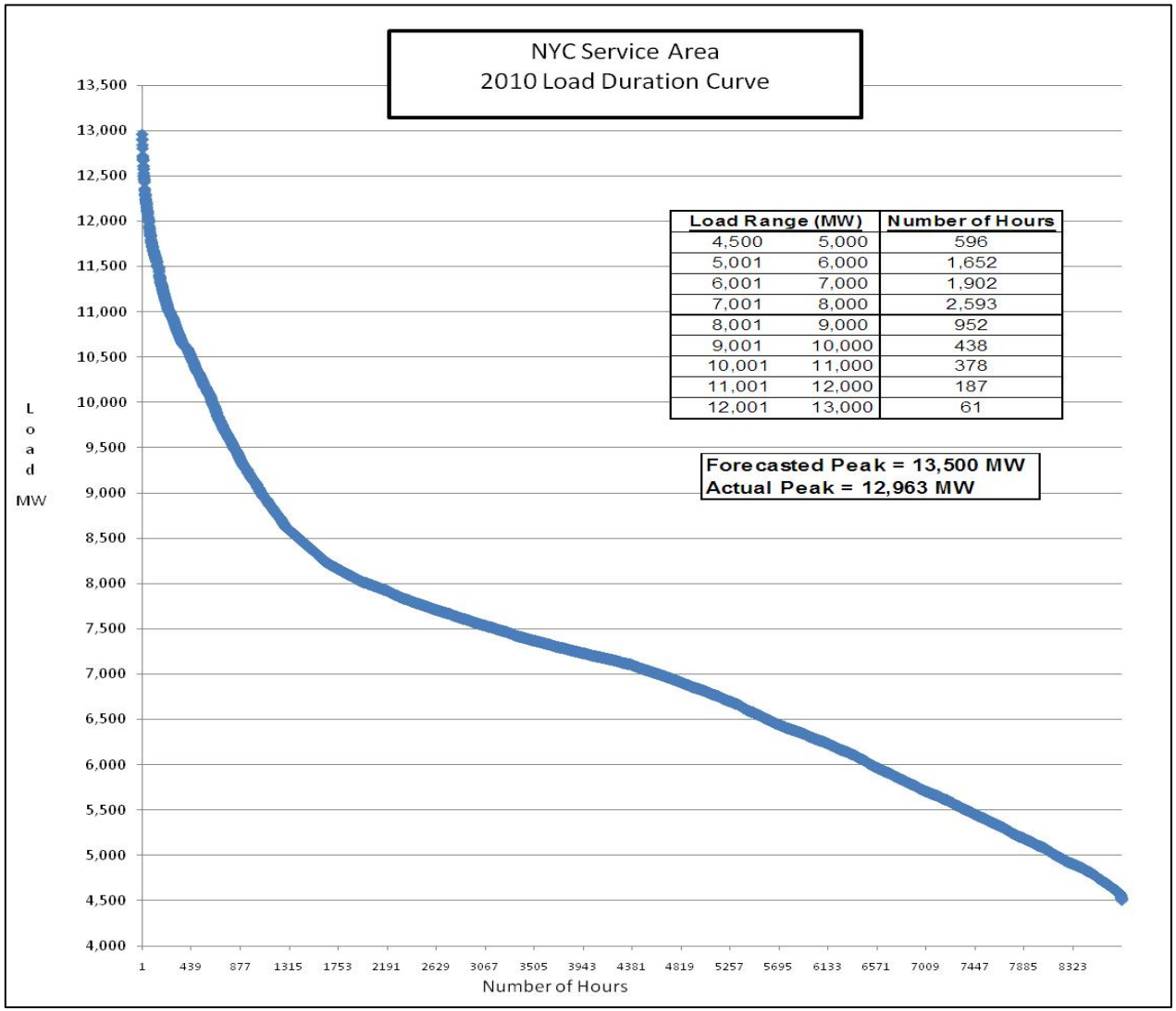
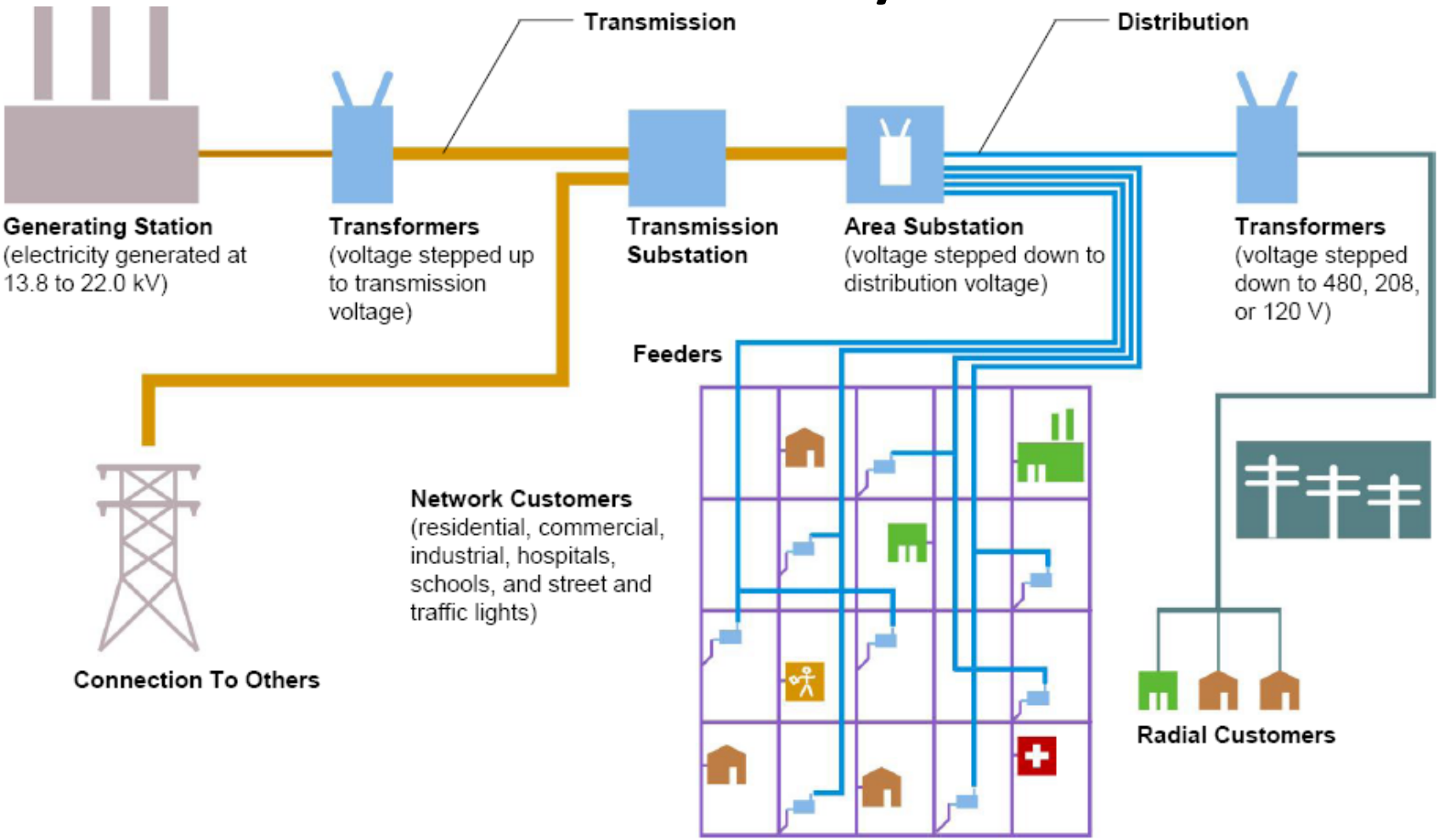
Electric System Economics

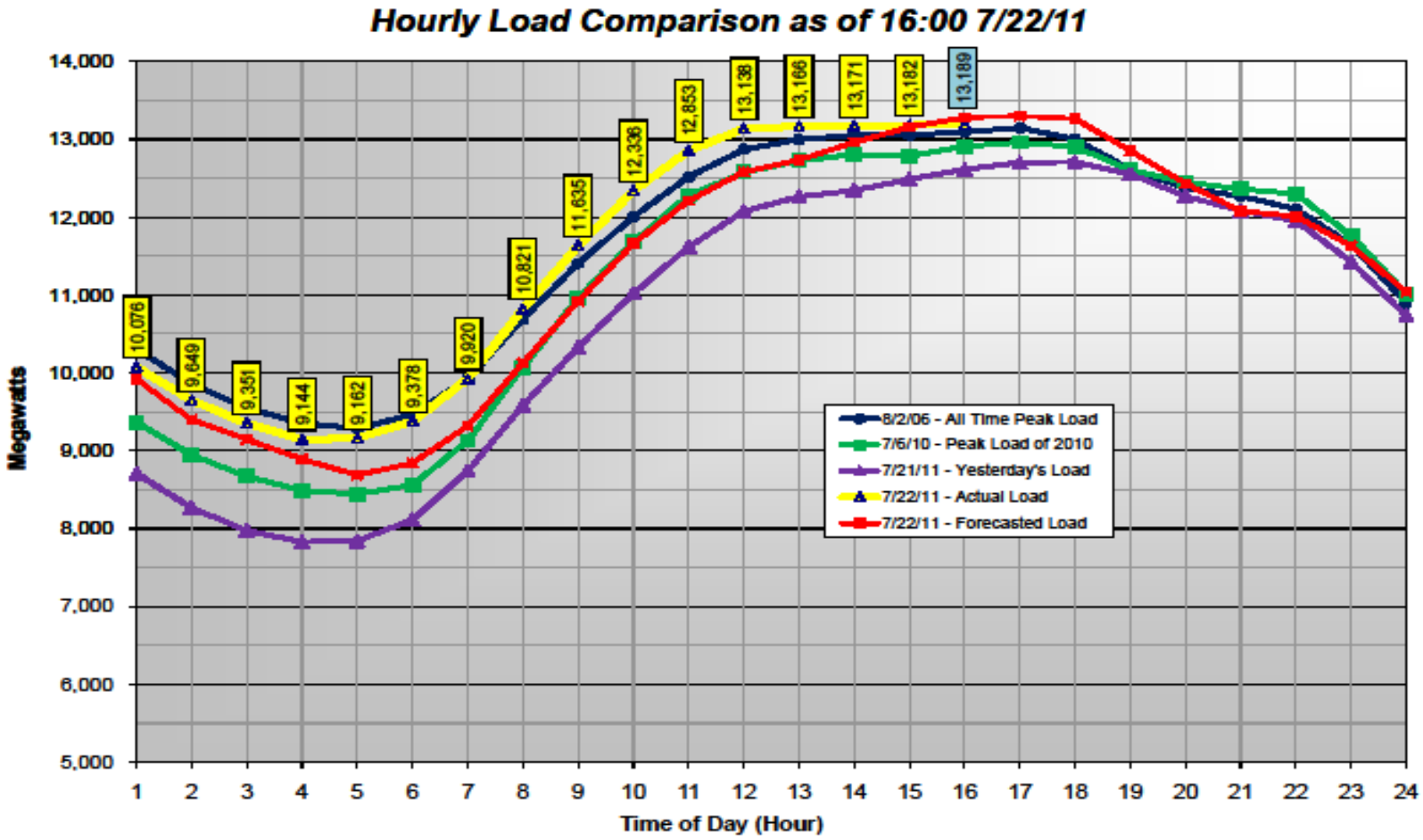
"Turning Triangles into Rectangles"

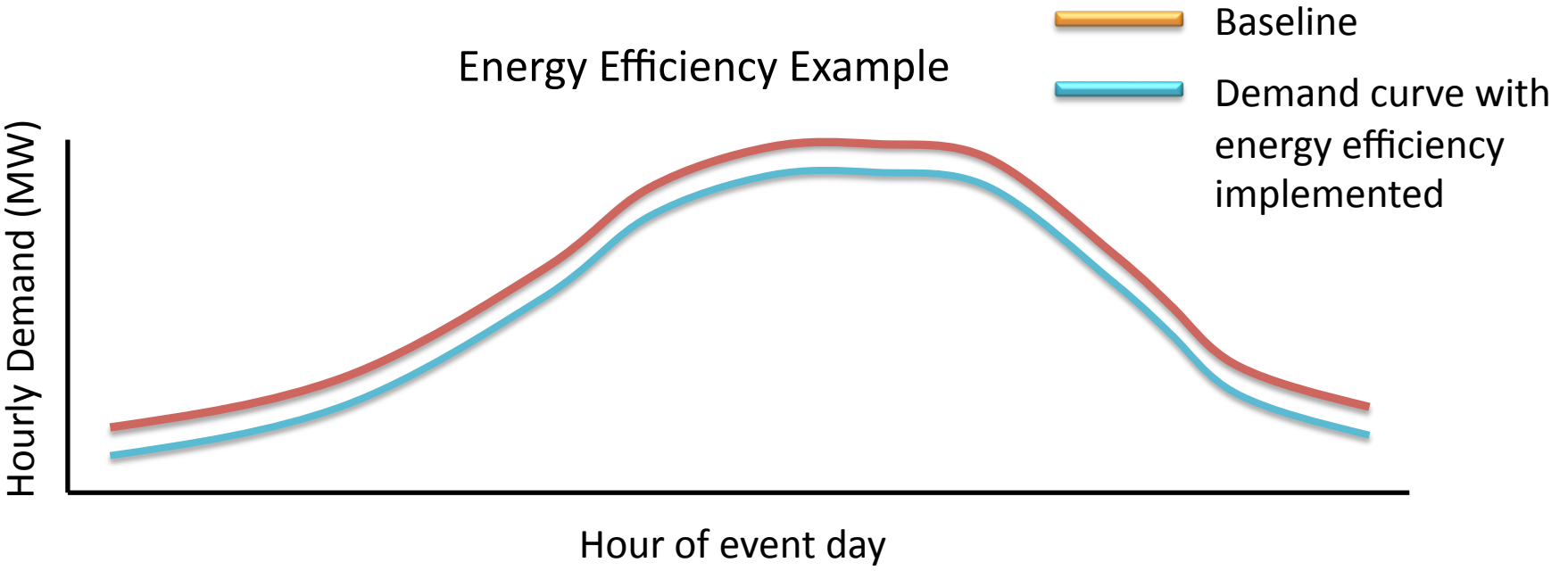
Con Edison Load Duration Curve

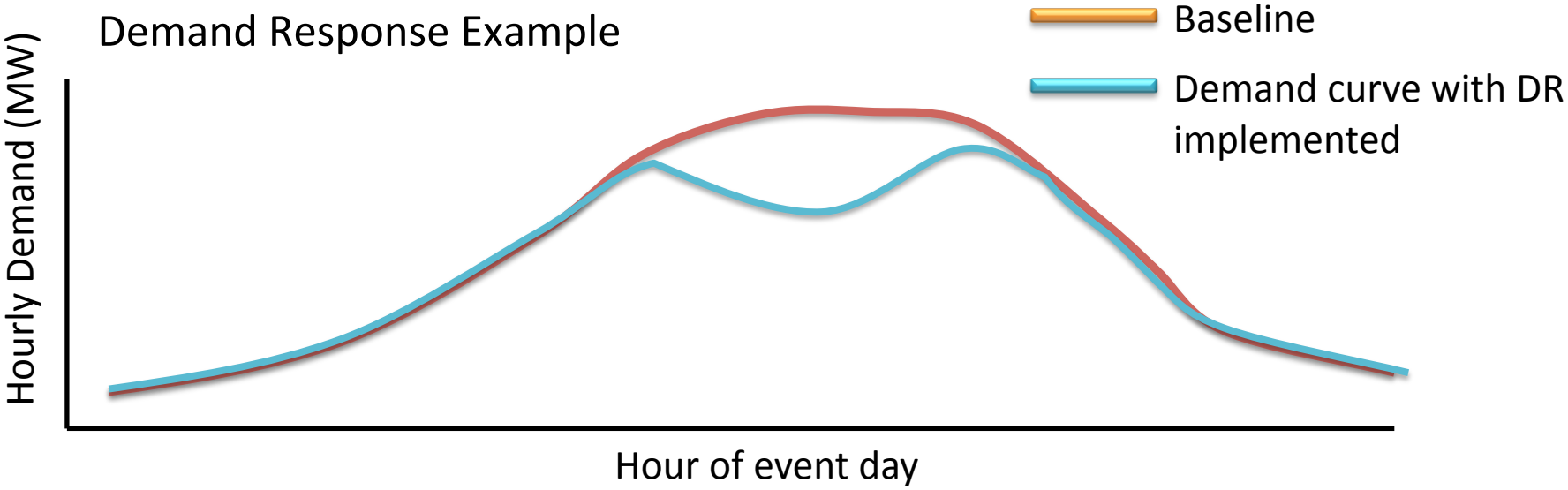


The Electric System

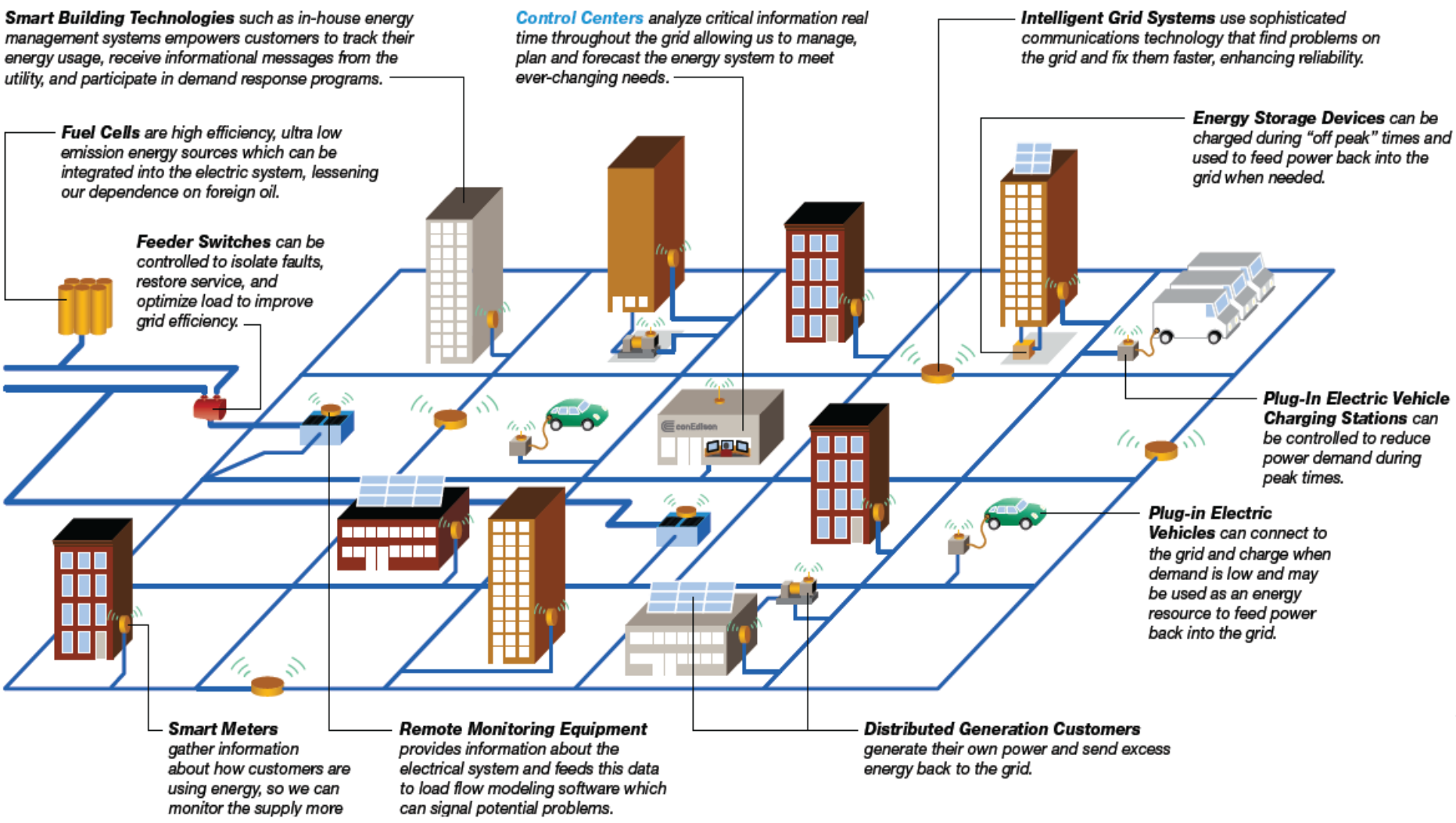



Hourly Load Comparison as of 16:00 7/22/11
Megawatts
Time of Day (Hour)
14,000
13,000
12,000
11,000
10,000
9,000
8,000
7,000
6,000
5,000
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24
10,076
9,649
9,351
9,144
9,162
9,378
9,920
10,821
11,635
12,336
12,853
13,138
13,166
13,171
13,182
13,189
8/2/06 - All Time Peak Load
7/6/10 - Peak Load of 2010
7/21/11 - Yesterday's Load
7/22/11 - Actual Load
7/22/11 - Forecasted Load


Energy Efficiency Example
Baseline
Demand curve with energy efficiency implemented
Hourly Demand (MW)
Hour of event day


Demand Response Example
Baseline
Demand curve with DR implemented
Hourly Demand (MW)
Hour of event day

Targeted Curtailment



http://www.ny1.com/content/top_stories/143427/ny1-exclusive--con-ed-command-post-plans-for-heat-wave