Region Chicago
120
100
80
60
40
20
0
100 100 100 100
81
77
74
69
53
51
48
48
47
46
43
40
37
35
35
34
31
31
31
28
27
27
26
24
20
19
17
15
12
12
10
9
8
8
6
6
5
5
3
2
2
Rows
100_2W
100_2L
200_2L
100_3W
100_3L
100_4W
100_4L
100_5W
9k MVA
100_6W
200_1W
10k MVA
200_2W
100_5L
100_7W
100_6L
200_3W
100_8W
200_4W
14k MVA
100_7L
200_3L
100_9W
200_4L
100_8L
15k MVA
100_10W
200_5W
200_6W
100_11W
100_9L
100_10L
200_5L
200_7W
200_6L
200_8W
100_11L
100_12L
200_7L
200_9W
200_8L
200_9L
200_10W
200_11W

Region ERCOT
120
100
80
60
40
20
0
100 100 100 100
89
77
69
62
58
51
48
46
44
41
39
36
35
31
30
28
26
24
24
24
23
21
19
19
18
18
18
14
13
11
10
8
8
8
6
5
3
3
1
1
Rows
100_2W
100_2L
200_2L
100_3W
100_3L
100_4W
100_4L
100_5W
100_5L
200_1W
100_6W
200_2W
9k MVA
100_6L
10k MVA
100_7W
200_3W
100_8W
100_7L
100_9W
200_4W
100_8L
200_3L
14k MVA
100_10W
200_4L
15k MVA
100_11W
200_5W
100_9L
100_10L
200_5L
100_11L
200_6W
200_7W
100_12L
200_6L
200_8W
200_7L
200_9W
200_8L
200_9L
200_10W

Region FE East
120
100
80
60
40
20
0
100 100 100 100
85
78
68
53
51
50
42
39
39
38
36
29
28
27
25
25
25
20
18
18
17
15
15
14
13
10
10
9
8
6
5
5
3
3
2
1
1
1
Rows
100_2W
100_2L
200_2L
200_1W
200_2W
100_3W
100_3L
100_4W
200_3W
200_3L
200_4W
100_4L
9k MVA
100_5W
100_6W
10k MVA
200_4L
100_7W
200_5W
100_5L
100_8W
200_6W
100_6L
200_5L
14k MVA
200_7W
100_9W
15k MVA
100_10W
100_7L
200_8W
200_6L
100_11W
100_8L
200_7L
200_9W
200_8L
200_10W
100_9L
100_10L
100_11L

Region FE West
120
100
80
60
40
20
0
100 100 100 100
55 55
49 47
44
39
32 31
29
25
24 23 23 22
18 18 18
14 14 13 13 13 12 12 11
9 9 8 8 6 4 4 3 3 3 1 1 1 1
Rows
100_2W
100_2L
200_2L
100_3W
100_3L
100_4W
100_4L
100_5W
100_5L
100_6W
100_6L
100_7W
200_1W
100_7L
9k MVA
200_2W
100_8W
100_8L
10k MVA
100_9W
200_3W
100_9L
100_10W
14k MVA
100_11W
200_4W
200_3L
100_10L
200_4L
15k MVA
100_11L
200_5W
100_12L
200_6W
200_5L
200_7W
200_8W
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200_9W
200_10W
200_7L
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Region FRCC
120
100
80
60
40
20
0
100 100 100 100
78 77 75
66 63 57 50
41 40 39 38 38
31 30 29 28 27
23 22
19 19 19
16 14 14 14 12 11 11 11 10 8 8 7 6 6 5 3 3 2 2
Rows
100_2W
100_2L
200_2L
200_1W
100_3W
100_3L
200_2W
100_4W
100_4L
100_5W
200_3W
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100_5L
100_6W
9k MVA
10k MVA
200_4W
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14k MVA
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15k MVA
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200_8W
100_10L
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100_11L
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Region Michigan
120
100
80
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100 100 100 100
70
61
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Rows
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200_2L
100_3W
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9k MVA
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10k MVA
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14k MVA
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