

From "Future 1 Modeling Assumptions" at http://eipconline.com/Modeling_Results.html

Appendix A, Exhibit 1 - 2006 Load Shapes
Based on eastern interconnection sorting.

*ExGen added note at bottom on 2006 choice

By Load Blocks - Eastern Interconnection Regions
Average Load during block relative to average of highest block

| NEEM Region | Season Hours Year | Summer | | | | | | | | | | Shoulder | | | | | Winter | | | | |
|----------------|-------------------------|----------|----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-------------|-----------|------------|------------|------------|-------------|-----------|------------|------------|------------|------------|
| | | 10 B1 | 25 B2 | 75 B3 | 100 B4 | 200 B5 | 300 B6 | 400 B7 | 500 B8 | 800 B9 | 1262 B10 | 25 B11 | 200 B12 | 600 B13 | 900 B14 | 1203 B15 | 25 B16 | 100 B17 | 400 B18 | 700 B19 | 935 B20 |
| ENT | 2011 | 1.000 | 0.996 | 0.946 | 0.946 | 0.910 | 0.862 | 0.824 | 0.774 | 0.698 | 0.601 | 0.822 | 0.681 | 0.629 | 0.594 | 0.532 | 0.747 | 0.687 | 0.647 | 0.613 | 0.561 |
| FRCC | 2011 | 1.000 | 0.943 | 0.914 | 0.900 | 0.876 | 0.831 | 0.793 | 0.743 | 0.674 | 0.515 | 0.800 | 0.680 | 0.631 | 0.583 | 0.445 | 0.704 | 0.632 | 0.582 | 0.552 | 0.450 |
| MAPP_US | 2011 | 1.000 | 1.064 | 1.058 | 1.005 | 0.960 | 0.905 | 0.852 | 0.784 | 0.721 | 0.627 | 0.792 | 0.851 | 0.837 | 0.806 | 0.715 | 0.996 | 1.011 | 0.989 | 0.944 | 0.782 |
| MISO_IN | 2011 | 1.000 | 0.986 | 0.927 | 0.875 | 0.842 | 0.785 | 0.716 | 0.652 | 0.591 | 0.514 | 0.695 | 0.657 | 0.632 | 0.594 | 0.521 | 0.806 | 0.737 | 0.683 | 0.637 | 0.560 |
| MISO_MI | 2011 | 1.000 | 0.921 | 0.829 | 0.772 | 0.730 | 0.690 | 0.647 | 0.607 | 0.565 | 0.485 | 0.605 | 0.602 | 0.585 | 0.539 | 0.450 | 0.714 | 0.654 | 0.622 | 0.574 | 0.473 |
| MISO_MO-IL | 2011 | 1.000 | 0.964 | 0.882 | 0.823 | 0.795 | 0.733 | 0.682 | 0.617 | 0.543 | 0.458 | 0.705 | 0.586 | 0.553 | 0.518 | 0.445 | 0.742 | 0.653 | 0.605 | 0.560 | 0.492 |
| MISO_W | 2011 | 1.000 | 1.058 | 1.017 | 0.958 | 0.906 | 0.837 | 0.785 | 0.702 | 0.634 | 0.533 | 0.735 | 0.706 | 0.686 | 0.638 | 0.542 | 0.868 | 0.798 | 0.771 | 0.708 | 0.545 |
| MISO_WUMS | 2011 | 1.000 | 0.985 | 0.907 | 0.838 | 0.787 | 0.740 | 0.693 | 0.646 | 0.596 | 0.495 | 0.667 | 0.657 | 0.637 | 0.588 | 0.481 | 0.773 | 0.708 | 0.673 | 0.625 | 0.513 |
| NE | 2011 | 1.000 | 1.031 | 1.013 | 0.989 | 0.951 | 0.908 | 0.865 | 0.795 | 0.717 | 0.610 | 0.772 | 0.703 | 0.679 | 0.635 | 0.542 | 0.797 | 0.742 | 0.721 | 0.685 | 0.591 |
| NEISO | 2011 | 1.000 | 0.935 | 0.860 | 0.785 | 0.748 | 0.703 | 0.653 | 0.614 | 0.565 | 0.450 | 0.630 | 0.624 | 0.599 | 0.555 | 0.435 | 0.718 | 0.683 | 0.656 | 0.606 | 0.486 |
| NYISO_A-F | 2011 | 1.000 | 0.952 | 0.902 | 0.843 | 0.808 | 0.773 | 0.734 | 0.707 | 0.670 | 0.566 | 0.727 | 0.742 | 0.715 | 0.671 | 0.559 | 0.823 | 0.801 | 0.776 | 0.730 | 0.615 |
| NYISO_G-I | 2011 | 1.000 | 0.950 | 0.852 | 0.780 | 0.748 | 0.698 | 0.649 | 0.609 | 0.557 | 0.445 | 0.604 | 0.586 | 0.556 | 0.517 | 0.411 | 0.659 | 0.625 | 0.607 | 0.563 | 0.461 |
| NYISO_J-K | 2011 | 1.000 | 0.959 | 0.874 | 0.797 | 0.763 | 0.705 | 0.641 | 0.597 | 0.540 | 0.429 | 0.595 | 0.550 | 0.532 | 0.487 | 0.383 | 0.577 | 0.551 | 0.545 | 0.516 | 0.411 |
| NonRTO_Midwest | 2011 | 1.000 | 0.981 | 0.930 | 0.888 | 0.857 | 0.808 | 0.750 | 0.696 | 0.627 | 0.529 | 0.745 | 0.708 | 0.658 | 0.613 | 0.529 | 0.933 | 0.836 | 0.757 | 0.687 | 0.605 |
| PJM_E | 2011 | 1.000 | 0.960 | 0.868 | 0.800 | 0.768 | 0.708 | 0.643 | 0.592 | 0.538 | 0.439 | 0.580 | 0.552 | 0.526 | 0.488 | 0.399 | 0.635 | 0.601 | 0.575 | 0.533 | 0.446 |
| PJM_ROM | 2011 | 1.000 | 0.971 | 0.908 | 0.853 | 0.827 | 0.783 | 0.719 | 0.669 | 0.619 | 0.513 | 0.683 | 0.672 | 0.641 | 0.597 | 0.496 | 0.833 | 0.776 | 0.719 | 0.664 | 0.565 |
| PJM_ROR | 2011 | 1.000 | 0.959 | 0.889 | 0.838 | 0.805 | 0.760 | 0.705 | 0.658 | 0.606 | 0.512 | 0.675 | 0.661 | 0.631 | 0.588 | 0.501 | 0.814 | 0.752 | 0.694 | 0.644 | 0.557 |
| SOCO | 2011 | 1.000 | 0.975 | 0.962 | 0.938 | 0.907 | 0.861 | 0.801 | 0.734 | 0.650 | 0.528 | 0.749 | 0.648 | 0.595 | 0.555 | 0.473 | 0.801 | 0.708 | 0.629 | 0.579 | 0.512 |
| SPP_N | 2011 | 1.000 | 0.980 | 0.935 | 0.907 | 0.869 | 0.811 | 0.764 | 0.699 | 0.618 | 0.510 | 0.760 | 0.609 | 0.574 | 0.537 | 0.451 | 0.712 | 0.638 | 0.610 | 0.577 | 0.498 |
| SPP_S | 2011 | 1.000 | 0.995 | 0.958 | 0.946 | 0.897 | 0.836 | 0.792 | 0.733 | 0.654 | 0.552 | 0.773 | 0.619 | 0.579 | 0.549 | 0.478 | 0.704 | 0.640 | 0.607 | 0.575 | 0.518 |
| TVA | 2011 | 1.000 | 0.982 | 0.942 | 0.926 | 0.884 | 0.824 | 0.763 | 0.705 | 0.629 | 0.533 | 0.746 | 0.681 | 0.634 | 0.598 | 0.527 | 0.921 | 0.799 | 0.702 | 0.644 | 0.580 |
| VACAR | 2011 | 1.000 | 0.970 | 0.937 | 0.894 | 0.859 | 0.811 | 0.737 | 0.677 | 0.610 | 0.496 | 0.672 | 0.641 | 0.588 | 0.551 | 0.472 | 0.843 | 0.746 | 0.647 | 0.591 | 0.525 |
| MAPP_CA | 2011 | 1.000 | 1.014 | 1.012 | 0.993 | 0.979 | 0.957 | 0.934 | 0.901 | 0.853 | 0.753 | 0.898 | 0.965 | 0.949 | 0.913 | 0.810 | 1.078 | 1.093 | 1.076 | 1.043 | 0.931 |
| IESO | 2011 | 1.000 | 0.956 | 0.894 | 0.855 | 0.825 | 0.800 | 0.770 | 0.736 | 0.699 | 0.604 | 0.765 | 0.786 | 0.761 | 0.716 | 0.603 | 0.882 | 0.858 | 0.830 | 0.781 | 0.657 |

area around the time of the 2006 summer peak load. Would that inappropriately model too much wind during a normally low wind period? MISO staff provided specific peak timing as

