

## Attachment C Load Relief Capability

- Table C-1 tabulates the Load Relief available from Voltage Reduction and load curtailment.
- Table C-2 allocates New York Control Area wide load reduction among the Transmission Owners (TOs).
- Table C-3 allocates load reduction among the TOs on a geographic basis.

**Note:** The above attachments do not require committee approval and are subject to change at the NYISO's direction.

**Table C- 1: Summer 2024 Load Relief Measures**

| REMOTE TO--> | VOLTAGE REDUCTION CAPABILITY PERIOD |    |    |    |     |     |     |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    | SUMMER 2024 |    |    |    |    |    |               |    |     |     |     |
|--------------|-------------------------------------|----|----|----|-----|-----|-----|----|----|----|----|----|----|----|----|----|----|-----|-----|----|----|----|----|----|-------------|----|----|----|----|----|---------------|----|-----|-----|-----|
|              | LI                                  |    |    | CE |     |     | OR  |    |    | CH |    |    | PA |    |    | NG |    |     | NY  |    |    | RG |    |    | NT          |    |    | LS |    |    | TOTAL (NYISO) |    |     |     |     |
| ZONE         | 3%                                  | 5% | 8% | 3% | 5%  | 8%  | 3%  | 5% | 8% | 3% | 5% | 8% | 3% | 5% | 8% | 3% | 5% | 8%  | 3%  | 5% | 8% | 3% | 5% | 8% | 3%          | 5% | 8% | 3% | 5% | 8% | 3%            | 5% | 8%  |     |     |
| A            |                                     |    |    |    |     |     |     |    |    |    |    |    |    |    |    |    |    |     | 32  | 32 |    |    |    |    |             |    |    |    |    |    |               | 0  | 32  | 32  |     |
| B            |                                     |    |    |    |     |     |     |    |    |    |    |    |    |    |    |    |    |     | 4   | 4  |    |    |    |    |             |    |    |    |    |    |               |    | 0   | 4   | 4   |
| C            |                                     |    |    |    |     |     |     |    |    |    |    |    |    |    |    |    |    |     | 36  | 36 |    | 10 | 10 |    |             |    |    |    |    |    |               |    | 0   | 46  | 46  |
| D            |                                     |    |    |    |     |     |     |    |    |    |    |    |    |    |    |    |    |     | 2   | 2  |    |    |    |    |             |    |    |    |    |    |               |    | 0   | 2   | 2   |
| E            |                                     |    |    |    |     |     |     |    |    |    |    |    |    |    |    |    |    |     | 19  | 19 |    |    |    |    |             |    |    |    |    |    |               |    | 0   | 19  | 19  |
| F            |                                     |    |    |    |     |     |     |    |    |    |    |    |    |    |    |    |    |     | 48  | 48 |    |    |    |    |             |    |    |    |    |    |               |    | 0   | 48  | 48  |
| G            |                                     |    |    |    |     |     |     |    | 8  | 8  |    |    | 17 | 17 |    |    |    |     |     |    |    |    |    |    |             |    |    |    |    |    |               |    | 0   | 25  | 25  |
| H            |                                     |    |    |    |     | 2   | 4   |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |             |    |    |    |    |    |               |    | 0   | 2   | 4   |
| I            |                                     |    |    |    |     | 24  | 39  |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |             |    |    |    |    |    |               |    | 0   | 24  | 39  |
| J            |                                     |    |    |    |     | 169 | 271 |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |             |    |    |    |    |    |               |    | 0   | 169 | 271 |
| K            | 12                                  | 35 | 35 |    |     |     |     |    |    |    |    |    |    |    |    |    |    |     |     |    |    |    |    |    |             |    |    |    |    |    |               |    | 12  | 35  | 35  |
| TOTAL (TO)   | 12                                  | 35 | 35 | 0  | 196 | 313 | 0   | 8  | 8  | 0  | 17 | 17 | 0  | 0  | 0  | 0  | 0  | 141 | 141 | 0  | 10 | 10 | 0  | 0  | 0           | 0  | 0  | 0  | 0  | 0  | 0             | 12 | 406 | 524 |     |

| MANUAL TO--> | VOLTAGE REDUCTION CAPABILITY PERIOD |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    | SUMMER 2024 |    |    |    |    |    |               |    |    |    |   |
|--------------|-------------------------------------|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-------------|----|----|----|----|----|---------------|----|----|----|---|
|              | LI                                  |    |    | CE |    |    | OR |    |    | CH |    |    | PA |    |    | NG |    |    | NY |    |    | RG |    |    | NT          |    |    | LS |    |    | TOTAL (NYISO) |    |    |    |   |
| ZONE         | 3%                                  | 5% | 8% | 3% | 5% | 8% | 3% | 5% | 8% | 3% | 5% | 8% | 3% | 5% | 8% | 3% | 5% | 8% | 3% | 5% | 8% | 3% | 5% | 8% | 3%          | 5% | 8% | 3% | 5% | 8% | 3%            | 5% | 8% |    |   |
| A            |                                     |    |    |    |    |    |    |    |    |    |    | 2  | 4  |    |    |    |    |    |    |    |    |    |    |    |             |    |    |    |    |    |               | 2  | 7  | 0  |   |
| B            |                                     |    |    |    |    |    |    |    |    |    |    | 1  | 2  |    |    |    |    |    |    |    |    |    |    |    |             |    |    |    |    |    |               |    | 1  | 2  | 0 |
| C            |                                     |    |    |    |    |    |    |    |    |    |    | 7  | 11 |    |    |    |    |    |    |    |    |    |    |    |             |    |    |    |    |    |               |    | 7  | 16 | 0 |
| D            |                                     |    |    |    |    |    |    |    |    |    |    | 6  | 9  |    |    |    |    |    |    |    |    |    |    |    |             |    |    |    |    |    |               |    | 6  | 9  | 0 |
| E            |                                     |    |    |    |    |    |    |    |    |    |    | 3  | 4  |    |    |    |    |    |    |    |    |    |    |    |             |    |    |    |    |    |               |    | 3  | 6  | 0 |
| F            |                                     |    |    |    |    |    |    |    |    |    |    | 0  | 0  |    |    |    |    |    |    |    |    |    |    |    |             |    |    |    |    |    |               |    | 0  | 2  | 0 |
| G            |                                     |    |    |    |    |    |    |    |    |    |    | 17 |    |    |    |    |    |    |    |    |    |    |    |    |             |    |    |    |    |    |               |    | 0  | 17 | 0 |
| H            |                                     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |    |    |    |    |    |               |    | 0  | 3  | 0 |
| I            |                                     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |    |    |    |    |    |               |    | 0  | 0  | 0 |
| J            |                                     |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |    |             |    |    |    |    |    |               |    | 0  | 0  | 0 |
| K            |                                     |    |    |    |    |    |    |    |    |    |    |    |    | 0  | 0  |    |    |    |    |    |    |    |    |    |             |    |    |    |    |    |               |    | 0  | 0  | 0 |
| TOTAL (TO)   | 0                                   | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 0  | 17 | 19 | 32 | 0  | 0  | 0  | 0  | 15 | 0  | 0  | 0  | 0  | 0  | 0  | 0           | 0  | 0  | 0  | 0  | 0  | 19            | 63 | 0  |    |   |

**SUMMER 2024**  
LOAD RELIEF MEASURES

**Transmission Owner:** Total NYISO

| Zone                  | Mkt. Participant<br>Non-Essential Use |             |              | TO Interruptible<br>Customers |             |               | Voluntary Large<br>Indus. & Commrcl. |             |              | Public<br>Appeal |             |              | Total<br>Curtailments |
|-----------------------|---------------------------------------|-------------|--------------|-------------------------------|-------------|---------------|--------------------------------------|-------------|--------------|------------------|-------------|--------------|-----------------------|
|                       | W                                     | C           | E            | W                             | C           | E             | W                                    | C           | E            | W                | C           | E            |                       |
| A                     | 0.12                                  |             |              |                               |             |               |                                      |             |              |                  |             |              | 0.12                  |
| B                     | 0.46                                  |             |              |                               |             |               |                                      |             |              |                  |             |              | 0.46                  |
| C                     |                                       | 0.44        |              |                               |             |               |                                      |             |              |                  |             |              | 0.44                  |
| D                     |                                       |             |              |                               |             |               |                                      |             |              |                  |             |              | 0.00                  |
| E                     |                                       | 0.25        |              |                               |             |               |                                      |             |              |                  |             |              | 0.25                  |
| F                     |                                       |             | 0.11         |                               |             |               |                                      |             |              |                  |             |              | 0.11                  |
| G                     |                                       |             | 10.05        |                               |             | 21.80         |                                      |             | 9.10         |                  |             |              | 40.95                 |
| H                     |                                       |             |              |                               |             | 2.10          |                                      |             | 0.04         |                  |             |              | 2.14                  |
| I                     |                                       |             |              |                               |             | 11.40         |                                      |             | 0.16         |                  |             |              | 11.56                 |
| J                     |                                       |             |              |                               |             | 144.40        |                                      |             | 4.31         |                  |             |              | 148.71                |
| K                     |                                       |             |              |                               |             | 56.00         |                                      |             |              |                  |             | 74.00        | 130.00                |
| <b>TOTAL<br/>TO</b>   | <b>0.58</b>                           | <b>0.69</b> | <b>10.16</b> | <b>0.00</b>                   | <b>0.00</b> | <b>235.70</b> | <b>0.00</b>                          | <b>0.00</b> | <b>13.61</b> | <b>0.00</b>      | <b>0.00</b> | <b>74.00</b> | <b>334.74</b>         |
| <b>TOTAL<br/>NYCA</b> | <b>11.43</b>                          |             |              | <b>235.70</b>                 |             |               | <b>13.61</b>                         |             |              | <b>74.00</b>     |             |              | <b>334.74</b>         |

NOTES:

|   |         |
|---|---------|
| W | West    |
| C | Central |
| E | East    |

**Table C- 2: Load Reduction by NYISO (in Megawatts)**

| <b>REDUCTION<br/>REQUIRED</b> | <b>CH</b> | <b>CE</b>  | <b>LI</b>  | <b>NYSEG</b> | <b>NG</b>  | <b>O&amp;R</b> | <b>RGE</b> | <b>TOTAL</b> |
|-------------------------------|-----------|------------|------------|--------------|------------|----------------|------------|--------------|
| <b>100</b>                    | <b>4</b>  | <b>41</b>  | <b>16</b>  | <b>12</b>    | <b>20</b>  | <b>3</b>       | <b>5</b>   | <b>100</b>   |
| <b>200</b>                    | <b>7</b>  | <b>82</b>  | <b>32</b>  | <b>23</b>    | <b>40</b>  | <b>7</b>       | <b>9</b>   | <b>200</b>   |
| <b>300</b>                    | <b>11</b> | <b>123</b> | <b>47</b>  | <b>35</b>    | <b>60</b>  | <b>10</b>      | <b>14</b>  | <b>300</b>   |
| <b>400</b>                    | <b>14</b> | <b>164</b> | <b>63</b>  | <b>47</b>    | <b>80</b>  | <b>14</b>      | <b>19</b>  | <b>400</b>   |
| <b>500</b>                    | <b>18</b> | <b>205</b> | <b>79</b>  | <b>58</b>    | <b>100</b> | <b>17</b>      | <b>23</b>  | <b>500</b>   |
| <b>600</b>                    | <b>21</b> | <b>246</b> | <b>95</b>  | <b>70</b>    | <b>120</b> | <b>21</b>      | <b>28</b>  | <b>600</b>   |
| <b>700</b>                    | <b>25</b> | <b>287</b> | <b>110</b> | <b>82</b>    | <b>140</b> | <b>24</b>      | <b>32</b>  | <b>700</b>   |
| <b>800</b>                    | <b>28</b> | <b>328</b> | <b>126</b> | <b>93</b>    | <b>160</b> | <b>27</b>      | <b>37</b>  | <b>800</b>   |
| <b>900</b>                    | <b>32</b> | <b>369</b> | <b>142</b> | <b>105</b>   | <b>180</b> | <b>31</b>      | <b>42</b>  | <b>900</b>   |
| <b>1000</b>                   | <b>35</b> | <b>410</b> | <b>158</b> | <b>117</b>   | <b>200</b> | <b>34</b>      | <b>46</b>  | <b>1000</b>  |

**Table C- 3: Allocation of Load Reduction among All Members in a Geographic Area (In Megawatts)**
**Load Reduction to Relieve West-Central Transmission**

| REDUCTION REQUIRED | CH | CE  | LI  | O&R | NG(C+E) | NYSEG(C+E) | TOTAL |
|--------------------|----|-----|-----|-----|---------|------------|-------|
| 100                | 4  | 48  | 19  | 4   | 16      | 9          | 100   |
| 200                | 8  | 97  | 37  | 8   | 32      | 18         | 200   |
| 300                | 12 | 145 | 56  | 12  | 47      | 27         | 300   |
| 400                | 17 | 193 | 74  | 16  | 63      | 36         | 400   |
| 500                | 21 | 242 | 93  | 20  | 79      | 45         | 500   |
| 600                | 25 | 290 | 112 | 24  | 95      | 55         | 600   |
| 700                | 29 | 338 | 130 | 28  | 111     | 64         | 700   |
| 800                | 33 | 386 | 149 | 32  | 126     | 73         | 800   |
| 900                | 37 | 435 | 167 | 36  | 142     | 82         | 900   |
| 1000               | 42 | 483 | 186 | 40  | 158     | 91         | 1000  |

**Load Reduction to Relieve Central-East Transmission**

| REDUCTION REQUIRED | CH | CE  | LI  | O&RU | NG(E) | NYSEG(E) | TOTAL |
|--------------------|----|-----|-----|------|-------|----------|-------|
| 100                | 5  | 57  | 22  | 5    | 9     | 3        | 100   |
| 200                | 10 | 114 | 44  | 9    | 17    | 6        | 200   |
| 300                | 15 | 171 | 66  | 14   | 26    | 9        | 300   |
| 400                | 20 | 228 | 88  | 19   | 35    | 12       | 400   |
| 500                | 24 | 284 | 110 | 24   | 43    | 15       | 500   |
| 600                | 29 | 341 | 131 | 28   | 52    | 18       | 600   |
| 700                | 34 | 398 | 153 | 33   | 60    | 21       | 700   |
| 800                | 39 | 455 | 175 | 38   | 69    | 24       | 800   |
| 900                | 44 | 512 | 197 | 43   | 78    | 27       | 900   |
| 1000               | 49 | 569 | 219 | 47   | 86    | 29       | 1000  |

| <b>Load Reduction to Relieve UPNY-CONED Transmission</b> |           |           |                 |              |
|--|-----------|-----------|-----------------|--------------|
| <b>REDUCTION<br/>REQUIRED</b>                            | <b>CE</b> | <b>LI</b> | <b>NYSEG(E)</b> | <b>TOTAL</b> |
| 100  | 62        | 36        | 2               | 100          |
| 200  | 124       | 72        | 4               | 200          |
| 300  | 186       | 108       | 6               | 300          |
| 400  | 248       | 144       | 8               | 400          |
| 500  | 310       | 180       | 10              | 500          |
| 600  | 372       | 216       | 12              | 600          |
| 700  | 434       | 252       | 14              | 700          |
| 800  | 496       | 288       | 16              | 800          |
| 900  | 558       | 324       | 18              | 900          |
| 1000   | 620       | 360       | 20              | 1000         |