                            | 07-dic-09       | 13-sep-24                              | 14             | 5     |
| 209                        | SE  | 1212 SUR - PENINSULAR                                        | 26,217.0                                             | 26,217.0                                              | 26,217.0                                              | 17-sep-11                            | 30-nov-23       | 31-dic-48                              | 37             | 4     |
| 210                        | SLT | 1204 Conversión a 400 kV del Área Peninsular                 | 4,240.6                                              | 4,240.6                                               | 4,240.6                                               | 05-nov-10                            | 04-ago-11       | 18-nov-20                              | 9              | 11    |
| 211                        | SLT | 1203 Transmisión y Transformación Oriental - Sureste         | 27,669.2                                             | 27,669.2                                              | 27,669.2                                              | 06-jun-10                            | 30-ago-14       | 31-jul-24                              | 13             | 11    |
| 212                        | SE  | 1202 Suministro de Energía a la Zona Manzanillo              | 10,637.0                                             | 10,637.0                                              | 10,637.0                                              | 20-oct-10                            | 01-oct-15       | 30-oct-40                              | 30             | 0     |
| 213                        | SE  | 1211 NORESTE - CENTRAL                                       | 32,529.1                                             | 32,529.1                                              | 32,529.1                                              | 01-sep-10                            | 30-nov-17       | 12-jul-47                              | 36             | 7     |
| 214                        | SE  | 1210 NORTE - NOROESTE                                        | 25,545.9                                             | 25,545.9                                              | 25,545.9                                              | 05-ene-11                            | 27-dic-24       | 31-dic-32                              | 21             | 5     |
| 215                        | SLT | 1201 Transmisión y Transformación de Baja California         | 3,833.2                                              | 3,833.2                                               | 3,833.2                                               | 18-jun-10                            | 01-dic-17       | 12-jul-47                              | 36             | 11    |
| 216                        | RM  | CCC Poza Rica                                                | 7,034.3                                              | 7,034.3                                               | 7,034.3                                               | 05-sep-12                            | 02-sep-16       | 27-abr-26                              | 13             | 0     |
| 217                        | RM  | CCC El Sauz Paquete 1                                        | 6,984.2                                              | 6,984.2                                               | 6,984.2                                               | 18-feb-14                            | 10-mar-14       | 15-abr-32                              | 17             | 10    |
| 218                        | LT  | Red de Trans Asoc al proy de temp abierta y Oax. II, III, IV | 639.3                                                | 639.3                                                 | 639.3                                                 | 30-oct-10                            | 19-nov-10       | 10-jul-20                              | 9              | 7     |

**Valor presente neto por proyecto de inversión financiada directa <sup>P/</sup>****Con base en los artículos 107 fracción I, inciso d) de la Ley Federal de Presupuesto y Responsabilidad****Hacendaria y 205 de su Reglamento****Comisión Federal de Electricidad****Enero – junio 2019**(Millones de pesos a precios de 2019) <sup>1/</sup>

| Nombre del Proyecto <sup>2/</sup> |     |                                                            | Antes de Impuestos                                   |                                                       | Después de Impuestos                                  | Inicio de operaciones <sup>3/</sup> | Entrega de obra | Término de obligaciones <sup>4/</sup> | Plazo del pago |       |
|-----------------------------------|-----|------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|-------------------------------------|-----------------|---------------------------------------|----------------|-------|
|                                   |     |                                                            | Valor presente neto de la evaluación económica (VPN) | Valor presente neto de la evaluación financiera (VPN) | Valor presente neto de la evaluación financiera (VPN) |                                     |                 |                                       | años           | meses |
| 219                               | SLT | Red de Transmisión Asociada a Manzanillo I U-1 y 2         | 4,871.4                                              | 4,871.4                                               | 4,871.4                                               | 07-oct-11                           | 07-oct-11       | 12-oct-21                             | 9              | 6     |
| 222                               | CC  | CC Repotenciación CT Manzanillo I U-1 y 2                  | 67,304.2                                             | 67,304.2                                              | 67,304.2                                              | 17-ene-12                           | 22-dic-16       | 15-abr-32                             | 20             | 0     |
| 223                               | LT  | Red de transmisión asociada a la CG Los Humeros II         | 148.9                                                | 148.9                                                 | 148.9                                                 | 03-nov-11                           | 05-ene-12       | 10-jul-20                             | 8              | 6     |
| 225                               | LT  | Red de transmisión asociada a la CI Guerrero Negro III     | 32.3                                                 | 32.3                                                  | 32.3                                                  | 28-ene-11                           | 28-ene-11       | 28-ene-21                             | 9              | 5     |
| 226                               | CCI | CI Guerrero Negro III                                      | 645.6                                                | 645.6                                                 | 645.6                                                 | 30-ago-16                           | 30-ago-16       | 27-abr-26                             | 9              | 6     |
| 227                               | CG  | Los Humeros II                                             | 1,632.0                                              | 1,632.0                                               | 1,632.0                                               | 18-dic-12                           | 27-mar-13       | 18-abr-22                             | 9              | 0     |
| 228                               | LT  | Red de transmisión asociada a la CCC Norte II              | 986.9                                                | 986.9                                                 | 986.9                                                 | 14-nov-12                           | 30-nov-12       | 19-abr-23                             | 10             | 0     |
| 229                               | CT  | TG Baja California II                                      | 1,849.6                                              | 1,849.6                                               | 1,849.6                                               | 29-ene-14                           | 29-ene-14       | 11-dic-23                             | 9              | 8     |
| <b>Autorizados en 2008</b>        |     |                                                            | <b>91,637.7</b>                                      | <b>91,637.7</b>                                       | <b>91,637.7</b>                                       |                                     |                 |                                       |                |       |
| 231                               | SLT | 1304 Transmisión y Transformación del Oriental             | 428.8                                                | 428.8                                                 | 428.8                                                 | 02-ago-10                           | 02-ago-10       | 28-jun-20                             | 9              | 6     |
| 233                               | SLT | 1303 Transmisión y Transformación Baja - Noroeste          | 223.0                                                | 223.0                                                 | 223.0                                                 | 23-jul-10                           | 30-jul-10       | 28-jun-20                             | 9              | 6     |
| 234                               | SLT | 1302 Transmisión y Transformación Norte y Occidente        | 6,724.2                                              | 6,724.2                                               | 6,724.2                                               | 21-jul-17                           | 31-ago-17       | 12-jul-47                             | 29             | 11    |
| 235                               | CCI | Baja California Sur IV                                     | 2,601.6                                              | 2,601.6                                               | 2,601.6                                               | 12-jul-14                           | 11-jul-14       | 29-abr-24                             | 9              | 6     |
| 236                               | CCI | Baja California Sur III                                    | 490.5                                                | 490.5                                                 | 490.5                                                 | 04-nov-12                           | 04-nov-12       | 15-jun-22                             | 9              | 6     |
| 237                               | LT  | 1313 Red de Transmisión Asociada al CC Baja California III | 939.3                                                | 939.3                                                 | 939.3                                                 | 29-feb-16                           | 29-feb-16       | 09-dic-26                             | 10             | 8     |
| 242                               | SE  | 1323 DISTRIBUCIÓN SUR                                      | 26,123.7                                             | 26,123.7                                              | 26,123.7                                              | 31-jul-12                           | 17-oct-24       | 17-dic-48                             | 36             | 4     |
| 243                               | SE  | 1322 DISTRIBUCIÓN CENTRO                                   | 8,768.3                                              | 8,768.3                                               | 8,768.3                                               | 24-jun-11                           | 30-jun-16       | 27-abr-26                             | 14             | 3     |
| 244                               | SE  | 1321 DISTRIBUCIÓN NORESTE                                  | 24,794.9                                             | 24,794.9                                              | 24,794.9                                              | 06-ago-10                           | 12-may-16       | 20-oct-25                             | 14             | 9     |
| 245                               | SE  | 1320 DISTRIBUCIÓN NOROESTE                                 | 20,543.3                                             | 20,543.3                                              | 20,543.3                                              | 19-sep-11                           | 27-dic-24       | 23-nov-33                             | 21             | 10    |
| <b>Autorizados en 2009</b>        |     |                                                            | <b>58,630.0</b>                                      | <b>58,630.0</b>                                       | <b>58,630.0</b>                                       |                                     |                 |                                       |                |       |
| 247                               | SLT | 1404 Subestaciones del Oriente                             | 2,365.3                                              | 2,365.3                                               | 2,365.3                                               | 01-may-13                           | 06-jun-14       | 29-abr-24                             | 10             | 9     |
| 248                               | SLT | 1401 SEs y LTs de las Áreas Baja California y Noroeste     | 1,866.5                                              | 1,866.5                                               | 1,866.5                                               | 06-dic-11                           | 16-oct-12       | 15-jun-22                             | 10             | 1     |
| 249                               | SLT | 1405 Subest y Líneas de Transmisión de las Áreas Sureste   | 7,891.1                                              | 7,891.1                                               | 7,891.1                                               | 02-mar-14                           | 30-nov-19       | 30-mar-45                             | 31             | 0     |
| 250                               | SLT | 1402 Cambio de Tensión de la LT Culiacán - Los Mochis      | 1,285.3                                              | 1,285.3                                               | 1,285.3                                               | 07-oct-11                           | 04-ene-12       | 12-oct-21                             | 9              | 6     |
| 251                               | SE  | 1421 DISTRIBUCIÓN SUR                                      | 13,148.8                                             | 13,148.8                                              | 13,148.8                                              | 03-jul-13                           | 01-nov-16       | 29-sep-36                             | 22             | 11    |
| 252                               | SE  | 1403 Compensación Capacitiva de las Áreas Noroeste - Norte | 217.3                                                | 217.3                                                 | 217.3                                                 | 26-may-11                           | 26-may-11       | 10-jul-20                             | 9              | 0     |
| 253                               | SE  | 1420 DISTRIBUCIÓN NORTE                                    | 26,023.1                                             | 26,023.1                                              | 26,023.1                                              | 01-feb-13                           | 03-may-18       | 11-mar-48                             | 34             | 8     |
| 257                               | CCI | Santa Rosalía II                                           | 1,354.2                                              | 1,354.2                                               | 1,354.2                                               | 04-ene-22                           | 03-ene-22       | 28-feb-31                             | 9              | 0     |
| 258                               | RM  | CT Altamira Unidades 1 y 2                                 | 4,478.3                                              | 4,478.3                                               | 4,478.3                                               | 02-ene-20                           | 31-dic-19       | 31-ene-30                             | 10             | 0     |
| <b>Autorizados en 2010</b>        |     |                                                            | <b>83,922.9</b>                                      | <b>83,922.9</b>                                       | <b>83,922.9</b>                                       |                                     |                 |                                       |                |       |
| 259                               | SE  | 1521 DISTRIBUCIÓN SUR                                      | 50,797.0                                             | 50,797.0                                              | 50,797.0                                              | 13-mar-14                           | 29-nov-24       | 29-nov-47                             | 33             | 5     |
| 260                               | SE  | 1520 DISTRIBUCIÓN NORTE                                    | 13,739.6                                             | 13,739.6                                              | 13,739.6                                              | 03-ago-13                           | 28-nov-17       | 12-jul-47                             | 33             | 9     |
| 261                               | CCC | Cogeneración Salamanca Fase I                              | 19,386.3                                             | 19,386.3                                              | 19,386.3                                              | 27-ene-15                           | 30-ago-19       | 31-jul-47                             | 32             | 5     |
| <b>Autorizados en 2011</b>        |     |                                                            | <b>404,364.1</b>                                     | <b>404,364.1</b>                                      | <b>404,364.1</b>                                      |                                     |                 |                                       |                |       |
| 262                               | SLT | 1601 Transmisión y Transformación Noroeste - Norte         | 1,243.8                                              | 1,243.8                                               | 1,243.8                                               | 17-ene-13                           | 02-may-14       | 11-dic-23                             | 10             | 8     |
| 264                               | CC  | Centro                                                     | 24,817.1                                             | 24,817.1                                              | 24,817.1                                              | 01-sep-17                           | 30-ago-19       | 30-sep-47                             | 30             | 0     |
| 266                               | SLT | 1603 Subestación Lago                                      | 8,534.9                                              | 8,534.9                                               | 8,534.9                                               | 23-sep-18                           | 31-ene-19       | 22-oct-28                             | 10             | 0     |
| 267                               | SLT | 1604 Transmisión Ayotla-Chalco                             | 1,535.4                                              | 1,535.4                                               | 1,535.4                                               | 30-sep-14                           | 27-feb-15       | 31-jul-24                             | 9              | 5     |
| 268                               | CCI | Guerrero Negro IV                                          | 372.8                                                | 372.8                                                 | 372.8                                                 | 01-jul-19                           | 30-ago-19       | 30-nov-37                             | 18             | 4     |
| 269                               | LT  | Red de Transmisión Asociada a la CI Guerrero Negro IV      | 206.6                                                | 206.6                                                 | 206.6                                                 | 12-may-15                           | 12-may-15       | 31-jul-24                             | 9              | 0     |
| 273                               | SE  | 1621 Distribución Norte-Sur                                | 93,340.6                                             | 93,340.6                                              | 93,340.6                                              | 01-ene-15                           | 31-dic-24       | 31-dic-47                             | 32             | 9     |
| 274                               | SE  | 1620 Distribución Valle de México                          | 268,898.4                                            | 268,898.4                                             | 268,898.4                                             | 27-nov-13                           | 31-dic-24       | 31-dic-38                             | 24             | 9     |
| 275                               | CG  | Los Azufres III (Fase I)                                   | 5,414.4                                              | 5,414.4                                               | 5,414.4                                               | 27-feb-15                           | 26-feb-15       | 31-jul-24                             | 9              | 0     |
| <b>Autorizados en 2012</b>        |     |                                                            | <b>178,094.1</b>                                     | <b>178,094.1</b>                                      | <b>178,094.1</b>                                      |                                     |                 |                                       |                |       |
| 278                               | RM  | CT José López Portillo                                     | 1,690.3                                              | 1,690.3                                               | 1,690.3                                               | 05-sep-17                           | 27-feb-19       | 11-mar-48                             | 30             | 2     |
| 280                               | SLT | 1721 DISTRIBUCIÓN NORTE                                    | 88,828.4                                             | 88,828.4                                              | 88,828.4                                              | 05-may-15                           | 31-dic-22       | 23-nov-48                             | 33             | 4     |



**Valor presente neto por proyecto de inversión financiada directa <sup>P./</sup>**  
**Con base en los artículos 107 fracción I, inciso d) de la Ley Federal de Presupuesto y Responsabilidad**  
**Hacendaria y 205 de su Reglamento**  
**Comisión Federal de Electricidad**  
**Enero – junio 2019**  
 (Millones de pesos a precios de 2019) <sup>1./</sup>

| Nombre del Proyecto <sup>2./</sup> |     |                                                             | Antes de Impuestos                                   |                                                       | Después de impuestos                                  | Inicio de operaciones <sup>3./</sup> | Entrega de obra | Término de obligaciones <sup>4./</sup> | Plazo del pago |       |
|------------------------------------|-----|-------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|--------------------------------------|-----------------|----------------------------------------|----------------|-------|
|                                    |     |                                                             | Valor presente neto de la evaluación económica (VPN) | Valor presente neto de la evaluación financiera (VPN) | Valor presente neto de la evaluación financiera (VPN) |                                      |                 |                                        | años           | meses |
| 281                                | LT  | Red de Transmisión Asociada al CC Noreste                   | 3,094.8                                              | 3,094.8                                               | 3,094.8                                               | 04-dic-17                            | 01-feb-19       | 28-feb-39                              | 21             | 0     |
| 282                                | SLT | 1720 Distribución Valle de México                           | 21,997.5                                             | 21,997.5                                              | 21,997.5                                              | 19-mar-18                            | 04-nov-24       | 28-nov-35                              | 17             | 3     |
| 283                                | LT  | Red de Transmisión Asociada al CC Norte III                 | 7,707.3                                              | 7,707.3                                               | 7,707.3                                               | 11-oct-18                            | 30-ene-19       | 11-nov-28                              | 10             | 0     |
| 284                                | CG  | Los Humeros III                                             | 4,312.0                                              | 4,312.0                                               | 4,312.0                                               | 30-jun-17                            | 30-dic-20       | 24-jul-40                              | 23             | 0     |
| 286                                | CCI | Baja California Sur V                                       | 4,060.6                                              | 4,060.6                                               | 4,060.6                                               | 01-sep-16                            | 31-ago-16       | 27-abr-26                              | 9              | 6     |
| 288                                | SLT | 1722 Distribución Sur                                       | 22,928.9                                             | 22,928.9                                              | 22,928.9                                              | 31-mar-14                            | 02-dic-24       | 01-oct-48                              | 34             | 2     |
| 289                                | CH  | Chicoasén II                                                | 10,402.8                                             | 10,402.8                                              | 10,402.8                                              | 26-ene-23                            | 22-may-23       | 26-feb-53                              | 30             | 0     |
| 290                                | LT  | Red de transmisión asociada a la CH Chicoasén II            | 1,333.2                                              | 1,333.2                                               | 1,333.2                                               | 05-sep-22                            | 29-dic-22       | 03-ene-33                              | 10             | 0     |
| 292                                | SE  | 1701 Subestación Chimalpa Dos                               | 6,932.3                                              | 6,932.3                                               | 6,932.3                                               | 19-oct-16                            | 11-may-17       | 29-sep-36                              | 19             | 4     |
| 293                                | SLT | 1703 Conversión a 400 kV de la Riviera Maya                 | 2,778.9                                              | 2,778.9                                               | 2,778.9                                               | 14-feb-15                            | 04-jun-15       | 31-jul-24                              | 9              | 0     |
| 294                                | SLT | 1702 Transmisión y Transformación Baja - Noine              | 1,555.9                                              | 1,555.9                                               | 1,555.9                                               | 28-nov-13                            | 24-jun-15       | 31-jul-24                              | 10             | 3     |
| 295                                | SLT | 1704 Interconexión sist aislados Guerrero Negro Sta Rosalía | 471.1                                                | 471.1                                                 | 471.1                                                 | 01-sep-14                            | 24-ene-15       | 31-jul-24                              | 9              | 9     |
| <b>Autorizados en 2013</b>         |     |                                                             | <b>237,209.8</b>                                     | <b>237,209.8</b>                                      | <b>237,209.8</b>                                      |                                      |                 |                                        |                |       |
| 296                                | CC  | Empalme I                                                   | 18,664.3                                             | 18,664.3                                              | 18,664.3                                              | 01-sep-18                            | 30-ene-19       | 28-sep-28                              | 10             | 0     |
| 297                                | LT  | Red de Transmisión Asociada al CC Empalme I                 | 5,470.2                                              | 5,470.2                                               | 5,470.2                                               | 30-jul-17                            | 30-nov-18       | 25-ago-47                              | 30             | 0     |
| 298                                | CC  | Valle de México II                                          | 38,306.7                                             | 38,306.7                                              | 38,306.7                                              | 01-feb-19                            | 30-ago-19       | 20-feb-28                              | 9              | 0     |
| 300                                | LT  | Red de Transmisión Asociada al CC Topolobampo III           | 7,366.2                                              | 7,366.2                                               | 7,366.2                                               | 14-mar-19                            | 13-mar-19       | 14-abr-29                              | 10             | 0     |
| 304                                | LT  | 1805 Línea de Transmisión Huasteca - Monterrey              | 19,917.3                                             | 19,917.3                                              | 19,917.3                                              | 26-oct-19                            | 25-oct-19       | 25-nov-30                              | 11             | 0     |
| 305                                | SE  | 1801 Subestaciones Baja - Noroeste                          | 520.5                                                | 520.5                                                 | 520.5                                                 | 04-dic-14                            | 09-jul-15       | 31-jul-24                              | 9              | 5     |
| 306                                | SE  | 1803 Subestaciones del Occidental                           | 28,093.7                                             | 28,093.7                                              | 28,093.7                                              | 15-may-15                            | 28-nov-16       | 29-sep-36                              | 21             | 2     |
| 307                                | SLT | 1802 Subestaciones y Líneas de Transmisión del Norte        | 7,019.4                                              | 7,019.4                                               | 7,019.4                                               | 20-feb-16                            | 12-sep-17       | 12-jul-47                              | 31             | 3     |
| 308                                | SLT | 1804 Subestaciones y Líneas Transmisión Oriental-Peninsular | 8,548.1                                              | 8,548.1                                               | 8,548.1                                               | 21-oct-15                            | 03-mar-17       | 09-dic-26                              | 10             | 10    |
| 309                                | SLT | 1820 Divisiones de Distribución del Valle de México         | 25,365.6                                             | 25,365.6                                              | 25,365.6                                              | 28-dic-17                            | 24-oct-24       | 17-dic-48                              | 31             | 10    |
| 310                                | SLT | 1821 Divisiones de Distribución                             | 68,402.5                                             | 68,402.5                                              | 68,402.5                                              | 19-dic-16                            | 01-dic-25       | 02-dic-47                              | 30             | 10    |
| 311                                | RM  | CCC TULA PAQUETES 1 Y 2                                     | 7,810.0                                              | 7,810.0                                               | 7,810.0                                               | 03-sep-18                            | 31-ene-19       | 28-sep-38                              | 20             | 0     |
| 312                                | RM  | CH TEMASCAL UNIDADES 1 A 4                                  | 1,725.2                                              | 1,725.2                                               | 1,725.2                                               | 15-jun-17                            | 05-feb-19       | 26-dic-28                              | 11             | 2     |
| <b>Autorizados en 2014</b>         |     |                                                             | <b>139,673.4</b>                                     | <b>139,673.4</b>                                      | <b>139,673.4</b>                                      |                                      |                 |                                        |                |       |
| 313                                | CC  | Empalme II                                                  | 17,821.5                                             | 17,821.5                                              | 17,821.5                                              | 25-nov-18                            | 30-ene-19       | 20-dic-29                              | 11             | 0     |
| 314                                | LT  | Red de Transmisión Asociada al CC Empalme II                | 6,744.9                                              | 6,744.9                                               | 6,744.9                                               | 30-ago-17                            | 15-feb-18       | 05-sep-47                              | 30             | 0     |
| 316                                | SE  | 1901 Subestaciones de Baja California                       | 781.0                                                | 781.0                                                 | 781.0                                                 | 01-oct-16                            | 28-jun-17       | 29-sep-36                              | 19             | 11    |
| 317                                | SLT | 1902 Subestaciones y Compensación del Noroeste              | 5,416.2                                              | 5,416.2                                               | 5,416.2                                               | 06-sep-16                            | 26-may-17       | 29-sep-36                              | 19             | 11    |
| 318                                | SE  | 1903 Subestaciones Norte-Noreste                            | 2,945.0                                              | 2,945.0                                               | 2,945.0                                               | 25-abr-16                            | 24-jun-16       | 27-abr-26                              | 9              | 6     |
| 319                                | SLT | 1904 Transmisión y Transformación de Occidente              | 6,581.4                                              | 6,581.4                                               | 6,581.4                                               | 28-abr-17                            | 15-may-17       | 09-dic-26                              | 9              | 6     |
| 320                                | LT  | 1905 Transmisión Sureste-Peninsular                         | 25,373.5                                             | 25,373.5                                              | 25,373.5                                              | 03-oct-16                            | 06-ene-17       | 29-sep-36                              | 19             | 11    |
| 321                                | SLT | 1920 Subestaciones y Líneas de Distribución                 | 26,798.8                                             | 26,798.8                                              | 26,798.8                                              | 30-dic-16                            | 02-dic-24       | 27-nov-48                              | 31             | 10    |
| 322                                | SLT | 1921 Reducción de Pérdidas de Energía de Distribución       | 47,211.0                                             | 47,211.0                                              | 47,211.0                                              | 05-dic-16                            | 12-feb-24       | 27-nov-48                              | 31             | 11    |
| <b>Autorizados en 2015</b>         |     |                                                             | <b>205,994.8</b>                                     | <b>205,994.8</b>                                      | <b>205,994.8</b>                                      |                                      |                 |                                        |                |       |
| 323                                | CC  | San Luis Potosí                                             | 24,528.9                                             | 24,528.9                                              | 24,528.9                                              | 29-abr-22                            | 28-abr-22       | 28-may-32                              | 10             | 0     |
| 324                                | LT  | Red de Transmisión Asociada al CC San Luis Potosí           | 8,248.4                                              | 8,248.4                                               | 8,248.4                                               | 01-abr-22                            | 02-nov-21       | 02-jul-31                              | 9              | 2     |



**Valor presente neto por proyecto de inversión financiada directa <sup>p./</sup>****Con base en los artículos 107 fracción I, inciso d) de la Ley Federal de Presupuesto y Responsabilidad****Hacendaria y 205 de su Reglamento****Comisión Federal de Electricidad****Enero – junio 2019**(Millones de pesos a precios de 2019) <sup>1./</sup>

| Nombre del Proyecto <sup>2./</sup> |     |                                                             | Antes de Impuestos                                   |                                                       | Después de impuestos                                  | Inicio de operaciones <sup>3./</sup> | Entrega de obra | Término de obligaciones <sup>4./</sup> | Plazo del pago |       |
|------------------------------------|-----|-------------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|--------------------------------------|-----------------|----------------------------------------|----------------|-------|
|                                    |     |                                                             | Valor presente neto de la evaluación económica (VPN) | Valor presente neto de la evaluación financiera (VPN) | Valor presente neto de la evaluación financiera (VPN) |                                      |                 |                                        | años           | meses |
| 325                                | CC  | Lerdo (Norte IV)                                            | 32,219.7                                             | 32,219.7                                              | 32,219.7                                              | 05-dic-22                            | 01-dic-22       | 01-jun-32                              | 9              | 6     |
| 326                                | LT  | Red de Transmisión Asociada al CC Lerdo (Norte IV)          | 4,425.7                                              | 4,425.7                                               | 4,425.7                                               | 03-jul-21                            | 02-jul-21       | 04-jun-31                              | 9              | 6     |
| 327                                | CG  | Los Azufres III Fase II                                     | 1,495.4                                              | 1,495.4                                               | 1,495.4                                               | 01-ene-19                            | 30-mar-19       | 30-ene-30                              | 11             | 0     |
| 328                                | LT  | Red de transmisión asociada a la CG Los Azufres III Fase II | 385.4                                                | 385.4                                                 | 385.4                                                 | 18-abr-18                            | 18-abr-18       | 11-mar-48                              | 29             | 10    |
| 329                                | CG  | Cerritos Colorados Fase I                                   | 1,360.5                                              | 1,360.5                                               | 1,360.5                                               | 30-abr-24                            | 30-abr-25       | 30-may-34                              | 10             | 0     |
| 330                                | CH  | Las Cruces                                                  | 12,661.7                                             | 12,661.7                                              | 12,661.7                                              | 31-ago-22                            | 31-ago-22       | 30-sep-50                              | 27             | 6     |
| 331                                | LT  | Red de transmisión asociada a la CH Las Cruces              | 678.0                                                | 678.0                                                 | 678.0                                                 | 05-ene-22                            | 06-ene-22       | 03-may-32                              | 10             | 3     |
| 332                                | CE  | Sureste II y III                                            | 11,922.5                                             | 11,922.5                                              | 11,922.5                                              | 30-mar-23                            | 29-mar-24       | 29-abr-33                              | 10             | 0     |
| 334                                | LT  | Red de Transmisión Asociada a la CI Santa Rosalía II        | 417.7                                                | 417.7                                                 | 417.7                                                 | 01-feb-21                            | 02-ago-21       | 01-ago-31                              | 10             | 0     |
| 336                                | SLT | 2001 Subestaciones y Líneas Baja California Sur - Noroeste  | 17,643.9                                             | 17,643.9                                              | 17,643.9                                              | 30-nov-17                            | 01-mar-19       | 30-ene-48                              | 30             | 1     |
| 337                                | SLT | 2002 Subestaciones y Líneas de las Áreas Norte - Occidental | 17,128.6                                             | 17,128.6                                              | 17,128.6                                              | 30-oct-18                            | 30-ene-19       | 02-abr-29                              | 10             | 6     |
| 338                                | SLT | SLT 2020 Subestaciones, Líneas y Redes de Distribución      | 44,082.4                                             | 44,082.4                                              | 44,082.4                                              | 29-dic-17                            | 31-dic-25       | 31-dic-36                              | 18             | 11    |
| 339                                | SLT | SLT 2021 Reducción de Pérdidas de Energía en Distribución   | 28,796.0                                             | 28,796.0                                              | 28,796.0                                              | 26-dic-16                            | 31-dic-21       | 31-dic-48                              | 31             | 11    |
| <b>Autorizados en 2016</b>         |     |                                                             | <b>147,597.0</b>                                     | <b>147,597.0</b>                                      | <b>147,597.0</b>                                      |                                      |                 |                                        |                |       |
| 340                                | CC  | San Luis Río Colorado I                                     | 6,603.4                                              | 6,603.4                                               | 6,603.4                                               | 03-jun-22                            | 02-jun-22       | 01-sep-32                              | 9              | 11    |
| 341                                | LT  | Red de Transmisión Asociada al CC San Luis Río Colorado I   | 2,414.4                                              | 2,414.4                                               | 2,414.4                                               | 02-mar-21                            | 01-mar-21       | 01-mar-30                              | 9              | 0     |
| 342                                | CC  | Guadalajara I                                               | 32,352.8                                             | 32,352.8                                              | 32,352.8                                              | 03-jun-21                            | 01-jun-22       | 02-dic-31                              | 10             | 0     |
| 343                                | LT  | Red de Transmisión Asociada al CC Guadalajara I             | 6,058.6                                              | 6,058.6                                               | 6,058.6                                               | 02-abr-21                            | 05-oct-20       | 08-jul-30                              | 9              | 4     |
| 344                                | CC  | Mazatlán                                                    | 29,635.0                                             | 29,635.0                                              | 29,635.0                                              | 03-abr-20                            | 03-ene-22       | 01-jul-30                              | 10             | 2     |
| 345                                | LT  | Red de Transmisión Asociada al CC Mazatlán                  | 4,122.7                                              | 4,122.7                                               | 4,122.7                                               | 04-ene-22                            | 04-ene-22       | 02-jul-32                              | 10             | 2     |
| 346                                | CC  | Mérida                                                      | 13,625.1                                             | 13,625.1                                              | 13,625.1                                              | 12-jun-23                            | 09-jun-23       | 30-jun-33                              | 10             | 0     |
| 347                                | CC  | Salamanca                                                   | 21,525.0                                             | 21,525.0                                              | 21,525.0                                              | 03-abr-23                            | 02-abr-23       | 01-oct-33                              | 10             | 0     |
| 348                                | SE  | 2101 Compensación Capacitiva Baja - Occidental              | 2,263.8                                              | 2,263.8                                               | 2,263.8                                               | 22-nov-19                            | 22-nov-19       | 22-nov-29                              | 10             | 0     |
| 349                                | SLT | SLT 2120 Subestaciones y Líneas de Distribución             | 23,074.2                                             | 23,074.2                                              | 23,074.2                                              | 07-ene-19                            | 31-dic-25       | 31-dic-37                              | 18             | 9     |
| 350                                | SLT | SLT 2121 Reducción de Pérdidas de Energía en Distribución   | 5,921.9                                              | 5,921.9                                               | 5,921.9                                               | 08-ene-18                            | 31-dic-24       | 31-dic-37                              | 19             | 9     |

p./ Cifras preliminares. Las sumas de los parciales pueden no coincidir con los totales debido al redondeo.

1./ El tipo de cambio utilizado para la presentación de la información en pesos es de 19.1442, el cual corresponde al cierre del segundo trimestre del 2019.

2./ El año de autorización corresponde al ejercicio fiscal en que el proyecto se incluyó por primera vez en el Presupuesto de Egresos de la Federación en la modalidad de Pídregas.

3./ La fecha de inicio de operación es la consignada en el Tomo VII del Presupuesto de Egresos de la Federación autorizado para el ejercicio fiscal 2019, corresponde al primer cierre parcial del proyecto.

4./ Es la fecha del último pago de amortizaciones de un proyecto.

Fuente: Comisión Federal de Electricidad.

**Valor presente neto por proyecto de inversión financiada condicionada <sup>p./</sup>**  
**Con base en los artículos 107 fracción I, inciso d) de la Ley Federal de Presupuesto y Responsabilidad**  
**Hacendaria y 205 de su Reglamento**  
**Comisión Federal de Electricidad**  
**Enero – junio 2019**  
 (Cifras en millones de pesos a precios de 2019) <sup>1./</sup>

| Nombre del Proyecto <sup>2./</sup> |     |                                                         | Antes de Impuestos                                   |                                                       | Después de impuestos                                  | Inicio de operaciones <sup>3./</sup> | Entrega de obra | Término de obligaciones <sup>4./</sup> | Plazo del pago |       |
|------------------------------------|-----|---------------------------------------------------------|------------------------------------------------------|-------------------------------------------------------|-------------------------------------------------------|--------------------------------------|-----------------|----------------------------------------|----------------|-------|
|                                    |     |                                                         | Valor presente neto de la evaluación económica (VPN) | Valor presente neto de la evaluación financiera (VPN) | Valor presente neto de la evaluación financiera (VPN) |                                      |                 |                                        | años           | meses |
| <b>Total</b>                       |     |                                                         | <b>810,966.6</b>                                     | <b>810,966.6</b>                                      | <b>810,966.6</b>                                      |                                      |                 |                                        |                |       |
| <b>Autorizados en 1997</b>         |     |                                                         | <b>5,871.6</b>                                       | <b>5,871.6</b>                                        | <b>5,871.6</b>                                        |                                      |                 |                                        |                |       |
| 1                                  | TRN | Terminal de Carbón de la CT Pdte. Plutarco Elías Calles | 5,871.6                                              | 5,871.6                                               | 5,871.6                                               | 24-abr-99                            | 24-abr-99       | 24-nov-29                              | 30             | 6     |
| <b>Autorizados en 1998</b>         |     |                                                         | <b>204,531.2</b>                                     | <b>204,531.2</b>                                      | <b>204,531.2</b>                                      |                                      |                 |                                        |                |       |
| 2                                  | CC  | Altamira II                                             | 25,032.8                                             | 25,032.8                                              | 25,032.8                                              | 14-may-02                            | 14-may-02       | 14-jun-27                              | 25             | 0     |
| 3                                  | CC  | Bajío                                                   | 26,449.3                                             | 26,449.3                                              | 26,449.3                                              | 09-mar-02                            | 09-mar-02       | 09-abr-27                              | 25             | 0     |
| 4                                  | CC  | Campeche                                                | 9,095.5                                              | 9,095.5                                               | 9,095.5                                               | 27-jun-03                            | 28-may-03       | 28-jun-28                              | 25             | 0     |
| 5                                  | CC  | Hermosillo                                              | 12,270.2                                             | 12,270.2                                              | 12,270.2                                              | 01-oct-01                            | 01-oct-01       | 02-nov-26                              | 25             | 0     |
| 6                                  | CT  | Mérida III                                              | 16,199.4                                             | 16,199.4                                              | 16,199.4                                              | 09-jun-00                            | 09-jun-00       | 01-dic-25                              | 25             | 0     |
| 7                                  | CC  | Monterrey III                                           | 26,436.8                                             | 26,436.8                                              | 26,436.8                                              | 27-mar-02                            | 27-mar-02       | 27-abr-27                              | 25             | 0     |
| 8                                  | CC  | Naco-Nogales                                            | 15,008.0                                             | 15,008.0                                              | 15,008.0                                              | 04-oct-03                            | 04-oct-03       | 06-nov-28                              | 25             | 0     |
| 9                                  | CC  | Río Bravo II                                            | 20,917.5                                             | 20,917.5                                              | 20,917.5                                              | 18-ene-02                            | 18-ene-02       | 18-ene-27                              | 24             | 11    |
| 10                                 | CC  | Mexicali                                                | 11,601.7                                             | 11,601.7                                              | 11,601.7                                              | 20-jul-03                            | 20-jul-03       | 20-jul-28                              | 24             | 11    |
| 11                                 | CC  | Saltillo                                                | 11,119.6                                             | 11,119.6                                              | 11,119.6                                              | 19-nov-01                            | 19-nov-01       | 19-nov-26                              | 24             | 11    |
| 12                                 | CC  | Tuxpan II                                               | 27,075.4                                             | 27,075.4                                              | 27,075.4                                              | 15-dic-01                            | 15-dic-01       | 15-dic-26                              | 25             | 0     |
| 13                                 | TRN | Gasoducto Cd. Pemex-Valladolid                          | 3,325.0                                              | 3,325.0                                               | 3,325.0                                               | 30-sep-99                            | 30-sep-99       | 09-abr-25                              | 25             | 7     |
| <b>Autorizados en 1999</b>         |     |                                                         | <b>158,069.4</b>                                     | <b>158,069.4</b>                                      | <b>158,069.4</b>                                      |                                      |                 |                                        |                |       |
| 15                                 | CC  | Altamira III y IV                                       | 56,224.9                                             | 56,224.9                                              | 56,224.9                                              | 24-dic-03                            | 24-dic-03       | 29-dic-28                              | 24             | 11    |
| 16                                 | CC  | Chihuahua III                                           | 12,452.9                                             | 12,452.9                                              | 12,452.9                                              | 09-sep-03                            | 09-sep-03       | 09-oct-28                              | 25             | 0     |
| 17                                 | CC  | La Laguna II                                            | 23,845.8                                             | 23,845.8                                              | 23,845.8                                              | 22-abr-05                            | 22-abr-05       | 22-may-30                              | 25             | 0     |
| 18                                 | CC  | Río Bravo III                                           | 19,012.4                                             | 19,012.4                                              | 19,012.4                                              | 01-abr-04                            | 01-abr-04       | 01-may-29                              | 25             | 0     |
| 19                                 | CC  | Tuxpan III y IV                                         | 46,533.5                                             | 46,533.5                                              | 46,533.5                                              | 23-may-03                            | 23-may-03       | 23-jun-28                              | 25             | 0     |
| <b>Autorizados en 2000</b>         |     |                                                         | <b>108,230.7</b>                                     | <b>108,230.7</b>                                      | <b>108,230.7</b>                                      |                                      |                 |                                        |                |       |
| 20                                 | CC  | Altamira V                                              | 42,915.7                                             | 42,915.7                                              | 42,915.7                                              | 01-nov-06                            | 01-nov-06       | 30-nov-31                              | 25             | 0     |
| 21                                 | CC  | Tamazunchale                                            | 65,315.0                                             | 65,315.0                                              | 65,315.0                                              | 01-jun-07                            | 01-jun-07       | 01-jul-32                              | 25             | 0     |
| <b>Autorizados en 2001</b>         |     |                                                         | <b>53,849.4</b>                                      | <b>53,849.4</b>                                       | <b>53,849.4</b>                                       |                                      |                 |                                        |                |       |
| 24                                 | CC  | Río Bravo IV                                            | 22,147.6                                             | 22,147.6                                              | 22,147.6                                              | 01-abr-05                            | 01-abr-05       | 01-may-30                              | 25             | 0     |
| 25                                 | CC  | Tuxpan V                                                | 31,701.8                                             | 31,701.8                                              | 31,701.8                                              | 01-sep-06                            | 01-sep-06       | 01-oct-31                              | 25             | 0     |
| <b>Autorizados en 2002</b>         |     |                                                         | <b>28,667.5</b>                                      | <b>28,667.5</b>                                       | <b>28,667.5</b>                                       |                                      |                 |                                        |                |       |
| 26                                 | CC  | Valladolid III                                          | 28,667.5                                             | 28,667.5                                              | 28,667.5                                              | 01-jun-06                            | 01-jun-06       | 01-jul-31                              | 25             | 0     |
| <b>Autorizados en 2005</b>         |     |                                                         | <b>44,454.3</b>                                      | <b>44,454.3</b>                                       | <b>44,454.3</b>                                       |                                      |                 |                                        |                |       |
| 28                                 | CCC | Norte II                                                | 11,664.4                                             | 11,664.4                                              | 11,664.4                                              | 01-ago-13                            | 31-jul-13       | 01-jul-38                              | 24             | 11    |
| 29                                 | CCC | Norte                                                   | 32,789.9                                             | 32,789.9                                              | 32,789.9                                              | 02-ago-10                            | 30-jul-10       | 26-jul-34                              | 23             | 10    |
| <b>Autorizados en 2006</b>         |     |                                                         | <b>908.4</b>                                         | <b>908.4</b>                                          | <b>908.4</b>                                          |                                      |                 |                                        |                |       |
| 31                                 | CE  | La Venta III                                            | 908.4                                                | 908.4                                                 | 908.4                                                 | 04-oct-12                            | 03-oct-12       | 01-ene-37                              | 24             | 2     |
| <b>Autorizados en 2007</b>         |     |                                                         | <b>2244.2</b>                                        | <b>2244.2</b>                                         | <b>2244.2</b>                                         |                                      |                 |                                        |                |       |
| 33                                 | CE  | Oaxaca I                                                | 2,244.2                                              | 2,244.2                                               | 2,244.2                                               | 27-sep-12                            | 26-sep-12       | 18-oct-30                              | 18             | 0     |
| <b>Autorizados en 2008</b>         |     |                                                         | <b>10,505.1</b>                                      | <b>10,505.1</b>                                       | <b>10,505.1</b>                                       |                                      |                 |                                        |                |       |
| 34                                 | CE  | Oaxaca II y CE Oaxaca III y CE Oaxaca IV                | 4,873.1                                              | 4,873.1                                               | 4,873.1                                               | 31-ene-12                            | 30-ene-12       | 31-dic-32                              | 20             | 10    |
| 36                                 | CC  | Baja California III                                     | 5,632.1                                              | 5,632.1                                               | 5,632.1                                               | 16-ene-17                            | 14-ene-17       | 16-ene-41                              | 24             | 0     |
| <b>Autorizados en 2011</b>         |     |                                                         | <b>34,080.0</b>                                      | <b>34,080.0</b>                                       | <b>34,080.0</b>                                       |                                      |                 |                                        |                |       |
| 38                                 | CC  | Norte III (Juárez)                                      | 32,907.8                                             | 32,907.8                                              | 32,907.8                                              | 01-dic-19                            | 30-nov-19       | 30-dic-45                              | 26             | 0     |
| 40                                 | CE  | Sureste I                                               | 1,172.2                                              | 1,172.2                                               | 1,172.2                                               | 30-dic-17                            | 30-nov-17       | 30-dic-38                              | 21             | 0     |
| <b>Autorizados en 2012</b>         |     |                                                         | <b>37,805.8</b>                                      | <b>37,805.8</b>                                       | <b>37,805.8</b>                                       |                                      |                 |                                        |                |       |
| 42                                 | CC  | Noroeste                                                | 20,683.7                                             | 20,683.7                                              | 20,683.7                                              | 31-ene-19                            | 02-ene-19       | 03-ene-46                              | 27             | 0     |
| 43                                 | CC  | Noreste                                                 | 17,122.2                                             | 17,122.2                                              | 17,122.2                                              | 01-abr-19                            | 30-mar-19       | 30-abr-46                              | 27             | 0     |
| <b>Autorizados en 2013</b>         |     |                                                         | <b>115,589.0</b>                                     | <b>115,589.0</b>                                      | <b>115,589.0</b>                                      |                                      |                 |                                        |                |       |
| 45                                 | CC  | Topolobampo III                                         | 13,245.0                                             | 13,245.0                                              | 13,245.0                                              | 30-ene-20                            | 01-ene-20       | 01-jul-46                              | 26             | 6     |
| 303                                | LT  | LT en Corriente Directa Ixtepec                         | 102,344.0                                            | 102,344.0                                             | 102,344.0                                             | 29-may-22                            | 28-may-22       | 29-may-47                              | 25             | 0     |
| <b>Autorizados en 2015</b>         |     |                                                         | <b>6,159.9</b>                                       | <b>6,159.9</b>                                        | <b>6,159.9</b>                                        |                                      |                 |                                        |                |       |
| 49                                 | CE  | Sureste IV y V                                          | 6,159.9                                              | 6,159.9                                               | 6,159.9                                               | 01-abr-21                            | 30-mar-21       | 01-may-41                              | 20             | 0     |

p./ Cifras preliminares. Las sumas de los parciales pueden no coincidir con los totales debido al redondeo.

2./ El tipo de cambio utilizado para la presentación de la información en pesos es de 19.1442, el cual corresponde al cierre del segundo trimestre de 2019.

1./ El año de autorización corresponde al ejercicio fiscal en que el proyecto se incluyó por primera vez en el Presupuesto de Egresos de la Federación en la modalidad de Pídregas.

3./ La fecha de inicio de operación es la consignada en el Tomo VII del Presupuesto de Egresos de la Federación autorizado para el ejercicio fiscal 2019, corresponde al primer cierre parcial del proyecto.

4./ Es la fecha del último pago de amortizaciones de un proyecto.

Fuente: Comisión Federal de Electricidad.