

DEF  
DOCKET 20190018  
STAFF ROG 1-24

| Net Firm Summer Peak Demand |                    |                   |                    |       |                      |      |
|-----------------------------|--------------------|-------------------|--------------------|-------|----------------------|------|
| Year                        | No New DSM<br>(MW) | 2019 TYSP<br>(MW) | Economic Potential |       | Achievable Potential |      |
|                             |                    |                   | RIM                | TRC   | RIM                  | TRC  |
|                             |                    |                   | (MW)               | (MW)  | (MW)                 | (MW) |
| 2020                        | 9,055              | 8,953             | 4,327              | 4,484 | 30.0                 | 38.0 |
| 2021                        | 9,147              | 9,026             |                    |       | 26.0                 | 33.0 |
| 2022                        | 9,230              | 9,082             |                    |       | 23.0                 | 30.0 |
| 2023                        | 9,001              | 8,836             |                    |       | 23.0                 | 30.0 |
| 2024                        | 9,089              | 8,907             |                    |       | 25.0                 | 30.0 |
| 2025                        | 8,965              | 8,766             |                    |       | 24.0                 | 30.0 |
| 2026                        | 9,055              | 8,839             |                    |       | 23.0                 | 28.0 |
| 2027                        | 9,150              | 8,920             |                    |       | 22.0                 | 26.0 |
| 2028                        | 9,270              | 9,027             |                    |       | 23.0                 | 25.0 |
| 2029                        | 9,382              | 9,129             |                    |       | 24.0                 | 24.0 |

| Net Firm Winter Peak Demand |                    |                   |                    |       |                      |      |
|-----------------------------|--------------------|-------------------|--------------------|-------|----------------------|------|
| Year                        | No New DSM<br>(MW) | 2019 TYSP<br>(MW) | Economic Potential |       | Achievable Potential |      |
|                             |                    |                   | RIM                | TRC   | RIM                  | TRC  |
|                             |                    |                   | (MW)               | (MW)  | (MW)                 | (MW) |
| 2020                        | 9,294              | 9,239             | 4,638              | 4,717 | 24.0                 | 28.0 |
| 2021                        | 8,740              | 8,611             |                    |       | 22.0                 | 24.0 |
| 2022                        | 9,121              | 8,958             |                    |       | 19.0                 | 23.0 |
| 2023                        | 8,886              | 8,696             |                    |       | 20.0                 | 23.0 |
| 2024                        | 8,983              | 8,768             |                    |       | 21.0                 | 23.0 |
| 2025                        | 8,823              | 8,583             |                    |       | 21.0                 | 23.0 |
| 2026                        | 8,896              | 8,633             |                    |       | 18.0                 | 20.0 |
| 2027                        | 8,972              | 8,688             |                    |       | 18.0                 | 19.0 |
| 2028                        | 9,042              | 8,741             |                    |       | 19.0                 | 19.0 |
| 2029                        | 9,104              | 8,788             |                    |       | 17.0                 | 18.0 |

| Net Energy for Load |                      |                     |                    |        |                      |        |
|---------------------|----------------------|---------------------|--------------------|--------|----------------------|--------|
| Year                | No New DSM<br>(GWHS) | 2019 TYSP<br>(GWHS) | Economic Potential |        | Achievable Potential |        |
|                     |                      |                     | RIM                | TRC    | RIM                  | TRC    |
|                     |                      |                     | (GWHS)             | (GWHS) | (GWHS)               | (GWHS) |
| 2020                | 43,652               | 43620               | 1,898              | 3,117  | 24.5                 | 72.0   |
| 2021                | 44,011               | 43949               |                    |        | 22.7                 | 63.8   |
| 2022                | 44,608               | 44519               |                    |        | 22.3                 | 61.1   |
| 2023                | 44,580               | 44466               |                    |        | 20.4                 | 55.1   |
| 2024                | 44,951               | 44813               |                    |        | 19.3                 | 48.0   |
| 2025                | 44,894               | 44732               |                    |        | 16.0                 | 39.6   |
| 2026                | 45,239               | 45057               |                    |        | 12.9                 | 31.0   |
| 2027                | 45,602               | 45405               |                    |        | 10.7                 | 25.0   |
| 2028                | 46,123               | 45916               |                    |        | 9.1                  | 20.4   |
| 2029                | 46,561               | 46351               |                    |        | 8.1                  | 16.0   |

Duke Energy Florida  
Docket No. 20190018-EG  
Witness: Cross  
Exhibit No. \_\_ (LC-2)

| 2020-2029 Annual Goals                     |             |            |            |                 |            |            |            |            |            |
|--------------------------------------------|-------------|------------|------------|-----------------|------------|------------|------------|------------|------------|
| TRC Annual Goals (values at the generator) |             |            |            |                 |            |            |            |            |            |
|                                            | Residential |            |            | Non-Residential |            |            | Total      |            |            |
|                                            | WMW         | SMW        | GWH'S      | WMW             | SMW        | GWH'S      | WMW        | SMW        | GWH'S      |
| 2020                                       | 12          | 16         | 33         | 16              | 22         | 39         | 28         | 38         | 72         |
| 2021                                       | 10          | 14         | 27         | 14              | 19         | 37         | 24         | 33         | 64         |
| 2022                                       | 10          | 13         | 24         | 13              | 17         | 37         | 23         | 30         | 61         |
| 2023                                       | 9           | 13         | 21         | 14              | 17         | 34         | 23         | 30         | 55         |
| 2024                                       | 9           | 12         | 19         | 14              | 18         | 29         | 23         | 30         | 48         |
| 2025                                       | 9           | 12         | 18         | 14              | 18         | 22         | 23         | 30         | 40         |
| 2026                                       | 8           | 12         | 16         | 12              | 16         | 15         | 20         | 28         | 31         |
| 2027                                       | 8           | 11         | 14         | 11              | 15         | 11         | 19         | 26         | 25         |
| 2028                                       | 7           | 10         | 12         | 12              | 15         | 8          | 19         | 25         | 20         |
| 2029                                       | 7           | 9          | 10         | 11              | 15         | 6          | 18         | 24         | 16         |
| <b>TOTAL</b>                               | <b>89</b>   | <b>122</b> | <b>194</b> | <b>131</b>      | <b>172</b> | <b>238</b> | <b>220</b> | <b>294</b> | <b>432</b> |

| TRC ANNUAL GOALS EE AND DR |           |           |            |           |           |          |           |            |            |            |           |            |            |            |          |               |            |            |
|----------------------------|-----------|-----------|------------|-----------|-----------|----------|-----------|------------|------------|------------|-----------|------------|------------|------------|----------|---------------|------------|------------|
|                            | RES EE    |           |            | RES DR    |           |          | RES TOTAL |            |            | NON-RES EE |           |            | NON-RES DR |            |          | NON-RES TOTAL |            |            |
|                            | WMW       | SMW       | GWH'S      | WMW       | SMW       | GWH'S    | WMW       | SMW        | GWH'S      | WMW        | SMW       | GWH'S      | WMW        | SMW        | GWH'S    | WKW           | SKW        | GWH'S      |
| 2020                       | 8         | 11        | 33         | 4         | 4         | 0        | 12        | 16         | 33         | 4          | 10        | 39         | 12         | 12         | 0        | 16            | 22         | 39         |
| 2021                       | 7         | 10        | 27         | 4         | 4         | 0        | 10        | 14         | 27         | 5          | 10        | 37         | 10         | 10         | 0        | 14            | 19         | 37         |
| 2022                       | 6         | 9         | 24         | 4         | 4         | 0        | 10        | 13         | 24         | 5          | 9         | 37         | 8          | 9          | 0        | 13            | 17         | 37         |
| 2023                       | 5         | 9         | 21         | 4         | 4         | 0        | 9         | 13         | 21         | 5          | 7         | 34         | 8          | 10         | 0        | 14            | 17         | 34         |
| 2024                       | 5         | 8         | 19         | 4         | 4         | 0        | 9         | 12         | 19         | 4          | 6         | 29         | 10         | 12         | 0        | 14            | 18         | 29         |
| 2025                       | 5         | 8         | 18         | 4         | 4         | 0        | 9         | 12         | 18         | 3          | 4         | 22         | 11         | 14         | 0        | 14            | 18         | 22         |
| 2026                       | 4         | 7         | 16         | 4         | 4         | 0        | 8         | 12         | 16         | 2          | 3         | 15         | 10         | 13         | 0        | 12            | 16         | 15         |
| 2027                       | 4         | 7         | 14         | 4         | 4         | 0        | 8         | 11         | 14         | 1          | 2         | 11         | 11         | 13         | 0        | 11            | 15         | 11         |
| 2028                       | 4         | 6         | 12         | 4         | 4         | 0        | 7         | 10         | 12         | 1          | 1         | 8          | 11         | 14         | 0        | 12            | 15         | 8          |
| 2029                       | 3         | 5         | 10         | 4         | 4         | 0        | 7         | 9          | 10         | 0          | 1         | 6          | 11         | 14         | 0        | 11            | 15         | 6          |
| <b>TOTAL</b>               | <b>50</b> | <b>81</b> | <b>194</b> | <b>39</b> | <b>42</b> | <b>0</b> | <b>89</b> | <b>122</b> | <b>194</b> | <b>30</b>  | <b>53</b> | <b>238</b> | <b>101</b> | <b>119</b> | <b>0</b> | <b>131</b>    | <b>172</b> | <b>238</b> |

**Note 1** Totals tie to Nexant Report Table 1-3: EE RIM Achievable Potential and Table 1-6 DR Achievable Potential

Duke Energy Florida  
Docket No. 20190018-EG  
Witness: Cross  
Exhibit No. \_\_ (LC-1)

| 2020-2029 Annual Goals                     |             |            |            |                 |            |           |            |            |            |
|--------------------------------------------|-------------|------------|------------|-----------------|------------|-----------|------------|------------|------------|
| RIM Annual Goals (values at the generator) |             |            |            |                 |            |           |            |            |            |
|                                            | Residential |            |            | Non-Residential |            |           | Total      |            |            |
|                                            | WMW         | SMW        | GWH'S      | WMW             | SMW        | GWH'S     | WMW        | SMW        | GWH'S      |
| 2020                                       | 10          | 14         | 17         | 14              | 16         | 8         | 24         | 30         | 25         |
| 2021                                       | 9           | 13         | 15         | 13              | 13         | 8         | 22         | 26         | 23         |
| 2022                                       | 8           | 12         | 14         | 11              | 11         | 8         | 19         | 23         | 22         |
| 2023                                       | 8           | 11         | 12         | 12              | 12         | 8         | 20         | 23         | 20         |
| 2024                                       | 8           | 11         | 12         | 13              | 14         | 7         | 21         | 25         | 19         |
| 2025                                       | 8           | 10         | 11         | 13              | 14         | 5         | 21         | 24         | 16         |
| 2026                                       | 7           | 10         | 10         | 11              | 13         | 3         | 18         | 23         | 13         |
| 2027                                       | 7           | 9          | 9          | 11              | 13         | 2         | 18         | 22         | 11         |
| 2028                                       | 7           | 9          | 8          | 12              | 14         | 1         | 19         | 23         | 9          |
| 2029                                       | 6           | 9          | 7          | 11              | 15         | 1         | 17         | 24         | 8          |
| <b>TOTAL</b>                               | <b>78</b>   | <b>108</b> | <b>115</b> | <b>121</b>      | <b>135</b> | <b>51</b> | <b>199</b> | <b>243</b> | <b>166</b> |

| RIM ANNUAL GOALS EE AND DR |           |           |            |           |           |          |           |            |            |            |           |           |            |            |          |               |            |           |
|----------------------------|-----------|-----------|------------|-----------|-----------|----------|-----------|------------|------------|------------|-----------|-----------|------------|------------|----------|---------------|------------|-----------|
|                            | RES EE    |           |            | RES DR    |           |          | RES TOTAL |            |            | NON-RES EE |           |           | NON-RES DR |            |          | NON-RES TOTAL |            |           |
|                            | WMW       | SMW       | GWH'S      | WMW       | SMW       | GWH'S    | WMW       | SMW        | GWH'S      | WMW        | SMW       | GWH'S     | WMW        | SMW        | GWH'S    | WMW           | SMW        | GWH'S     |
| 2020                       | 6         | 10        | 17         | 4         | 4         | 0        | 10        | 14         | 17         | 2          | 4         | 7         | 12         | 12         | 0        | 14            | 16         | 7         |
| 2021                       | 5         | 9         | 15         | 4         | 4         | 0        | 9         | 13         | 15         | 3          | 4         | 8         | 10         | 10         | 0        | 13            | 13         | 8         |
| 2022                       | 5         | 8         | 14         | 4         | 4         | 0        | 8         | 12         | 14         | 4          | 3         | 8         | 8          | 9          | 0        | 11            | 11         | 8         |
| 2023                       | 4         | 7         | 12         | 4         | 4         | 0        | 8         | 11         | 12         | 4          | 2         | 8         | 8          | 10         | 0        | 12            | 12         | 8         |
| 2024                       | 4         | 7         | 12         | 4         | 4         | 0        | 8         | 11         | 12         | 3          | 2         | 7         | 10         | 12         | 0        | 13            | 14         | 7         |
| 2025                       | 4         | 6         | 11         | 4         | 4         | 0        | 8         | 10         | 11         | 2          | 1         | 5         | 11         | 14         | 0        | 13            | 14         | 5         |
| 2026                       | 3         | 6         | 10         | 4         | 4         | 0        | 7         | 10         | 10         | 1          | 0         | 3         | 10         | 13         | 0        | 11            | 13         | 3         |
| 2027                       | 3         | 5         | 9          | 4         | 4         | 0        | 7         | 9          | 9          | 0          | 0         | 2         | 11         | 13         | 0        | 11            | 13         | 2         |
| 2028                       | 3         | 5         | 8          | 4         | 4         | 0        | 7         | 9          | 8          | 1          | 0         | 1         | 11         | 14         | 0        | 12            | 14         | 1         |
| 2029                       | 3         | 4         | 7          | 4         | 4         | 0        | 7         | 8          | 7          | 0          | 0         | 1         | 11         | 14         | 0        | 11            | 14         | 1         |
| <b>TOTAL</b>               | <b>39</b> | <b>66</b> | <b>115</b> | <b>39</b> | <b>42</b> | <b>0</b> | <b>78</b> | <b>108</b> | <b>115</b> | <b>20</b>  | <b>16</b> | <b>51</b> | <b>101</b> | <b>119</b> | <b>0</b> | <b>121</b>    | <b>135</b> | <b>51</b> |

*Note 1* 39 66 115 39 42 0 78 108 115 20 16 51 101 119

*Note 1* Totals tie to Nexant Report Table 1-3: EE RIM Achievable Potential and Table 1-6 DR Achievable Potential