

2016 and 2017 RATE APPLICATION  
SIECA FOLLOW-UP QUESTIONS

**SIECA FOLLOW UP:**

**SEICA CONSULTANT EMAIL OF AUGUST 25, 2016, AND  
SUBSEQUENT CONFERENCE CALL WITH SASKPOWER PERSONNEL.**

**Response:**

SIECA has requested SaskPower provide each customer class' winter and summer peak contributions under the single highest winter and summer peak hour, excluding all other peak contributions that SaskPower's methodology currently utilizes (tri-average demand) based on actuals.

The results are in the tables below. Please note that all referenced peaks are interval peaks (not instantaneous), based on the average of a 60-minute period:

2016 and 2017 RATE APPLICATION  
SIECA FOLLOW-UP QUESTIONS

2014

| Class of Service         | Energy        | Class NCP<br>Demand | WINTER           | SUMMER           |
|--------------------------|---------------|---------------------|------------------|------------------|
|                          |               |                     | C.P.<br>Demand   | C.P.<br>Demand   |
|                          |               |                     | KW               | KW               |
|                          | Gwh           | KW                  |                  |                  |
| Urban Residential        | 2,520         | 2,316,225           | 582,355          | 475,223          |
| Rural Residential        | 761           | 699,759             | 175,936          | 143,570          |
| <b>Total Residential</b> | <b>3,281</b>  | <b>3,015,984</b>    | <b>758,291</b>   | <b>618,793</b>   |
| <b>Farms</b>             | <b>1,364</b>  | <b>826,395</b>      | <b>288,376</b>   | <b>173,228</b>   |
| Urban Commercial         | 2,725         | 881,684             | 363,824          | 394,004          |
| Rural Commercial         | 1,004         | 350,534             | 136,398          | 148,877          |
| <b>Total Commercial</b>  | <b>3,729</b>  | <b>1,232,218</b>    | <b>500,222</b>   | <b>542,882</b>   |
| Power - Published Rates  | 6,409         | 1,079,673           | 764,868          | 661,385          |
| Power - Contract Rates   | 1,770         | 386,381             | 260,542          | 195,023          |
| <b>Total Power</b>       | <b>8,179</b>  | <b>1,466,054</b>    | <b>1,025,410</b> | <b>856,408</b>   |
| Oilfields                | 3,503         | 742,812             | 474,841          | 375,176          |
| Streetlights             | 59            | 14,366              | 14,150           | 0                |
| Reseller                 | 1,274         | 236,754             | 189,781          | 227,996          |
| <b>Total</b>             | <b>21,389</b> | <b>7,534,584</b>    | <b>3,251,072</b> | <b>2,794,483</b> |

|                |                  |                  |
|----------------|------------------|------------------|
| Peak Date/Time | Nov 30 @ 18:00   | Aug 14 @ 18:00   |
| KW             | <b>3,488,403</b> | <b>3,092,907</b> |

2013

| Class of Service         | Energy        | Class NCP<br>Demand | WINTER           | SUMMER           |
|--------------------------|---------------|---------------------|------------------|------------------|
|                          |               |                     | C.P.<br>Demand   | C.P.<br>Demand   |
|                          |               |                     | KW               | KW               |
|                          | Gwh           | KW                  |                  |                  |
| Urban Residential        | 2,461         | 2,263,463           | 495,117          | 461,839          |
| Rural Residential        | 729           | 670,467             | 146,660          | 136,803          |
| <b>Total Residential</b> | <b>3,190</b>  | <b>2,933,930</b>    | <b>641,777</b>   | <b>598,641</b>   |
| <b>Farms</b>             | <b>1,332</b>  | <b>833,534</b>      | <b>275,218</b>   | <b>184,507</b>   |
| Urban Commercial         | 2,653         | 851,364             | 383,340          | 449,423          |
| Rural Commercial         | 952           | 333,879             | 141,770          | 168,895          |
| <b>Total Commercial</b>  | <b>3,605</b>  | <b>1,185,242</b>    | <b>525,110</b>   | <b>618,318</b>   |
| Power - Published Rates  | 6,315         | 1,082,033           | 777,025          | 746,488          |
| Power - Contract Rates   | 1,548         | 350,657             | 212,153          | 215,618          |
| <b>Total Power</b>       | <b>7,863</b>  | <b>1,432,690</b>    | <b>989,179</b>   | <b>962,106</b>   |
| Oilfields                | 3,448         | 627,221             | 449,469          | 370,139          |
| Streetlights             | 58            | 14,170              | 14,010           | 0                |
| Reseller                 | 1,257         | 244,798             | 201,813          | 241,424          |
| <b>Total</b>             | <b>20,753</b> | <b>7,271,585</b>    | <b>3,096,575</b> | <b>2,975,136</b> |

|                |                  |                  |
|----------------|------------------|------------------|
| Peak Date/Time | Dec 6 @ 18:00    | Sep 5 @ 17:00    |
| KW             | <b>3,477,045</b> | <b>3,119,514</b> |

2016 and 2017 RATE APPLICATION  
SIECA FOLLOW-UP QUESTIONS

2012

| Class of Service         | Energy        | Class NCP<br>Demand | WINTER           | SUMMER           |
|--------------------------|---------------|---------------------|------------------|------------------|
|                          |               |                     | C.P.<br>Demand   | C.P.<br>Demand   |
|                          |               |                     | KW               | KW               |
|                          | Gwh           | KW                  |                  |                  |
| Urban Residential        | 2,303         | 2,205,133           | 450,869          | 260,315          |
| Rural Residential        | 635           | 608,167             | 124,348          | 71,794           |
| <b>Total Residential</b> | <b>2,938</b>  | <b>2,813,300</b>    | <b>575,216</b>   | <b>332,109</b>   |
| <b>Farms</b>             | <b>1,149</b>  | <b>742,117</b>      | <b>223,756</b>   | <b>130,940</b>   |
| Urban Commercial         | 2,596         | 854,754             | 366,845          | 243,863          |
| Rural Commercial         | 890           | 314,895             | 128,566          | 81,600           |
| <b>Total Commercial</b>  | <b>3,486</b>  | <b>1,169,649</b>    | <b>495,411</b>   | <b>325,463</b>   |
| Power - Published Rates  | 5,938         | 1,051,398           | 677,914          | 601,280          |
| Power - Contract Rates   | 1,496         | 349,812             | 220,053          | 162,833          |
| <b>Total Power</b>       | <b>7,434</b>  | <b>1,401,210</b>    | <b>897,967</b>   | <b>764,113</b>   |
| Oilfields                | 3,177         | 554,507             | 389,051          | 346,274          |
| Streetlights             | 46            | 11,106              | 10,906           | 0                |
| Reseller                 | 1,254         | 241,889             | 196,370          | 145,160          |
| <b>Total</b>             | <b>19,483</b> | <b>6,933,779</b>    | <b>2,788,677</b> | <b>2,044,059</b> |

  

|                |                  |                  |
|----------------|------------------|------------------|
| Peak Date/Time | Dec 10 @ 18:00   | Sep 8 @ 19:00    |
| KW             | <b>3,227,000</b> | <b>3,012,000</b> |

2011

| Class of Service         | Energy        | Class NCP<br>Demand | WINTER           | SUMMER           |
|--------------------------|---------------|---------------------|------------------|------------------|
|                          |               |                     | C.P.<br>Demand   | C.P.<br>Demand   |
|                          |               |                     | KW               | KW               |
|                          | Gwh           | KW                  |                  |                  |
| Urban Residential        | 2,356         | 2,161,097           | 365,352          | 566,624          |
| Rural Residential        | 650           | 596,022             | 100,763          | 156,273          |
| <b>Total Residential</b> | <b>3,006</b>  | <b>2,757,119</b>    | <b>466,115</b>   | <b>722,897</b>   |
| <b>Farms</b>             | <b>1,298</b>  | <b>777,271</b>      | <b>260,075</b>   | <b>174,141</b>   |
| Urban Commercial         | 2,529         | 854,295             | 344,878          | 504,413          |
| Rural Commercial         | 867           | 313,387             | 120,285          | 175,602          |
| <b>Total Commercial</b>  | <b>3,396</b>  | <b>1,167,682</b>    | <b>465,163</b>   | <b>680,015</b>   |
| Power - Published Rates  | 5,890         | 998,534             | 669,431          | 652,727          |
| Power - Contract Rates   | 1,429         | 348,020             | 219,365          | 149,303          |
| <b>Total Power</b>       | <b>7,319</b>  | <b>1,346,554</b>    | <b>888,796</b>   | <b>802,029</b>   |
| Oilfields                | 2,901         | 495,271             | 368,610          | 304,397          |
| Streetlights             | 51            | 12,452              | 12,452           | 0                |
| Reseller                 | 1,261         | 242,059             | 197,603          | 239,322          |
| <b>Total</b>             | <b>19,232</b> | <b>6,798,407</b>    | <b>2,658,814</b> | <b>2,922,801</b> |

  

|                |                  |                  |
|----------------|------------------|------------------|
| Peak Date/Time | Feb 1 @ 19:00    | Jul 18 @ 17:00   |
| KW             | <b>3,133,000</b> | <b>2,988,000</b> |

2016 and 2017 RATE APPLICATION  
SIECA FOLLOW-UP QUESTIONS

2010

| Class of Service         | Energy<br>Gwh | Class NCP<br>Demand<br>KW | WINTER               | SUMMER               |
|--------------------------|---------------|---------------------------|----------------------|----------------------|
|                          |               |                           | C.P.<br>Demand<br>KW | C.P.<br>Demand<br>KW |
|                          |               |                           | Urban Residential    | 2,259                |
| Rural Residential        | 623           | 558,105                   | 144,873              | 113,072              |
| <b>Total Residential</b> | <b>2,882</b>  | <b>2,581,720</b>          | <b>670,163</b>       | <b>523,056</b>       |
| <b>Farms</b>             | <b>1,292</b>  | <b>797,583</b>            | <b>262,825</b>       | <b>144,566</b>       |
| Urban Commercial         | 2,482         | 775,085                   | 304,555              | 371,564              |
| Rural Commercial         | 851           | 283,159                   | 105,177              | 130,524              |
| <b>Total Commercial</b>  | <b>3,333</b>  | <b>1,058,244</b>          | <b>409,732</b>       | <b>502,088</b>       |
| Power - Published Rates  | 4,582         | 804,267                   | 602,605              | 532,781              |
| Power - Contract Rates   | 2,345         | 500,647                   | 239,195              | 217,805              |
| <b>Total Power</b>       | <b>6,927</b>  | <b>1,304,914</b>          | <b>841,800</b>       | <b>750,586</b>       |
| Oilfields                | 2,871         | 478,383                   | 357,799              | 312,572              |
| Streetlights             | 58            | 14,027                    | 14,027               | 0                    |
| Reseller                 | 1,254         | 225,323                   | 191,312              | 205,355              |
| <b>Total</b>             | <b>18,617</b> | <b>6,460,193</b>          | <b>2,747,657</b>     | <b>2,438,223</b>     |

  

|                |                  |                  |
|----------------|------------------|------------------|
| Peak Date/Time | Dec 12 @18:00    | Jul 30 @ 17:00   |
| KW             | <b>3,085,000</b> | <b>2,765,000</b> |