

ALBANY__2 23572	43.12 1.26 0.00	39.69 1.27 0.00	38.99 1.21 0.00	38.47 1.16 0.00	39.46 1.11 0.00	44.60 1.30 0.00	54.76 0.76 0.00	68.19 0.22 -11.77	58.88 0.58 0.00	45.98 0.41 -0.45	41.27 0.50 -2.44	40.90 0.49 -2.43	38.00 0.39 -2.14	38.41 0.32 -2.20	38.45 0.37 -1.42	43.58 0.42 -1.33	47.67 0.50 -1.39	60.23 0.60 0.00	68.95 0.48 0.00	79.76 0.40 0.00	70.03 0.00 0.00	65.27 0.07 0.00	57.22 0.17 0.00	52.95 0.05 0.00
ALBANY__3 23573	43.12 1.26 0.00	39.69 1.27 0.00	38.99 1.21 0.00	38.47 1.16 0.00	39.46 1.11 0.00	44.60 1.30 0.00	54.76 0.76 0.00	68.19 0.22 -11.77	58.88 0.58 0.00	45.98 0.41 -0.45	41.27 0.50 -2.44	40.90 0.49 -2.43	38.00 0.39 -2.14	38.41 0.32 -2.20	38.45 0.37 -1.42	43.58 0.42 -1.33	47.67 0.50 -1.39	60.23 0.60 0.00	68.95 0.48 0.00	79.76 0.40 0.00	70.03 0.00 0.00	65.27 0.07 0.00	57.22 0.17 0.00	52.95 0.05 0.00
ALBANY__4 23574	43.12 1.26 0.00	39.69 1.27 0.00	38.99 1.21 0.00	38.47 1.16 0.00	39.46 1.11 0.00	44.60 1.30 0.00	54.76 0.76 0.00	68.19 0.22 -11.77	58.88 0.58 0.00	45.98 0.41 -0.45	41.27 0.50 -2.44	40.90 0.49 -2.43	38.00 0.39 -2.14	38.41 0.32 -2.20	38.45 0.37 -1.42	43.58 0.42 -1.33	47.67 0.50 -1.39	60.23 0.60 0.00	68.95 0.48 0.00	79.76 0.40 0.00	70.03 0.00 0.00	65.27 0.07 0.00	57.22 0.17 0.00	52.95 0.05 0.00
ALBANY__LFG 323615	43.37 1.50 0.00	39.88 1.46 0.00	39.21 1.44 0.00	38.70 1.38 0.00	39.66 1.30 0.00	44.91 1.60 0.00	55.25 1.24 0.00	68.67 0.73 -11.75	59.41 1.10 0.00	46.39 0.81 -0.45	41.58 0.81 -2.45	41.21 0.80 -2.44	38.28 0.67 -2.14	38.66 0.57 -2.21	38.71 0.62 -1.42	43.96 0.79 -1.33	48.03 0.87 -1.39	60.77 1.13 0.00	69.64 1.16 0.00	80.63 1.27 0.00	70.80 0.77 0.00	65.92 0.72 0.00	57.79 0.74 0.00	53.54 0.64 0.00
ALCOA_PA_115KV_PL-6C 55860	41.90 0.04 0.00	38.19 -0.23 0.00	37.59 -0.19 0.00	37.13 -0.19 0.00	42.66 0.15 -4.15	43.59 0.09 -0.20	70.77 -0.16 -16.93	115.12 -0.17 -59.10	57.78 -0.53 0.00	44.81 -0.31 0.00	37.94 -0.38 0.00	37.44 -0.53 0.00	34.97 -0.50 0.00	35.34 -0.54 0.00	36.23 -0.44 0.00	41.41 -0.42 0.00	45.09 -0.69 0.00	68.22 -1.19 -9.78	155.34 -1.10 -87.96	174.18 -1.19 -96.00	184.57 -0.14 -114.68	112.74 0.20 -47.34	80.04 0.29 -22.70	63.40 0.58 -9.92
ALCOA_RYNLDS__DRP 24188	41.90 0.04 0.00	38.19 -0.23 0.00	37.59 -0.19 0.00	37.13 -0.19 0.00	42.66 0.15 -4.15	43.59 0.09 -0.20	70.77 -0.16 -16.93	115.12 -0.17 -59.10	57.78 -0.53 0.00	44.85 -0.27 0.00	37.94 -0.38 0.00	37.44 -0.53 0.00	34.97 -0.50 0.00	35.34 -0.54 0.00	36.23 -0.44 0.00	41.41 -0.42 0.00	45.09 -0.69 0.00	68.16 -1.25 -9.78	155.34 -1.10 -87.96	174.10 -1.27 -96.00	184.64 -0.07 -114.68	114.51 0.20 -49.11	81.00 0.40 -23.55	63.82 1.01 -9.92
ALCOA__DSASP 323711	41.90 0.04 0.00	38.19 -0.23 0.00	37.59 -0.19 0.00	37.13 -0.19 0.00	42.66 0.15 -4.15	43.59 0.09 -0.20	70.77 -0.16 -16.93	115.12 -0.17 -59.10	57.78 -0.53 0.00	44.85 -0.27 0.00	37.94 -0.38 0.00	37.44 -0.53 0.00	34.97 -0.50 0.00	35.34 -0.54 0.00	36.23 -0.44 0.00	41.41 -0.42 0.00	45.09 -0.69 0.00	68.16 -1.25 -9.78	155.34 -1.10 -87.96	174.10 -1.27 -96.00	184.64 -0.07 -114.68	114.51 0.20 -49.11	81.00 0.40 -23.55	63.82 1.01 -9.92
ALLEGHENY__COGEN 23514	41.02 -0.84 0.00	37.34 -1.08 0.00	36.68 -1.10 0.00	36.20 -1.12 0.00	37.20 -1.15 0.00	42.24 -1.17 -0.11	84.85 -0.81 -31.66	88.68 -0.62 -33.10	78.81 -2.22 -22.73	42.77 -2.39 -0.03	36.06 -2.26 0.00	38.42 -2.58 -3.02	33.30 -2.27 -0.11	40.48 -2.04 -6.64	42.88 -2.20 -8.41	63.67 -2.30 -24.14	70.10 -2.15 -26.48	93.60 -1.49 -35.45	94.91 -0.62 -27.06	112.20 -0.08 -32.92	72.41 0.07 -2.31	69.12 0.00 -3.91	57.16 0.11 0.00	53.17 0.27 0.00
ALTMONT_115KV_TB 2 55880	42.78 0.92 0.00	39.34 0.92 0.00	38.68 0.91 0.00	38.18 0.86 0.00	39.16 0.81 0.00	44.26 0.95 0.00	55.08 1.08 0.00	68.16 0.79 -11.18	59.29 0.99 0.00	46.28 0.72 -0.43	41.30 0.65 -2.33	40.98 0.68 -2.32	38.11 0.60 -2.04	38.56 0.57 -2.10	38.61 0.59 -1.35	43.77 0.67 -1.27	47.94 0.82 -1.34	60.83 1.19 0.00	69.71 1.23 0.00	80.79 1.43 0.00	71.01 0.98 0.00	66.05 0.85 0.00	57.91 0.86 0.00	53.53 0.63 0.00
ALTONA_WT_PWR 323606	41.48 -0.38 0.00	37.69 -0.73 0.00	37.10 -0.68 0.00	36.65 -0.67 0.00	37.94 -0.35 0.06	42.83 -0.48 0.00	53.25 -0.76 0.00	55.40 -0.79 0.00	57.14 -1.17 0.00	44.31 -0.81 0.00	37.48 -0.84 0.00	36.99 -0.99 0.00	34.51 -0.96 0.00	34.84 -1.04 0.00	35.79 -0.88 0.00	41.00 -0.84 0.00	44.72 -1.05 0.00	57.25 -2.39 0.00	65.46 -3.01 0.00	76.11 -3.26 0.00	68.28 -1.75 0.00	63.59 -0.91 0.70	56.32 -0.40 0.34	53.49 0.74 0.15
AMERICAN_REF_FUEL 24010	36.71 -5.15 0.00	33.39 -5.03 0.00	32.87 -4.91 0.00	32.32 -5.00 0.00	33.17 -5.18 0.00	36.87 -6.41 0.03	37.88 -7.34 8.78	39.37 -7.64 9.18	44.01 -7.99 6.30	38.98 -6.14 0.01	33.19 -5.13 0.00	32.11 -5.01 0.85	30.79 -4.64 0.03	29.80 -4.23 1.85	29.78 -4.55 2.34	29.66 -5.48 6.70	32.53 -5.90 7.34	42.24 -7.57 9.83	52.21 -8.77 7.50	59.69 -10.56 9.12	59.67 -9.87 0.48	55.00 -9.39 0.82	49.41 -7.64 0.00	46.39 -6.51 0.00
ARKWRIGHT__SUMMIT_WT_PWR 323751	36.46 -5.40 0.00	33.27 -5.15 0.00	32.75 -5.02 0.00	32.13 -5.19 0.00	32.98 -5.37 0.00	37.25 -6.02 0.04	36.32 -7.07 10.61	38.18 -6.91 11.10	43.39 -7.29 7.62	39.38 -5.73 0.01	33.38 -4.94 0.00	32.02 -4.94 1.02	31.03 -4.40 0.04	29.42 -4.23 2.23	29.38 -4.48 2.82	28.59 -5.15 8.09	31.50 -5.40 8.88	41.43 -6.32 11.88	52.56 -6.85 9.07	60.87 -7.46 11.03	62.80 -6.65 0.57	57.98 -6.26 0.96	52.09 -4.96 0.00	48.67 -4.23 0.00
ARTHUR KILL_GT_1 23520	44.50 2.64 0.00	40.84 2.42 0.00	40.20 2.42 0.00	39.48 2.16 0.00	40.50 2.15 0.00	45.64 2.34 0.00	57.51 3.51 0.00	96.92 3.15 -37.58	61.80 3.50 0.00	49.79 3.02 -1.65	49.77 2.53 -8.92	49.51 2.66 -8.88	45.72 2.45 -7.81	46.47 2.55 -8.04	44.26 2.42 -5.17	49.16 2.47 -4.86	53.19 2.56 -4.85	63.21 3.58 0.01	72.44 3.97 0.01	84.04 4.68 0.01	73.31 3.29 0.01	68.66 3.46 0.00	60.59 3.54 0.00	55.92 3.02 0.00
ARTHUR_KILL_2 23512	44.58 2.72 0.00	40.76 2.34 0.00	40.08 2.30 0.00	39.41 2.09 0.00	40.38 2.03 0.00	45.60 2.29 0.00	57.35 3.35 0.00	96.80 3.03 -37.58	61.62 3.32 0.00	49.70 2.93 -1.65	49.69 2.45 -8.92	49.39 2.54 -8.88	45.65 2.38 -7.81	46.40 2.47 -8.04	44.19 2.35 -5.17	49.03 2.34 -4.86	53.09 2.47 -4.85	63.03 3.40 0.01	72.23 3.76 0.01	83.72 4.36 0.01	73.10 3.08 0.01	68.53 3.32 0.00	60.47 3.42 0.00	55.91 3.01 0.00
ARTHUR_KILL_3 23513	43.78 1.93 0.01	40.10 1.69 0.01	39.47 1.70 0.01	38.84 1.53 0.01	39.80 1.46 0.01	45.20 1.90 0.01	56.86 2.86 0.00	96.54 2.75 -37.60	61.62 3.32 0.00	49.62 2.84 -1.65	49.77 2.53 -8.92	49.44 2.58 -8.88	45.65 2.38 -7.81	46.40 2.47 -8.04	44.34 2.49 -5.17	49.50 2.80 -4.86	53.61 2.97 -4.86	63.57 3.94 0.00	72.86 4.39 0.00	84.45 5.08 0.00	73.81 3.78 0.00	68.46 3.26 0.00	59.84 2.79 0.00	55.27 2.38 0.01

ARTHUR_KILL_COGEN 323718	44.67 2.81 0.00	40.88 2.46 0.00	40.20 2.42 0.00	39.48 2.16 0.00	40.50 2.15 0.00	45.73 2.42 0.00	57.51 3.51 0.00	96.92 3.14 -37.58	61.80 3.50 0.00	49.79 3.02 -1.65	49.77 2.53 -8.92	49.51 2.66 -8.88	45.72 2.45 -7.81	46.47 2.55 -8.04	44.26 2.42 -5.17	49.16 2.47 -4.86	53.18 2.56 -4.85	63.21 3.58 0.01	72.44 3.97 0.01	83.96 4.60 0.01	73.31 3.29 0.01	68.72 3.52 0.00	60.65 3.60 0.00	56.07 3.17 0.00
ASHOKAN____ 23654	43.49 1.63 0.00	39.88 1.46 0.00	39.29 1.51 0.00	38.81 1.49 0.00	39.77 1.42 0.00	44.95 1.65 0.00	56.17 2.16 0.00	75.06 1.80 -17.07	59.81 1.51 0.00	46.29 0.72 -0.45	41.20 0.46 -2.42	40.76 0.38 -2.41	37.76 0.18 -2.12	38.32 0.25 -2.18	38.37 0.29 -1.40	43.69 0.54 -1.32	48.02 0.92 -1.33	61.66 2.03 0.00	71.35 2.88 0.00	83.02 3.65 0.00	72.76 2.73 0.00	67.62 2.41 0.00	59.39 2.34 0.00	55.02 2.12 0.00
ASTORIA_EAST_ENERGY_CC1 323581	44.16 2.30 0.00	40.42 2.00 0.00	39.78 2.00 0.00	39.07 1.75 0.00	40.04 1.69 0.00	45.30 1.99 0.00	56.76 2.75 0.00	96.29 2.53 -37.57	61.38 3.09 0.01	49.56 2.80 -1.64	49.65 2.42 -8.91	49.35 2.51 -8.87	45.60 2.34 -7.80	46.36 2.44 -8.03	44.25 2.42 -5.16	49.36 2.68 -4.85	53.42 2.79 -4.85	63.39 3.76 0.01	72.58 4.11 0.01	84.12 4.76 0.01	73.45 3.43 0.01	68.20 3.00 0.01	59.84 2.79 0.00	55.65 2.75 0.00
ASTORIA_EAST_ENERGY_CC2 323582	44.16 2.30 0.00	40.42 2.00 0.00	39.78 2.00 0.00	39.07 1.75 0.00	40.04 1.69 0.00	45.30 1.99 0.00	56.76 2.75 0.00	96.29 2.53 -37.57	61.38 3.09 0.01	49.56 2.80 -1.64	49.65 2.42 -8.91	49.35 2.51 -8.87	45.60 2.34 -7.80	46.36 2.44 -8.03	44.25 2.42 -5.16	49.36 2.68 -4.85	53.42 2.79 -4.85	63.39 3.76 0.01	72.58 4.11 0.01	84.12 4.76 0.01	73.45 3.43 0.01	68.20 3.00 0.01	59.84 2.79 0.00	55.65 2.75 0.00
ASTORIA_GT2_1 24094	44.12 2.26 0.00	40.42 2.00 0.00	39.78 2.00 0.00	39.11 1.79 0.00	40.04 1.69 0.00	45.21 1.91 0.00	56.76 2.75 0.00	96.30 2.53 -37.58	61.39 3.09 0.00	49.57 2.80 -1.65	49.69 2.45 -8.92	49.39 2.54 -8.88	45.61 2.34 -7.81	46.36 2.44 -8.04	44.30 2.46 -5.17	49.37 2.68 -4.86	53.47 2.84 -4.86	63.39 3.76 0.00	72.65 4.18 0.00	84.21 4.84 0.00	73.53 3.50 0.00	68.20 3.00 0.00	59.90 2.85 0.00	55.55 2.65 0.00
ASTORIA_GT2_2 24095	44.12 2.26 0.00	40.42 2.00 0.00	39.78 2.00 0.00	39.11 1.79 0.00	40.04 1.69 0.00	45.21 1.91 0.00	56.76 2.75 0.00	96.30 2.53 -37.58	61.39 3.09 0.00	49.57 2.80 -1.65	49.69 2.45 -8.92	49.39 2.54 -8.88	45.61 2.34 -7.81	46.36 2.44 -8.04	44.30 2.46 -5.17	49.37 2.68 -4.86	53.47 2.84 -4.86	63.39 3.76 0.00	72.65 4.18 0.00	84.21 4.84 0.00	73.53 3.50 0.00	68.20 3.00 0.00	59.90 2.85 0.00	55.55 2.65 0.00
ASTORIA_GT2_3 24096	44.12 2.26 0.00	40.42 2.00 0.00	39.78 2.00 0.00	39.11 1.79 0.00	40.04 1.69 0.00	45.21 1.91 0.00	56.76 2.75 0.00	96.30 2.53 -37.58	61.39 3.09 0.00	49.57 2.80 -1.65	49.69 2.45 -8.92	49.39 2.54 -8.88	45.61 2.34 -7.81	46.36 2.44 -8.04	44.30 2.46 -5.17	49.37 2.68 -4.86	53.47 2.84 -4.86	63.39 3.76 0.00	72.65 4.18 0.00	84.21 4.84 0.00	73.53 3.50 0.00	68.20 3.00 0.00	59.90 2.85 0.00	55.55 2.65 0.00
ASTORIA_GT2_4 24097	44.12 2.26 0.00	40.42 2.00 0.00	39.78 2.00 0.00	39.11 1.79 0.00	40.04 1.69 0.00	45.21 1.91 0.00	56.76 2.75 0.00	96.30 2.53 -37.58	61.39 3.09 0.00	49.57 2.80 -1.65	49.69 2.45 -8.92	49.39 2.54 -8.88	45.61 2.34 -7.81	46.36 2.44 -8.04	44.30 2.46 -5.17	49.37 2.68 -4.86	53.47 2.84 -4.86	63.39 3.76 0.00	72.65 4.18 0.00	84.21 4.84 0.00	73.53 3.50 0.00	68.20 3.00 0.00	59.90 2.85 0.00	55.55 2.65 0.00
ASTORIA_GT3_1 24098	44.12 2.26 0.00	40.42 2.00 0.00	39.78 2.00 0.00	39.11 1.79 0.00	40.04 1.69 0.00	45.21 1.91 0.00	56.76 2.75 0.00	96.30 2.53 -37.58	61.39 3.09 0.00	49.57 2.80 -1.65	49.69 2.45 -8.92	49.39 2.54 -8.88	45.61 2.34 -7.81	46.36 2.44 -8.04	44.30 2.46 -5.17	49.37 2.68 -4.86	53.47 2.84 -4.86	63.39 3.76 0.00	72.65 4.18 0.00	84.21 4.84 0.00	73.53 3.50 0.00	68.20 3.00 0.00	59.90 2.85 0.00	55.55 2.65 0.00
ASTORIA_GT3_2 24099	44.12 2.26 0.00	40.42 2.00 0.00	39.78 2.00 0.00	39.11 1.79 0.00	40.04 1.69 0.00	45.21 1.91 0.00	56.76 2.75 0.00	96.30 2.53 -37.58	61.39 3.09 0.00	49.57 2.80 -1.65	49.69 2.45 -8.92	49.39 2.54 -8.88	45.61 2.34 -7.81	46.36 2.44 -8.04	44.30 2.46 -5.17	49.37 2.68 -4.86	53.47 2.84 -4.86	63.39 3.76 0.00	72.65 4.18 0.00	84.21 4.84 0.00	73.53 3.50 0.00	68.20 3.00 0.00	59.90 2.85 0.00	55.55 2.65 0.00
ASTORIA_GT3_3 24100	44.12 2.26 0.00	40.42 2.00 0.00	39.78 2.00 0.00	39.11 1.79 0.00	40.04 1.69 0.00	45.21 1.91 0.00	56.76 2.75 0.00	96.30 2.53 -37.58	61.39 3.09 0.00	49.57 2.80 -1.65	49.69 2.45 -8.92	49.39 2.54 -8.88	45.61 2.34 -7.81	46.36 2.44 -8.04	44.30 2.46 -5.17	49.37 2.68 -4.86	53.47 2.84 -4.86	63.39 3.76 0.00	72.65 4.18 0.00	84.21 4.84 0.00	73.53 3.50 0.00	68.20 3.00 0.00	59.90 2.85 0.00	55.55 2.65 0.00
ASTORIA_GT3_4 24101	44.12 2.26 0.00	40.42 2.00 0.00	39.78 2.00 0.00	39.11 1.79 0.00	40.04 1.69 0.00	45.21 1.91 0.00	56.76 2.75 0.00	96.30 2.53 -37.58	61.39 3.09 0.00	49.57 2.80 -1.65	49.69 2.45 -8.92	49.39 2.54 -8.88	45.61 2.34 -7.81	46.36 2.44 -8.04	44.30 2.46 -5.17	49.37 2.68 -4.86	53.47 2.84 -4.86	63.39 3.76 0.00	72.65 4.18 0.00	84.21 4.84 0.00	73.53 3.50 0.00	68.20 3.00 0.00	59.90 2.85 0.00	55.55 2.65 0.00
ASTORIA_GT4_1 24102	44.12 2.26 0.00	40.42 2.00 0.00	39.78 2.00 0.00	39.11 1.79 0.00	40.04 1.69 0.00	45.21 1.91 0.00	56.76 2.75 0.00	96.30 2.53 -37.58	61.39 3.09 0.00	49.57 2.80 -1.65	49.69 2.45 -8.92	49.39 2.54 -8.88	45.61 2.34 -7.81	46.36 2.44 -8.04	44.30 2.46 -5.17	49.37 2.68 -4.86	53.47 2.84 -4.86	63.39 3.76 0.00	72.65 4.18 0.00	84.21 4.84 0.00	73.53 3.50 0.00	68.20 3.00 0.00	59.90 2.85 0.00	55.55 2.65 0.00
ASTORIA_GT4_2 24103	44.12 2.26 0.00	40.42 2.00 0.00	39.78 2.00 0.00	39.11 1.79 0.00	40.04 1.69 0.00	45.21 1.91 0.00	56.76 2.75 0.00	96.30 2.53 -37.58	61.39 3.09 0.00	49.57 2.80 -1.65	49.69 2.45 -8.92	49.39 2.54 -8.88	45.61 2.34 -7.81	46.36 2.44 -8.04	44.30 2.46 -5.17	49.37 2.68 -4.86	53.47 2.84 -4.86	63.39 3.76 0.00	72.65 4.18 0.00	84.21 4.84 0.00	73.53 3.50 0.00	68.20 3.00 0.00	59.90 2.85 0.00	55.55 2.65 0.00
ASTORIA_GT4_3 24104	44.12 2.26 0.00	40.42 2.00 0.00	39.78 2.00 0.00	39.11 1.79 0.00	40.04 1.69 0.00	45.21 1.91 0.00	56.76 2.75 0.00	96.30 2.53 -37.58	61.39 3.09 0.00	49.57 2.80 -1.65	49.69 2.45 -8.92	49.39 2.54 -8.88	45.61 2.34 -7.81	46.36 2.44 -8.04	44.30 2.46 -5.17	49.37 2.68 -4.86	53.47 2.84 -4.86	63.39 3.76 0.00	72.65 4.18 0.00	84.21 4.84 0.00	73.53 3.50 0.00	68.20 3.00 0.00	59.90 2.85 0.00	55.55 2.65 0.00

ASTORIA_GT4_4 24105	44.12 2.26 0.00	40.42 2.00 0.00	39.78 2.00 0.00	39.11 1.79 0.00	40.04 1.69 0.00	45.21 1.91 0.00	56.76 2.75 0.00	96.30 2.53 -37.58	61.39 3.09 0.00	49.57 2.80 -1.65	49.69 2.45 -8.92	49.39 2.54 -8.88	45.61 2.34 -7.81	46.36 2.44 -8.04	44.30 2.46 -5.17	49.37 2.68 -4.86	53.47 2.84 -4.86	63.39 3.76 0.00	72.65 4.18 0.00	84.21 4.84 0.00	73.53 3.50 0.00	68.20 3.00 0.00	59.90 2.85 0.00	55.55 2.65 0.00
ASTORIA_GT_1 23523	44.21 2.34 0.00	40.46 2.04 0.00	39.82 2.04 0.00	39.15 1.83 0.00	40.12 1.76 0.00	45.30 1.99 0.00	56.87 2.86 0.00	96.41 2.64 -37.58	61.51 3.21 0.00	49.66 2.89 -1.65	49.77 2.53 -8.92	49.47 2.62 -8.88	45.68 2.41 -7.81	46.43 2.51 -8.04	44.33 2.49 -5.17	49.45 2.76 -4.86	53.51 2.88 -4.86	63.51 3.88 0.00	72.79 4.31 0.00	84.45 5.08 0.00	73.67 3.64 0.00	68.33 3.13 0.00	59.96 2.91 0.00	55.60 2.70 0.00
ASTORIA_GT_10 24110	44.16 2.30 0.00	40.49 2.07 0.00	39.82 2.04 0.00	39.18 1.87 0.00	40.15 1.80 0.00	45.43 2.12 0.00	57.14 3.13 0.00	96.69 2.92 -37.58	61.80 3.50 0.00	49.84 3.07 -1.65	49.88 2.64 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.58 2.66 -8.04	44.48 2.64 -5.17	49.62 2.93 -4.86	53.74 3.11 -4.86	63.81 4.17 0.00	73.06 4.59 0.00	84.76 5.40 0.00	73.95 3.92 0.00	68.66 3.46 0.00	60.19 3.14 0.00	55.60 2.70 0.00
ASTORIA_GT_11 24225	44.16 2.30 0.00	40.49 2.07 0.00	39.82 2.04 0.00	39.18 1.87 0.00	40.15 1.80 0.00	45.43 2.12 0.00	57.14 3.13 0.00	96.69 2.92 -37.58	61.80 3.50 0.00	49.84 3.07 -1.65	49.88 2.64 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.58 2.66 -8.04	44.48 2.64 -5.17	49.62 2.93 -4.86	53.74 3.11 -4.86	63.81 4.17 0.00	73.06 4.59 0.00	84.76 5.40 0.00	73.95 3.92 0.00	68.66 3.46 0.00	60.19 3.14 0.00	55.60 2.70 0.00
ASTORIA_GT_12 24226	44.16 2.30 0.00	40.49 2.07 0.00	39.82 2.04 0.00	39.18 1.87 0.00	40.15 1.80 0.00	45.43 2.12 0.00	57.14 3.13 0.00	96.69 2.92 -37.58	61.80 3.50 0.00	49.84 3.07 -1.65	49.88 2.64 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.58 2.66 -8.04	44.48 2.64 -5.17	49.62 2.93 -4.86	53.74 3.11 -4.86	63.81 4.17 0.00	73.06 4.59 0.00	84.76 5.40 0.00	73.95 3.92 0.00	68.66 3.46 0.00	60.19 3.14 0.00	55.60 2.70 0.00
ASTORIA_GT_13 24227	44.16 2.30 0.00	40.49 2.07 0.00	39.82 2.04 0.00	39.18 1.87 0.00	40.15 1.80 0.00	45.43 2.12 0.00	57.14 3.13 0.00	96.69 2.92 -37.58	61.80 3.50 0.00	49.84 3.07 -1.65	49.88 2.64 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.58 2.66 -8.04	44.48 2.64 -5.17	49.62 2.93 -4.86	53.74 3.11 -4.86	63.81 4.17 0.00	73.06 4.59 0.00	84.76 5.40 0.00	73.95 3.92 0.00	68.66 3.46 0.00	60.19 3.14 0.00	55.60 2.70 0.00
ASTORIA_GT_5 24106	44.21 2.34 0.00	40.46 2.04 0.00	39.82 2.04 0.00	39.15 1.83 0.00	40.12 1.76 0.00	45.30 1.99 0.00	56.87 2.86 0.00	96.41 2.64 -37.58	61.51 3.21 0.00	49.66 2.89 -1.65	49.77 2.53 -8.92	49.47 2.62 -8.88	45.68 2.41 -7.81	46.43 2.51 -8.04	44.33 2.49 -5.17	49.45 2.76 -4.86	53.51 2.88 -4.86	63.51 3.88 0.00	72.79 4.31 0.00	84.45 5.08 0.00	73.67 3.64 0.00	68.33 3.13 0.00	59.96 2.91 0.00	55.60 2.70 0.00
ASTORIA_GT_7 24107	44.21 2.34 0.00	40.46 2.04 0.00	39.82 2.04 0.00	39.15 1.83 0.00	40.12 1.76 0.00	45.30 1.99 0.00	56.87 2.86 0.00	96.41 2.64 -37.58	61.51 3.21 0.00	49.66 2.89 -1.65	49.77 2.53 -8.92	49.47 2.62 -8.88	45.68 2.41 -7.81	46.43 2.51 -8.04	44.33 2.49 -5.17	49.45 2.76 -4.86	53.51 2.88 -4.86	63.51 3.88 0.00	72.79 4.31 0.00	84.45 5.08 0.00	73.67 3.64 0.00	68.33 3.13 0.00	59.96 2.91 0.00	55.60 2.70 0.00
ASTORIA_GT_8 24108	44.21 2.34 0.00	40.46 2.04 0.00	39.82 2.04 0.00	39.15 1.83 0.00	40.12 1.76 0.00	45.30 1.99 0.00	56.87 2.86 0.00	96.41 2.64 -37.58	61.51 3.21 0.00	49.66 2.89 -1.65	49.77 2.53 -8.92	49.47 2.62 -8.88	45.68 2.41 -7.81	46.43 2.51 -8.04	44.33 2.49 -5.17	49.45 2.76 -4.86	53.51 2.88 -4.86	63.51 3.88 0.00	72.79 4.31 0.00	84.45 5.08 0.00	73.67 3.64 0.00	68.33 3.13 0.00	59.96 2.91 0.00	55.60 2.70 0.00
ASTORIA__2 24149	44.20 2.34 0.00	40.42 2.00 0.00	39.78 2.00 0.00	39.11 1.79 0.00	40.04 1.69 0.00	45.30 1.99 0.00	56.76 2.75 0.00	96.29 2.53 -37.57	61.38 3.09 0.01	49.56 2.80 -1.64	49.68 2.45 -8.91	49.39 2.54 -8.87	45.60 2.34 -7.80	46.36 2.44 -8.03	44.29 2.46 -5.16	49.36 2.68 -4.85	53.42 2.79 -4.85	63.39 3.76 0.01	72.64 4.18 0.01	84.20 4.84 0.01	73.52 3.50 0.01	68.26 3.07 0.01	59.90 2.85 0.01	55.70 2.80 0.00
ASTORIA__3 23516	44.20 2.34 0.00	40.49 2.07 0.00	39.82 2.04 0.00	39.18 1.87 0.00	40.15 1.80 0.00	45.51 2.21 0.00	57.13 3.13 0.00	96.69 2.92 -37.58	61.80 3.50 0.00	49.84 3.07 -1.65	49.88 2.64 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.58 2.66 -8.04	44.48 2.64 -5.17	49.62 2.93 -4.86	53.75 3.11 -4.86	63.81 4.17 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.72 3.52 0.00	60.24 3.19 0.00	55.75 2.85 0.00
ASTORIA__4 23517	44.16 2.30 0.00	40.49 2.07 0.00	39.82 2.04 0.00	39.18 1.87 0.00	40.15 1.80 0.00	45.43 2.12 0.00	57.14 3.13 0.00	96.69 2.92 -37.58	61.80 3.50 0.00	49.84 3.07 -1.65	49.88 2.64 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.58 2.66 -8.04	44.48 2.64 -5.17	49.62 2.93 -4.86	53.74 3.11 -4.86	63.81 4.17 0.00	73.06 4.59 0.00	84.76 5.40 0.00	73.95 3.92 0.00	68.66 3.46 0.00	60.19 3.14 0.00	55.60 2.70 0.00
ASTORIA__5 23518	44.20 2.34 0.00	40.49 2.07 0.00	39.82 2.04 0.00	39.18 1.87 0.00	40.15 1.80 0.00	45.51 2.21 0.00	57.13 3.13 0.00	96.69 2.92 -37.58	61.80 3.50 0.00	49.84 3.07 -1.65	49.88 2.64 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.58 2.66 -8.04	44.48 2.64 -5.17	49.62 2.93 -4.86	53.75 3.11 -4.86	63.81 4.17 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.72 3.52 0.00	60.24 3.19 0.00	55.81 2.91 0.00
AST_ENERGY_2_CC3 323677	43.95 2.09 0.00	40.26 1.84 0.00	39.59 1.81 0.00	38.96 1.64 0.00	39.96 1.61 0.00	45.34 2.04 0.00	57.03 3.02 0.00	96.65 2.86 -37.60	61.68 3.38 0.00	49.70 2.93 -1.65	49.81 2.57 -8.92	49.47 2.62 -8.88	45.69 2.41 -7.81	46.44 2.51 -8.04	44.37 2.53 -5.17	49.54 2.85 -4.86	53.70 3.07 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.60 5.24 0.00	73.95 3.92 0.00	68.66 3.45 0.00	60.01 2.96 0.00	55.49 2.59 0.00
AST_ENERGY_2_CC4 323678	43.95 2.09 0.00	40.26 1.84 0.00	39.59 1.81 0.00	38.96 1.64 0.00	39.96 1.61 0.00	45.34 2.04 0.00	57.03 3.02 0.00	96.65 2.86 -37.60	61.68 3.38 0.00	49.70 2.93 -1.65	49.81 2.57 -8.92	49.47 2.62 -8.88	45.69 2.41 -7.81	46.44 2.51 -8.04	44.37 2.53 -5.17	49.54 2.85 -4.86	53.70 3.07 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.60 5.24 0.00	73.95 3.92 0.00	68.66 3.45 0.00	60.01 2.96 0.00	55.49 2.59 0.00

ATHENS_STG_1 23668	43.03 1.17 0.00	39.49 1.07 0.00	38.87 1.10 0.00	38.29 0.97 0.00	39.23 0.88 0.00	44.47 1.17 0.00	55.62 1.62 0.00	83.54 0.84 -26.51	59.29 0.99 0.00	47.27 1.08 -1.07	45.65 1.53 -5.79	45.29 1.56 -5.76	41.95 1.42 -5.07	42.57 1.47 -5.22	41.53 1.50 -3.36	46.70 1.72 -3.16	49.06 1.37 -1.91	61.54 1.91 0.00	70.46 1.99 0.00	81.59 2.22 0.00	71.57 1.54 0.00	66.58 1.37 0.00	58.36 1.31 0.00	53.96 1.06 0.00
ATHENS_STG_2 23670	43.03 1.17 0.00	39.49 1.07 0.00	38.87 1.10 0.00	38.29 0.97 0.00	39.23 0.88 0.00	44.47 1.17 0.00	55.62 1.62 0.00	83.54 0.84 -26.51	59.29 0.99 0.00	47.27 1.08 -1.07	45.65 1.53 -5.79	45.29 1.56 -5.76	41.95 1.42 -5.07	42.57 1.47 -5.22	41.53 1.50 -3.36	46.70 1.72 -3.16	49.06 1.37 -1.91	61.54 1.91 0.00	70.46 1.99 0.00	81.59 2.22 0.00	71.57 1.54 0.00	66.58 1.37 0.00	58.36 1.31 0.00	53.96 1.06 0.00
ATHENS_STG_3 23677	43.03 1.17 0.00	39.49 1.07 0.00	38.87 1.10 0.00	38.29 0.97 0.00	39.23 0.88 0.00	44.47 1.17 0.00	55.62 1.62 0.00	83.54 0.84 -26.51	59.29 0.99 0.00	47.27 1.08 -1.07	45.65 1.53 -5.79	45.29 1.56 -5.76	41.95 1.42 -5.07	42.57 1.47 -5.22	41.53 1.50 -3.36	46.70 1.72 -3.16	49.06 1.37 -1.91	61.54 1.91 0.00	70.46 1.99 0.00	81.59 2.22 0.00	71.57 1.54 0.00	66.58 1.37 0.00	58.36 1.31 0.00	53.96 1.06 0.00
AUBURN___LFGE 323710	41.69 -0.17 0.00	38.19 -0.23 0.00	37.55 -0.23 0.00	37.09 -0.22 0.00	38.08 -0.27 0.00	43.09 -0.22 0.00	55.30 0.05 -1.24	57.71 0.22 -1.30	59.19 0.00 -0.89	45.04 -0.09 0.00	38.17 -0.15 0.00	37.87 -0.23 -0.12	35.33 -0.14 0.00	36.07 -0.07 -0.26	36.85 -0.15 -0.33	42.61 -0.17 -0.95	46.68 -0.14 -1.04	61.26 0.24 -1.39	69.88 0.34 -1.06	81.21 0.56 -1.29	70.41 0.28 -0.10	65.57 0.20 -0.17	57.22 0.17 0.00	53.01 0.11 0.00
BABYLON_RES_REC 323704	44.50 2.64 0.00	40.72 2.30 0.00	39.97 2.19 0.00	39.26 1.94 0.00	40.34 1.99 0.00	45.82 2.51 0.00	57.51 3.51 0.00	95.86 2.13 -37.53	61.21 2.91 0.00	49.47 2.71 -1.64	49.79 2.57 -8.90	49.45 2.62 -8.86	45.70 2.45 -7.80	46.35 2.44 -8.03	44.51 2.68 -5.16	49.78 3.10 -4.85	54.29 3.66 -4.85	64.11 4.47 0.00	73.54 5.07 0.00	85.63 6.27 0.00	75.07 5.04 0.00	69.51 4.30 0.00	60.87 3.82 0.00	56.18 3.28 0.00
BALL_HILL_WT_PWR 323825	37.51 -4.35 0.00	34.19 -4.23 0.00	33.62 -4.16 0.00	33.03 -4.29 0.00	33.90 -4.45 0.00	38.29 -4.98 0.04	36.56 -5.83 11.61	38.27 -5.79 12.14	43.85 -6.12 8.33	40.33 -4.78 0.01	34.22 -4.10 0.00	32.76 -4.10 1.11	31.77 -3.65 0.04	30.04 -3.41 2.44	29.92 -3.67 3.08	28.67 -4.31 8.85	31.49 -4.58 9.71	41.15 -5.49 13.00	52.46 -6.09 9.92	60.15 -7.14 12.07	62.71 -6.72 0.60	57.73 -6.46 1.01	51.80 -5.25 0.00	48.40 -4.50 0.00
BARON_WINDS___WT_PWR 323822	38.68 -3.18 0.00	35.31 -3.11 0.00	34.68 -3.10 0.00	34.15 -3.17 0.00	35.05 -3.30 0.00	39.55 -3.59 0.16	2.00 -4.00 48.01	2.00 -3.99 50.20	19.29 -4.55 34.47	41.37 -3.70 0.05	35.06 -3.26 0.00	30.12 -3.27 4.59	32.29 -3.01 0.16	23.05 -2.76 10.07	20.95 -2.97 12.75	2.00 -3.22 36.61	2.00 -3.62 40.16	2.00 -3.88 53.76	23.26 -4.18 41.03	24.84 -4.61 49.92	64.21 -4.41 1.41	58.77 -4.04 2.39	53.80 -3.25 0.00	50.20 -2.70 0.00
BARRETT_IC_1 23704	44.08 2.22 0.00	40.49 2.07 0.00	39.74 1.96 0.00	39.07 1.75 0.00	40.08 1.73 0.00	45.38 2.08 0.00	57.03 3.02 0.00	95.13 1.41 -37.53	60.93 2.63 0.00	49.25 2.48 -1.64	49.56 2.34 -8.90	49.27 2.43 -8.86	45.50 2.24 -7.80	46.17 2.26 -8.03	44.29 2.46 -5.16	49.49 2.80 -4.85	53.92 3.30 -4.85	63.69 4.06 0.00	73.06 4.59 0.00	84.37 5.00 0.00	74.44 4.41 0.00	68.98 3.78 0.00	60.36 3.31 0.00	55.65 2.75 0.00
BARRETT_IC_10 23701	44.08 2.22 0.00	40.49 2.07 0.00	39.74 1.96 0.00	39.07 1.75 0.00	40.08 1.73 0.00	45.38 2.08 0.00	57.03 3.02 0.00	95.13 1.41 -37.53	60.93 2.63 0.00	49.25 2.48 -1.64	49.56 2.34 -8.90	49.27 2.43 -8.86	45.50 2.24 -7.80	46.17 2.26 -8.03	44.29 2.46 -5.16	49.49 2.80 -4.85	53.92 3.30 -4.85	63.69 4.06 0.00	73.06 4.59 0.00	84.37 5.00 0.00	74.44 4.41 0.00	68.98 3.78 0.00	60.36 3.31 0.00	55.65 2.75 0.00
BARRETT_IC_11 23702	44.08 2.22 0.00	40.49 2.07 0.00	39.74 1.96 0.00	39.07 1.75 0.00	40.08 1.73 0.00	45.38 2.08 0.00	57.03 3.02 0.00	95.13 1.41 -37.53	60.93 2.63 0.00	49.25 2.48 -1.64	49.56 2.34 -8.90	49.27 2.43 -8.86	45.50 2.24 -7.80	46.17 2.26 -8.03	44.29 2.46 -5.16	49.49 2.80 -4.85	53.92 3.30 -4.85	63.69 4.06 0.00	73.06 4.59 0.00	84.37 5.00 0.00	74.44 4.41 0.00	68.98 3.78 0.00	60.36 3.31 0.00	55.65 2.75 0.00
BARRETT_IC_12 23703	44.08 2.22 0.00	40.49 2.07 0.00	39.74 1.96 0.00	39.07 1.75 0.00	40.08 1.73 0.00	45.38 2.08 0.00	57.03 3.02 0.00	95.13 1.41 -37.53	60.93 2.63 0.00	49.25 2.48 -1.64	49.56 2.34 -8.90	49.27 2.43 -8.86	45.50 2.24 -7.80	46.17 2.26 -8.03	44.29 2.46 -5.16	49.49 2.80 -4.85	53.92 3.30 -4.85	63.69 4.06 0.00	73.06 4.59 0.00	84.37 5.00 0.00	74.44 4.41 0.00	68.98 3.78 0.00	60.36 3.31 0.00	55.65 2.75 0.00
BARRETT_IC_2 23705	44.08 2.22 0.00	40.49 2.07 0.00	39.74 1.96 0.00	39.07 1.75 0.00	40.08 1.73 0.00	45.38 2.08 0.00	57.03 3.02 0.00	95.13 1.41 -37.53	60.93 2.63 0.00	49.25 2.48 -1.64	49.56 2.34 -8.90	49.27 2.43 -8.86	45.50 2.24 -7.80	46.17 2.26 -8.03	44.29 2.46 -5.16	49.49 2.80 -4.85	53.92 3.30 -4.85	63.69 4.06 0.00	73.06 4.59 0.00	84.37 5.00 0.00	74.44 4.41 0.00	68.98 3.78 0.00	60.36 3.31 0.00	55.65 2.75 0.00
BARRETT_IC_3 23706	44.08 2.22 0.00	40.49 2.07 0.00	39.74 1.96 0.00	39.07 1.75 0.00	40.08 1.73 0.00	45.38 2.08 0.00	57.03 3.02 0.00	95.13 1.41 -37.53	60.93 2.63 0.00	49.25 2.48 -1.64	49.56 2.34 -8.90	49.27 2.43 -8.86	45.50 2.24 -7.80	46.17 2.26 -8.03	44.29 2.46 -5.16	49.49 2.80 -4.85	53.92 3.30 -4.85	63.69 4.06 0.00	73.06 4.59 0.00	84.37 5.00 0.00	74.44 4.41 0.00	68.98 3.78 0.00	60.36 3.31 0.00	55.65 2.75 0.00
BARRETT_IC_4 23707	44.08 2.22 0.00	40.49 2.07 0.00	39.74 1.96 0.00	39.07 1.75 0.00	40.08 1.73 0.00	45.38 2.08 0.00	57.03 3.02 0.00	95.13 1.41 -37.53	60.93 2.63 0.00	49.25 2.48 -1.64	49.56 2.34 -8.90	49.27 2.43 -8.86	45.50 2.24 -7.80	46.17 2.26 -8.03	44.29 2.46 -5.16	49.49 2.80 -4.85	53.92 3.30 -4.85	63.69 4.06 0.00	73.06 4.59 0.00	84.37 5.00 0.00	74.44 4.41 0.00	68.98 3.78 0.00	60.36 3.31 0.00	55.65 2.75 0.00
BARRETT_IC_5 23708	44.08 2.22 0.00	40.49 2.07 0.00	39.74 1.96 0.00	39.07 1.75 0.00	40.08 1.73 0.00	45.38 2.08 0.00	57.03 3.02 0.00	95.13 1.41 -37.53	60.93 2.63 0.00	49.25 2.48 -1.64	49.56 2.34 -8.90	49.27 2.43 -8.86	45.50 2.24 -7.80	46.17 2.26 -8.03	44.29 2.46 -5.16	49.49 2.80 -4.85	53.92 3.30 -4.85	63.69 4.06 0.00	73.06 4.59 0.00	84.37 5.00 0.00	74.44 4.41 0.00	68.98 3.78 0.00	60.36 3.31 0.00	55.65 2.75 0.00

BARRETT_IC_6 23709	44.08 2.22 0.00	40.49 2.07 0.00	39.74 1.96 0.00	39.07 1.75 0.00	40.08 1.73 0.00	45.38 2.08 0.00	57.03 3.02 0.00	95.13 1.41 -37.53	60.93 2.63 0.00	49.25 2.48 -1.64	49.56 2.34 -8.90	49.27 2.43 -8.86	45.50 2.24 -7.80	46.17 2.26 -8.03	44.29 2.46 -5.16	49.49 2.80 -4.85	53.92 3.30 -4.85	63.69 4.06 0.00	73.06 4.59 0.00	84.37 5.00 0.00	74.44 4.41 0.00	68.98 3.78 0.00	60.36 3.31 0.00	55.65 2.75 0.00
BARRETT_IC_7 23710	44.04 2.18 0.00	40.49 2.07 0.00	39.74 1.96 0.00	39.03 1.72 0.00	40.08 1.73 0.00	45.17 1.86 0.00	57.03 3.02 0.00	95.13 1.40 -37.53	60.92 2.62 0.00	49.25 2.48 -1.64	49.56 2.34 -8.90	49.27 2.43 -8.86	45.49 2.23 -7.80	46.17 2.26 -8.03	44.29 2.46 -5.16	49.49 2.80 -4.85	53.92 3.30 -4.85	63.69 4.06 0.00	73.06 4.59 0.00	84.45 5.08 0.00	74.44 4.41 0.00	68.79 3.59 0.00	60.19 3.14 0.00	55.39 2.49 0.00
BARRETT_IC_8 23711	44.08 2.22 0.00	40.49 2.07 0.00	39.74 1.96 0.00	39.07 1.75 0.00	40.08 1.73 0.00	45.38 2.08 0.00	57.03 3.02 0.00	95.13 1.41 -37.53	60.93 2.63 0.00	49.25 2.48 -1.64	49.56 2.34 -8.90	49.27 2.43 -8.86	45.50 2.24 -7.80	46.17 2.26 -8.03	44.29 2.46 -5.16	49.49 2.80 -4.85	53.92 3.30 -4.85	63.69 4.06 0.00	73.06 4.59 0.00	84.37 5.00 0.00	74.44 4.41 0.00	68.98 3.78 0.00	60.36 3.31 0.00	55.65 2.75 0.00
BARRETT_IC_9 23700	44.08 2.22 0.00	40.49 2.07 0.00	39.74 1.96 0.00	39.07 1.75 0.00	40.08 1.73 0.00	45.38 2.08 0.00	57.03 3.02 0.00	95.13 1.41 -37.53	60.93 2.63 0.00	49.25 2.48 -1.64	49.56 2.34 -8.90	49.27 2.43 -8.86	45.50 2.24 -7.80	46.17 2.26 -8.03	44.29 2.46 -5.16	49.49 2.80 -4.85	53.92 3.30 -4.85	63.69 4.06 0.00	73.06 4.59 0.00	84.37 5.00 0.00	74.44 4.41 0.00	68.98 3.78 0.00	60.36 3.31 0.00	55.65 2.75 0.00
BARRETT__1 23545	44.08 2.22 0.00	40.49 2.07 0.00	39.74 1.96 0.00	39.07 1.75 0.00	40.08 1.73 0.00	45.38 2.08 0.00	57.03 3.02 0.00	95.13 1.41 -37.53	60.93 2.63 0.00	49.25 2.48 -1.64	49.56 2.34 -8.90	49.27 2.43 -8.86	45.50 2.24 -7.80	46.17 2.26 -8.03	44.29 2.46 -5.16	49.49 2.80 -4.85	53.92 3.30 -4.85	63.69 4.06 0.00	73.06 4.59 0.00	84.37 5.00 0.00	74.44 4.41 0.00	68.98 3.78 0.00	60.36 3.31 0.00	55.65 2.75 0.00
BARRETT__2 23546	44.08 2.22 0.00	40.49 2.07 0.00	39.74 1.96 0.00	39.07 1.75 0.00	40.08 1.73 0.00	45.38 2.08 0.00	57.03 3.02 0.00	95.13 1.41 -37.53	60.93 2.63 0.00	49.25 2.48 -1.64	49.56 2.34 -8.90	49.27 2.43 -8.86	45.50 2.24 -7.80	46.17 2.26 -8.03	44.29 2.46 -5.16	49.49 2.80 -4.85	53.92 3.30 -4.85	63.69 4.06 0.00	73.06 4.59 0.00	84.37 5.00 0.00	74.44 4.41 0.00	68.98 3.78 0.00	60.36 3.31 0.00	55.65 2.75 0.00
BATAVIA__115KV_TB1 55881	38.89 -2.97 0.00	35.31 -3.11 0.00	34.79 -2.98 0.00	34.22 -3.10 0.00	35.17 -3.18 0.00	39.52 -3.77 0.02	43.74 -4.10 6.16	45.87 -3.88 6.44	49.33 -4.55 4.42	41.64 -3.47 0.01	35.26 -3.07 0.00	34.19 -3.19 0.59	32.68 -2.77 0.02	32.04 -2.55 1.30	32.13 -2.90 1.64	33.70 -3.43 4.70	36.91 -3.71 5.15	48.57 -4.17 6.90	58.62 -4.59 5.26	67.33 -5.63 6.40	64.57 -5.18 0.27	59.66 -5.09 0.46	53.06 -3.99 0.00	49.41 -3.49 0.00
BAYONEEC__CTG1 323682	43.95 2.09 0.00	40.26 1.84 0.00	39.63 1.85 0.00	38.96 1.64 0.00	39.96 1.61 0.00	45.34 2.04 0.00	57.08 3.08 0.00	96.71 2.92 -37.60	61.74 3.44 0.00	49.75 2.98 -1.65	49.85 2.61 -8.92	49.51 2.66 -8.88	45.72 2.45 -7.81	46.47 2.55 -8.04	44.41 2.57 -5.17	49.58 2.88 -4.86	53.75 3.11 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	74.02 3.99 0.00	68.66 3.45 0.00	60.07 3.02 0.00	55.49 2.59 0.00
BAYONEEC__CTG10 323750	43.95 2.09 0.00	40.26 1.84 0.00	39.63 1.85 0.00	38.96 1.64 0.00	39.96 1.61 0.00	45.34 2.04 0.00	57.08 3.08 0.00	96.71 2.92 -37.60	61.74 3.44 0.00	49.75 2.98 -1.65	49.85 2.61 -8.92	49.51 2.66 -8.88	45.72 2.45 -7.81	46.47 2.55 -8.04	44.41 2.57 -5.17	49.58 2.88 -4.86	53.75 3.11 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	74.02 3.99 0.00	68.66 3.45 0.00	60.07 3.02 0.00	55.49 2.59 0.00
BAYONEEC__CTG2 323683	43.95 2.09 0.00	40.26 1.84 0.00	39.63 1.85 0.00	38.96 1.64 0.00	39.96 1.61 0.00	45.34 2.04 0.00	57.08 3.08 0.00	96.71 2.92 -37.60	61.74 3.44 0.00	49.75 2.98 -1.65	49.85 2.61 -8.92	49.51 2.66 -8.88	45.72 2.45 -7.81	46.47 2.55 -8.04	44.41 2.57 -5.17	49.58 2.88 -4.86	53.75 3.11 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	74.02 3.99 0.00	68.66 3.45 0.00	60.07 3.02 0.00	55.49 2.59 0.00
BAYONEEC__CTG3 323684	43.95 2.09 0.00	40.26 1.84 0.00	39.63 1.85 0.00	38.96 1.64 0.00	39.96 1.61 0.00	45.34 2.04 0.00	57.08 3.08 0.00	96.71 2.92 -37.60	61.74 3.44 0.00	49.75 2.98 -1.65	49.85 2.61 -8.92	49.51 2.66 -8.88	45.72 2.45 -7.81	46.47 2.55 -8.04	44.41 2.57 -5.17	49.58 2.88 -4.86	53.75 3.11 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	74.02 3.99 0.00	68.66 3.45 0.00	60.07 3.02 0.00	55.49 2.59 0.00
BAYONEEC__CTG4 323685	43.95 2.09 0.00	40.26 1.84 0.00	39.63 1.85 0.00	38.96 1.64 0.00	39.96 1.61 0.00	45.34 2.04 0.00	57.08 3.08 0.00	96.71 2.92 -37.60	61.74 3.44 0.00	49.75 2.98 -1.65	49.85 2.61 -8.92	49.51 2.66 -8.88	45.72 2.45 -7.81	46.47 2.55 -8.04	44.41 2.57 -5.17	49.58 2.88 -4.86	53.75 3.11 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	74.02 3.99 0.00	68.66 3.45 0.00	60.07 3.02 0.00	55.49 2.59 0.00
BAYONEEC__CTG5 323686	43.95 2.09 0.00	40.26 1.84 0.00	39.63 1.85 0.00	38.96 1.64 0.00	39.96 1.61 0.00	45.34 2.04 0.00	57.08 3.08 0.00	96.71 2.92 -37.60	61.74 3.44 0.00	49.75 2.98 -1.65	49.85 2.61 -8.92	49.51 2.66 -8.88	45.72 2.45 -7.81	46.47 2.55 -8.04	44.41 2.57 -5.17	49.58 2.88 -4.86	53.75 3.11 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	74.02 3.99 0.00	68.66 3.45 0.00	60.07 3.02 0.00	55.49 2.59 0.00
BAYONEEC__CTG6 323687	43.95 2.09 0.00	40.26 1.84 0.00	39.63 1.85 0.00	38.96 1.64 0.00	39.96 1.61 0.00	45.34 2.04 0.00	57.08 3.08 0.00	96.71 2.92 -37.60	61.74 3.44 0.00	49.75 2.98 -1.65	49.85 2.61 -8.92	49.51 2.66 -8.88	45.72 2.45 -7.81	46.47 2.55 -8.04	44.41 2.57 -5.17	49.58 2.88 -4.86	53.75 3.11 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	74.02 3.99 0.00	68.66 3.45 0.00	60.07 3.02 0.00	55.49 2.59 0.00
BAYONEEC__CTG7 323688	43.95 2.09 0.00	40.26 1.84 0.00	39.63 1.85 0.00	38.96 1.64 0.00	39.96 1.61 0.00	45.34 2.04 0.00	57.08 3.08 0.00	96.71 2.92 -37.60	61.74 3.44 0.00	49.75 2.98 -1.65	49.85 2.61 -8.92	49.51 2.66 -8.88	45.72 2.45 -7.81	46.47 2.55 -8.04	44.41 2.57 -5.17	49.58 2.88 -4.86	53.75 3.11 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	74.02 3.99 0.00	68.66 3.45 0.00	60.07 3.02 0.00	55.49 2.59 0.00

BAYONEEC___CTG8 323689	43.95 2.09 0.00	40.26 1.84 0.00	39.63 1.85 0.00	38.96 1.64 0.00	39.96 1.61 0.00	45.34 2.04 0.00	57.08 3.08 0.00	96.71 2.92 -37.60	61.74 3.44 0.00	49.75 2.98 -1.65	49.85 2.61 -8.92	49.51 2.66 -8.88	45.72 2.45 -7.81	46.47 2.55 -8.04	44.41 2.57 -5.17	49.58 2.88 -4.86	53.75 3.11 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	74.02 3.99 0.00	68.66 3.45 0.00	60.07 3.02 0.00	55.49 2.59 0.00
BAYONEEC___CTG9 323749	43.95 2.09 0.00	40.26 1.84 0.00	39.63 1.85 0.00	38.96 1.64 0.00	39.96 1.61 0.00	45.34 2.04 0.00	57.08 3.08 0.00	96.71 2.92 -37.60	61.74 3.44 0.00	49.75 2.98 -1.65	49.85 2.61 -8.92	49.51 2.66 -8.88	45.72 2.45 -7.81	46.47 2.55 -8.04	44.41 2.57 -5.17	49.58 2.88 -4.86	53.75 3.11 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	74.02 3.99 0.00	68.66 3.45 0.00	60.07 3.02 0.00	55.49 2.59 0.00
BEACON___LESR 323632	43.49 1.63 0.00	39.99 1.58 0.00	39.29 1.51 0.00	38.81 1.49 0.00	39.77 1.42 0.00	45.08 1.78 0.00	55.51 1.51 0.00	69.12 1.06 -11.86	59.64 1.34 0.00	46.53 0.95 -0.45	41.66 0.88 -2.46	41.29 0.87 -2.45	38.36 0.75 -2.15	38.74 0.65 -2.22	38.79 0.69 -1.43	44.05 0.88 -1.34	48.22 1.05 -1.39	61.13 1.49 0.00	70.12 1.64 0.00	81.27 1.90 0.00	71.35 1.33 0.00	66.38 1.17 0.00	58.19 1.14 0.00	53.90 1.00 0.00
BEAVER RIVER___HYD 24048	40.65 -1.22 0.00	37.23 -1.19 0.00	36.57 -1.21 0.00	36.12 -1.20 0.00	38.13 -1.11 -0.90	42.14 -1.21 -0.04	56.71 -1.19 -3.89	68.87 -0.90 -13.58	56.61 -1.69 0.00	43.05 -2.07 0.00	36.18 -2.15 0.00	35.96 -2.01 0.00	33.48 -1.99 0.00	33.91 -1.97 0.00	34.76 -1.91 0.00	40.08 -1.76 0.00	44.04 -1.74 0.00	59.92 -1.97 -2.25	87.46 -1.23 -20.21	100.88 -0.55 -22.06	96.45 0.07 -26.35	78.61 0.59 -12.82	63.54 0.34 -6.15	55.90 0.32 -2.68
BEEBEE_GT_13 23619	40.35 -1.51 0.00	36.73 -1.69 0.00	36.12 -1.66 0.00	35.68 -1.64 0.00	36.66 -1.69 0.00	41.18 -2.12 0.00	51.69 -2.32 -0.01	54.23 -1.97 -0.01	55.86 -2.45 0.00	43.50 -1.62 0.00	36.87 -1.46 0.00	36.27 -1.71 0.00	34.19 -1.28 0.00	34.59 -1.29 0.00	35.09 -1.58 0.00	40.04 -1.80 -0.01	43.86 -1.92 -0.01	57.50 -2.15 -0.01	66.09 -2.40 -0.01	76.36 -3.02 -0.01	67.55 -2.59 -0.12	62.86 -2.54 -0.20	55.00 -2.05 0.00	51.15 -1.75 0.00
BENSHRST_27_KV_BENSHRST_1 355998	44.46 2.60 0.00	40.76 2.34 0.00	40.08 2.30 0.00	39.41 2.09 0.00	40.38 2.03 0.00	45.64 2.34 0.00	57.51 3.51 0.00	97.09 3.32 -37.58	62.09 3.79 0.00	50.06 3.29 -1.65	50.04 2.80 -8.92	49.77 2.92 -8.88	46.00 2.73 -7.81	46.76 2.83 -8.04	44.59 2.75 -5.17	49.66 2.97 -4.86	53.84 3.20 -4.86	64.05 4.41 0.00	73.41 4.93 0.00	85.16 5.79 0.00	74.23 4.20 0.00	69.18 3.98 0.00	60.70 3.65 0.00	56.02 3.12 0.00
BETHLEHEM___GRP 23843	43.12 1.26 0.00	39.69 1.27 0.00	38.99 1.21 0.00	38.47 1.16 0.00	39.46 1.11 0.00	44.60 1.30 0.00	54.76 0.76 0.00	68.19 0.22 -11.77	58.88 0.58 0.00	45.98 0.41 -0.45	41.27 0.50 -2.44	40.90 0.49 -2.43	38.00 0.39 -2.14	38.41 0.32 -2.20	38.45 0.37 -1.42	43.58 0.42 -1.33	47.67 0.50 -1.39	60.23 0.60 0.00	68.95 0.48 0.00	79.76 0.40 0.00	70.03 0.00 0.00	65.27 0.07 0.00	57.22 0.17 0.00	52.95 0.05 0.00
BETHLEHEM___GS1 323560	43.12 1.25 0.00	39.65 1.23 0.00	38.99 1.21 0.00	38.48 1.16 0.00	39.46 1.11 0.00	44.65 1.34 0.00	54.76 0.76 0.00	68.19 0.23 -11.77	58.88 0.58 0.00	45.98 0.41 -0.45	41.26 0.50 -2.44	40.90 0.49 -2.43	38.00 0.39 -2.14	38.41 0.32 -2.20	38.45 0.37 -1.42	43.58 0.42 -1.33	47.62 0.46 -1.39	60.17 0.54 0.00	68.96 0.48 0.00	79.76 0.40 0.00	70.03 0.00 0.00	65.27 0.07 0.00	57.28 0.23 0.00	53.06 0.16 0.00
BETHLEHEM___GS2 323561	43.12 1.25 0.00	39.65 1.23 0.00	38.99 1.21 0.00	38.48 1.16 0.00	39.46 1.11 0.00	44.65 1.34 0.00	54.76 0.76 0.00	68.19 0.23 -11.77	58.88 0.58 0.00	45.98 0.41 -0.45	41.26 0.50 -2.44	40.90 0.49 -2.43	38.00 0.39 -2.14	38.41 0.32 -2.20	38.45 0.37 -1.42	43.58 0.42 -1.33	47.62 0.46 -1.39	60.17 0.54 0.00	68.96 0.48 0.00	79.76 0.40 0.00	70.03 0.00 0.00	65.27 0.07 0.00	57.28 0.23 0.00	53.06 0.16 0.00
BETHLEHEM___GS3 323562	43.12 1.25 0.00	39.65 1.23 0.00	38.99 1.21 0.00	38.48 1.16 0.00	39.46 1.11 0.00	44.65 1.34 0.00	54.76 0.76 0.00	68.19 0.23 -11.77	58.88 0.58 0.00	45.98 0.41 -0.45	41.26 0.50 -2.44	40.90 0.49 -2.43	38.00 0.39 -2.14	38.41 0.32 -2.20	38.45 0.37 -1.42	43.58 0.42 -1.33	47.62 0.46 -1.39	60.17 0.54 0.00	68.96 0.48 0.00	79.76 0.40 0.00	70.03 0.00 0.00	65.27 0.07 0.00	57.28 0.23 0.00	53.06 0.16 0.00
BETHLEHEM___STEEL 23779	37.63 -4.23 0.00	34.19 -4.23 0.00	33.74 -4.04 0.00	33.14 -4.18 0.00	34.02 -4.33 0.00	38.42 -4.85 0.04	37.22 -5.72 11.06	39.00 -5.62 11.57	44.41 -5.95 7.94	40.51 -4.60 0.01	34.38 -3.95 0.00	32.96 -3.95 1.06	31.92 -3.51 0.04	30.29 -3.27 2.32	30.21 -3.52 2.94	29.21 -4.18 8.44	31.85 -5.43 9.25	41.82 -5.43 12.39	52.86 -6.16 9.46	60.56 -7.30 11.50	62.52 -6.93 0.57	57.58 -6.65 0.97	51.63 -5.42 0.00	48.03 -4.87 0.00
BETHLHEM_115KV_TB1 79974	42.87 1.00 0.00	39.42 1.00 0.00	38.76 0.98 0.00	38.25 0.93 0.00	39.23 0.88 0.00	44.30 1.00 0.00	55.14 1.13 0.00	68.35 0.84 -11.32	59.35 1.05 0.00	46.33 0.77 -0.43	41.41 0.73 -2.36	41.08 0.76 -2.35	38.20 0.67 -2.06	38.65 0.65 -2.12	38.70 0.66 -1.37	43.87 0.75 -1.28	48.04 0.92 -1.35	60.89 1.25 0.00	69.78 1.30 0.00	80.87 1.51 0.00	71.01 0.98 0.00	66.12 0.91 0.00	57.91 0.86 0.00	53.59 0.69 0.00
BETHPAGE_CC_5 323564	44.29 2.43 0.00	40.57 2.15 0.00	39.82 2.04 0.00	39.11 1.79 0.00	40.15 1.80 0.00	45.55 2.25 0.00	57.19 3.19 0.00	95.57 1.85 -37.53	60.93 2.63 0.00	49.34 2.57 -1.64	49.64 2.42 -8.90	49.38 2.54 -8.86	45.60 2.34 -7.80	46.28 2.37 -8.03	44.44 2.60 -5.16	49.66 2.97 -4.85	54.10 3.48 -4.85	63.75 4.11 0.00	73.13 4.66 0.00	85.08 5.72 0.00	74.58 4.55 0.00	69.12 3.91 0.00	60.47 3.42 0.00	55.81 2.91 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	37.76 -4.10 0.00	34.31 -4.11 0.00	33.85 -3.93 0.00	33.25 -4.07 0.00	34.13 -4.22 0.00	38.81 -4.46 0.04	38.13 -5.24 10.63	40.02 -5.06 11.12	45.30 -5.36 7.63	40.83 -4.29 0.01	34.61 -3.72 0.00	33.39 -3.57 1.02	32.17 -3.26 0.04	30.71 -2.94 2.23	30.65 -3.19 2.83	29.96 -3.76 8.11	32.67 -4.21 8.89	42.96 -4.77 11.90	53.98 -5.41 9.09	61.88 -6.43 11.05	63.23 -6.23 0.56	58.19 -6.06 0.95	52.14 -4.91 0.00	48.40 -4.50 0.00
BINGHAMTON___COGEN 23790	41.48 -0.38 0.00	38.00 -0.42 0.00	37.36 -0.42 0.00	36.87 -0.45 0.00	37.89 -0.46 0.00	42.87 -0.43 0.00	53.84 -0.16 0.00	50.34 -0.17 5.68	58.07 -0.23 0.00	44.81 -0.32 0.00	38.02 -0.31 0.00	37.71 -0.27 0.00	35.22 -0.25 0.00	35.74 -0.14 0.00	36.49 -0.18 0.00	41.58 -0.25 0.00	45.55 -0.23 0.00	59.64 0.00 0.00	68.48 0.00 0.00	79.45 0.08 0.00	69.63 -0.28 0.12	64.68 -0.33 0.20	56.82 -0.23 0.00	52.69 -0.21 0.00

BIXINCNT_115KV_LOAD 355685	36.67 -5.19 0.00	33.39 -5.03 0.00	32.79 -4.99 0.00	32.24 -5.08 0.00	32.98 -5.37 0.00	37.99 -5.28 0.03	37.98 -6.37 9.65	39.92 -6.18 10.09	44.90 -6.47 6.93	39.79 -5.32 0.01	33.69 -4.64 0.00	32.80 -4.25 0.92	31.32 -4.11 0.03	30.12 -3.73 2.03	30.14 -3.96 2.56	30.04 -4.43 7.36	32.81 -4.90 8.07	43.58 -5.25 10.80	54.48 -5.75 8.25	63.06 -6.27 10.03	63.61 -5.88 0.54	58.62 -5.67 0.91	52.43 -4.62 0.00	48.62 -4.28 0.00
BLACK RIVER___HYD 24047	41.28 -0.59 0.00	37.80 -0.62 0.00	37.14 -0.64 0.00	36.68 -0.63 0.00	38.55 -0.42 -0.62	42.86 -0.48 -0.03	56.89 -0.05 -2.95	66.98 0.50 -10.28	57.83 -0.47 0.00	43.64 -1.49 0.00	36.56 -1.76 0.00	36.34 -1.63 0.00	33.80 -1.67 0.00	34.27 -1.61 0.00	35.13 -1.54 0.00	40.62 -1.21 0.00	44.86 -0.92 0.00	60.62 -0.71 -1.70	84.26 0.48 -15.30	97.65 1.59 -16.70	91.79 1.82 -19.95	76.86 1.95 -9.70	63.18 1.48 -4.65	56.15 1.22 -2.03
BLACKRVR_115KV_TB2 79977	41.28 -0.59 0.00	37.80 -0.61 0.00	37.14 -0.64 0.00	36.68 -0.63 0.00	38.55 -0.42 -0.62	42.86 -0.48 -0.03	56.89 -0.05 -2.95	67.03 0.56 -10.28	57.83 -0.47 0.00	43.64 -1.49 0.00	36.56 -1.76 0.00	36.34 -1.63 0.00	33.80 -1.67 0.00	34.27 -1.61 0.00	35.13 -1.54 0.00	40.62 -1.21 0.00	44.86 -0.92 0.00	60.62 -0.72 -1.70	84.26 0.48 -15.30	97.65 1.59 -16.70	91.80 1.82 -19.95	75.70 1.96 -8.54	62.63 1.48 -4.10	56.20 1.27 -2.03
BLDWN_LI_69_KV_BK4 356085	44.33 2.47 0.00	40.69 2.27 0.00	39.93 2.15 0.00	39.22 1.90 0.00	40.27 1.92 0.00	45.47 2.17 0.00	57.41 3.40 0.00	95.80 2.08 -37.53	61.27 2.97 0.00	49.52 2.75 -1.64	49.79 2.57 -8.90	49.49 2.66 -8.86	45.71 2.45 -7.80	46.39 2.48 -8.03	44.51 2.68 -5.16	49.78 3.10 -4.85	54.24 3.62 -4.85	63.93 4.29 0.00	73.41 4.93 0.00	85.32 5.95 0.00	74.86 4.83 0.00	69.31 4.11 0.00	60.64 3.59 0.00	55.76 2.86 0.00
BLISS_WT_PWR 323608	36.25 -5.61 0.00	33.08 -5.34 0.00	32.37 -5.40 0.00	31.83 -5.48 0.00	32.56 -5.79 0.00	37.51 -5.76 0.03	37.39 -6.97 9.65	39.30 -6.80 10.09	44.26 -7.11 6.93	39.29 -5.82 0.01	33.30 -5.02 0.00	32.42 -4.63 0.92	30.89 -4.54 0.03	29.73 -4.13 2.03	29.78 -4.33 2.56	29.62 -4.85 7.36	32.58 -5.13 8.07	43.17 -5.67 10.80	54.07 -6.16 8.25	62.75 -6.59 10.03	63.40 -6.09 0.54	58.42 -5.87 0.91	52.32 -4.73 0.00	48.67 -4.23 0.00
BLUESTONE___WT_PWR 323821	42.49 0.63 0.00	38.96 0.54 0.00	38.27 0.49 0.00	37.73 0.41 0.00	38.85 0.50 0.00	43.95 0.65 0.00	55.35 1.35 0.00	45.03 1.63 12.79	59.70 1.40 0.00	45.14 0.54 0.53	35.66 0.19 2.86	35.43 0.30 2.84	33.18 0.21 2.50	33.66 0.36 2.58	35.34 0.33 1.66	40.90 0.63 1.56	45.07 0.96 1.67	61.90 2.27 0.00	71.42 2.94 0.00	83.02 3.65 0.00	72.90 2.87 0.00	67.23 2.02 0.00	58.82 1.77 0.00	54.44 1.54 0.00
BLUE_CIRC_CHEM_DRP 24182	43.12 1.26 0.00	39.69 1.27 0.00	38.99 1.21 0.00	38.51 1.19 0.00	39.50 1.15 0.00	44.60 1.30 0.00	55.35 1.35 0.00	69.33 1.01 -12.13	59.41 1.11 0.00	46.24 0.68 -0.44	41.29 0.57 -2.39	40.96 0.61 -2.38	38.05 0.50 -2.09	38.50 0.47 -2.15	38.57 0.51 -1.39	43.76 0.63 -1.30	47.96 0.82 -1.36	60.95 1.31 0.00	69.98 1.51 0.00	81.11 1.75 0.00	71.29 1.26 0.00	66.38 1.17 0.00	58.19 1.14 0.00	53.91 1.01 0.00
BOC_GAS_DRP 24189	42.74 0.88 0.00	39.30 0.88 0.00	38.65 0.87 0.00	38.14 0.82 0.00	39.12 0.77 0.00	44.21 0.91 0.00	54.92 0.92 0.00	68.13 0.62 -11.32	59.18 0.87 0.00	46.24 0.68 -0.43	41.33 0.65 -2.36	41.00 0.68 -2.35	38.13 0.60 -2.06	38.58 0.57 -2.12	38.62 0.59 -1.37	43.79 0.67 -1.28	47.91 0.78 -1.35	60.65 1.01 0.00	69.50 1.03 0.00	80.48 1.11 0.00	70.73 0.70 0.00	65.86 0.65 0.00	57.68 0.63 0.00	53.38 0.48 0.00
BOONVILLE_115KV_TB1 79983	41.61 -0.25 0.00	38.15 -0.27 0.00	37.51 -0.26 0.00	37.06 -0.26 0.00	38.50 -0.19 -0.35	43.15 -0.17 -0.02	55.55 0.05 -1.49	61.73 0.34 -5.20	58.30 0.00 0.00	44.58 -0.54 0.00	37.63 -0.69 0.00	37.37 -0.61 0.00	34.83 -0.64 0.00	35.31 -0.57 0.00	36.12 -0.55 0.00	41.45 -0.38 0.00	45.55 -0.23 0.00	60.44 -0.06 -0.86	76.70 0.48 -7.74	88.77 0.95 -8.45	81.10 0.98 -10.09	70.64 1.11 -4.32	60.04 0.91 -2.07	54.72 0.79 -1.03
BORALEX_4TH_BRANCH 23824	43.45 1.59 0.00	39.99 1.58 0.00	39.25 1.47 0.00	38.77 1.46 0.00	39.65 1.30 0.00	45.04 1.73 0.00	55.95 1.94 0.00	69.77 1.57 -12.00	60.23 1.92 0.00	46.99 1.40 -0.46	42.07 1.23 -2.52	41.70 1.22 -2.51	38.70 1.03 -2.20	39.08 0.93 -2.27	39.12 0.99 -1.46	44.38 1.17 -1.37	48.61 1.42 -1.42	61.31 1.67 0.00	70.46 1.99 0.00	81.35 1.98 0.00	71.29 1.26 0.00	66.38 1.17 0.00	58.02 0.97 0.00	53.53 0.63 0.00
BOWLINE___1 23526	43.45 1.59 0.00	39.84 1.42 0.00	39.21 1.44 0.00	38.59 1.27 0.00	39.58 1.23 0.00	44.86 1.56 0.00	56.38 2.37 0.00	103.64 2.19 -45.26	60.81 2.51 0.00	49.36 2.17 -2.07	51.47 1.95 -11.20	51.10 1.97 -11.15	47.08 1.81 -9.81	47.88 1.90 -10.10	45.11 1.94 -6.50	50.15 2.22 -6.11	54.29 2.33 -6.18	62.74 3.10 0.00	71.90 3.42 0.00	83.25 3.89 0.00	72.83 2.80 0.00	67.68 2.48 0.00	59.16 2.11 0.00	54.70 1.80 0.00
BOWLINE___2 23595	43.45 1.59 0.00	39.84 1.42 0.00	39.21 1.44 0.00	38.59 1.27 0.00	39.58 1.23 0.00	44.86 1.56 0.00	56.38 2.37 0.00	103.58 2.19 -45.20	60.81 2.51 0.00	49.35 2.17 -2.06	51.44 1.95 -11.17	51.06 1.97 -11.11	47.05 1.81 -9.78	47.85 1.90 -10.07	45.09 1.94 -6.48	50.14 2.22 -6.09	54.27 2.33 -6.16	62.68 3.04 0.00	71.83 3.35 0.00	83.18 3.81 0.00	72.76 2.73 0.00	67.55 2.34 0.00	59.10 2.05 0.00	54.64 1.74 0.00
BRADY___115KV_TB2 356060	41.86 0.00 0.00	38.15 -0.27 0.00	37.55 -0.23 0.00	37.09 -0.22 0.00	41.99 0.08 -3.56	43.48 0.00 -0.17	68.33 -0.22 -14.55	106.80 -0.17 -50.77	57.43 -0.87 0.00	44.40 -0.72 0.00	37.48 -0.84 0.00	37.02 -0.95 0.00	34.58 -0.89 0.00	34.95 -0.93 0.00	35.86 -0.81 0.00	41.08 -0.75 0.00	44.72 -1.05 0.00	66.49 -1.55 -8.40	142.88 -1.16 -75.57	160.57 -1.27 -82.48	168.62 0.07 -98.52	107.91 0.52 -42.19	77.91 0.63 -20.23	63.02 1.27 -8.85
BRANSCOMB___SOLAR 323811	42.99 1.13 0.00	39.57 1.15 0.00	38.87 1.10 0.00	38.40 1.08 0.00	39.39 1.04 0.00	44.60 1.30 0.00	55.78 1.78 0.00	68.28 1.52 -10.57	59.88 1.57 0.00	46.48 0.95 -0.41	41.23 0.69 -2.22	40.87 0.68 -2.21	37.94 0.53 -1.94	38.28 0.40 -2.00	38.43 0.48 -1.29	43.75 0.71 -1.21	48.00 0.96 -1.26	61.37 1.73 0.00	70.67 2.19 0.00	82.22 2.85 0.00	72.20 2.17 0.00	67.10 1.89 0.00	58.65 1.60 0.00	54.17 1.27 0.00
BRDGHMPT_69_KV_BK1 55812	44.88 3.01 0.00	41.03 2.61 0.00	40.20 2.42 0.00	39.41 2.09 0.00	40.46 2.11 0.00	45.56 2.25 0.00	57.41 3.40 0.00	95.07 1.35 -37.53	60.69 2.39 0.00	48.89 2.12 -1.64	49.75 2.53 -8.90	49.34 2.51 -8.86	45.71 2.45 -7.80	46.24 2.33 -8.03	44.55 2.71 -5.16	49.53 2.84 -4.85	54.19 3.57 -4.85	63.99 4.35 0.00	73.20 4.72 0.00	85.64 6.27 0.00	75.21 5.18 0.00	69.44 4.24 0.00	60.93 3.88 0.00	55.55 2.65 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	44.79 2.93 0.00	40.99 2.57 0.00	40.23 2.46 0.00	39.52 2.20 0.00	40.58 2.22 0.00	45.86 2.55 0.00	57.84 3.83 0.00	96.08 2.36 -37.53	61.51 3.21 0.00	49.75 2.98 -1.64	50.06 2.84 -8.90	49.68 2.85 -8.86	45.95 2.70 -7.80	46.60 2.69 -8.03	44.77 2.93 -5.16	50.03 3.35 -4.85	54.61 3.98 -4.85	64.41 4.77 0.00	73.68 5.20 0.00	85.87 6.51 0.00	75.21 5.18 0.00	69.44 4.24 0.00	61.04 3.99 0.00	56.18 3.28 0.00
BRISTLHL_115KV_TB1 79998	41.02 -0.84 0.00	37.65 -0.77 0.00	36.98 -0.79 0.00	36.57 -0.75 0.00	37.62 -0.81 -0.08	42.40 -0.91 0.00	53.46 -0.92 -0.37	56.64 -0.84 -1.30	57.31 -0.99 0.00	44.27 -0.86 0.00	37.56 -0.77 0.00	37.21 -0.76 0.00	34.79 -0.67 0.00	35.20 -0.68 0.00	35.94 -0.73 0.00	40.99 -0.84 0.00	44.90 -0.87 0.00	58.96 -0.89 -0.21	69.38 -1.03 -1.93	80.36 -1.11 -2.11	71.49 -1.05 -2.52	65.24 -1.04 -1.08	56.65 -0.91 -0.52	52.26 -0.90 -0.26
BROOKHAVEN__DRP 24191	44.67 2.80 0.00	40.88 2.46 0.00	40.08 2.30 0.00	39.33 2.02 0.00	40.42 2.07 0.00	45.51 2.21 0.00	57.30 3.29 0.00	95.07 1.35 -37.53	60.63 2.33 0.00	48.98 2.21 -1.64	49.68 2.45 -8.90	49.30 2.47 -8.86	45.67 2.41 -7.80	46.24 2.33 -8.03	44.51 2.68 -5.16	49.49 2.80 -4.85	54.06 3.43 -4.85	63.81 4.17 0.00	72.99 4.52 0.00	85.24 5.87 0.00	74.93 4.90 0.00	69.18 3.98 0.00	60.70 3.65 0.00	55.49 2.59 0.00
BROOKLYN_NAVY_YARD 23515	43.87 2.01 0.00	40.19 1.77 0.00	39.52 1.74 0.00	38.88 1.57 0.00	39.89 1.54 0.00	45.30 1.99 0.00	56.97 2.97 0.00	96.65 2.86 -37.60	61.74 3.44 0.00	49.75 2.98 -1.65	49.81 2.57 -8.92	49.51 2.66 -8.88	45.69 2.41 -7.81	46.44 2.51 -8.04	44.37 2.53 -5.17	49.54 2.85 -4.86	53.70 3.07 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.66 3.45 0.00	60.01 2.96 0.00	55.44 2.54 0.00
BROOKLYN__ARMY_DRP 323595	44.33 2.47 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.30 1.98 0.00	40.27 1.92 0.00	45.51 2.21 0.00	57.35 3.35 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.86 2.59 -7.81	46.61 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.65 3.02 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.76 5.40 0.00	73.95 3.92 0.00	68.86 3.65 0.00	60.47 3.42 0.00	55.81 2.91 0.00
BROOME_2_LFGE 323671	41.48 -0.38 0.00	38.03 -0.38 0.00	37.36 -0.41 0.00	36.87 -0.45 0.00	37.89 -0.46 0.00	42.87 -0.43 0.00	53.84 -0.16 0.00	50.40 -0.11 5.68	58.07 -0.23 0.00	44.81 -0.31 0.00	38.01 -0.31 0.00	37.71 -0.26 0.00	35.22 -0.25 0.00	35.74 -0.14 0.00	36.49 -0.18 0.00	41.58 -0.25 0.00	45.59 -0.18 0.00	59.64 0.00 0.00	68.48 0.00 0.00	79.45 0.08 0.00	69.63 -0.28 0.12	64.68 -0.32 0.20	56.82 -0.23 0.00	52.74 -0.16 0.00
BROOME__LFGE 323600	41.48 -0.38 0.00	38.03 -0.38 0.00	37.36 -0.41 0.00	36.87 -0.45 0.00	37.89 -0.46 0.00	42.87 -0.43 0.00	53.84 -0.16 0.00	50.40 -0.11 5.68	58.07 -0.23 0.00	44.81 -0.31 0.00	38.01 -0.31 0.00	37.71 -0.26 0.00	35.22 -0.25 0.00	35.74 -0.14 0.00	36.49 -0.18 0.00	41.58 -0.25 0.00	45.59 -0.18 0.00	59.64 0.00 0.00	68.48 0.00 0.00	79.45 0.08 0.00	69.63 -0.28 0.12	64.68 -0.32 0.20	56.82 -0.23 0.00	52.74 -0.16 0.00
BROWNFLS_115KV_TB_3_5 80003	40.61 -1.26 0.00	37.07 -1.34 0.00	36.46 -1.32 0.00	36.01 -1.31 0.00	38.70 -1.27 -1.61	41.91 -1.47 -0.08	59.07 -1.67 -6.74	78.09 -1.63 -23.53	55.91 -2.39 0.00	42.78 -2.35 0.00	35.98 -2.34 0.00	35.77 -2.20 0.00	33.34 -2.13 0.00	33.73 -2.15 0.00	34.58 -2.09 0.00	39.78 -2.05 0.00	43.44 -2.33 0.00	60.61 -2.92 -3.89	100.96 -2.53 -35.02	115.20 -2.38 -38.22	114.42 -1.26 -45.65	84.43 -0.33 -19.55	66.14 -0.29 -9.37	57.60 0.05 -4.65
BROWNSV1_27_KV_LOAD 356125	44.21 2.34 0.00	40.49 2.07 0.00	39.86 2.08 0.00	39.18 1.87 0.00	40.19 1.84 0.00	45.56 2.25 0.00	57.46 3.46 0.00	97.16 3.37 -37.60	62.21 3.91 0.00	50.11 3.34 -1.65	50.12 2.87 -8.92	49.82 2.96 -8.88	45.97 2.70 -7.81	46.73 2.80 -8.04	44.67 2.82 -5.17	49.92 3.22 -4.86	54.07 3.43 -4.86	64.29 4.65 0.00	73.68 5.20 0.00	85.48 6.11 0.00	74.58 4.55 0.00	69.18 3.98 0.00	60.47 3.42 0.00	55.81 2.91 0.00
BURROWS__LYONSDAL 23803	41.28 -0.59 0.00	37.84 -0.58 0.00	37.17 -0.60 0.00	36.72 -0.60 0.00	38.31 -0.50 -0.45	42.76 -0.56 -0.02	55.53 -0.43 -1.96	62.92 -0.11 -6.85	57.72 -0.58 0.00	44.13 -0.99 0.00	37.17 -1.15 0.00	36.95 -1.03 0.00	34.44 -1.03 0.00	34.88 -1.00 0.00	35.68 -0.99 0.00	40.99 -0.84 0.00	45.09 -0.69 0.00	60.11 -0.66 -1.13	78.60 -0.07 -10.19	90.96 0.48 -11.12	83.94 0.63 -13.28	71.81 0.91 -5.69	60.46 0.68 -2.73	54.89 0.63 -1.35
CAITHNESS_CC_1 323624	44.62 2.76 0.00	40.80 2.38 0.00	40.04 2.27 0.00	39.29 1.98 0.00	40.34 1.99 0.00	45.95 2.64 0.00	57.24 3.24 0.00	95.13 1.41 -37.53	60.69 2.39 0.00	49.02 2.26 -1.64	49.68 2.45 -8.90	49.27 2.43 -8.86	45.64 2.38 -7.80	46.21 2.30 -8.03	44.47 2.64 -5.16	49.49 2.80 -4.85	54.06 3.43 -4.85	63.81 4.17 0.00	72.92 4.45 0.00	85.16 5.79 0.00	74.86 4.83 0.00	69.51 4.30 0.00	60.98 3.93 0.00	56.02 3.12 0.00
CALPINE BETH_PAGE_GT4 24209	44.29 2.43 0.00	40.57 2.15 0.00	39.86 2.08 0.00	39.15 1.83 0.00	40.19 1.84 0.00	45.25 1.95 0.00	57.14 3.13 0.00	95.58 1.85 -37.53	60.92 2.62 0.00	49.29 2.53 -1.64	49.64 2.41 -8.90	49.42 2.58 -8.86	45.67 2.41 -7.80	46.31 2.40 -8.03	44.47 2.64 -5.16	49.70 3.01 -4.85	54.15 3.52 -4.85	63.69 4.06 0.00	73.13 4.66 0.00	85.08 5.71 0.00	74.51 4.48 0.00	68.86 3.65 0.00	60.24 3.19 0.00	55.44 2.54 0.00
CALPINE_BETH_PAGE_GT_4 323586	44.33 2.47 0.00	40.57 2.15 0.00	39.85 2.08 0.00	39.15 1.83 0.00	40.19 1.84 0.00	45.51 2.21 0.00	57.13 3.13 0.00	95.57 1.85 -37.53	60.93 2.63 0.00	49.29 2.53 -1.64	49.64 2.42 -8.90	49.42 2.58 -8.86	45.64 2.38 -7.80	46.31 2.40 -8.03	44.47 2.64 -5.16	49.70 3.01 -4.85	54.15 3.52 -4.85	63.69 4.06 0.00	73.13 4.66 0.00	85.00 5.64 0.00	74.51 4.49 0.00	69.05 3.85 0.00	60.42 3.37 0.00	55.75 2.85 0.00
CALPINE_BP_GT1 23823	44.33 2.47 0.00	40.57 2.15 0.00	39.85 2.08 0.00	39.15 1.83 0.00	40.19 1.84 0.00	45.51 2.21 0.00	57.13 3.13 0.00	95.57 1.85 -37.53	60.93 2.63 0.00	49.29 2.53 -1.64	49.64 2.42 -8.90	49.42 2.58 -8.86	45.64 2.38 -7.80	46.31 2.40 -8.03	44.47 2.64 -5.16	49.70 3.01 -4.85	54.15 3.52 -4.85	63.69 4.06 0.00	73.13 4.66 0.00	85.00 5.64 0.00	74.51 4.49 0.00	69.05 3.85 0.00	60.42 3.37 0.00	55.75 2.85 0.00
CALSPAN__DRP 24200	37.63 -4.23 0.00	34.19 -4.23 0.00	33.74 -4.04 0.00	33.14 -4.18 0.00	34.02 -4.33 0.04	38.42 -4.85 11.06	37.22 -5.72 11.57	39.00 -5.62 11.57	44.41 -5.95 7.94	40.51 -4.60 0.01	34.38 -3.95 0.00	32.96 -3.95 1.06	31.92 -3.51 0.04	30.29 -3.27 2.32	30.21 -3.52 2.94	29.21 -4.18 8.44	31.85 -4.67 9.25	41.82 -5.43 12.39	52.86 -6.16 9.46	60.56 -7.30 11.50	62.52 -6.93 0.57	57.58 -6.65 0.97	51.63 -5.42 0.00	48.03 -4.87 0.00

CALVERTON__SOLAR 323806	44.75 2.89 0.00	40.91 2.50 0.00	40.12 2.34 0.00	39.37 2.05 0.00	40.46 2.11 0.00	46.08 2.77 0.00	57.35 3.35 0.00	95.07 1.35 -37.53	60.64 2.33 0.00	48.98 2.21 -1.64	49.71 2.49 -8.90	49.30 2.47 -8.86	45.67 2.41 -7.80	46.24 2.33 -8.03	44.51 2.68 -5.16	49.49 2.80 -4.85	54.10 3.48 -4.85	63.87 4.23 0.00	73.06 4.59 0.00	85.32 5.96 0.00	75.07 5.04 0.00	69.70 4.50 0.00	61.21 4.16 0.00	56.13 3.23 0.00
CANDIGU_WT_PWR 323617	38.68 -3.18 0.00	35.31 -3.11 0.00	34.68 -3.10 0.00	34.15 -3.17 0.00	35.05 -3.30 0.00	39.55 -3.59 0.16	2.00 -4.00 48.01	2.00 -3.99 50.20	19.29 -4.55 34.47	41.37 -3.70 0.05	35.06 -3.26 0.00	30.12 -3.27 4.59	32.29 -3.01 0.16	23.05 -2.76 10.07	20.95 -2.97 12.75	2.00 -3.22 36.61	2.00 -3.62 40.16	2.00 -3.88 53.76	23.26 -4.18 41.03	24.84 -4.61 49.92	64.21 -4.41 1.41	58.77 -4.04 2.39	53.80 -3.25 0.00	50.20 -2.70 0.00
CARR STREET_E_SYR 24060	41.40 -0.46 0.00	38.00 -0.42 0.00	37.33 -0.45 0.00	36.87 -0.45 0.00	37.96 -0.46 -0.07	42.79 -0.52 0.00	53.79 -0.43 -0.23	56.70 -0.28 -0.79	57.90 -0.41 0.00	44.76 -0.36 0.00	38.01 -0.31 0.00	37.63 -0.34 0.00	35.18 -0.28 0.00	35.63 -0.25 0.00	36.38 -0.29 0.00	41.45 -0.38 0.00	45.46 -0.32 0.00	59.35 -0.41 -0.13	69.10 -0.55 -1.17	80.09 -0.55 -1.28	70.92 -0.63 -1.53	65.29 -0.65 -0.74	56.84 -0.57 -0.36	52.53 -0.53 -0.16
CARTHAGE__PAPER 23857	40.90 -0.96 0.00	37.46 -0.96 0.00	36.80 -0.98 0.00	36.35 -0.97 0.00	38.27 -0.81 -0.73	42.47 -0.87 -0.04	56.61 -0.70 -3.31	67.47 -0.28 -11.56	57.14 -1.17 0.00	43.27 -1.85 0.00	36.29 -2.03 0.00	36.08 -1.90 0.00	33.58 -1.88 0.00	34.01 -1.87 0.00	34.87 -1.80 0.00	40.24 -1.59 0.00	44.36 -1.42 0.00	60.06 -1.49 -1.91	85.20 -0.48 -17.20	98.54 0.40 -18.77	93.30 0.84 -22.43	77.35 1.24 -10.91	63.14 0.86 -5.23	55.87 0.69 -2.28
CASSADAGA_WT_PWR 323784	36.08 -5.78 0.00	32.92 -5.49 0.00	32.37 -5.40 0.00	31.79 -5.52 0.00	32.64 -5.71 0.04	37.03 -6.24 10.45	36.26 -7.29 10.93	38.29 -6.97 7.50	43.45 -7.35 0.01	39.25 -5.87 0.00	33.23 -5.10 0.00	31.92 -5.05 1.00	30.89 -4.54 0.04	29.38 -4.31 2.19	29.34 -4.55 2.78	28.71 -5.15 7.97	31.63 -5.40 8.74	41.67 -6.26 11.70	52.97 -6.57 8.93	61.44 -7.06 10.87	63.16 -6.30 0.56	58.38 -5.87 0.96	52.37 -4.68 0.00	48.83 -4.07 0.00
CE_DUNWOOD__DRP 24194	43.70 1.84 0.00	40.11 1.69 0.00	39.44 1.66 0.00	38.85 1.53 0.00	39.81 1.46 0.00	45.08 1.78 0.00	56.76 2.75 0.00	96.90 2.58 -38.12	61.27 2.97 0.00	49.37 2.57 -1.67	49.66 2.26 -9.08	49.33 2.32 -9.03	45.54 2.13 -7.95	46.26 2.19 -8.19	44.17 2.24 -5.26	49.33 2.55 -4.95	53.52 2.79 -4.95	63.39 3.76 0.00	72.65 4.18 0.00	84.21 4.84 0.00	73.53 3.50 0.00	68.20 3.00 0.00	59.67 2.62 0.00	55.02 2.12 0.00
CE_MILLWOOD__DRP 24193	43.62 1.76 0.00	40.03 1.61 0.00	39.36 1.59 0.00	38.77 1.46 0.00	39.73 1.38 0.00	44.99 1.69 0.00	56.65 2.65 0.00	97.69 2.42 -39.09	61.16 2.86 0.00	49.29 2.44 -1.73	49.82 2.15 -9.35	49.49 2.20 -9.31	45.68 2.02 -8.19	46.40 2.08 -8.44	44.22 2.13 -5.43	49.36 2.43 -5.10	53.54 2.65 -5.11	63.21 3.58 0.00	72.45 3.97 0.00	83.97 4.60 0.00	73.39 3.36 0.00	68.07 2.87 0.00	59.56 2.51 0.00	54.91 2.01 0.00
CE_NYC2_DRP 24202	44.16 2.30 0.00	40.49 2.07 0.00	39.82 2.04 0.00	39.15 1.83 0.00	40.15 1.80 0.00	45.43 2.12 0.00	57.14 3.13 0.00	96.75 2.98 -37.58	61.80 3.50 0.00	49.84 3.07 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.58 2.66 -8.04	44.52 2.68 -5.17	49.62 2.93 -4.86	53.74 3.11 -4.86	63.81 4.17 0.00	73.13 4.66 0.00	84.76 5.40 0.00	73.95 3.92 0.00	68.73 3.52 0.00	60.19 3.14 0.00	55.60 2.70 0.00
CE_NYC_DRP 24195	43.95 2.09 0.00	40.30 1.88 0.00	39.63 1.85 0.00	39.00 1.68 0.00	40.00 1.65 0.00	45.30 1.99 0.00	57.14 3.13 0.00	96.77 2.98 -37.60	61.80 3.50 0.00	49.79 3.02 -1.65	49.89 2.64 -8.92	49.59 2.73 -8.88	45.76 2.48 -7.81	46.51 2.58 -8.05	44.45 2.60 -5.17	49.62 2.93 -4.86	53.79 3.16 -4.86	63.87 4.23 0.00	73.20 4.72 0.00	84.84 5.48 0.00	74.09 4.06 0.00	68.73 3.52 0.00	60.07 3.02 0.00	55.39 2.49 0.00
CHAFFEE__LFGE 323603	37.88 -3.98 0.00	34.50 -3.92 0.00	33.96 -3.81 0.00	33.36 -3.96 0.00	34.25 -4.10 0.00	38.68 -4.59 0.03	38.36 -5.24 10.40	40.26 -5.06 10.88	45.53 -5.30 7.47	40.83 -4.29 0.01	34.64 -3.68 0.00	33.33 -3.65 1.00	32.17 -3.26 0.03	30.72 -2.98 2.18	30.68 -3.23 2.77	30.09 -3.81 7.93	33.00 -4.07 8.70	43.16 -4.83 11.65	54.10 -5.48 8.89	62.12 -6.43 10.82	63.24 -6.23 0.56	58.20 -6.06 0.94	52.09 -4.96 0.00	48.51 -4.39 0.00
CHATEAUG_35_KV_LOAD 355732	40.90 -0.96 0.00	37.27 -1.15 0.00	36.68 -1.10 0.00	36.24 -1.08 0.00	37.64 -0.84 -0.13	42.31 -1.00 -0.01	53.01 -1.57 -0.57	56.49 -1.69 -1.99	56.26 -2.04 0.00	43.64 -1.49 0.00	36.90 -1.42 0.00	36.46 -1.52 0.00	34.01 -1.45 0.00	34.37 -1.51 0.00	35.28 -1.39 0.00	40.37 -1.46 0.00	44.04 -1.74 0.00	57.22 -2.74 -0.33	68.56 -2.88 -2.96	79.34 -3.25 -3.23	72.20 -1.68 -3.86	65.88 -0.98 -1.65	57.50 -0.34 -0.79	53.88 0.58 -0.39
CHATEAUG_WT_PWR 323614	40.82 -1.04 0.00	37.23 -1.19 0.00	36.61 -1.17 0.00	36.20 -1.12 0.00	37.32 -0.92 0.11	42.22 -1.08 0.01	51.96 -1.62 0.42	53.04 -1.68 1.47	56.32 -1.98 0.00	43.73 -1.40 0.00	37.02 -1.30 0.00	36.57 -1.40 0.00	34.12 -1.35 0.00	34.45 -1.44 0.00	35.31 -1.36 0.00	40.41 -1.42 0.00	44.04 -1.74 0.00	56.65 -2.74 0.24	63.28 -3.01 2.18	73.65 -3.33 2.38	65.22 -1.96 2.85	62.65 -1.17 1.39	55.70 -0.68 0.66	52.56 -0.05 0.29
CHAT_HIGH_FALL_HYD 323578	40.90 -0.96 0.00	37.27 -1.15 0.00	36.68 -1.10 0.00	36.24 -1.08 0.00	37.64 -0.84 -0.13	42.31 -1.00 -0.01	53.01 -1.57 -0.57	56.49 -1.69 -1.99	56.26 -2.04 0.00	43.64 -1.49 0.00	36.90 -1.42 0.00	36.46 -1.52 0.00	34.01 -1.45 0.00	34.37 -1.51 0.00	35.28 -1.39 0.00	40.37 -1.46 0.00	44.04 -1.74 0.00	57.22 -2.74 -0.33	68.56 -2.88 -2.96	79.34 -3.25 -3.23	72.20 -1.68 -3.86	65.88 -0.98 -1.65	57.50 -0.34 -0.79	53.88 0.58 -0.39
CHAUTAUQUA__LFGE 323629	37.17 -4.69 0.00	33.92 -4.49 0.00	33.36 -4.42 0.00	32.76 -4.55 0.00	33.63 -4.72 0.04	37.98 -5.28 10.97	36.83 -6.21 11.47	38.65 -6.07 7.88	44.01 -6.41 0.01	40.10 -5.01 0.00	33.99 -4.33 1.05	32.56 -4.37 0.04	31.56 -3.86 0.04	29.92 -3.66 2.30	29.87 -3.89 2.91	28.95 -4.52 8.37	31.79 -4.81 9.18	41.69 -5.67 12.28	52.94 -6.16 9.38	60.98 -6.98 11.41	63.01 -6.44 0.58	58.09 -6.13 0.98	52.09 -4.96 0.00	48.67 -4.23 0.00
CHERRYST_13_KV_LD 356241	44.04 2.18 0.00	40.38 1.96 0.00	39.74 1.96 0.00	39.07 1.75 0.00	40.08 1.73 0.00	45.43 2.12 0.00	57.30 3.29 0.00	96.99 3.20 -37.60	62.03 3.73 0.00	49.97 3.20 -1.65	50.04 2.80 -8.92	49.70 2.85 -8.88	45.90 2.62 -7.81	46.65 2.73 -8.05	44.59 2.75 -5.17	49.79 3.10 -4.86	53.98 3.34 -4.86	64.11 4.47 0.00	73.41 4.93 0.00	85.16 5.79 0.00	74.30 4.27 0.00	68.92 3.72 0.00	60.24 3.19 0.00	55.55 2.65 0.00

CHESTROR_138KV_BK263 355645	43.16 1.30 0.00	39.61 1.19 0.00	38.99 1.21 0.00	38.40 1.08 0.00	39.39 1.04 0.00	44.56 1.26 0.00	56.00 2.00 0.00	181.29 1.85 -123.25	60.34 2.04 0.00	56.13 1.71 -9.29	90.17 1.49 -50.36	89.66 1.56 -50.13	80.95 1.38 -44.11	82.77 1.47 -45.42	67.38 1.50 -29.21	71.05 1.76 -27.46	76.37 1.88 -28.72	62.20 2.56 0.00	71.42 2.94 0.00	82.78 3.41 0.00	72.41 2.38 0.00	67.23 2.02 0.00	58.82 1.77 0.00	54.28 1.38 0.00
CH_MIDHUDSON__DRP 24192	43.54 1.67 0.00	39.96 1.54 0.00	39.33 1.55 0.00	38.74 1.42 0.00	39.73 1.38 0.00	44.95 1.65 0.00	56.49 2.48 0.00	88.58 2.30 -30.09	60.92 2.62 0.00	48.05 2.12 -0.80	44.59 1.92 -4.35	44.25 1.94 -4.33	40.98 1.70 -3.81	41.60 1.79 -3.93	41.07 1.87 -2.53	46.34 2.13 -2.37	50.43 2.38 -2.28	62.92 3.28 0.00	72.24 3.77 0.00	83.73 4.37 0.00	73.25 3.22 0.00	67.94 2.74 0.00	59.50 2.45 0.00	54.86 1.96 0.00
CH_MISC_IPPS 23765	43.70 1.84 0.00	40.07 1.65 0.00	39.44 1.66 0.00	38.88 1.57 0.00	39.85 1.49 0.00	45.17 1.86 0.00	56.76 2.75 0.00	92.85 2.59 -34.07	61.16 2.86 0.00	48.04 2.26 -0.66	43.89 1.99 -3.58	43.51 1.97 -3.56	40.34 1.74 -3.14	40.94 1.83 -3.23	40.65 1.91 -2.08	46.00 2.22 -1.95	50.14 2.52 -1.85	63.21 3.58 0.00	72.58 4.11 0.00	84.21 4.84 0.00	73.67 3.64 0.00	68.40 3.19 0.00	59.84 2.79 0.00	55.28 2.38 0.00
CH_RES_BVR_FALLS 23983	41.61 -0.25 0.00	38.11 -0.31 0.00	37.52 -0.26 0.00	37.06 -0.26 0.00	38.03 -0.23 0.09	43.04 -0.26 0.00	53.27 -0.38 0.36	54.48 -0.45 1.26	57.78 -0.53 0.00	44.76 -0.36 0.00	37.98 -0.35 0.00	37.59 -0.38 0.00	35.11 -0.35 0.00	35.49 -0.39 0.00	36.30 -0.37 0.00	41.45 -0.38 0.00	45.32 -0.46 0.00	58.71 -0.71 0.21	65.85 -0.75 1.88	76.45 -0.87 2.05	67.09 -0.49 2.45	63.69 -0.32 1.19	56.25 -0.23 0.57	52.55 -0.11 0.25
CH_RES_NIAGARA 23895	37.11 -4.73 0.02	33.65 -4.76 0.00	33.21 -4.57 0.00	32.69 -4.63 0.00	33.52 -4.83 0.00	37.37 -5.89 0.05	38.45 -6.91 8.64	40.02 -7.14 9.04	44.63 -7.46 6.20	39.46 -5.64 0.03	33.59 -4.71 0.02	32.24 -4.90 0.83	31.16 -4.26 0.05	29.91 -4.16 1.81	30.05 -4.33 2.29	30.05 -5.19 6.59	32.78 -5.77 7.23	42.92 -7.04 9.68	52.87 -8.22 7.39	60.54 -9.84 8.99	60.31 -9.17 0.54	55.56 -8.74 0.90	49.90 -7.13 0.02	46.69 -6.19 0.02
CH_RES_SYRACUSE 23985	41.65 -0.21 0.00	38.23 -0.19 0.00	37.55 -0.23 0.00	37.10 -0.22 0.00	38.18 -0.23 -0.06	43.05 -0.26 0.00	53.90 -0.11 0.00	56.25 0.06 0.00	58.24 -0.06 0.00	44.99 -0.13 0.00	38.17 -0.15 0.00	37.79 -0.19 0.00	35.36 -0.11 0.00	35.77 -0.11 0.00	36.52 -0.15 0.00	41.66 -0.17 0.00	45.64 -0.14 0.00	59.70 0.06 0.00	68.54 0.07 0.00	79.45 0.08 0.00	69.96 -0.07 0.00	65.83 -0.07 -0.70	57.33 -0.06 -0.33	52.99 -0.05 -0.15
CLINTON_WT_PWR 323605	40.82 -1.04 0.00	37.23 -1.19 0.00	36.61 -1.17 0.00	36.20 -1.12 0.00	37.32 -0.92 0.11	42.22 -1.08 0.01	51.96 -1.62 0.42	53.04 -1.68 1.47	56.32 -1.98 0.00	43.73 -1.40 0.00	37.02 -1.30 0.00	36.57 -1.40 0.00	34.12 -1.35 0.00	34.45 -1.44 0.00	35.31 -1.36 0.00	40.41 -1.42 0.00	44.04 -1.74 0.00	56.65 -2.74 0.24	63.28 -3.01 2.18	73.65 -3.33 2.38	65.22 -1.96 2.85	62.65 -1.17 1.39	55.70 -0.68 0.66	52.56 -0.05 0.29
CLINTON__LFGE 323618	41.82 -0.04 0.00	38.00 -0.42 0.00	37.36 -0.41 0.00	36.91 -0.41 0.00	38.31 -0.04 0.00	43.22 -0.09 0.00	53.68 -0.32 0.00	55.86 -0.34 0.00	57.60 -0.70 0.00	44.63 -0.50 0.00	37.71 -0.61 0.00	37.18 -0.80 0.00	34.72 -0.75 0.00	35.06 -0.82 0.00	36.01 -0.66 0.00	41.25 -0.59 0.00	44.95 -0.82 0.00	57.79 -1.85 0.00	66.22 -2.26 0.00	76.91 -2.46 0.00	68.98 -1.05 0.00	64.88 -0.32 0.00	57.11 0.06 0.00	53.90 1.00 0.00
COBBLENY_34_KV_TB1 80064	37.84 -4.02 0.00	34.42 -4.00 0.00	33.96 -3.82 0.00	33.36 -3.96 0.00	34.25 -4.10 0.00	38.72 -4.55 0.03	38.36 -5.24 10.40	40.26 -5.06 10.88	45.47 -5.36 7.47	40.87 -4.24 0.01	34.64 -3.68 0.00	33.33 -3.65 1.00	32.20 -3.23 0.03	30.72 -2.98 2.18	30.68 -3.23 2.77	30.05 -3.85 7.93	32.82 -4.26 8.70	43.10 -4.89 11.65	54.04 -5.55 8.89	62.04 -6.51 10.82	63.17 -6.30 0.56	58.13 -6.13 0.94	52.09 -4.96 0.00	48.35 -4.55 0.00
COFFEEN__115KV_TB3 355620	41.36 -0.50 0.00	37.88 -0.54 0.00	37.25 -0.53 0.00	36.80 -0.52 0.00	38.64 -0.31 -0.60	42.99 -0.35 -0.03	56.99 0.11 -2.88	67.03 0.79 -10.05	58.01 -0.29 0.00	43.68 -1.44 0.00	36.56 -1.76 0.00	36.34 -1.63 0.00	33.80 -1.67 0.00	34.27 -1.61 0.00	35.13 -1.54 0.00	40.66 -1.17 0.00	44.90 -0.87 0.00	60.76 -0.54 0.00	84.19 0.75 -14.96	97.68 1.98 -16.33	91.71 2.17 -19.51	75.84 2.28 -8.35	62.77 1.71 -4.01	56.32 1.43 -1.99
COLDSPRG_115KV_BK1 355956	37.63 -4.23 0.00	34.27 -4.15 0.00	33.85 -3.93 0.00	33.21 -4.10 0.00	34.13 -4.22 0.03	39.11 -4.16 0.03	39.73 -4.64 9.63	41.85 -4.27 10.07	46.89 -4.49 6.92	41.28 -3.84 0.01	34.87 -3.45 0.00	33.79 -3.27 0.92	32.45 -2.98 0.03	31.24 -2.62 2.02	31.18 -2.86 2.56	31.18 -3.30 7.35	34.10 -3.62 8.06	44.97 -3.88 10.79	56.13 -4.11 8.23	64.83 -4.52 10.02	65.00 -4.48 0.54	59.85 -4.43 0.92	53.51 -3.54 0.00	49.46 -3.44 0.00
COLONIE_LFGE__ 323577	43.03 1.17 0.00	39.61 1.19 0.00	38.91 1.13 0.00	38.40 1.08 0.00	39.39 1.04 0.00	44.60 1.30 0.00	55.46 1.46 0.00	68.53 1.12 -11.22	59.64 1.34 0.00	46.51 0.95 -0.43	41.51 0.84 -2.35	41.15 0.83 -2.34	38.23 0.71 -2.06	38.61 0.61 -2.12	38.69 0.66 -1.36	43.95 0.84 -1.28	48.11 1.01 -1.33	61.07 1.43 0.00	70.12 1.64 0.00	81.19 1.83 0.00	71.29 1.26 0.00	66.38 1.17 0.00	58.08 1.03 0.00	53.69 0.79 0.00
COOPERNY_115KV_TB1 80082	42.82 0.96 0.00	39.30 0.88 0.00	38.68 0.91 0.00	38.14 0.82 0.00	39.12 0.77 0.00	44.21 0.91 0.00	55.52 1.51 0.00	21.50 1.46 36.15	59.82 1.52 0.00	44.93 1.26 1.46	31.54 1.11 7.89	31.29 1.18 7.86	29.61 1.06 6.91	29.87 1.11 7.12	33.23 1.14 4.58	38.87 1.34 4.30	42.58 1.42 4.61	61.60 1.97 0.00	70.67 2.19 0.00	81.91 2.54 0.00	71.78 1.75 0.00	66.70 1.50 0.00	58.36 1.31 0.00	53.91 1.01 0.00
COPENHAGEN_WT_PWR 323753	41.19 -0.67 0.00	37.77 -0.65 0.00	37.10 -0.68 0.00	36.65 -0.67 0.00	38.42 -0.50 -0.57	42.81 -0.52 -0.03	56.55 -0.22 -2.77	66.18 0.34 -9.65	57.78 -0.53 0.00	43.64 -1.49 0.00	36.56 -1.76 0.00	36.34 -1.63 0.00	33.80 -1.67 0.00	34.30 -1.58 0.00	35.13 -1.54 0.00	40.62 -1.21 0.00	44.81 -0.96 0.00	60.46 -0.78 -1.60	83.12 0.28 -14.37	96.40 1.35 -15.68	90.30 1.54 -18.73	76.01 1.69 -9.11	62.67 1.25 -4.37	55.81 1.00 -1.91
CORNELL____ 23752	42.20 0.33 0.00	38.65 0.23 0.00	37.97 0.19 0.00	37.50 0.19 0.00	38.54 0.19 0.00	43.62 0.30 -0.01	58.26 0.81 -3.45	56.72 1.01 0.48	61.47 0.70 -2.47	45.35 0.23 0.00	38.28 -0.04 0.00	38.23 -0.08 -0.33	35.44 -0.04 -0.01	36.64 0.04 -0.72	37.59 0.00 -0.92	44.54 0.08 -2.63	48.89 0.23 -2.88	64.39 0.89 -3.86	72.72 1.30 -2.95	84.70 1.75 -3.58	71.41 1.26 -0.12	66.51 1.11 -0.20	58.02 0.97 0.00	53.69 0.79 0.00

CORONA_69_KV_TB1 355595	44.25 2.39 0.00	40.57 2.15 0.00	39.86 2.08 0.00	39.15 1.83 0.00	40.19 1.84 0.00	45.43 2.12 0.00	57.35 3.35 0.00	95.97 2.25 -37.53	61.33 3.03 0.00	49.56 2.80 -1.64	49.79 2.57 -8.90	49.45 2.62 -8.86	45.71 2.45 -7.80	46.39 2.48 -8.03	44.47 2.64 -5.16	49.70 3.01 -4.85	54.15 3.52 -4.85	64.05 4.41 0.00	73.54 5.07 0.00	85.32 5.95 0.00	74.79 4.76 0.00	69.18 3.98 0.00	60.47 3.42 0.00	55.65 2.75 0.00
CORTLAND_115KV_TB3 80093	41.95 0.08 0.00	38.42 0.00 0.00	37.78 0.00 0.00	37.32 0.00 0.00	38.41 0.00 -0.06	43.35 0.04 0.00	54.44 0.43 0.00	56.75 0.56 0.00	58.65 0.35 0.00	45.21 0.09 0.00	38.25 -0.08 0.00	37.90 -0.08 0.00	35.43 -0.04 0.00	35.92 0.04 0.00	36.67 0.00 0.00	41.87 0.04 0.00	45.91 0.14 0.00	60.17 0.54 0.00	69.23 0.75 0.00	80.40 1.03 0.00	70.66 0.63 0.00	65.73 0.52 0.00	57.51 0.46 0.00	53.42 0.37 -0.15
COXSACKIE___GT 23611	44.12 2.26 0.00	40.53 2.11 0.00	39.89 2.11 0.00	39.44 2.13 0.00	40.42 2.07 0.00	45.77 2.47 0.00	56.76 2.75 0.00	72.71 2.36 -14.16	60.46 2.16 0.00	46.56 0.99 -0.45	41.43 0.69 -2.41	40.91 0.53 -2.40	37.93 0.35 -2.11	38.42 0.36 -2.18	38.51 0.44 -1.40	43.86 0.71 -1.32	48.27 1.14 -1.35	61.96 2.32 0.00	71.76 3.29 0.00	83.57 4.20 0.00	73.39 3.36 0.00	68.21 3.00 0.00	59.79 2.74 0.00	55.44 2.54 0.00
CPV_VALLEY___CC1 323721	42.91 1.05 0.00	39.34 0.92 0.00	38.76 0.98 0.00	38.18 0.86 0.00	39.16 0.81 0.00	44.34 1.04 0.00	55.62 1.62 0.00	17.68 1.52 40.03	59.88 1.57 0.00	44.63 1.35 1.85	29.55 1.23 10.00	29.31 1.29 9.95	27.87 1.17 8.76	28.08 1.22 9.02	32.15 1.28 5.80	37.84 1.46 5.45	41.43 1.51 5.86	61.72 2.09 0.00	70.80 2.33 0.00	81.98 2.62 0.00	71.85 1.82 0.00	66.77 1.56 0.00	58.42 1.37 0.00	53.96 1.06 0.00
CPV_VALLEY___CC2 323722	42.91 1.05 0.00	39.34 0.92 0.00	38.76 0.98 0.00	38.18 0.86 0.00	39.16 0.81 0.00	44.34 1.04 0.00	55.62 1.62 40.03	17.68 1.52 40.03	59.88 1.57 0.00	44.63 1.35 1.85	29.55 1.23 10.00	29.31 1.29 9.95	27.87 1.17 8.76	28.08 1.22 9.02	32.15 1.28 5.80	37.84 1.46 5.45	41.43 1.51 5.86	61.72 2.09 0.00	70.80 2.33 0.00	81.98 2.62 0.00	71.85 1.82 0.00	66.77 1.56 0.00	58.42 1.37 0.00	53.96 1.06 0.00
CRESCENT___HYD 24018	43.03 1.17 0.00	39.61 1.19 0.00	38.91 1.13 0.00	38.40 1.08 0.00	39.39 1.04 0.00	44.60 1.30 0.00	55.46 1.46 0.00	68.53 1.12 -11.22	59.64 1.34 0.00	46.51 0.95 -0.43	41.51 0.84 -2.35	41.15 0.83 -2.34	38.23 0.71 -2.06	38.61 0.61 -2.12	38.69 0.66 -1.36	43.95 0.84 -1.28	48.11 1.01 -1.33	61.07 1.43 0.00	70.12 1.64 0.00	81.19 1.83 0.00	71.29 1.26 0.00	66.38 1.17 0.00	58.08 1.03 0.00	53.69 0.79 0.00
CRICKET___VALLEY_CC1 323756	43.33 1.46 0.00	39.76 1.34 0.00	39.10 1.32 0.00	38.51 1.19 0.00	39.46 1.11 0.00	44.78 1.47 0.00	56.17 2.16 0.00	84.66 1.85 -26.62	60.57 2.27 0.00	48.14 1.94 -1.07	45.94 1.80 -5.81	45.58 1.82 -5.79	42.19 1.63 -5.09	42.81 1.69 -5.24	41.80 1.76 -3.37	46.97 1.97 -3.17	50.92 2.11 -3.04	62.50 2.86 0.00	71.56 3.08 0.00	82.85 3.49 0.00	72.54 2.52 0.00	67.35 2.15 0.00	58.99 1.94 0.00	54.49 1.59 0.00
CRICKET___VALLEY_CC2 323757	43.33 1.46 0.00	39.76 1.34 0.00	39.10 1.32 0.00	38.51 1.19 0.00	39.46 1.11 0.00	44.78 1.47 0.00	56.17 2.16 0.00	84.66 1.85 -26.62	60.57 2.27 0.00	48.14 1.94 -1.07	45.94 1.80 -5.81	45.58 1.82 -5.79	42.19 1.63 -5.09	42.81 1.69 -5.24	41.80 1.76 -3.37	46.97 1.97 -3.17	50.92 2.11 -3.04	62.50 2.86 0.00	71.56 3.08 0.00	82.85 3.49 0.00	72.54 2.52 0.00	67.35 2.15 0.00	58.99 1.94 0.00	54.49 1.59 0.00
CRICKET___VALLEY_CC3 323758	43.33 1.46 0.00	39.76 1.34 0.00	39.10 1.32 0.00	38.51 1.19 0.00	39.46 1.11 0.00	44.78 1.47 0.00	56.17 2.16 0.00	84.66 1.85 -26.62	60.57 2.27 0.00	48.14 1.94 -1.07	45.94 1.80 -5.81	45.58 1.82 -5.79	42.19 1.63 -5.09	42.81 1.69 -5.24	41.80 1.76 -3.37	46.97 1.97 -3.17	50.92 2.11 -3.04	62.50 2.86 0.00	71.56 3.08 0.00	82.85 3.49 0.00	72.54 2.52 0.00	67.35 2.15 0.00	58.99 1.94 0.00	54.49 1.59 0.00
CRUCIBLE_METL_DRP 24180	41.65 -0.21 0.00	38.19 -0.23 0.00	37.55 -0.23 0.00	37.09 -0.22 0.00	38.18 -0.23 -0.06	43.05 -0.26 0.00	53.90 -0.11 0.00	56.25 0.06 0.00	58.24 -0.06 0.00	44.99 -0.14 0.00	38.17 -0.15 0.00	37.78 -0.19 0.00	35.36 -0.11 0.00	35.77 -0.11 0.00	36.52 -0.15 0.00	41.66 -0.17 0.00	45.64 -0.14 0.00	59.70 0.06 0.00	68.48 0.00 0.00	79.45 0.08 0.00	69.96 -0.07 0.00	65.14 -0.07 0.00	56.99 -0.06 0.00	52.94 -0.11 -0.15
DAHOWA___HYDRO 323763	42.95 1.09 0.00	39.53 1.11 0.00	38.83 1.06 0.00	38.36 1.04 0.00	39.35 1.00 0.00	44.60 1.30 0.00	55.78 1.78 0.00	68.23 1.57 -10.46	59.88 1.57 0.00	46.48 0.95 -0.40	41.17 0.65 -2.19	40.80 0.64 -2.18	37.88 0.50 -1.92	38.22 0.36 -1.98	38.35 0.40 -1.27	43.69 0.67 -1.20	47.99 0.96 -1.25	61.42 1.79 0.00	70.80 2.33 0.00	82.38 3.02 0.00	72.41 2.38 0.00	67.23 2.02 0.00	58.71 1.66 0.00	54.27 1.37 0.00
DANC___LFGE 323619	41.02 -0.84 0.00	37.61 -0.81 0.00	36.98 -0.80 0.00	36.53 -0.79 0.00	38.04 -0.69 -0.38	42.54 -0.78 -0.02	55.55 -0.59 -2.14	63.48 -0.17 -7.45	57.37 -0.94 0.00	43.59 -1.53 0.00	36.64 -1.69 0.00	36.38 -1.59 0.00	33.87 -1.60 0.00	34.34 -1.54 0.00	35.13 -1.54 0.00	40.49 -1.34 0.00	44.63 -1.14 0.00	59.80 -1.07 -1.23	79.23 -0.34 -11.09	91.87 0.40 -12.11	85.12 0.63 -14.46	72.96 0.72 -7.03	60.88 0.45 -3.37	54.64 0.27 -1.47
DANSKAMMER___1 23586	43.70 1.84 0.00	40.07 1.65 0.00	39.44 1.66 0.00	38.88 1.57 0.00	39.85 1.49 0.00	45.17 1.86 0.00	56.76 2.75 0.00	92.85 2.59 -34.07	61.16 2.86 0.00	48.04 2.26 -0.66	43.89 1.99 -3.58	43.51 1.97 -3.56	40.34 1.74 -3.14	40.94 1.83 -3.23	40.65 1.91 -2.08	46.00 2.22 -1.95	50.14 2.52 -1.85	63.21 3.58 0.00	72.58 4.11 0.00	84.21 4.84 0.00	73.67 3.64 0.00	68.40 3.19 0.00	59.84 2.79 0.00	55.28 2.38 0.00
DANSKAMMER___2 23589	43.70 1.84 0.00	40.07 1.65 0.00	39.44 1.66 0.00	38.88 1.57 0.00	39.85 1.49 0.00	45.17 1.86 0.00	56.76 2.75 0.00	92.85 2.59 -34.07	61.16 2.86 0.00	48.04 2.26 -0.66	43.89 1.99 -3.58	43.51 1.97 -3.56	40.34 1.74 -3.14	40.94 1.83 -3.23	40.65 1.91 -2.08	46.00 2.22 -1.95	50.14 2.52 -1.85	63.21 3.58 0.00	72.58 4.11 0.00	84.21 4.84 0.00	73.67 3.64 0.00	68.40 3.19 0.00	59.84 2.79 0.00	55.28 2.38 0.00
DANSKAMMER___3 23590	43.70 1.84 0.00	40.07 1.65 0.00	39.44 1.66 0.00	38.88 1.57 0.00	39.85 1.49 0.00	45.17 1.86 0.00	56.76 2.75 0.00	92.85 2.59 -34.07	61.16 2.86 0.00	48.04 2.26 -0.66	43.89 1.99 -3.58	43.51 1.97 -3.56	40.34 1.74 -3.14	40.94 1.83 -3.23	40.65 1.91 -2.08	46.00 2.22 -1.95	50.14 2.52 -1.85	63.21 3.58 0.00	72.58 4.11 0.00	84.21 4.84 0.00	73.67 3.64 0.00	68.40 3.19 0.00	59.84 2.79 0.00	55.28 2.38 0.00

DANSKAMMER___4 23591	43.70 1.84 0.00	40.07 1.65 0.00	39.44 1.66 0.00	38.88 1.57 0.00	39.85 1.49 0.00	45.17 1.86 0.00	56.76 2.75 0.00	92.85 2.59 -34.07	61.16 2.86 0.00	48.04 2.26 -0.66	43.89 1.99 -3.58	43.51 1.97 -3.56	40.34 1.74 -3.14	40.94 1.83 -3.23	40.65 1.91 -2.08	46.00 2.22 -1.95	50.14 2.52 -1.85	63.21 3.58 0.00	72.58 4.11 0.00	84.21 4.84 0.00	73.67 3.64 0.00	68.40 3.19 0.00	59.84 2.79 0.00	55.28 2.38 0.00
DANSKAMMER___DIESEL 23592	43.70 1.84 0.00	40.07 1.65 0.00	39.44 1.66 0.00	38.89 1.57 0.00	39.85 1.50 0.00	45.08 1.78 0.00	56.76 2.75 0.00	92.91 2.64 -34.07	61.16 2.86 0.00	48.04 2.26 -0.66	43.90 1.99 -3.58	43.51 1.97 -3.56	40.34 1.74 -3.14	40.94 1.83 -3.23	40.65 1.91 -2.08	46.00 2.22 -1.95	50.14 2.52 -1.85	63.21 3.58 0.00	72.58 4.11 0.00	84.21 4.84 0.00	73.67 3.64 0.00	68.33 3.13 0.00	59.85 2.80 0.00	55.17 2.27 0.00
DARBY___SOLAR 323810	42.95 1.09 0.00	39.53 1.11 0.00	38.83 1.06 0.00	38.36 1.04 0.00	39.35 1.00 0.00	44.60 1.30 0.00	55.73 1.73 0.00	68.28 1.52 -10.57	59.81 1.51 0.00	46.44 0.90 -0.41	41.19 0.65 -2.22	40.83 0.64 -2.21	37.90 0.50 -1.94	38.24 0.36 -2.00	38.40 0.44 -1.29	43.71 0.67 -1.21	48.00 0.96 -1.26	61.37 1.73 0.00	70.67 2.19 0.00	82.22 2.85 0.00	72.20 2.17 0.00	67.03 1.82 0.00	58.59 1.54 0.00	54.17 1.27 0.00
DASHVILLE___HYD 23610	43.33 1.47 0.00	39.76 1.34 0.00	39.14 1.36 0.00	38.55 1.23 0.00	39.54 1.19 0.00	44.69 1.39 0.00	56.16 2.16 0.00	80.89 1.97 -22.73	60.40 2.10 0.00	47.24 1.67 -0.45	42.21 1.46 -2.43	41.88 1.48 -2.42	38.87 1.28 -2.13	39.44 1.36 -2.20	39.51 1.43 -1.41	44.79 1.63 -1.33	48.98 1.92 -1.28	62.44 2.80 0.00	71.69 3.22 0.00	83.18 3.81 0.00	72.76 2.73 0.00	67.55 2.35 0.00	59.22 2.17 0.00	54.65 1.75 0.00
DELAWARE___LFGE 323621	42.49 0.63 0.00	39.07 0.65 0.00	38.42 0.64 0.00	37.91 0.60 0.00	38.96 0.61 0.00	44.00 0.69 0.00	55.19 1.19 0.00	49.98 1.24 7.45	59.58 1.28 0.00	45.60 0.77 0.30	37.26 0.54 1.60	37.06 0.68 1.60	34.66 0.60 1.40	35.12 0.68 1.45	36.44 0.70 0.93	41.79 0.84 0.87	45.85 1.01 0.93	61.13 1.49 0.00	70.19 1.71 0.00	81.43 2.06 0.00	71.50 1.47 0.00	66.51 1.30 0.00	58.25 1.20 0.00	53.91 1.01 0.00
DERFIELD_115KV_TB7 355931	41.86 0.00 0.00	38.46 0.04 0.00	37.82 0.04 0.00	37.36 0.04 0.00	38.41 0.00 -0.06	43.31 0.00 0.00	54.33 0.05 -0.27	57.13 0.00 -0.94	58.30 0.00 0.00	45.08 -0.05 0.00	38.28 -0.04 0.00	37.97 0.00 0.00	35.46 0.00 0.00	35.88 0.00 0.00	36.67 0.00 0.00	41.83 0.00 0.00	45.82 0.05 0.00	59.91 0.12 -0.16	70.01 0.14 -1.40	81.05 0.16 -1.52	71.92 0.07 -1.82	65.98 0.00 -0.78	57.48 0.06 -0.37	53.09 0.00 -0.19
DOGLEVILLE___HYD 23807	41.11 -0.75 0.00	37.73 -0.69 0.00	37.10 -0.68 0.00	36.65 -0.67 0.00	37.72 -0.69 -0.06	42.48 -0.82 0.00	53.25 -1.03 -0.27	56.06 -1.07 -0.94	57.14 -1.17 0.00	44.04 -1.08 0.00	37.36 -0.96 0.00	37.10 -0.87 0.00	34.61 -0.85 0.00	35.02 -0.86 0.00	35.79 -0.88 0.00	40.91 -0.92 0.00	44.86 -0.92 0.00	58.66 -1.13 -0.16	68.71 -1.16 -1.40	79.78 -1.11 -1.52	70.87 -0.98 -1.82	65.20 -0.78 -0.78	56.85 -0.57 -0.37	52.56 -0.53 -0.19
DUNKIRK___115KV_TB_200 55889	37.30 -4.56 0.00	33.92 -4.50 0.00	33.47 -4.31 0.00	32.88 -4.44 0.00	33.75 -4.60 0.00	38.16 -5.11 0.04	36.94 -6.05 11.02	38.71 -5.96 11.52	44.09 -6.30 7.91	40.24 -4.87 0.01	34.11 -4.22 0.00	32.67 -4.25 1.05	31.70 -3.72 0.04	30.02 -3.55 2.31	29.93 -3.81 2.93	28.99 -4.43 8.40	31.66 -4.90 9.22	41.69 -5.61 12.34	52.89 -6.16 9.42	60.85 -7.06 11.46	62.94 -6.51 0.58	58.03 -6.19 0.98	52.03 -5.02 0.00	48.46 -4.44 0.00
DUNKIRK___1 23563	37.30 -4.56 0.00	33.92 -4.50 0.00	33.47 -4.31 0.00	32.88 -4.44 0.00	33.75 -4.60 0.00	38.16 -5.11 0.04	36.94 -6.05 11.02	38.71 -5.96 11.52	44.09 -6.30 7.91	40.24 -4.87 0.01	34.11 -4.22 0.00	32.67 -4.25 1.05	31.70 -3.72 0.04	30.02 -3.55 2.31	29.93 -3.81 2.93	28.99 -4.43 8.40	31.66 -4.90 9.22	41.69 -5.61 12.34	52.89 -6.16 9.42	60.85 -7.06 11.46	62.94 -6.51 0.58	58.03 -6.19 0.98	52.03 -5.02 0.00	48.46 -4.44 0.00
DUNKIRK___2 23564	37.30 -4.56 0.00	33.92 -4.50 0.00	33.47 -4.31 0.00	32.88 -4.44 0.00	33.75 -4.60 0.00	38.16 -5.11 0.04	36.94 -6.05 11.02	38.71 -5.96 11.52	44.09 -6.30 7.91	40.24 -4.87 0.01	34.11 -4.22 0.00	32.67 -4.25 1.05	31.70 -3.72 0.04	30.02 -3.55 2.31	29.93 -3.81 2.93	28.99 -4.43 8.40	31.66 -4.90 9.22	41.69 -5.61 12.34	52.89 -6.16 9.42	60.85 -7.06 11.46	62.94 -6.51 0.58	58.03 -6.19 0.98	52.03 -5.02 0.00	48.46 -4.44 0.00
DUNKIRK___3 23565	37.47 -4.40 0.00	34.08 -4.34 0.00	33.62 -4.16 0.00	33.03 -4.29 0.00	33.90 -4.45 0.00	38.33 -4.94 0.04	36.92 -5.78 11.31	38.63 -5.73 11.83	44.12 -6.06 8.12	40.37 -4.74 0.01	34.26 -4.06 0.00	32.83 -4.06 1.08	31.81 -3.62 0.04	30.14 -3.37 2.37	30.03 -3.63 3.00	28.94 -4.27 8.62	31.60 -4.71 9.46	41.55 -5.43 12.66	52.78 -6.03 9.67	60.54 -7.06 11.76	62.85 -6.58 0.59	57.88 -6.32 1.00	51.92 -5.13 0.00	48.30 -4.60 0.00
DUNKIRK___4 23566	37.47 -4.40 0.00	34.08 -4.34 0.00	33.62 -4.16 0.00	33.03 -4.29 0.00	33.90 -4.45 0.00	38.33 -4.94 0.04	36.92 -5.78 11.31	38.63 -5.73 11.83	44.12 -6.06 8.12	40.37 -4.74 0.01	34.26 -4.06 0.00	32.83 -4.06 1.08	31.81 -3.62 0.04	30.14 -3.37 2.37	30.03 -3.63 3.00	28.94 -4.27 8.62	31.60 -4.71 9.46	41.55 -5.43 12.66	52.78 -6.03 9.67	60.54 -7.06 11.76	62.85 -6.58 0.59	57.88 -6.32 1.00	51.92 -5.13 0.00	48.30 -4.60 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.79 1.93 0.00	40.19 1.77 0.00	39.52 1.74 0.00	38.92 1.60 0.00	39.88 1.53 0.00	45.17 1.86 0.00	56.92 2.92 0.00	96.48 2.70 -37.59	61.45 3.15 0.00	49.48 2.71 -1.65	49.65 2.41 -8.92	49.32 2.47 -8.88	45.51 2.23 -7.81	46.26 2.33 -8.04	44.23 2.38 -5.17	49.41 2.72 -4.86	53.56 2.93 -4.86	63.57 3.94 0.00	72.86 4.38 0.00	84.45 5.08 0.00	73.81 3.78 0.00	68.46 3.26 0.00	59.85 2.80 0.00	55.17 2.27 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	43.41 1.55 0.00	39.84 1.42 0.00	39.21 1.44 0.00	38.62 1.31 0.00	39.62 1.27 0.00	44.78 1.47 0.00	56.38 2.38 0.00	100.91 2.25 -42.47	60.69 2.39 0.00	47.42 1.99 -0.31	41.71 1.72 -1.67	41.38 1.75 -1.66	38.48 1.56 -1.46	39.04 1.65 -1.50	39.32 1.69 -0.97	44.71 1.97 -0.91	47.97 2.20 0.00	62.68 3.04 0.00	71.97 3.49 0.00	83.49 4.13 0.00	72.97 2.94 0.00	67.75 2.54 0.00	59.27 2.22 0.00	54.70 1.80 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	44.21 2.34 0.00	40.49 2.07 0.00	39.86 2.08 0.00	39.18 1.87 0.00	40.15 1.80 0.00	45.34 2.04 0.00	56.97 2.97 0.00	96.47 2.70 -37.58	61.51 3.21 0.00	49.66 2.89 -1.65	49.73 2.49 -8.92	49.47 2.62 -8.88	45.68 2.41 -7.81	46.43 2.51 -8.04	44.33 2.49 -5.17	49.45 2.76 -4.86	53.56 2.93 -4.86	63.57 3.94 0.00	72.79 4.31 0.00	84.45 5.08 0.00	73.67 3.64 0.00	68.40 3.20 0.00	60.07 3.02 0.00	55.65 2.75 0.00

E179THST_13_KV_LOAD 356214	44.37 2.51 0.00	40.65 2.23 0.00	40.01 2.23 0.00	39.30 1.98 0.00	40.27 1.92 0.00	45.51 2.21 0.00	57.19 3.19 0.00	96.75 2.98 -37.58	61.80 3.50 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.86 2.59 -7.81	46.61 2.69 -8.04	44.52 2.68 -5.17	49.66 2.97 -4.86	53.79 3.16 -4.86	63.87 4.23 0.00	73.20 4.72 0.00	84.84 5.48 0.00	74.02 3.99 0.00	68.73 3.52 0.00	60.36 3.31 0.00	55.92 3.02 0.00
EAST HAMPTON___GT 23717	44.79 2.93 0.00	40.91 2.50 0.00	40.01 2.23 0.00	39.22 1.90 0.00	40.23 1.88 0.00	45.86 2.55 0.00	57.19 3.19 0.00	94.85 1.12 -37.53	60.40 2.10 0.00	48.66 1.89 -1.64	49.56 2.34 -8.90	49.15 2.32 -8.86	45.53 2.27 -7.80	46.06 2.15 -8.03	44.40 2.57 -5.16	49.36 2.68 -4.85	54.01 3.39 -4.85	63.69 4.06 0.00	72.92 4.45 0.00	85.32 5.96 0.00	75.00 4.97 0.00	69.57 4.37 0.00	61.10 4.05 0.00	55.91 3.01 0.00
EAST RIVER___6 23660	43.95 2.09 0.00	40.26 1.84 0.00	39.63 1.85 0.00	39.00 1.68 0.00	39.96 1.61 0.00	45.38 2.08 0.00	57.19 3.19 0.00	96.88 3.09 -37.60	61.98 3.68 0.00	49.88 3.11 -1.65	49.96 2.72 -8.92	49.67 2.81 -8.88	45.87 2.59 -7.81	46.62 2.69 -8.05	44.52 2.68 -5.17	49.75 3.05 -4.86	53.88 3.25 -4.86	64.05 4.41 0.00	73.41 4.93 0.00	85.00 5.64 0.00	74.23 4.20 0.00	68.92 3.71 0.00	60.07 3.02 0.00	55.49 2.59 0.00
EAST RIVER___7 23524	43.95 2.09 0.00	40.26 1.84 0.00	39.63 1.85 0.00	39.00 1.68 0.00	39.96 1.61 0.00	45.38 2.08 0.00	57.19 3.19 0.00	96.88 3.09 -37.60	61.98 3.68 0.00	49.88 3.11 -1.65	49.96 2.72 -8.92	49.67 2.81 -8.88	45.87 2.59 -7.81	46.62 2.69 -8.05	44.52 2.68 -5.17	49.75 3.05 -4.86	53.88 3.25 -4.86	64.05 4.41 0.00	73.41 4.93 0.00	85.00 5.64 0.00	74.23 4.20 0.00	68.92 3.71 0.00	60.07 3.02 0.00	55.49 2.59 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	43.70 1.84 0.00	40.11 1.69 0.00	39.44 1.66 0.00	38.85 1.53 0.00	39.81 1.46 0.00	45.08 1.78 0.00	56.76 2.75 0.00	96.90 2.58 -38.12	61.27 2.97 0.00	49.37 2.57 -1.67	49.66 2.26 -9.08	49.33 2.32 -9.03	45.54 2.13 -7.95	46.26 2.19 -8.19	44.17 2.24 -5.26	49.33 2.55 -4.95	53.52 2.79 -4.95	63.39 3.76 0.00	72.65 4.18 0.00	84.21 4.84 0.00	73.53 3.50 0.00	68.20 3.00 0.00	59.67 2.62 0.00	55.02 2.12 0.00
EAST_HAMPTON___DIESEL 23722	44.71 2.85 0.00	40.84 2.42 0.00	39.93 2.15 0.00	39.15 1.83 0.00	40.15 1.80 0.00	45.77 2.47 0.00	57.03 3.02 0.00	94.73 1.01 -37.53	60.22 1.92 0.00	48.53 1.76 -1.64	49.52 2.30 -8.90	49.07 2.24 -8.86	45.46 2.20 -7.80	45.99 2.08 -8.03	44.33 2.49 -5.16	49.28 2.59 -4.85	53.92 3.30 -4.85	63.57 3.94 0.00	72.79 4.32 0.00	85.16 5.79 0.00	74.86 4.83 0.00	69.44 4.24 0.00	60.98 3.93 0.00	55.81 2.91 0.00
EAST_POINT___SOLAR 323840	43.79 1.93 0.00	40.23 1.81 0.00	39.52 1.74 0.00	39.07 1.75 0.00	40.19 1.84 0.00	45.64 2.34 0.00	57.68 3.67 0.00	67.20 3.60 -7.41	60.52 2.21 0.00	45.55 0.14 -0.29	39.45 -0.42 -1.55	39.33 -0.19 -1.54	36.72 -0.11 -1.36	37.07 -0.21 -1.40	37.53 -0.04 -0.90	43.14 0.46 -0.85	47.80 1.14 -0.88	62.20 2.56 0.00	72.65 4.18 0.00	85.88 6.51 0.00	75.49 5.47 0.00	69.90 4.70 0.00	60.98 3.93 0.00	56.34 3.44 0.00
EAST_PULASKI___ESR 323781	41.02 -0.84 0.00	37.65 -0.77 0.00	36.98 -0.80 0.00	36.53 -0.79 0.00	37.78 -0.77 -0.20	42.45 -0.87 -0.01	54.55 -0.81 -1.35	60.36 -0.56 -4.73	57.25 -1.05 0.00	43.81 -1.31 0.00	36.98 -1.34 0.00	36.64 -1.33 0.00	34.19 -1.28 0.00	34.63 -1.26 0.00	35.39 -1.28 0.00	40.62 -1.21 0.00	44.68 -1.10 0.00	59.35 -1.07 -0.78	74.83 -0.68 -7.03	86.73 -0.32 -7.68	78.99 -0.21 -9.17	69.53 -0.13 -4.46	58.96 -0.23 -2.14	53.52 -0.32 -0.93
EAST_RIVER___1 323558	44.00 2.13 0.00	40.30 1.88 0.00	39.63 1.85 0.00	39.00 1.68 0.00	40.00 1.65 0.00	45.38 2.08 0.00	57.13 3.13 0.00	96.77 2.98 -37.60	61.80 3.50 0.00	49.79 3.02 -1.65	49.89 2.64 -8.92	49.59 2.74 -8.88	45.76 2.48 -7.81	46.51 2.58 -8.05	44.45 2.60 -5.17	49.62 2.93 -4.86	53.79 3.16 -4.86	63.87 4.23 0.00	73.20 4.72 0.00	84.84 5.47 0.00	74.09 4.06 0.00	68.79 3.58 0.00	60.13 3.08 0.00	55.54 2.64 0.00
EAST_RIVER___2 323559	43.95 2.09 0.00	40.26 1.84 0.00	39.63 1.85 0.00	39.00 1.68 0.00	39.96 1.61 0.00	45.38 2.08 0.00	57.19 3.19 0.00	96.88 3.09 -37.60	61.98 3.68 0.00	49.88 3.11 -1.65	49.96 2.72 -8.92	49.67 2.81 -8.88	45.87 2.59 -7.81	46.62 2.69 -8.05	44.52 2.68 -5.17	49.75 3.05 -4.86	53.88 3.25 -4.86	64.05 4.41 0.00	73.41 4.93 0.00	85.00 5.64 0.00	74.23 4.20 0.00	68.92 3.71 0.00	60.07 3.02 0.00	55.49 2.59 0.00
EAST___DELAWARE_HYD 23607	43.58 1.72 0.00	39.96 1.54 0.00	39.36 1.59 0.00	38.81 1.49 0.00	39.81 1.46 0.00	45.04 1.73 0.00	56.70 2.70 0.00	67.00 2.70 -8.11	61.10 2.80 0.00	47.16 2.03 0.00	40.01 1.68 0.00	39.68 1.71 0.00	36.95 1.49 0.00	37.50 1.62 0.00	38.32 1.65 0.00	43.84 2.01 0.00	48.06 2.29 0.00	63.03 3.40 0.00	72.65 4.18 0.00	84.21 4.84 0.00	73.81 3.78 0.00	68.46 3.26 0.00	59.90 2.85 0.00	55.33 2.43 0.00
EIGHT_POINT___WT_PWR 323820	37.47 -4.39 0.00	34.15 -4.27 0.00	33.51 -4.27 0.00	32.91 -4.40 0.00	33.79 -4.56 0.00	38.45 -4.98 -0.13	86.06 -5.73 -37.78	90.08 -5.62 -39.51	79.02 -6.41 -27.13	39.93 -5.23 -0.04	33.76 -4.56 0.00	36.99 -4.60 -3.61	31.37 -4.22 -0.13	40.00 -3.80 -7.93	42.67 -4.03 -10.04	66.34 -4.31 -28.82	72.48 -4.90 -31.61	97.00 -4.95 -42.31	95.70 -5.07 -32.29	113.18 -5.48 -39.29	67.53 -5.11 -2.61	64.99 -4.63 -4.42	53.23 -3.82 0.00	49.78 -3.12 0.00
ELBRIDGE_115KV_TB2 80188	41.44 -0.42 0.00	38.00 -0.42 0.00	37.32 -0.45 0.00	36.87 -0.45 0.00	37.89 -0.46 0.00	42.78 -0.52 0.00	53.57 -0.43 0.00	55.85 -0.34 0.00	57.78 -0.52 0.00	44.67 -0.45 0.00	37.90 -0.42 0.00	37.52 -0.46 0.00	35.11 -0.35 0.00	35.56 -0.32 0.00	36.27 -0.40 0.00	41.37 -0.46 0.00	45.32 -0.46 0.00	59.28 -0.36 0.00	68.06 -0.41 0.00	78.97 -0.40 0.00	69.54 -0.49 0.00	64.68 -0.52 0.00	56.65 -0.40 0.00	52.61 -0.42 -0.13
ELEC_TRO_TEK 24086	44.12 2.26 0.00	40.46 2.04 0.00	39.74 1.96 0.00	39.03 1.72 0.00	40.08 1.73 0.00	45.30 1.99 0.00	57.14 3.13 0.00	95.69 1.97 -37.53	61.04 2.74 0.00	49.38 2.62 -1.64	49.68 2.45 -8.90	49.34 2.51 -8.86	45.60 2.34 -7.80	46.24 2.33 -8.03	44.36 2.53 -5.16	49.57 2.89 -4.85	53.96 3.34 -4.85	63.75 4.11 0.00	73.13 4.66 0.00	85.00 5.63 0.00	74.44 4.41 0.00	68.86 3.65 0.00	60.24 3.19 0.00	55.44 2.54 0.00
ELLENBURG_WT_PWR 323604	40.82 -1.04 0.00	37.23 -1.19 0.00	36.61 -1.17 0.00	36.20 -1.12 0.00	37.32 -0.92 0.11	42.22 -1.08 0.01	51.96 -1.62 0.42	53.04 -1.68 1.47	56.32 -1.98 0.00	43.73 -1.40 0.00	37.02 -1.30 0.00	36.57 -1.40 0.00	34.12 -1.35 0.00	34.45 -1.44 0.00	35.31 -1.36 0.00	40.41 -1.42 0.00	44.04 -1.74 0.00	56.65 -2.74 0.24	63.28 -3.01 2.18	73.65 -3.33 2.38	65.22 -1.96 2.85	62.65 -1.17 1.39	55.70 -0.68 0.66	52.56 -0.05 0.29

ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.47 -4.40 0.00	34.04 -4.38 0.00	33.58 -4.19 0.00	32.99 -4.33 0.00	33.83 -4.53 0.00	38.07 -5.20 0.04	36.29 -6.16 11.56	37.92 -6.18 12.09	43.53 -6.47 8.30	40.19 -4.92 0.01	34.11 -4.22 0.00	32.62 -4.25 1.10	31.67 -3.76 0.04	29.91 -3.55 2.42	29.79 -3.81 3.07	28.46 -4.56 8.81	31.03 -5.08 9.67	40.73 -5.96 12.94	51.75 -6.85 9.88	59.25 -8.10 12.02	61.87 -7.56 0.60	56.95 -7.24 1.01	51.17 -5.88 0.00	47.66 -5.24 0.00
EMPIRE_CC_1 323656	42.82 0.96 0.00	39.42 1.00 0.00	38.76 0.98 0.00	38.25 0.93 0.00	39.19 0.84 0.00	44.34 1.04 0.00	54.76 0.76 0.00	71.08 0.34 -14.55	58.94 0.64 0.00	46.15 0.45 -0.57	42.03 0.61 -3.09	41.66 0.61 -3.08	38.67 0.50 -2.71	39.10 0.43 -2.79	38.94 0.48 -1.79	44.06 0.54 -1.69	47.95 0.46 -1.71	60.23 0.60 0.00	69.02 0.55 0.00	79.76 0.40 0.00	70.03 0.00 0.00	65.34 0.13 0.00	57.16 0.11 0.00	52.90 0.00 0.00
EMPIRE_CC_2 323658	42.82 0.96 0.00	39.42 1.00 0.00	38.76 0.98 0.00	38.25 0.93 0.00	39.19 0.84 0.00	44.34 1.04 0.00	54.76 0.76 0.00	71.08 0.34 -14.55	58.94 0.64 0.00	46.15 0.45 -0.57	42.03 0.61 -3.09	41.66 0.61 -3.08	38.67 0.50 -2.71	39.10 0.43 -2.79	38.94 0.48 -1.79	44.06 0.54 -1.69	47.95 0.46 -1.71	60.23 0.60 0.00	69.02 0.55 0.00	79.76 0.40 0.00	70.03 0.00 0.00	65.34 0.13 0.00	57.16 0.11 0.00	52.90 0.00 0.00
ENORWICH_115KV_TB1 80156	42.91 1.05 0.00	39.30 0.88 0.00	38.57 0.79 0.00	38.03 0.71 0.00	39.23 0.88 0.00	44.44 1.13 -0.01	57.68 2.16 -1.52	52.59 2.75 6.35	61.49 2.10 -1.09	45.39 0.59 0.32	36.54 -0.04 1.75	36.46 0.08 1.59	33.94 0.00 1.53	34.77 0.14 1.26	36.21 0.15 0.61	42.62 0.59 -0.21	47.13 1.10 -0.25	63.84 2.50 -1.70	73.54 3.77 -1.30	85.79 4.84 -1.58	74.02 3.99 0.00	68.60 3.39 0.00	59.90 2.85 0.00	55.39 2.49 0.00
ERIE_ST__34_KV_TB1-2 80199	37.97 -3.89 0.00	34.50 -3.92 0.00	34.04 -3.74 0.00	33.44 -3.88 0.00	34.32 -4.03 0.00	39.29 -3.98 0.03	39.20 -4.59 10.21	41.13 -4.38 10.68	46.31 -4.66 7.33	41.23 -3.88 0.01	34.95 -3.37 0.00	33.88 -3.11 0.98	32.49 -2.94 0.03	31.22 -2.51 2.15	31.24 -2.71 2.72	30.78 -3.26 7.79	33.57 -3.66 8.54	44.09 -4.11 11.43	55.09 -4.66 8.73	63.19 -5.56 10.62	63.74 -5.74 0.55	58.61 -5.67 0.93	52.49 -4.56 0.00	48.56 -4.34 0.00
ERIE_WT_PWR 323693	37.63 -4.23 0.00	34.31 -4.11 0.00	33.74 -4.04 0.00	33.17 -4.14 0.00	34.02 -4.33 0.00	38.37 -4.89 0.04	37.27 -5.67 11.06	39.06 -5.56 11.57	44.47 -5.89 7.94	40.47 -4.65 0.01	34.38 -3.95 0.00	32.96 -3.95 1.06	31.88 -3.55 0.04	30.29 -3.26 2.32	30.21 -3.52 2.94	29.21 -4.18 8.44	32.08 -4.44 9.25	41.88 -5.37 12.39	52.92 -6.09 9.46	60.64 -7.22 11.50	62.59 -6.86 0.57	57.65 -6.58 0.97	51.69 -5.36 0.00	48.24 -4.66 0.00
ESPRGFLD_115KV_TB1 80157	42.95 1.09 0.00	39.42 1.00 0.00	38.76 0.98 0.00	38.29 0.97 0.00	39.39 1.04 0.00	44.60 1.30 0.00	56.27 2.27 0.00	58.66 2.47 0.00	60.28 1.98 0.00	45.94 0.81 0.00	38.63 0.31 0.00	38.47 0.49 0.00	35.89 0.43 0.00	36.35 0.47 0.00	37.18 0.51 0.00	42.67 0.84 0.00	47.06 1.28 0.00	61.90 2.27 0.00	71.63 3.15 0.00	83.57 4.21 0.00	73.46 3.43 0.00	68.14 2.93 0.00	59.56 2.51 0.00	55.02 2.12 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	42.11 0.25 0.00	38.57 0.15 0.00	37.93 0.15 0.00	37.47 0.15 0.00	38.50 0.15 0.00	43.57 0.26 -0.01	57.60 0.76 -2.84	55.97 0.90 1.12	60.92 0.58 -2.04	45.31 0.18 0.00	38.25 -0.08 0.00	38.17 -0.08 -0.27	35.40 -0.07 -0.01	36.48 0.00 -0.60	37.39 -0.04 -0.75	44.04 0.04 -2.17	48.33 0.18 -2.38	63.59 0.78 -3.18	72.07 1.16 -2.43	83.91 1.59 -2.95	71.24 1.12 -0.09	66.34 0.98 -0.15	57.91 0.86 0.00	53.64 0.74 0.00
ETNA____115KV_TB2 80207	42.11 0.25 0.00	38.57 0.15 0.00	37.93 0.15 0.00	37.47 0.15 0.00	38.50 0.15 0.00	43.57 0.26 -0.01	57.60 0.76 -2.84	55.97 0.90 1.12	60.92 0.58 -2.04	45.31 0.18 0.00	38.25 -0.08 0.00	38.17 -0.08 -0.27	35.40 -0.07 -0.01	36.48 0.00 -0.60	37.39 -0.04 -0.75	44.04 0.04 -2.17	48.33 0.18 -2.38	63.59 0.78 -3.18	72.07 1.16 -2.43	83.91 1.59 -2.95	71.24 1.12 -0.09	66.34 0.98 -0.15	57.91 0.86 0.00	53.64 0.74 0.00
EUCLID__115KV_TB2 356179	41.19 -0.67 0.00	37.77 -0.65 0.00	37.14 -0.64 0.00	36.68 -0.63 0.00	37.73 -0.69 -0.07	42.53 -0.78 0.00	53.19 -0.81 0.00	55.46 -0.73 0.00	57.48 -0.82 0.00	44.45 -0.68 0.00	37.75 -0.57 0.00	37.37 -0.61 0.00	34.97 -0.50 0.00	35.38 -0.50 0.00	36.12 -0.55 0.00	41.16 -0.67 0.00	45.09 -0.69 0.00	58.92 -0.72 0.00	67.59 -0.89 0.00	78.41 -0.95 0.00	69.05 -0.98 0.00	64.23 -0.98 0.00	56.19 -0.86 0.00	52.25 -0.79 -0.14
E_CANADA_CAP_HY 24051	43.29 1.42 0.00	39.76 1.34 0.00	39.06 1.29 0.00	38.62 1.31 0.00	39.69 1.34 0.00	45.04 1.73 0.00	56.81 2.81 0.00	65.13 2.75 -6.19	60.28 1.98 0.00	45.62 0.50 0.00	38.36 0.04 0.00	38.13 0.15 0.00	35.57 0.11 0.00	35.92 0.04 0.00	36.82 0.15 0.00	42.37 0.54 0.00	46.87 1.10 0.00	61.96 2.32 0.00	72.03 3.56 0.00	84.45 5.08 0.00	74.23 4.20 0.00	68.79 3.58 0.00	60.07 3.02 0.00	55.49 2.59 0.00
E_CANADA_MHWK_HY 24050	41.11 -0.75 0.00	37.73 -0.69 0.00	37.10 -0.68 0.00	36.65 -0.67 0.00	37.72 -0.69 -0.06	42.48 -0.82 0.00	53.24 -1.03 -0.27	56.06 -1.07 -0.94	57.14 -1.17 0.00	44.09 -1.04 0.00	37.37 -0.96 0.00	37.10 -0.87 0.00	34.61 -0.85 0.00	35.02 -0.86 0.00	35.79 -0.88 0.00	40.91 -0.92 0.00	44.81 -0.96 0.00	58.60 -1.19 -0.16	68.71 -1.16 -1.40	79.78 -1.11 -1.52	70.87 -0.98 -1.82	65.31 -0.78 -0.89	56.90 -0.57 -0.42	52.56 -0.53 -0.19
E_FISHKILL__LBMP 23776	43.41 1.55 0.00	39.84 1.42 0.00	39.21 1.44 0.00	38.59 1.27 0.00	39.58 1.23 0.00	44.78 1.47 0.00	56.27 2.27 0.00	85.50 2.08 -27.23	60.75 2.45 0.00	48.33 2.12 -1.08	46.12 1.92 -5.88	45.80 1.97 -5.85	42.38 1.77 -5.15	43.01 1.83 -5.30	41.95 1.87 -3.41	47.17 2.13 -3.20	51.22 2.33 -3.11	62.74 3.10 0.00	71.90 3.42 0.00	83.33 3.97 0.00	72.90 2.87 0.00	67.68 2.48 0.00	59.22 2.17 0.00	54.65 1.75 0.00
FALCON__SEABRD_CC1 323796	41.65 -0.21 0.00	37.84 -0.58 0.00	37.25 -0.53 0.00	36.83 -0.49 0.00	38.10 -0.19 0.06	43.04 -0.26 0.00	53.46 -0.54 0.00	55.63 -0.56 0.00	57.37 -0.94 0.00	44.49 -0.63 0.00	37.63 -0.69 0.00	37.14 -0.84 0.00	34.65 -0.81 0.00	34.99 -0.90 0.00	35.94 -0.73 0.00	41.16 -0.67 0.00	44.86 -0.92 0.00	57.31 -2.33 0.00	65.46 -3.01 0.00	76.04 -3.33 0.00	68.21 -1.82 0.00	63.53 -0.98 0.70	56.20 -0.51 0.33	53.44 0.69 0.15
FALCON__SEABRD_CC2 323797	41.65 -0.21 0.00	37.84 -0.58 0.00	37.25 -0.53 0.00	36.83 -0.49 0.00	38.10 -0.19 0.06	43.04 -0.26 0.00	53.46 -0.54 0.00	55.63 -0.56 0.00	57.37 -0.94 0.00	44.49 -0.63 0.00	37.63 -0.69 0.00	37.14 -0.84 0.00	34.65 -0.81 0.00	34.99 -0.90 0.00	35.94 -0.73 0.00	41.16 -0.67 0.00	44.86 -0.92 0.00	57.31 -2.33 0.00	65.46 -3.01 0.00	76.04 -3.33 0.00	68.21 -1.82 0.00	63.53 -0.98 0.70	56.20 -0.51 0.33	53.44 0.69 0.15

FAR ROCKAWAY___4 23548	44.54 2.68 0.00	40.84 2.42 0.00	40.12 2.34 0.00	39.41 2.09 0.00	40.46 2.11 0.00	45.73 2.43 0.00	57.73 3.73 0.00	96.31 2.58 -37.53	61.74 3.44 0.00	49.84 3.07 -1.64	50.02 2.80 -8.90	49.72 2.89 -8.86	45.92 2.66 -7.80	46.60 2.69 -8.03	44.73 2.90 -5.16	49.99 3.30 -4.85	54.47 3.85 -4.85	64.59 4.95 0.00	74.16 5.68 0.00	86.11 6.75 0.00	75.49 5.46 0.00	69.77 4.56 0.00	60.99 3.94 0.00	56.13 3.23 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.95 2.09 0.00	40.30 1.88 0.00	39.67 1.89 0.00	39.03 1.72 0.00	40.04 1.69 0.00	45.34 2.04 0.00	57.14 3.13 0.00	96.82 3.03 -37.60	61.86 3.56 0.00	49.84 3.07 -1.65	49.89 2.64 -8.92	49.59 2.73 -8.88	45.79 2.52 -7.81	46.51 2.58 -8.04	44.48 2.64 -5.17	49.67 2.97 -4.86	53.84 3.20 -4.86	63.87 4.23 0.00	73.20 4.72 0.00	84.92 5.56 0.00	74.09 4.06 0.00	68.73 3.52 0.00	60.13 3.08 0.00	55.44 2.54 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	44.00 2.13 0.00	40.34 1.92 0.00	39.67 1.89 0.00	39.03 1.72 0.00	40.04 1.69 0.00	45.34 2.04 0.00	57.19 3.19 0.00	96.82 3.03 -37.60	61.86 3.56 0.00	49.84 3.07 -1.65	49.89 2.64 -8.92	49.59 2.73 -8.88	45.79 2.52 -7.81	46.51 2.58 -8.04	44.48 2.64 -5.17	49.67 2.97 -4.86	53.84 3.20 -4.86	63.93 4.29 0.00	73.27 4.79 0.00	84.92 5.56 0.00	74.16 4.13 0.00	68.79 3.59 0.00	60.13 3.08 0.00	55.44 2.54 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.95 2.09 0.00	40.30 1.88 0.00	39.67 1.89 0.00	39.00 1.68 0.00	40.00 1.65 0.00	45.34 2.04 0.00	57.14 3.13 0.00	96.77 2.98 -37.60	61.80 3.50 0.00	49.79 3.02 -1.65	49.89 2.64 -8.92	49.55 2.70 -8.88	45.76 2.48 -7.81	46.51 2.58 -8.04	44.45 2.60 -5.17	49.62 2.93 -4.86	53.79 3.16 -4.86	63.87 4.23 0.00	73.20 4.72 0.00	84.84 5.48 0.00	74.09 4.06 0.00	68.73 3.52 0.00	60.07 3.02 0.00	55.44 2.54 0.00
FARRAGUT___LBMP 323566	43.95 2.09 0.00	40.30 1.88 0.00	39.63 1.85 0.00	39.00 1.68 0.00	40.00 1.65 0.00	45.30 1.99 0.00	57.08 3.08 0.00	96.71 2.92 -37.60	61.74 3.44 0.00	49.75 2.98 -1.65	49.85 2.61 -8.92	49.55 2.70 -8.88	45.72 2.45 -7.81	46.47 2.55 -8.04	44.41 2.57 -5.17	49.62 2.93 -4.86	53.75 3.11 -4.86	63.81 4.17 0.00	73.13 4.66 0.00	84.76 5.40 0.00	74.02 3.99 0.00	68.66 3.46 0.00	60.02 2.97 0.00	55.39 2.49 0.00
FENNER___WINDPWR 24204	42.11 0.25 0.00	38.65 0.23 0.00	38.01 0.23 0.00	37.51 0.19 0.00	38.72 0.27 -0.10	43.65 0.34 0.00	55.15 0.76 -0.40	58.47 0.90 -1.38	59.06 0.76 0.00	45.40 0.27 0.00	38.36 0.04 0.00	38.05 0.08 0.00	35.54 0.07 0.00	35.99 0.11 0.00	36.78 0.11 0.00	42.08 0.25 0.00	46.19 0.41 0.00	60.70 0.83 -0.23	71.69 1.16 -2.05	83.19 1.59 -2.24	73.97 1.26 -2.68	67.68 1.17 -1.30	58.64 0.97 -0.62	54.02 0.84 -0.27
FIBERTEK___ENERGY 23856	41.65 -0.21 0.00	38.19 -0.23 0.00	37.55 -0.23 0.00	37.09 -0.22 0.00	38.18 -0.23 -0.06	43.05 -0.26 0.00	53.90 -0.11 0.00	56.25 0.06 0.00	58.24 -0.06 0.00	44.99 -0.14 0.00	38.17 -0.15 0.00	37.78 -0.19 0.00	35.36 -0.11 0.00	35.77 -0.11 0.00	36.52 -0.15 0.00	41.66 -0.17 0.00	45.64 -0.14 0.00	59.70 0.06 0.00	68.48 0.00 0.00	79.45 0.08 0.00	69.96 -0.07 0.00	65.14 -0.07 0.00	56.99 -0.06 0.00	52.94 -0.11 -0.15
FITZPATRICK___ 23598	40.73 -1.13 0.00	37.38 -1.04 0.00	36.72 -1.06 0.00	36.27 -1.04 0.00	37.28 -1.07 0.00	42.05 -1.26 0.00	52.55 -1.46 0.00	54.73 -1.46 0.00	56.73 -1.57 0.00	43.91 -1.22 0.00	37.29 -1.03 0.00	36.91 -1.06 0.00	34.51 -0.96 0.00	34.95 -0.93 0.00	35.64 -1.03 0.00	40.66 -1.17 0.00	44.54 -1.23 0.00	58.09 -1.55 0.00	66.77 -1.71 0.00	77.39 -1.98 0.00	68.21 -1.82 0.00	63.45 -1.76 0.00	55.57 -1.48 0.00	51.52 -1.38 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	43.75 1.88 0.00	40.15 1.73 0.00	39.52 1.74 0.00	38.92 1.60 0.00	39.92 1.57 0.00	45.17 1.86 0.00	56.87 2.86 0.00	91.82 2.70 -32.93	61.27 2.97 0.00	48.22 2.35 -0.75	44.44 2.07 -4.05	44.05 2.05 -4.03	40.78 1.77 -3.55	41.43 1.90 -3.65	41.00 1.98 -2.35	46.34 2.30 -2.21	50.49 2.61 -2.11	63.39 3.76 0.00	72.79 4.31 0.00	84.45 5.08 0.00	73.88 3.85 0.00	68.53 3.33 0.00	59.96 2.91 0.00	55.28 2.38 0.00
FORT ORANGE___ 23900	43.24 1.38 0.00	39.76 1.34 0.00	39.10 1.32 0.00	38.62 1.31 0.00	39.58 1.23 0.00	44.82 1.51 0.00	54.86 0.86 0.00	68.52 0.28 -12.05	58.88 0.58 0.00	45.90 0.32 -0.45	41.12 0.34 -2.45	40.76 0.34 -2.44	37.86 0.25 -2.15	38.27 0.18 -2.21	38.31 0.22 -1.42	43.46 0.29 -1.34	47.57 0.41 -1.39	60.29 0.66 0.00	69.09 0.61 0.00	80.08 0.71 0.00	70.31 0.28 0.00	65.47 0.26 0.00	57.45 0.40 0.00	53.54 0.64 0.00
FORT_DRUM_COGEN 23780	41.19 -0.67 0.00	37.77 -0.65 0.00	37.10 -0.68 0.00	36.65 -0.67 0.00	38.49 -0.50 -0.64	42.82 -0.52 -0.03	56.85 -0.16 -3.01	67.16 0.45 -10.52	57.78 -0.52 0.00	43.59 -1.53 0.00	36.52 -1.80 0.00	36.30 -1.67 0.00	33.76 -1.70 0.00	34.27 -1.61 0.00	35.09 -1.58 0.00	40.62 -1.21 0.00	44.77 -1.01 0.00	60.54 -0.83 -1.74	84.47 0.34 -15.66	97.88 1.43 -17.09	92.12 1.68 -20.41	75.84 1.89 -8.74	62.61 1.37 -4.19	56.20 1.22 -2.08
FOX_HILLS___ESR 323835	44.50 2.64 0.00	40.72 2.30 0.00	40.04 2.27 0.00	39.37 2.05 0.00	40.34 1.99 0.00	45.60 2.29 0.00	57.35 3.35 0.00	96.80 3.03 -37.58	61.74 3.44 0.00	49.79 3.02 -1.65	49.77 2.53 -8.92	49.51 2.66 -8.88	45.72 2.45 -7.81	46.51 2.58 -8.04	44.30 2.46 -5.17	49.29 2.59 -4.86	53.37 2.75 -4.85	63.39 3.76 0.01	72.64 4.18 0.01	84.20 4.84 0.01	73.52 3.50 0.01	68.72 3.52 0.01	60.47 3.42 0.00	55.97 3.07 0.00
FPL_FAR_ROCK_GT1 24212	44.58 2.72 0.00	40.84 2.42 0.00	40.12 2.34 0.00	39.41 2.09 0.00	40.46 2.11 0.00	45.95 2.64 0.00	57.73 3.72 0.00	96.31 2.59 -37.53	61.74 3.44 0.00	49.84 3.07 -1.64	50.02 2.80 -8.90	49.72 2.88 -8.86	45.92 2.66 -7.80	46.60 2.69 -8.03	44.73 2.90 -5.16	49.99 3.30 -4.85	54.47 3.85 -4.85	64.58 4.95 0.00	74.16 5.68 0.00	86.11 6.74 0.00	75.56 5.53 0.00	69.96 4.76 0.00	61.16 4.11 0.00	56.39 3.49 0.00
FPL_FAR_ROCK_GT2 23815	44.58 2.72 0.00	40.84 2.42 0.00	40.12 2.34 0.00	39.41 2.09 0.00	40.46 2.11 0.00	45.95 2.64 0.00	57.73 3.72 0.00	96.31 2.59 -37.53	61.74 3.44 0.00	49.84 3.07 -1.64	50.02 2.80 -8.90	49.72 2.88 -8.86	45.92 2.66 -7.80	46.60 2.69 -8.03	44.73 2.90 -5.16	49.99 3.30 -4.85	54.47 3.85 -4.85	64.58 4.95 0.00	74.16 5.68 0.00	86.11 6.74 0.00	75.56 5.53 0.00	69.96 4.76 0.00	61.16 4.11 0.00	56.39 3.49 0.00
FRANKLIN_FALL_HYD 24054	41.36 -0.50 0.00	37.61 -0.81 0.00	37.02 -0.76 0.00	36.57 -0.75 0.00	38.51 -0.54 -0.70	42.73 -0.61 -0.03	55.93 -0.97 -2.90	65.35 -0.96 -10.11	56.90 -1.40 0.00	44.09 -1.04 0.00	37.17 -1.15 0.00	36.72 -1.25 0.00	34.26 -1.21 0.00	34.59 -1.29 0.00	35.53 -1.14 0.00	40.66 -1.17 0.00	44.26 -1.51 0.00	59.10 -2.21 -1.67	81.33 -2.19 -15.05	93.33 -2.46 -16.42	88.73 -0.91 -19.62	73.41 -0.20 -8.40	61.31 0.23 -4.03	55.90 1.01 -2.00

FREEPORT_EQUS_GT1 23764	44.42 2.55 0.00	40.69 2.27 0.00	39.93 2.15 0.00	39.26 1.94 0.00	40.31 1.95 0.00	45.73 2.42 0.00	57.46 3.46 0.00	95.91 2.19 -37.53	61.27 2.97 0.00	49.57 2.80 -1.64	49.83 2.61 -8.90	49.49 2.66 -8.86	45.74 2.48 -7.80	46.42 2.51 -8.03	44.55 2.71 -5.16	49.82 3.14 -4.85	54.29 3.66 -4.85	63.93 4.30 0.00	73.41 4.93 0.00	85.32 5.96 0.00	74.86 4.83 0.00	69.51 4.30 0.00	60.81 3.76 0.00	56.07 3.17 0.00
FREEPORT___CT2 23818	44.42 2.55 0.00	40.69 2.27 0.00	39.93 2.15 0.00	39.26 1.94 0.00	40.31 1.95 0.00	45.73 2.42 0.00	57.46 3.46 0.00	95.91 2.19 -37.53	61.27 2.97 0.00	49.57 2.80 -1.64	49.83 2.61 -8.90	49.49 2.66 -8.86	45.74 2.48 -7.80	46.42 2.51 -8.03	44.55 2.71 -5.16	49.82 3.14 -4.85	54.29 3.66 -4.85	63.93 4.30 0.00	73.41 4.93 0.00	85.32 5.96 0.00	74.86 4.83 0.00	69.51 4.30 0.00	60.81 3.76 0.00	56.07 3.17 0.00
FRESHKLS_33_KV_LOAD 356253	44.50 2.64 0.00	40.84 2.42 0.00	40.20 2.42 0.00	39.48 2.16 0.00	40.50 2.15 0.00	45.64 2.34 0.00	57.51 3.51 0.00	96.92 3.15 -37.58	61.80 3.50 0.00	49.79 3.02 -1.65	49.77 2.53 -8.92	49.51 2.66 -8.88	45.72 2.45 -7.81	46.47 2.55 -8.04	44.26 2.42 -5.17	49.16 2.47 -4.86	53.19 2.56 -4.85	63.21 3.58 0.01	72.44 3.97 0.01	84.04 4.68 0.01	73.31 3.29 0.01	68.66 3.46 0.00	60.59 3.54 0.00	55.92 3.02 0.00
FULTON COGEN___ 23766	41.02 -0.84 0.00	37.65 -0.77 0.00	36.98 -0.79 0.00	36.57 -0.75 0.00	37.62 -0.81 -0.08	42.40 -0.91 0.00	53.46 -0.92 -0.37	56.64 -0.84 -1.30	57.31 -0.99 0.00	44.27 -0.86 0.00	37.56 -0.77 0.00	37.21 -0.76 0.00	34.79 -0.67 0.00	35.20 -0.68 0.00	35.94 -0.73 0.00	40.99 -0.84 0.00	44.90 -0.87 0.00	58.96 -0.89 -0.21	69.38 -1.03 -1.93	80.36 -1.11 -2.11	71.49 -1.05 -2.52	65.24 -1.04 -1.08	56.65 -0.91 -0.52	52.26 -0.90 -0.26
FULTON___LFGE 323630	43.54 1.68 0.00	39.99 1.58 0.00	39.29 1.51 0.00	38.85 1.53 0.00	39.92 1.57 0.00	45.30 1.99 0.00	57.08 3.08 0.00	66.88 2.98 -7.72	60.40 2.10 0.00	46.05 0.63 -0.30	40.05 0.12 -1.62	39.77 0.19 -1.61	37.02 0.14 -1.41	37.37 0.04 -1.46	37.79 0.18 -0.94	43.25 0.54 -0.88	47.79 1.10 -0.92	62.14 2.50 0.00	72.38 3.90 0.00	84.84 5.47 0.00	74.58 4.55 0.00	69.12 3.91 0.00	60.36 3.31 0.00	55.81 2.91 0.00
G.F.CEMENT___DRP 24184	42.74 0.88 0.00	39.34 0.92 0.00	38.65 0.87 0.00	38.21 0.90 0.00	39.19 0.84 0.00	44.39 1.08 0.00	55.73 1.73 0.00	68.05 1.57 -10.29	59.76 1.46 0.00	46.34 0.81 -0.40	40.98 0.50 -2.16	40.65 0.53 -2.15	37.71 0.35 -1.89	38.01 0.18 -1.95	38.18 0.26 -1.25	43.51 0.50 -1.18	47.87 0.87 -1.23	61.37 1.73 0.00	70.80 2.33 0.00	82.62 3.25 0.00	72.55 2.52 0.00	67.29 2.09 0.00	58.70 1.65 0.00	54.22 1.32 0.00
GARDENVILLE___LBMP 24039	37.51 -4.35 0.00	34.08 -4.34 0.00	33.62 -4.16 0.00	33.03 -4.29 0.00	33.90 -4.45 0.04	38.24 -5.02 12.59	35.48 -5.94 13.16	37.13 -5.90 9.04	43.03 -6.24 0.01	40.28 -4.83 0.00	34.22 -4.10 1.20	32.67 -4.10 0.04	31.77 -3.65 0.04	29.80 -3.44 2.64	29.66 -3.67 3.34	27.84 -4.39 9.60	30.39 -4.85 10.53	39.88 -5.67 14.09	51.21 -6.51 10.76	58.66 -7.62 13.09	62.19 -7.21 0.63	57.23 -6.91 1.06	51.46 -5.59 0.00	47.87 -5.03 0.00
GARDNVLA_35_KV_LD 355827	37.72 -4.14 0.00	34.27 -4.15 0.00	33.81 -3.97 0.00	33.21 -4.10 0.00	34.09 -4.26 0.04	38.46 -4.81 10.78	37.60 -5.62 11.28	39.46 -5.45 7.74	44.79 -5.77 0.01	40.65 -4.47 0.00	34.49 -3.83 1.03	33.07 -3.87 0.04	32.02 -3.40 0.04	30.42 -3.19 2.27	30.36 -3.45 2.87	29.51 -4.10 8.22	32.18 -4.58 9.02	42.31 -5.25 12.08	53.30 -5.96 9.22	61.09 -7.06 11.21	62.81 -6.65 0.56	57.80 -6.46 0.95	51.80 -5.25 0.00	48.14 -4.76 0.00
GELCKHM___115KV_LOAD 80723	41.36 -0.50 0.00	37.92 -0.50 0.00	37.29 -0.49 0.00	36.83 -0.49 0.00	37.88 -0.54 -0.06	42.70 -0.61 0.00	53.46 -0.54 0.00	55.74 -0.45 0.00	57.72 -0.58 0.00	44.67 -0.45 0.00	37.90 -0.42 0.00	37.52 -0.46 0.00	35.11 -0.35 0.00	35.52 -0.36 0.00	36.27 -0.40 0.00	41.37 -0.46 0.00	45.32 -0.46 0.00	59.22 -0.42 0.00	67.93 -0.55 0.00	78.81 -0.56 0.00	69.40 -0.63 0.00	64.55 -0.65 0.00	56.48 -0.57 0.00	52.51 -0.53 -0.14
GENERAL___MILLS 23808	37.63 -4.23 0.00	34.19 -4.23 0.00	33.74 -4.04 0.00	33.14 -4.18 0.00	34.02 -4.33 0.04	38.42 -4.85 11.06	37.22 -5.72 11.57	39.00 -5.62 7.94	44.41 -5.95 0.01	40.51 -4.60 0.00	34.38 -3.95 1.06	32.96 -3.95 1.06	31.92 -3.51 0.04	30.29 -3.27 2.32	30.21 -3.52 2.94	29.21 -4.18 8.44	31.85 -4.67 9.25	41.82 -5.43 12.39	52.86 -6.16 9.46	60.56 -7.30 11.50	62.52 -6.93 0.57	57.58 -6.65 0.97	51.63 -5.42 0.00	48.03 -4.87 0.00
GE_PLASTICS___DRP 24183	42.91 1.05 0.00	39.49 1.08 0.00	38.80 1.02 0.00	38.29 0.97 0.00	39.27 0.92 0.00	44.39 1.08 0.00	54.98 0.97 0.00	68.48 0.56 -11.73	59.12 0.82 0.00	46.15 0.59 -0.44	41.33 0.61 -2.40	41.00 0.65 -2.38	38.09 0.53 -2.10	38.54 0.50 -2.16	38.57 0.51 -1.39	43.72 0.59 -1.31	47.87 0.73 -1.37	60.59 0.95 0.00	69.43 0.96 0.00	80.40 1.03 0.00	70.59 0.56 0.00	65.79 0.59 0.00	57.62 0.57 0.00	53.38 0.48 0.00
GILBOA___1 23756	42.65 0.79 0.00	39.30 0.88 0.00	38.65 0.87 0.00	38.10 0.78 0.00	39.12 0.77 0.00	44.08 0.78 0.00	55.08 1.08 0.00	62.28 0.79 -5.30	59.35 1.05 0.00	45.94 0.81 0.00	39.05 0.73 0.00	38.88 0.91 0.00	36.28 0.82 0.00	36.71 0.83 0.00	37.51 0.84 0.00	42.67 0.84 0.00	46.78 1.01 0.00	61.01 1.37 0.00	69.71 1.23 0.00	80.80 1.43 0.00	70.94 0.91 0.00	66.12 0.91 0.00	57.96 0.91 0.00	53.64 0.74 0.00
GILBOA___2 23757	42.65 0.79 0.00	39.30 0.88 0.00	38.65 0.87 0.00	38.10 0.78 0.00	39.12 0.77 0.00	44.08 0.78 0.00	55.08 1.08 0.00	62.28 0.79 -5.30	59.35 1.05 0.00	45.94 0.81 0.00	39.05 0.73 0.00	38.88 0.91 0.00	36.28 0.82 0.00	36.71 0.83 0.00	37.51 0.84 0.00	42.67 0.84 0.00	46.78 1.01 0.00	61.01 1.37 0.00	69.71 1.23 0.00	80.80 1.43 0.00	70.94 0.91 0.00	66.12 0.91 0.00	57.96 0.91 0.00	53.64 0.74 0.00
GILBOA___3 23758	42.65 0.79 0.00	39.30 0.88 0.00	38.65 0.87 0.00	38.10 0.78 0.00	39.12 0.77 0.00	44.08 0.78 0.00	55.08 1.08 0.00	62.28 0.79 -5.30	59.35 1.05 0.00	45.94 0.81 0.00	39.05 0.73 0.00	38.88 0.91 0.00	36.28 0.82 0.00	36.71 0.83 0.00	37.51 0.84 0.00	42.67 0.84 0.00	46.78 1.01 0.00	61.01 1.37 0.00	69.71 1.23 0.00	80.80 1.43 0.00	70.94 0.91 0.00	66.12 0.91 0.00	57.96 0.91 0.00	53.64 0.74 0.00
GILBOA___4 23759	42.65 0.79 0.00	39.30 0.88 0.00	38.65 0.87 0.00	38.10 0.78 0.00	39.12 0.77 0.00	44.08 0.78 0.00	55.08 1.08 0.00	62.28 0.79 -5.30	59.35 1.05 0.00	45.94 0.81 0.00	39.05 0.73 0.00	38.88 0.91 0.00	36.28 0.82 0.00	36.71 0.83 0.00	37.51 0.84 0.00	42.67 0.84 0.00	46.78 1.01 0.00	61.01 1.37 0.00	69.71 1.23 0.00	80.80 1.43 0.00	70.94 0.91 0.00	66.12 0.91 0.00	57.96 0.91 0.00	53.64 0.74 0.00

GILBOA____ 23599	42.61 0.75 0.00	39.30 0.88 0.00	38.65 0.87 0.00	38.10 0.78 0.00	39.12 0.77 0.00	44.08 0.78 0.00	55.08 1.08 0.00	62.28 0.79 -5.30	59.35 1.05 0.00	45.94 0.81 0.00	39.05 0.73 0.00	38.89 0.91 0.00	36.28 0.82 0.00	36.71 0.83 0.00	37.51 0.84 0.00	42.67 0.84 0.00	46.78 1.01 0.00	61.01 1.37 0.00	69.71 1.23 0.00	80.79 1.43 0.00	70.87 0.84 0.00	66.05 0.85 0.00	57.96 0.91 0.00	53.59 0.69 0.00
GINNA____ 23603	39.01 -2.85 0.00	35.62 -2.80 0.00	34.98 -2.80 0.00	34.56 -2.76 0.00	35.51 -2.84 0.00	39.97 -3.33 0.00	50.11 -3.89 0.00	52.65 -3.54 0.00	54.22 -4.08 0.00	42.19 -2.93 0.00	35.72 -2.61 0.00	35.16 -2.81 0.00	33.16 -2.30 0.00	33.51 -2.37 0.00	33.99 -2.68 0.00	38.78 -3.05 0.00	42.62 -3.16 0.00	55.70 -3.94 0.00	64.09 -4.38 0.00	74.05 -5.32 0.00	65.52 -4.62 -0.11	60.96 -4.44 -0.19	53.34 -3.71 0.00	49.62 -3.28 0.00
GLEN PARK____ 23778	41.28 -0.59 0.00	37.84 -0.58 0.00	37.17 -0.61 0.00	36.72 -0.60 0.00	38.57 -0.38 -0.60	42.90 -0.43 -0.03	56.90 0.00 -2.90	66.92 0.62 -10.11	57.90 -0.41 0.00	43.64 -1.49 0.00	36.52 -1.80 0.00	36.30 -1.67 0.00	33.76 -1.70 0.00	34.23 -1.65 0.00	35.09 -1.58 0.00	40.62 -1.21 0.00	44.86 -0.92 0.00	60.66 -0.65 -1.67	84.14 0.61 -15.05	97.62 1.83 -16.43	91.68 2.03 -19.62	76.90 2.15 -9.54	63.22 1.60 -4.58	56.17 1.27 -2.00
GLENDALE_27_KV_LOAD 356172	44.29 2.43 0.00	40.61 2.19 0.00	39.93 2.15 0.00	39.26 1.94 0.00	40.27 1.92 0.00	45.56 2.25 0.00	57.35 3.35 0.00	96.97 3.20 -37.58	62.09 3.79 0.00	50.06 3.29 -1.65	50.07 2.84 -8.92	49.77 2.92 -8.88	45.97 2.70 -7.81	46.76 2.83 -8.04	44.66 2.82 -5.17	49.79 3.10 -4.86	53.97 3.34 -4.86	64.11 4.47 0.00	73.47 5.00 0.00	85.24 5.87 0.00	74.30 4.27 0.00	69.05 3.85 0.00	60.47 3.42 0.00	55.81 2.91 0.00
GLENWOOD_IC_1_G5 23712	44.21 2.34 0.00	40.53 2.11 0.00	39.82 2.04 0.00	39.15 1.83 0.00	40.19 1.84 0.00	45.43 2.12 0.00	57.30 3.29 0.00	95.91 2.19 -37.53	61.16 2.86 0.00	49.66 2.89 -1.64	49.87 2.64 -8.90	49.57 2.73 -8.86	45.78 2.52 -7.80	46.46 2.55 -8.03	44.55 2.71 -5.16	49.78 3.10 -4.85	54.10 3.48 -4.85	63.69 4.06 0.00	73.06 4.59 0.00	84.84 5.48 0.00	74.23 4.20 0.00	68.66 3.46 0.00	60.02 2.97 0.00	55.44 2.54 0.00
GLENWOOD_IC_2_G1 23688	44.04 2.18 0.00	40.34 1.92 0.00	39.67 1.89 0.00	39.00 1.68 0.00	40.00 1.65 0.00	45.43 2.12 0.00	57.08 3.08 0.00	96.19 2.47 -37.53	61.33 3.03 0.00	49.47 2.71 -1.64	49.71 2.49 -8.90	49.38 2.54 -8.86	45.60 2.34 -7.80	46.31 2.40 -8.03	44.33 2.49 -5.16	49.53 2.85 -4.85	53.83 3.20 -4.85	63.75 4.11 0.00	73.06 4.59 0.00	84.77 5.40 0.00	74.16 4.13 0.00	68.79 3.58 0.00	60.13 3.08 0.00	55.54 2.64 0.00
GLENWOOD_IC_3_G1 23689	44.04 2.18 0.00	40.34 1.92 0.00	39.67 1.89 0.00	39.00 1.68 0.00	40.00 1.65 0.00	45.43 2.12 0.00	57.08 3.08 0.00	96.19 2.47 -37.53	61.33 3.03 0.00	49.47 2.71 -1.64	49.71 2.49 -8.90	49.38 2.54 -8.86	45.60 2.34 -7.80	46.31 2.40 -8.03	44.33 2.49 -5.16	49.53 2.85 -4.85	53.83 3.20 -4.85	63.75 4.11 0.00	73.06 4.59 0.00	84.77 5.40 0.00	74.16 4.13 0.00	68.79 3.58 0.00	60.13 3.08 0.00	55.54 2.64 0.00
GLENWOOD___4 23550	44.21 2.34 0.00	40.53 2.11 0.00	39.82 2.04 0.00	39.15 1.83 0.00	40.19 1.84 0.00	45.43 2.12 0.00	57.30 3.29 0.00	96.08 2.36 -37.53	61.27 2.97 0.00	49.66 2.89 -1.64	49.87 2.64 -8.90	49.57 2.73 -8.86	45.78 2.52 -7.80	46.46 2.55 -8.03	44.55 2.71 -5.16	49.78 3.10 -4.85	54.10 3.48 -4.85	63.87 4.23 0.00	73.20 4.72 0.00	85.00 5.63 0.00	74.37 4.34 0.00	68.86 3.65 0.00	60.19 3.14 0.00	55.55 2.65 0.00
GLENWOOD___5 23614	44.21 2.34 0.00	40.53 2.11 0.00	39.82 2.04 0.00	39.15 1.83 0.00	40.19 1.84 0.00	45.43 2.12 0.00	57.30 3.29 0.00	96.08 2.36 -37.53	61.27 2.97 0.00	49.66 2.89 -1.64	49.87 2.64 -8.90	49.57 2.73 -8.86	45.78 2.52 -7.80	46.46 2.55 -8.03	44.55 2.71 -5.16	49.78 3.10 -4.85	54.10 3.48 -4.85	63.87 4.23 0.00	73.20 4.72 0.00	85.00 5.63 0.00	74.37 4.34 0.00	68.86 3.65 0.00	60.19 3.14 0.00	55.55 2.65 0.00
GLOBAL GREEN_PORT_GT1 23814	45.00 3.14 0.00	41.11 2.69 0.00	40.27 2.49 0.00	39.48 2.16 0.00	40.50 2.15 0.00	46.16 2.86 0.00	57.57 3.56 0.00	95.29 1.57 -37.53	60.81 2.51 0.00	49.02 2.26 -1.64	49.83 2.61 -8.90	49.42 2.58 -8.86	45.74 2.48 -7.80	46.31 2.40 -8.03	44.62 2.79 -5.16	49.61 2.93 -4.85	54.29 3.66 -4.85	64.17 4.53 0.00	73.47 5.00 0.00	85.95 6.58 0.00	75.56 5.53 0.00	70.10 4.89 0.00	61.56 4.51 0.00	56.34 3.44 0.00
GLOBE___DSASP 323697	37.07 -4.77 0.02	33.62 -4.80 0.00	33.17 -4.61 0.00	32.65 -4.66 0.00	33.48 -4.87 0.00	37.32 -5.93 0.05	38.40 -6.97 8.63	40.03 -7.14 9.03	44.58 -7.52 6.20	39.36 -5.73 0.03	33.51 -4.79 0.02	32.17 -4.97 0.83	31.12 -4.29 0.05	29.84 -4.23 1.81	30.05 -4.33 2.29	30.06 -5.19 6.58	32.74 -5.81 7.22	42.87 -7.10 9.67	52.88 -8.22 7.38	60.55 -9.84 8.98	60.17 -9.31 0.54	55.50 -8.80 0.90	49.84 -7.19 0.02	46.64 -6.24 0.02
GOETHSLN___LBMP 323567	43.74 1.88 0.01	40.10 1.69 0.01	39.47 1.70 0.01	38.84 1.53 0.01	39.80 1.46 0.01	45.12 1.82 0.01	56.87 2.86 0.00	96.54 2.75 -37.60	61.57 3.26 0.00	49.61 2.84 -1.65	49.73 2.49 -8.92	49.44 2.58 -8.88	45.65 2.38 -7.81	46.37 2.44 -8.04	44.34 2.49 -5.17	49.50 2.80 -4.86	53.61 2.98 -4.86	63.57 3.94 0.00	72.86 4.38 0.00	84.52 5.16 0.00	73.74 3.71 0.00	68.40 3.20 0.00	59.79 2.74 0.00	55.11 2.22 0.01
GOLAH___69_KV_TB 1_2 80279	40.06 -1.80 0.00	36.42 -2.00 0.00	35.81 -1.96 0.00	35.34 -1.98 0.00	36.32 -2.03 0.00	40.88 -2.43 0.00	51.32 -2.70 -0.01	53.73 -2.47 -0.01	55.22 -3.09 -0.01	42.87 -2.26 0.00	36.37 -1.95 0.00	35.73 -2.24 0.00	33.66 -1.81 0.00	34.13 -1.76 0.00	34.62 -2.05 0.00	39.41 -2.43 -0.01	43.22 -2.56 -0.01	56.67 -2.98 -0.01	65.34 -3.15 -0.01	75.65 -3.73 -0.01	66.90 -3.22 -0.09	62.29 -3.06 -0.15	54.60 -2.45 0.00	50.84 -2.06 0.00
GOODYEAR_LAKE_HYD 323669	42.70 0.84 0.00	39.23 0.81 0.00	38.57 0.79 0.00	38.06 0.75 0.00	39.16 0.81 0.00	44.26 0.95 0.00	55.68 1.67 0.00	53.55 1.85 4.49	60.05 1.75 0.00	46.07 0.95 0.00	38.90 0.57 0.00	38.73 0.76 0.00	36.14 0.67 0.00	36.64 0.75 0.00	37.44 0.77 0.00	42.84 1.00 0.00	47.06 1.28 0.00	61.60 1.97 0.00	70.87 2.40 0.00	82.38 3.02 0.00	72.34 2.31 0.00	67.23 2.02 0.00	58.82 1.77 0.00	54.38 1.48 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	41.57 -0.29 0.00	38.07 -0.35 0.00	37.44 -0.34 0.00	36.94 -0.37 0.00	37.93 -0.42 0.00	42.96 -0.35 0.00	53.90 -0.11 0.00	50.48 -0.06 5.66	58.13 -0.17 0.00	44.90 -0.23 0.00	38.05 -0.27 0.00	37.75 -0.23 0.00	35.25 -0.21 0.00	35.81 -0.07 0.00	36.52 -0.15 0.00	41.66 -0.17 0.00	45.59 -0.18 0.00	59.76 0.12 0.00	68.61 0.14 0.00	79.52 0.16 0.00	69.77 -0.14 0.12	64.74 -0.26 0.20	56.94 -0.11 0.00	52.74 -0.16 0.00

GOWANUS_GT4_5 24134	44.33 2.47 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.30 1.98 0.00	40.27 1.92 0.00	45.51 2.21 0.00	57.35 3.35 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.86 2.59 -7.81	46.61 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.65 3.02 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.76 5.40 0.00	73.95 3.92 0.00	68.86 3.65 0.00	60.47 3.42 0.00	55.81 2.91 0.00
GOWANUS_GT4_6 24135	44.33 2.47 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.30 1.98 0.00	40.27 1.92 0.00	45.51 2.21 0.00	57.35 3.35 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.86 2.59 -7.81	46.61 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.65 3.02 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.76 5.40 0.00	73.95 3.92 0.00	68.86 3.65 0.00	60.47 3.42 0.00	55.81 2.91 0.00
GOWANUS_GT4_7 24136	44.33 2.47 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.30 1.98 0.00	40.27 1.92 0.00	45.51 2.21 0.00	57.35 3.35 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.86 2.59 -7.81	46.61 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.65 3.02 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.76 5.40 0.00	73.95 3.92 0.00	68.86 3.65 0.00	60.47 3.42 0.00	55.81 2.91 0.00
GOWANUS_GT4_8 24137	44.33 2.47 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.30 1.98 0.00	40.27 1.92 0.00	45.51 2.21 0.00	57.35 3.35 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.86 2.59 -7.81	46.61 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.65 3.02 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.76 5.40 0.00	73.95 3.92 0.00	68.86 3.65 0.00	60.47 3.42 0.00	55.81 2.91 0.00
GREATVR_69_KV_BK1 356245	45.08 3.22 0.00	41.26 2.84 0.00	40.46 2.68 0.00	39.71 2.39 0.00	40.81 2.45 0.00	46.12 2.81 0.00	58.22 4.21 0.00	96.42 2.70 -37.53	61.86 3.56 0.00	49.97 3.20 -1.64	50.25 3.03 -8.90	49.87 3.04 -8.86	46.13 2.87 -7.80	46.74 2.83 -8.03	44.99 3.15 -5.16	50.24 3.56 -4.85	54.88 4.26 -4.85	64.88 5.25 0.00	74.36 5.89 0.00	86.83 7.46 0.00	75.98 5.95 0.00	70.09 4.89 0.00	61.56 4.51 0.00	56.50 3.60 0.00
GREENBSH_115KV_TB3 55895	43.12 1.26 0.00	39.69 1.27 0.00	38.99 1.21 0.00	38.47 1.16 0.00	39.46 1.11 0.00	44.60 1.30 0.00	54.87 0.86 0.00	68.45 0.39 -11.86	59.00 0.70 0.00	46.07 0.50 -0.45	41.35 0.57 -2.46	40.99 0.57 -2.45	38.08 0.46 -2.15	38.49 0.39 -2.22	38.54 0.44 -1.43	43.67 0.50 -1.34	47.76 0.60 -1.39	60.41 0.78 0.00	69.16 0.68 0.00	80.08 0.71 0.00	70.31 0.28 0.00	65.53 0.33 0.00	57.39 0.34 0.00	53.16 0.26 0.00
GREENDGE_115KV_TB5 80291	40.52 -1.34 0.00	37.00 -1.42 0.00	36.42 -1.36 0.00	35.94 -1.38 0.00	36.89 -1.46 0.00	41.88 -1.47 -0.05	65.85 -2.00 -13.85	68.82 -1.85 -14.48	65.85 -2.39 -9.94	43.65 -1.49 -0.01	36.87 -1.46 0.00	37.78 -1.52 -1.32	34.20 -1.31 -0.05	37.60 -1.18 -2.91	39.03 -1.32 -3.68	50.85 -1.55 -10.56	55.25 -2.11 -11.58	73.12 -2.03 -15.51	78.26 -2.05 -11.84	91.54 -2.22 -14.40	68.65 -2.24 -0.86	64.51 -2.15 -1.46	55.85 -1.20 0.00	51.84 -1.06 0.00
GREENIDGE__3 23582	40.52 -1.34 0.00	37.00 -1.42 0.00	36.42 -1.36 0.00	35.94 -1.38 0.00	36.89 -1.46 0.00	41.88 -1.47 -0.05	65.85 -2.00 -13.85	68.82 -1.85 -14.48	65.85 -2.39 -9.94	43.65 -1.49 -0.01	36.87 -1.46 0.00	37.78 -1.52 -1.32	34.20 -1.31 -0.05	37.60 -1.18 -2.91	39.03 -1.32 -3.68	50.85 -1.55 -10.56	55.25 -2.11 -11.58	73.12 -2.03 -15.51	78.26 -2.05 -11.84	91.54 -2.22 -14.40	68.65 -2.24 -0.86	64.51 -2.15 -1.46	55.85 -1.20 0.00	51.84 -1.06 0.00
GREENIDGE__4 23583	40.52 -1.34 0.00	37.07 -1.35 0.00	36.42 -1.36 0.00	35.94 -1.38 0.00	36.93 -1.42 0.00	41.88 -1.47 -0.05	65.86 -2.00 -13.85	68.82 -1.85 -14.48	65.85 -2.39 -9.94	43.61 -1.53 -0.01	36.87 -1.46 0.00	37.78 -1.52 -1.32	34.16 -1.35 -0.05	37.60 -1.18 -2.91	39.03 -1.32 -3.68	50.85 -1.55 -10.56	55.30 -2.06 -11.58	73.12 -2.03 -15.51	78.26 -2.05 -11.84	91.54 -2.22 -14.40	68.72 -2.17 -0.86	64.51 -2.15 -1.46	55.85 -1.20 0.00	51.95 -0.95 0.00
GREENLWN_69_KV_BK 3 55738	44.33 2.47 0.00	40.61 2.19 0.00	39.86 2.08 0.00	39.15 1.83 0.00	40.19 1.84 0.00	45.43 2.12 0.00	57.19 3.19 0.00	95.52 1.80 -37.53	60.92 2.62 0.00	49.43 2.66 -1.64	49.71 2.49 -8.90	49.42 2.58 -8.86	45.67 2.41 -7.80	46.31 2.40 -8.03	44.47 2.64 -5.16	49.70 3.01 -4.85	54.15 3.52 -4.85	63.75 4.11 0.00	73.13 4.66 0.00	85.16 5.79 0.00	74.58 4.55 0.00	68.86 3.65 0.00	60.30 3.25 0.00	55.60 2.70 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	44.33 2.47 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.30 1.98 0.00	40.27 1.92 0.00	45.51 2.21 0.00	57.35 3.35 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.86 2.59 -7.81	46.61 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.65 3.02 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.76 5.40 0.00	73.95 3.92 0.00	68.86 3.65 0.00	60.47 3.42 0.00	55.81 2.91 0.00
GRISSOM__SOLAR 323813	43.54 1.68 0.00	39.96 1.54 0.00	39.29 1.51 0.00	38.81 1.49 0.00	39.89 1.54 0.00	45.25 1.95 0.00	56.97 2.97 0.00	67.00 2.81 -8.00	60.22 1.92 0.00	45.98 0.54 -0.31	40.07 0.08 -1.67	39.79 0.15 -1.67	37.04 0.11 -1.47	37.39 0.00 -1.51	37.75 0.11 -0.97	43.21 0.46 -0.91	47.69 0.96 -0.96	61.96 2.32 0.00	72.17 3.70 0.00	84.52 5.16 0.00	74.30 4.27 0.00	68.92 3.71 0.00	60.19 3.14 0.00	55.65 2.75 0.00
GROVEVILLE__HYD 323602	43.75 1.88 0.00	40.15 1.73 0.00	39.52 1.74 0.00	38.92 1.60 0.00	39.92 1.57 0.00	45.17 1.86 0.00	56.87 2.86 0.00	91.82 2.70 -32.93	61.27 2.97 0.00	48.22 2.35 -0.75	44.44 2.07 -4.05	44.05 2.05 -4.03	40.78 1.77 -3.55	41.43 1.90 -3.65	41.00 1.98 -2.35	46.34 2.30 -2.21	50.49 2.61 -2.11	63.39 3.76 0.00	72.79 4.31 0.00	84.45 5.08 0.00	73.88 3.85 0.00	68.53 3.33 0.00	59.96 2.91 0.00	55.28 2.38 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	41.65 -0.21 0.00	38.19 -0.23 0.00	37.55 -0.23 0.00	37.09 -0.22 0.00	38.18 -0.23 -0.06	43.05 -0.26 0.00	53.90 -0.11 0.00	56.25 0.06 0.00	58.24 -0.06 0.00	44.99 -0.14 0.00	38.17 -0.15 0.00	37.78 -0.19 0.00	35.36 -0.11 0.00	35.77 -0.11 0.00	36.52 -0.15 0.00	41.66 -0.17 0.00	45.64 -0.14 0.00	59.70 0.06 0.00	68.48 0.00 0.00	79.45 0.08 0.00	69.96 -0.07 0.00	65.14 -0.07 0.00	56.99 -0.06 0.00	52.94 -0.11 0.00
HAMLTNNY_34_KV_TB 80303	41.65 -0.21 0.00	38.19 -0.23 0.00	37.51 -0.26 0.00	37.09 -0.22 0.00	38.08 -0.27 0.00	43.00 -0.30 0.00	53.95 -0.05 0.00	56.25 0.06 0.00	58.18 -0.12 0.00	44.99 -0.14 0.00	38.13 -0.19 0.00	37.75 -0.23 0.00	35.32 -0.14 0.00	35.77 -0.11 0.00	36.49 -0.18 0.00	41.62 -0.21 0.00	45.59 -0.18 0.00	59.70 0.06 0.00	68.54 0.07 0.00	79.52 0.16 0.00	70.03 0.00 0.00	65.14 -0.07 0.00	56.99 -0.06 0.00	52.85 -0.05 0.00

HAMPSHIRE___PAPER_HYD 323593	40.61 -1.25 0.00	37.07 -1.35 0.00	36.45 -1.32 0.00	36.01 -1.31 0.00	38.70 -1.26 -1.61	41.91 -1.47 -0.08	59.07 -1.67 -6.74	78.03 -1.68 -23.53	55.91 -2.39 0.00	42.73 -2.39 0.00	35.98 -2.34 0.00	35.77 -2.20 0.00	33.34 -2.13 0.00	33.73 -2.15 0.00	34.58 -2.09 0.00	39.78 -2.05 0.00	43.44 -2.33 0.00	60.61 -2.92 -3.89	100.96 -2.53 -35.02	115.28 -2.30 -38.22	114.35 -1.33 -45.65	87.08 -0.32 -22.20	67.36 -0.34 -10.65	57.34 -0.21 -4.65
HARDSCRABBLE_WT_PWR 323673	41.06 -0.80 0.00	37.69 -0.73 0.00	37.06 -0.72 0.00	36.61 -0.71 0.00	37.68 -0.73 -0.06	42.44 -0.87 0.00	53.19 -1.08 -0.27	55.95 -1.18 -0.94	57.07 -1.23 0.00	44.00 -1.13 0.00	37.33 -1.00 0.00	37.06 -0.91 0.00	34.58 -0.89 0.00	34.99 -0.90 0.00	35.75 -0.92 0.00	40.83 -1.00 0.00	44.77 -1.01 0.00	58.54 -1.26 -0.16	68.64 -1.23 -1.40	79.62 -1.27 -1.52	70.80 -1.05 -1.82	65.24 -0.85 -0.89	56.85 -0.63 -0.42	52.56 -0.53 -0.19
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	43.45 1.59 0.00	39.84 1.42 0.00	39.25 1.47 0.00	38.66 1.34 0.00	39.62 1.27 0.00	44.82 1.52 0.00	56.49 2.48 0.00	105.25 2.30 -46.76	60.87 2.57 0.00	50.76 2.08 -3.56	59.47 1.84 -19.31	59.02 1.82 -19.22	54.01 1.63 -16.91	55.05 1.76 -17.41	49.67 1.80 -11.20	54.45 2.09 -10.53	58.99 2.33 -10.88	62.86 3.22 0.00	72.17 3.70 0.00	83.65 4.29 0.00	73.18 3.15 0.00	67.81 2.61 0.00	59.33 2.28 0.00	54.75 1.85 0.00
HARSNRAD_115KV_TB1 81005	37.21 -4.65 0.00	33.77 -4.65 0.00	33.32 -4.46 0.00	32.73 -4.59 0.00	33.60 -4.76 0.00	37.56 -5.72 0.03	38.92 -6.64 8.44	40.57 -6.80 8.82	45.07 -7.17 6.06	39.66 -5.46 0.01	33.72 -4.60 0.00	32.53 -4.63 0.81	31.29 -4.15 0.03	30.23 -3.88 1.78	30.24 -4.18 2.25	30.38 -5.02 6.44	33.13 -5.58 7.06	43.45 -6.74 9.45	53.53 -7.74 7.21	61.31 -9.29 8.77	83.65 -8.61 0.43	73.18 -8.22 0.72	67.81 -6.67 0.00	59.33 -5.82 0.00
HARZA MOOSE___RIVER 24016	41.28 -0.59 0.00	37.84 -0.58 0.00	37.17 -0.60 0.00	36.72 -0.60 0.00	38.31 -0.50 -0.45	42.76 -0.56 -0.02	55.53 -0.43 -1.96	62.92 -0.11 -6.85	57.72 -0.58 0.00	44.13 -0.99 0.00	37.17 -1.15 0.00	36.95 -1.03 0.00	34.44 -1.03 0.00	34.88 -1.00 0.00	35.68 -0.99 0.00	40.99 -0.84 0.00	45.09 -0.69 0.00	60.11 -0.66 -1.13	78.60 -0.07 -10.19	90.96 0.48 -11.12	83.94 0.63 -13.28	71.81 0.91 -5.69	60.46 0.68 -2.73	54.89 0.63 -1.35
HDSNBRDG_115KV_BRDG_TB1 355580	41.40 -0.46 0.00	37.96 -0.46 0.00	37.32 -0.45 0.00	36.87 -0.45 0.00	37.92 -0.50 -0.06	42.74 -0.56 0.00	53.79 -0.43 -0.22	56.62 -0.34 -0.77	57.89 -0.41 0.00	44.76 -0.36 0.00	37.98 -0.34 0.00	37.63 -0.34 0.00	35.18 -0.28 0.00	35.63 -0.25 0.00	36.34 -0.33 0.00	41.45 -0.38 0.00	45.41 -0.37 0.00	59.41 -0.36 -0.13	69.21 -0.41 -1.14	80.14 -0.48 -1.25	70.96 -0.56 -1.49	65.26 -0.59 -0.64	56.84 -0.51 -0.31	52.52 -0.53 -0.15
HELLGATE_13_KV_LD 55870	44.33 2.47 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.30 1.98 0.00	40.31 1.96 0.00	45.60 2.30 0.00	57.35 3.35 0.00	96.97 3.20 -37.58	62.03 3.73 0.00	50.06 3.29 -1.65	50.04 2.80 -8.92	49.77 2.92 -8.88	46.00 2.73 -7.81	46.76 2.83 -8.04	44.66 2.82 -5.17	49.79 3.10 -4.86	53.93 3.30 -4.86	64.11 4.47 0.00	73.41 4.93 0.00	85.16 5.79 0.00	74.30 4.27 0.00	68.99 3.78 0.00	60.42 3.37 0.00	55.81 2.91 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	44.33 2.47 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.30 1.98 0.00	40.31 1.96 0.00	45.60 2.30 0.00	57.35 3.35 0.00	96.97 3.20 -37.58	62.03 3.73 0.00	50.06 3.29 -1.65	50.04 2.80 -8.92	49.77 2.92 -8.88	46.00 2.73 -7.81	46.76 2.83 -8.04	44.66 2.82 -5.17	49.79 3.10 -4.86	53.93 3.30 -4.86	64.11 4.47 0.00	73.41 4.93 0.00	85.16 5.79 0.00	74.30 4.27 0.00	68.99 3.78 0.00	60.42 3.37 0.00	55.81 2.91 0.00
HEMPSTEAD___ 23647	44.29 2.43 0.00	40.57 2.15 0.00	39.85 2.08 0.00	39.18 1.87 0.00	40.19 1.84 0.00	45.64 2.34 0.00	57.30 3.29 0.00	95.91 2.19 -37.53	61.21 2.91 0.00	49.52 2.75 -1.64	49.79 2.57 -8.90	49.49 2.66 -8.86	45.70 2.45 -7.80	46.38 2.47 -8.03	44.51 2.68 -5.16	49.74 3.05 -4.85	54.15 3.52 -4.85	63.87 4.23 0.00	73.27 4.79 0.00	85.16 5.79 0.00	74.65 4.62 0.00	69.18 3.98 0.00	60.53 3.48 0.00	55.86 2.96 0.00
HICKLING___1 23621	40.19 -1.67 0.00	36.65 -1.77 0.00	36.08 -1.70 0.00	35.56 -1.75 0.00	36.55 -1.80 0.00	41.55 -1.78 -0.02	57.39 -1.73 -5.11	55.56 -1.69 -1.05	59.93 -2.04 -3.67	43.42 -1.71 -0.01	36.71 -1.61 0.00	36.91 -1.56 -0.49	34.06 -1.42 -0.02	35.77 -1.18 -1.07	36.71 -1.32 -1.36	44.23 -1.51 -3.90	48.31 -1.74 -4.28	63.75 -1.61 -5.73	71.13 -1.71 -4.37	82.78 -1.90 -5.32	67.72 -2.10 0.20	62.84 -2.02 0.35	55.51 -1.54 0.00	51.58 -1.32 0.00
HICKLING___2 23622	40.19 -1.67 0.00	36.65 -1.77 0.00	36.08 -1.70 0.00	35.56 -1.75 0.00	36.55 -1.80 -0.02	41.55 -1.78 -5.11	57.39 -1.73 -1.05	55.56 -1.69 -1.05	59.93 -2.04 -3.67	43.42 -1.71 -0.01	36.71 -1.61 0.00	36.91 -1.56 -0.49	34.06 -1.42 -0.02	35.77 -1.18 -1.07	36.71 -1.32 -1.36	44.23 -1.51 -3.90	48.31 -1.74 -4.28	63.75 -1.61 -5.73	71.13 -1.71 -4.37	82.78 -1.90 -5.32	67.72 -2.10 0.20	62.84 -2.02 0.35	55.51 -1.54 0.00	51.58 -1.32 0.00
HIGH FALLS___HY 23754	43.58 1.72 0.00	39.96 1.54 0.00	39.36 1.59 0.00	38.77 1.46 0.00	39.77 1.42 0.00	44.99 1.69 0.00	56.81 2.81 0.00	79.73 2.81 -20.73	61.22 2.92 0.00	47.65 2.21 -0.31	41.88 1.88 -1.68	41.51 1.86 -1.67	38.60 1.67 -1.47	39.23 1.83 -1.52	39.51 1.87 -0.97	44.92 2.18 -0.92	48.25 2.47 0.00	63.27 3.64 0.00	72.79 4.31 0.00	84.52 5.16 0.00	73.95 3.92 0.00	68.53 3.33 0.00	59.96 2.91 0.00	55.23 2.33 0.00
HIGH_RIVER___SOLAR 323847	42.99 1.13 0.00	39.49 1.07 0.00	38.83 1.06 0.00	38.36 1.04 0.00	39.39 1.04 0.00	44.60 1.30 0.00	55.84 1.84 0.00	66.88 1.68 -9.01	59.53 1.23 0.00	45.79 0.32 -0.35	40.17 -0.04 -1.89	39.86 0.00 -1.88	37.12 0.00 -1.65	37.51 -0.07 -1.70	37.80 0.04 -1.10	43.16 0.29 -1.03	47.54 0.69 -1.08	61.18 1.55 0.00	70.80 2.33 0.00	82.54 3.18 0.00	72.54 2.52 0.00	67.42 2.22 0.00	58.93 1.88 0.00	54.54 1.64 0.00
HILLBURN___GT 23639	43.49 1.63 0.00	39.88 1.46 0.00	39.25 1.47 0.00	38.66 1.34 0.00	39.61 1.26 0.00	44.91 1.60 0.00	56.49 2.49 0.00	111.77 2.30 -53.27	60.93 2.63 0.00	50.60 2.26 -3.22	57.75 1.99 -17.44	57.35 2.01 -17.36	52.58 1.84 -15.28	53.55 1.94 -15.73	48.76 1.98 -10.12	53.60 2.26 -9.51	57.99 2.42 -9.79	62.85 3.22 0.00	72.10 3.63 0.00	83.49 4.12 0.00	73.04 3.01 0.00	67.82 2.61 0.00	59.27 2.22 0.00	54.80 1.90 0.00
HILLSIDE_115KV_TB1 80332	39.94 -1.93 0.00	36.46 -1.96 0.00	35.89 -1.89 0.00	35.38 -1.94 0.00	36.32 -2.03 0.00	41.33 -1.99 -0.01	55.71 -2.11 -3.82	53.54 -2.19 0.46	58.59 -2.45 -2.74	43.14 -1.99 0.00	36.52 -1.80 0.00	36.63 -1.71 -0.36	33.92 -1.56 -0.01	35.32 -1.36 -0.80	36.18 -1.50 -1.01	43.03 -1.72 -2.91	47.00 -1.97 -3.19	61.82 -2.09 -4.27	69.48 -2.26 -3.26	80.64 -2.70 -3.97	67.12 -2.80 0.11	62.29 -2.74 0.18	54.88 -2.17 0.00	51.00 -1.90 0.00

HISHELDN_WT_PWR 323625	37.34 -4.52 0.00	34.04 -4.38 0.00	33.47 -4.31 0.00	32.91 -4.40 0.00	33.75 -4.60 0.00	37.98 -5.24 0.08	23.47 -6.10 24.43	24.52 -6.12 25.55	34.17 -6.59 17.54	39.91 -5.19 0.03	33.88 -4.44 0.00	31.16 -4.48 2.34	31.31 -4.08 0.08	26.92 -3.84 5.13	26.11 -4.07 6.49	18.52 -4.68 18.63	20.30 -5.04 20.43	26.32 -5.96 27.36	41.02 -6.57 20.88	46.42 -7.54 25.40	62.04 -7.00 0.99	56.95 -6.58 1.67	51.69 -5.36 0.00	48.35 -4.55 0.00
HOLTSVILLE_IC_1 23690	44.67 2.81 0.00	40.88 2.46 0.00	40.08 2.30 0.00	39.37 2.05 0.00	40.42 2.07 0.00	45.99 2.69 0.00	57.51 3.51 0.00	95.57 1.85 -37.53	61.10 2.80 0.00	49.38 2.62 -1.64	49.83 2.61 -8.90	49.49 2.66 -8.86	45.74 2.48 -7.80	46.38 2.47 -8.03	44.58 2.75 -5.16	49.74 3.05 -4.85	54.29 3.66 -4.85	63.99 4.35 0.00	73.27 4.79 0.00	85.39 6.03 0.00	74.93 4.90 0.00	69.51 4.30 0.00	60.98 3.93 0.00	56.23 3.33 0.00
HOLTSVILLE_IC_10 23699	44.88 3.02 0.00	41.03 2.61 0.00	40.23 2.45 0.00	39.52 2.20 0.00	40.57 2.22 0.00	46.21 2.90 0.00	57.78 3.78 0.00	95.80 2.08 -37.53	61.33 3.03 0.00	49.57 2.80 -1.64	49.98 2.76 -8.90	49.61 2.77 -8.86	45.88 2.62 -7.80	46.53 2.62 -8.03	44.77 2.93 -5.16	49.91 3.22 -4.85	54.47 3.85 -4.85	64.29 4.65 0.00	73.61 5.14 0.00	85.88 6.51 0.00	75.35 5.32 0.00	69.83 4.63 0.00	61.33 4.28 0.00	56.44 3.54 0.00
HOLTSVILLE_IC_2 23691	44.67 2.81 0.00	40.88 2.46 0.00	40.08 2.30 0.00	39.37 2.05 0.00	40.42 2.07 0.00	45.99 2.69 0.00	57.51 3.51 0.00	95.57 1.85 -37.53	61.10 2.80 0.00	49.38 2.62 -1.64	49.83 2.61 -8.90	49.49 2.66 -8.86	45.74 2.48 -7.80	46.38 2.47 -8.03	44.58 2.75 -5.16	49.74 3.05 -4.85	54.29 3.66 -4.85	63.99 4.35 0.00	73.27 4.79 0.00	85.39 6.03 0.00	74.93 4.90 0.00	69.51 4.30 0.00	60.98 3.93 0.00	56.23 3.33 0.00
HOLTSVILLE_IC_3 23692	44.67 2.81 0.00	40.88 2.46 0.00	40.08 2.30 0.00	39.37 2.05 0.00	40.42 2.07 0.00	45.99 2.69 0.00	57.51 3.51 0.00	95.57 1.85 -37.53	61.10 2.80 0.00	49.38 2.62 -1.64	49.83 2.61 -8.90	49.49 2.66 -8.86	45.74 2.48 -7.80	46.38 2.47 -8.03	44.58 2.75 -5.16	49.74 3.05 -4.85	54.29 3.66 -4.85	63.99 4.35 0.00	73.27 4.79 0.00	85.39 6.03 0.00	74.93 4.90 0.00	69.51 4.30 0.00	60.98 3.93 0.00	56.23 3.33 0.00
HOLTSVILLE_IC_4 23693	44.67 2.81 0.00	40.88 2.46 0.00	40.08 2.30 0.00	39.37 2.05 0.00	40.42 2.07 0.00	45.99 2.69 0.00	57.51 3.51 0.00	95.57 1.85 -37.53	61.10 2.80 0.00	49.38 2.62 -1.64	49.83 2.61 -8.90	49.49 2.66 -8.86	45.74 2.48 -7.80	46.38 2.47 -8.03	44.58 2.75 -5.16	49.74 3.05 -4.85	54.29 3.66 -4.85	63.99 4.35 0.00	73.27 4.79 0.00	85.39 6.03 0.00	74.93 4.90 0.00	69.51 4.30 0.00	60.98 3.93 0.00	56.23 3.33 0.00
HOLTSVILLE_IC_5 23694	44.67 2.81 0.00	40.88 2.46 0.00	40.08 2.30 0.00	39.37 2.05 0.00	40.42 2.07 0.00	45.99 2.69 0.00	57.51 3.51 0.00	95.57 1.85 -37.53	61.10 2.80 0.00	49.38 2.62 -1.64	49.83 2.61 -8.90	49.49 2.66 -8.86	45.74 2.48 -7.80	46.38 2.47 -8.03	44.58 2.75 -5.16	49.74 3.05 -4.85	54.29 3.66 -4.85	63.99 4.35 0.00	73.27 4.79 0.00	85.39 6.03 0.00	74.93 4.90 0.00	69.51 4.30 0.00	60.98 3.93 0.00	56.23 3.33 0.00
HOLTSVILLE_IC_6 23695	44.88 3.02 0.00	41.03 2.61 0.00	40.23 2.45 0.00	39.52 2.20 0.00	40.57 2.22 0.00	46.21 2.90 0.00	57.78 3.78 0.00	95.80 2.08 -37.53	61.33 3.03 0.00	49.57 2.80 -1.64	49.98 2.76 -8.90	49.61 2.77 -8.86	45.88 2.62 -7.80	46.53 2.62 -8.03	44.77 2.93 -5.16	49.91 3.22 -4.85	54.47 3.85 -4.85	64.29 4.65 0.00	73.61 5.14 0.00	85.88 6.51 0.00	75.35 5.32 0.00	69.83 4.63 0.00	61.33 4.28 0.00	56.44 3.54 0.00
HOLTSVILLE_IC_7 23696	44.88 3.02 0.00	41.03 2.61 0.00	40.23 2.45 0.00	39.52 2.20 0.00	40.57 2.22 0.00	46.21 2.90 0.00	57.78 3.78 0.00	95.80 2.08 -37.53	61.33 3.03 0.00	49.57 2.80 -1.64	49.98 2.76 -8.90	49.61 2.77 -8.86	45.88 2.62 -7.80	46.53 2.62 -8.03	44.77 2.93 -5.16	49.91 3.22 -4.85	54.47 3.85 -4.85	64.29 4.65 0.00	73.61 5.14 0.00	85.88 6.51 0.00	75.35 5.32 0.00	69.83 4.63 0.00	61.33 4.28 0.00	56.44 3.54 0.00
HOLTSVILLE_IC_8 23697	44.88 3.02 0.00	41.03 2.61 0.00	40.23 2.45 0.00	39.52 2.20 0.00	40.57 2.22 0.00	46.21 2.90 0.00	57.78 3.78 0.00	95.80 2.08 -37.53	61.33 3.03 0.00	49.57 2.80 -1.64	49.98 2.76 -8.90	49.61 2.77 -8.86	45.88 2.62 -7.80	46.53 2.62 -8.03	44.77 2.93 -5.16	49.91 3.22 -4.85	54.47 3.85 -4.85	64.29 4.65 0.00	73.61 5.14 0.00	85.88 6.51 0.00	75.35 5.32 0.00	69.83 4.63 0.00	61.33 4.28 0.00	56.44 3.54 0.00
HOLTSVILLE_IC_9 23698	44.88 3.02 0.00	41.03 2.61 0.00	40.23 2.45 0.00	39.52 2.20 0.00	40.57 2.22 0.00	46.21 2.90 0.00	57.78 3.78 0.00	95.80 2.08 -37.53	61.33 3.03 0.00	49.57 2.80 -1.64	49.98 2.76 -8.90	49.61 2.77 -8.86	45.88 2.62 -7.80	46.53 2.62 -8.03	44.77 2.93 -5.16	49.91 3.22 -4.85	54.47 3.85 -4.85	64.29 4.65 0.00	73.61 5.14 0.00	85.88 6.51 0.00	75.35 5.32 0.00	69.83 4.63 0.00	61.33 4.28 0.00	56.44 3.54 0.00
HOMER_HL_115KV_TB2 355744	38.34 -3.52 0.00	34.92 -3.50 0.00	34.45 -3.32 0.00	33.85 -3.47 0.00	34.75 -3.60 0.00	40.29 -2.99 0.03	41.73 -3.35 8.92	43.55 -3.32 9.33	48.34 -3.56 6.41	41.91 -3.20 0.01	35.49 -2.84 0.00	34.73 -2.39 0.85	33.02 -2.41 0.03	32.18 -1.83 1.87	32.24 -2.05 2.37	32.56 -2.47 6.80	35.56 -2.75 7.46	46.66 -2.98 9.99	57.49 -3.36 7.63	66.12 -3.97 9.28	65.02 -4.48 0.52	59.89 -4.43 0.88	53.40 -3.65 0.00	49.36 -3.54 0.00
HOWARD_WT_PWR 323690	37.51 -4.35 0.00	34.15 -4.27 0.00	33.51 -4.27 0.00	32.95 -4.37 0.00	33.79 -4.56 0.00	38.48 -4.94 -0.12	82.86 -5.67 -34.52	86.73 -5.56 -36.10	76.73 -6.35 -24.78	39.97 -5.19 -0.04	33.80 -4.52 0.00	36.72 -4.56 -3.30	31.39 -4.19 -0.12	39.36 -3.77 -7.24	41.84 -4.00 -9.17	63.85 -4.31 -26.33	69.80 -4.85 -28.88	93.41 -4.89 -38.66	92.91 -5.07 -29.51	109.86 -5.40 -35.89	67.34 -5.04 -2.35	64.69 -4.50 -3.99	53.34 -3.71 0.00	49.89 -3.01 0.00
HQ_GEN_CEDARS 23644	41.78 -0.08 0.00	38.07 -0.35 0.00	37.48 -0.30 0.00	37.02 -0.30 0.00	42.44 0.08 -4.02	43.50 0.00 -0.20	70.12 -0.27 -16.39	113.11 -0.28 -57.20	57.66 -0.64 0.00	44.72 -0.41 0.00	37.82 -0.50 0.00	37.33 -0.65 0.00	34.86 -0.60 0.00	35.24 -0.65 0.00	36.12 -0.55 0.00	41.33 -0.50 0.00	44.95 -0.82 0.00	67.73 -1.37 -9.47	152.37 -1.23 -85.13	170.77 -1.51 -92.91	180.80 -0.21 -110.99	112.79 0.07 -47.52	80.12 0.29 -22.79	63.28 0.90 -9.48
HQ_GEN_CEDARS_PROXY 323590	41.78 -0.08 0.00	38.07 -0.35 0.00	37.47 -0.30 0.00	37.02 -0.30 0.00	42.44 0.08 -4.02	43.46 -0.04 -0.20	70.12 -0.27 -16.39	113.11 -0.28 -57.20	57.60 -0.70 0.00	44.72 -0.41 0.00	37.82 -0.50 0.00	37.33 -0.65 0.00	34.90 -0.57 0.00	35.24 -0.64 0.00	36.12 -0.55 0.00	41.33 -0.50 0.00	45.55 -0.82 -0.60	67.13 -1.37 -8.86	152.37 -1.23 -85.13	170.93 -1.35 -92.91	180.74 -0.28 -110.99	110.52 0.07 -45.25	78.92 0.17 -21.70	62.86 0.48 -9.48

HQ_GEN_CHPE_PROXY 323851	43.95 2.09 0.00	40.26 1.84 0.00	39.59 1.81 0.00	38.96 1.64 0.00	39.96 1.61 0.00	45.34 2.04 0.00	57.03 3.02 0.00	96.65 2.86 -37.60	61.68 3.38 0.00	49.70 2.93 -1.65	49.81 2.57 -8.92	49.47 2.62 -8.88	45.69 2.41 -7.81	46.44 2.51 -8.04	44.37 2.53 -5.17	49.54 2.85 -4.86	54.30 3.07 -5.46	63.15 4.11 0.60	73.06 4.59 0.00	84.60 5.24 0.00	73.95 3.92 0.00	68.66 3.45 0.00	60.07 3.02 0.00	55.49 2.59 0.00
HQ_GEN_IMPORT 323601	41.82 -0.04 0.00	38.30 -0.11 0.00	37.70 -0.08 0.00	37.28 -0.04 0.00	38.30 0.04 0.09	43.30 0.00 0.00	53.49 -0.16 0.36	54.89 -0.06 1.24	58.18 -0.12 0.00	45.08 -0.05 0.00	38.25 -0.08 0.00	37.86 -0.11 0.00	35.36 -0.11 0.00	35.77 -0.11 0.00	36.60 -0.07 0.00	41.75 -0.08 0.00	46.19 -0.18 -0.60	58.42 -0.41 0.81	66.22 -0.41 1.85	76.88 -0.47 2.02	67.62 0.00 2.41	64.10 0.07 1.17	56.49 0.00 0.56	52.76 0.11 0.25
HQ_GEN_WHEEL 23651	41.82 -0.04 0.00	38.30 -0.11 0.00	37.70 -0.08 0.00	37.28 -0.04 0.00	38.30 0.04 0.09	43.30 0.00 0.00	53.49 -0.16 0.36	54.89 -0.06 1.24	58.18 -0.12 0.00	45.08 -0.05 0.00	38.25 -0.08 0.00	37.86 -0.11 0.00	35.36 -0.11 0.00	35.77 -0.11 0.00	36.60 -0.07 0.00	41.75 -0.08 0.00	46.19 -0.18 -0.60	58.42 -0.41 0.81	66.22 -0.41 1.85	76.88 -0.47 2.02	67.62 0.00 2.41	64.10 0.07 1.17	56.49 0.00 0.56	52.76 0.11 0.25
HUDSON_AVE_GT_3 23810	44.00 2.13 0.00	40.34 1.92 0.00	39.67 1.89 0.00	39.03 1.72 0.00	40.04 1.69 0.00	45.34 2.04 0.00	57.19 3.19 0.00	96.82 3.03 -37.60	61.86 3.56 0.00	49.84 3.07 -1.65	49.93 2.68 -8.92	49.59 2.73 -8.88	45.79 2.52 -7.81	46.55 2.62 -8.04	44.48 2.64 -5.17	49.67 2.97 -4.86	53.84 3.20 -4.86	63.93 4.29 0.00	73.27 4.79 0.00	84.92 5.56 0.00	74.16 4.13 0.00	68.79 3.59 0.00	60.13 3.08 0.00	55.44 2.54 0.00
HUDSON_AVE_GT_4 23540	44.00 2.13 0.00	40.34 1.92 0.00	39.67 1.89 0.00	39.03 1.72 0.00	40.04 1.69 0.00	45.34 2.04 0.00	57.19 3.19 0.00	96.82 3.03 -37.60	61.86 3.56 0.00	49.84 3.07 -1.65	49.93 2.68 -8.92	49.59 2.73 -8.88	45.79 2.52 -7.81	46.55 2.62 -8.04	44.48 2.64 -5.17	49.67 2.97 -4.86	53.84 3.20 -4.86	63.93 4.29 0.00	73.27 4.79 0.00	84.92 5.56 0.00	74.16 4.13 0.00	68.79 3.59 0.00	60.13 3.08 0.00	55.44 2.54 0.00
HUDSON_AVE_GT_5 23657	44.00 2.13 0.00	40.34 1.92 0.00	39.67 1.89 0.00	39.03 1.72 0.00	40.04 1.69 0.00	45.34 2.04 0.00	57.19 3.19 0.00	96.82 3.03 -37.60	61.86 3.56 0.00	49.84 3.07 -1.65	49.93 2.68 -8.92	49.59 2.73 -8.88	45.79 2.52 -7.81	46.55 2.62 -8.04	44.48 2.64 -5.17	49.67 2.97 -4.86	53.84 3.20 -4.86	63.93 4.29 0.00	73.27 4.79 0.00	84.92 5.56 0.00	74.16 4.13 0.00	68.79 3.59 0.00	60.13 3.08 0.00	55.44 2.54 0.00
HUDSON_AVE_10 24168	43.83 1.97 0.00	40.19 1.77 0.00	39.52 1.74 0.00	38.89 1.57 0.00	39.88 1.53 0.00	45.21 1.91 0.00	57.03 3.02 0.00	96.65 2.87 -37.60	61.74 3.44 0.00	49.75 2.98 -1.65	49.81 2.57 -8.92	49.51 2.66 -8.88	45.69 2.41 -7.81	46.44 2.51 -8.04	44.37 2.53 -5.17	49.54 2.84 -4.86	53.70 3.07 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.76 5.40 0.00	73.95 3.92 0.00	68.60 3.39 0.00	59.96 2.91 0.00	55.28 2.38 0.00
HUDSON___115KV_TB 4 355613	43.62 1.76 0.00	40.07 1.65 0.00	39.40 1.62 0.00	38.92 1.60 0.00	39.92 1.57 0.00	45.17 1.86 0.00	55.73 1.73 0.00	70.23 1.24 -12.80	59.58 1.28 0.00	46.25 0.68 -0.45	41.28 0.54 -2.42	40.88 0.49 -2.41	37.94 0.35 -2.12	38.39 0.32 -2.19	38.44 0.37 -1.41	43.70 0.54 -1.32	47.97 0.82 -1.37	61.13 1.49 0.00	70.39 1.92 0.00	81.75 2.38 0.00	71.78 1.75 0.00	66.77 1.56 0.00	58.53 1.48 0.00	54.33 1.43 0.00
HUNTER MOUNT___DRP 323613	43.70 1.84 0.00	40.15 1.73 0.00	39.48 1.70 0.00	39.00 1.68 0.00	40.00 1.65 0.00	45.25 1.95 0.00	56.00 2.00 0.00	71.86 1.52 -14.16	59.76 1.46 0.00	46.29 0.72 -0.45	41.27 0.54 -2.41	40.83 0.46 -2.40	37.90 0.32 -2.11	38.35 0.29 -2.18	38.40 0.33 -1.40	43.69 0.54 -1.32	48.00 0.87 -1.35	61.31 1.67 0.00	70.74 2.26 0.00	82.22 2.86 0.00	72.20 2.17 0.00	67.16 1.96 0.00	58.88 1.83 0.00	54.59 1.69 0.00
HUNTINGTON_RES_REC 323705	44.54 2.68 0.00	40.76 2.34 0.00	40.01 2.23 0.00	39.26 1.94 0.00	40.34 1.99 0.00	45.86 2.55 0.00	57.41 3.40 0.00	95.63 1.91 -37.53	61.04 2.74 0.00	49.43 2.66 -1.64	49.79 2.57 -8.90	49.45 2.62 -8.86	45.70 2.45 -7.80	46.35 2.44 -8.03	44.55 2.71 -5.16	49.78 3.10 -4.85	54.29 3.66 -4.85	63.99 4.35 0.00	73.34 4.86 0.00	85.48 6.11 0.00	74.93 4.90 0.00	69.38 4.18 0.00	60.87 3.82 0.00	56.18 3.28 0.00
HUNTLEY___63 23557	37.68 -4.19 0.00	34.23 -4.19 0.00	33.77 -4.00 0.00	33.14 -4.18 0.00	34.06 -4.30 0.00	38.25 -5.02 0.03	38.80 -5.72 9.48	40.77 -5.51 9.91	45.67 -5.83 6.81	40.56 -4.56 0.01	34.41 -3.91 0.00	33.15 -3.91 0.91	31.96 -3.48 0.03	30.66 -3.23 1.99	30.66 -3.48 2.52	30.42 -4.18 7.23	33.18 -4.67 7.93	43.66 -5.37 10.61	54.21 -6.16 8.10	62.21 -7.30 9.85	62.68 -6.86 0.48	57.73 -6.65 0.82	51.69 -5.36 0.00	48.03 -4.87 0.00
HUNTLEY___64 23558	37.68 -4.19 0.00	34.23 -4.19 0.00	33.77 -4.00 0.00	33.14 -4.18 0.00	34.06 -4.30 0.00	38.25 -5.02 0.03	38.80 -5.72 9.48	40.77 -5.51 9.91	45.67 -5.83 6.81	40.56 -4.56 0.01	34.41 -3.91 0.00	33.15 -3.91 0.91	31.96 -3.48 0.03	30.66 -3.23 1.99	30.66 -3.48 2.52	30.42 -4.18 7.23	33.18 -4.67 7.93	43.66 -5.37 10.61	54.21 -6.16 8.10	62.21 -7.30 9.85	62.68 -6.86 0.48	57.73 -6.65 0.82	51.69 -5.36 0.00	48.03 -4.87 0.00
HUNTLEY___65 23559	37.68 -4.19 0.00	34.23 -4.19 0.00	33.77 -4.00 0.00	33.14 -4.18 0.00	34.06 -4.30 0.00	38.25 -5.02 0.03	38.80 -5.72 9.48	40.77 -5.51 9.91	45.67 -5.83 6.81	40.56 -4.56 0.01	34.41 -3.91 0.00	33.15 -3.91 0.91	31.96 -3.48 0.03	30.66 -3.23 1.99	30.66 -3.48 2.52	30.42 -4.18 7.23	33.18 -4.67 7.93	43.66 -5.37 10.61	54.21 -6.16 8.10	62.21 -7.30 9.85	62.68 -6.86 0.48	57.73 -6.65 0.82	51.69 -5.36 0.00	48.03 -4.87 0.00
HUNTLEY___66 23560	37.68 -4.19 0.00	34.23 -4.19 0.00	33.77 -4.00 0.00	33.14 -4.18 0.00	34.06 -4.30 0.00	38.25 -5.02 0.03	38.80 -5.72 9.48	40.77 -5.51 9.91	45.67 -5.83 6.81	40.56 -4.56 0.01	34.41 -3.91 0.00	33.15 -3.91 0.91	31.96 -3.48 0.03	30.66 -3.23 1.99	30.66 -3.48 2.52	30.42 -4.18 7.23	33.18 -4.67 7.93	43.66 -5.37 10.61	54.21 -6.16 8.10	62.21 -7.30 9.85	62.68 -6.86 0.48	57.73 -6.65 0.82	51.69 -5.36 0.00	48.03 -4.87 0.00
HUNTLEY___67 23561	37.38 -4.48 0.00	33.92 -4.50 0.00	33.43 -4.34 0.00	32.88 -4.44 0.00	33.71 -4.64 0.00	37.81 -5.46 0.04	36.76 -6.53 10.71	38.41 -6.57 11.20	43.67 -6.94 7.69	39.92 -5.19 0.01	33.95 -4.37 1.02	32.47 -4.48 0.04	31.49 -3.94 2.25	29.87 -3.77 2.84	29.79 -4.03 2.84	28.81 -4.85 8.17	31.41 -5.40 8.96	41.20 -6.44 12.00	51.92 -7.40 9.16	59.34 -8.89 11.14	61.26 -8.19 0.58	56.47 -7.76 0.98	50.72 -6.33 0.00	47.35 -5.55 0.00

HUNTLEY___68 23562	37.38 -4.48 0.00	33.92 -4.50 0.00	33.43 -4.34 0.00	32.88 -4.44 0.00	33.71 -4.64 0.00	37.81 -5.46 0.04	36.76 -6.53 10.71	38.41 -6.57 11.20	43.67 -6.94 7.69	39.92 -5.19 0.01	33.95 -4.37 0.00	32.47 -4.48 1.02	31.49 -3.94 0.04	29.87 -3.77 2.25	29.79 -4.03 2.84	28.81 -4.85 8.17	31.41 -5.40 8.96	41.20 -6.44 12.00	51.92 -7.40 9.16	59.34 -8.89 11.14	61.26 -8.19 0.58	56.47 -7.76 0.98	50.72 -6.33 0.00	47.35 -5.55 0.00
HYLAND___LFGE 323620	41.23 -0.63 0.00	37.54 -0.88 0.00	36.84 -0.94 0.00	36.35 -0.97 0.00	37.39 -0.96 0.00	42.50 -0.91 -0.11	85.17 -0.49 -31.66	88.96 -0.34 -33.10	78.87 -2.16 -22.73	42.68 -2.48 -0.03	35.91 -2.41 0.00	38.30 -2.70 -3.02	33.16 -2.41 -0.11	40.33 -2.19 -6.64	42.73 -2.35 -8.41	63.59 -2.38 -24.14	70.06 -2.20 -26.48	93.65 -1.43 -35.45	95.19 -0.34 -27.06	112.68 0.40 -32.92	72.89 0.56 -2.31	69.51 0.39 -3.91	57.50 0.45 0.00	53.48 0.58 0.00
INDECK___CORINTH 23802	42.19 0.33 0.00	38.88 0.46 0.00	38.23 0.45 0.00	37.77 0.45 0.00	38.73 0.38 0.00	43.87 0.56 0.00	55.03 1.02 0.00	67.28 0.90 -10.19	59.06 0.76 0.00	45.79 0.27 -0.39	40.58 0.12 -2.14	40.22 0.11 -2.13	37.34 0.00 -1.87	37.63 -0.18 -1.93	37.80 -0.11 -1.24	43.04 0.04 -1.17	47.32 0.32 -1.22	60.65 1.01 0.00	69.98 1.50 0.00	81.67 2.30 0.00	71.71 1.68 0.00	66.51 1.30 0.00	58.08 1.03 0.00	53.64 0.74 0.00
INDECK___ILION 23567	41.57 -0.29 0.00	38.19 -0.23 0.00	37.51 -0.26 0.00	37.06 -0.26 0.00	38.15 -0.27 -0.06	43.00 -0.30 0.00	53.89 -0.38 -0.27	56.74 -0.39 -0.94	57.89 -0.41 0.00	44.67 -0.45 0.00	37.90 -0.42 0.00	37.63 -0.34 0.00	35.11 -0.35 0.00	35.52 -0.36 0.00	36.30 -0.37 0.00	41.45 -0.38 0.00	45.45 -0.32 0.00	59.43 -0.36 -0.16	69.53 -0.34 -1.40	80.57 -0.32 -1.52	71.57 -0.28 -1.82	65.79 -0.20 -0.78	57.25 -0.17 -0.37	52.93 -0.16 -0.19
INDECK___OLEAN 23982	38.39 -3.47 0.00	35.04 -3.38 0.00	34.45 -3.32 0.00	33.89 -3.43 0.00	34.74 -3.61 0.00	40.24 -3.03 0.03	41.73 -3.35 8.92	43.60 -3.26 9.33	48.40 -3.50 6.41	41.91 -3.20 0.01	35.49 -2.84 0.00	34.73 -2.39 0.85	32.95 -2.48 0.03	32.18 -1.83 1.87	32.25 -2.05 2.37	32.56 -2.47 6.80	35.70 -2.61 7.46	46.66 -2.98 9.99	57.56 -3.29 7.63	66.12 -3.97 9.28	65.02 -4.48 0.52	59.88 -4.44 0.88	53.46 -3.59 0.00	49.51 -3.39 0.00
INDECK___OSWEGO 23783	40.90 -0.96 0.00	37.54 -0.88 0.00	36.91 -0.87 0.00	36.46 -0.86 0.00	37.57 -0.88 -0.10	42.27 -1.04 0.00	53.52 -1.08 -0.59	57.25 -1.01 -2.07	57.07 -1.23 0.00	44.04 -1.08 0.00	37.33 -1.00 0.00	36.99 -0.99 0.00	34.58 -0.89 0.00	34.99 -0.90 0.00	35.72 -0.95 0.00	40.79 -1.04 0.00	44.72 -1.05 0.00	58.79 -1.19 -0.34	70.33 -1.23 -3.09	81.46 -1.27 -3.37	72.86 -1.19 -4.02	66.05 -1.11 -1.96	56.96 -1.03 -0.94	52.36 -0.95 -0.41
INDECK___YERKES 23781	37.68 -4.19 0.00	34.35 -4.07 0.00	33.81 -3.97 0.00	33.21 -4.11 0.00	34.09 -4.26 0.00	38.25 -5.02 0.03	38.86 -5.67 9.48	40.83 -5.45 9.91	45.78 -5.71 6.81	40.56 -4.56 0.01	34.41 -3.91 0.00	33.15 -3.91 0.91	31.96 -3.47 0.03	30.70 -3.19 1.99	30.66 -3.48 2.52	30.46 -4.14 7.23	33.45 -4.39 7.93	43.72 -5.31 10.61	54.35 -6.03 8.10	62.37 -7.14 9.85	62.82 -6.72 0.48	57.80 -6.58 0.82	51.75 -5.30 0.00	48.30 -4.60 0.00
INDIAN POINT__GT_1 24139	43.58 1.72 0.00	39.96 1.54 0.00	39.33 1.55 0.00	38.74 1.42 0.00	39.69 1.34 0.00	44.95 1.65 0.00	56.60 2.59 0.00	98.71 2.36 -40.16	61.04 2.74 0.00	49.30 2.39 -1.78	50.08 2.11 -9.65	49.71 2.13 -9.61	45.87 1.95 -8.45	46.63 2.05 -8.70	44.36 2.09 -5.60	49.48 2.38 -5.26	53.62 2.56 -5.28	63.15 3.52 0.00	72.38 3.90 0.00	83.89 4.52 0.00	73.32 3.29 0.00	68.01 2.80 0.00	59.50 2.45 0.00	54.86 1.96 0.00
INDIAN POINT__GT_2 23659	43.58 1.72 0.00	39.96 1.54 0.00	39.33 1.55 0.00	38.74 1.42 0.00	39.69 1.34 0.00	44.95 1.65 0.00	56.60 2.59 0.00	98.71 2.36 -40.16	61.04 2.74 0.00	49.30 2.39 -1.78	50.08 2.11 -9.65	49.71 2.13 -9.61	45.87 1.95 -8.45	46.63 2.05 -8.70	44.36 2.09 -5.60	49.48 2.38 -5.26	53.62 2.56 -5.28	63.15 3.52 0.00	72.38 3.90 0.00	83.89 4.52 0.00	73.32 3.29 0.00	68.01 2.80 0.00	59.50 2.45 0.00	54.86 1.96 0.00
INDIAN POINT__GT_3 24019	43.58 1.72 0.00	39.96 1.54 0.00	39.33 1.55 0.00	38.74 1.42 0.00	39.69 1.34 0.00	44.95 1.65 0.00	56.60 2.59 0.00	98.71 2.36 -40.16	61.04 2.74 0.00	49.30 2.39 -1.78	50.08 2.11 -9.65	49.71 2.13 -9.61	45.87 1.95 -8.45	46.63 2.05 -8.70	44.36 2.09 -5.60	49.48 2.38 -5.26	53.62 2.56 -5.28	63.15 3.52 0.00	72.38 3.90 0.00	83.89 4.52 0.00	73.32 3.29 0.00	68.01 2.80 0.00	59.50 2.45 0.00	54.86 1.96 0.00
INDIAN POINT___2 23530	43.54 1.68 0.00	39.92 1.50 0.00	39.29 1.51 0.00	38.66 1.34 0.00	39.66 1.30 0.00	44.95 1.65 0.00	56.49 2.49 0.00	101.99 2.30 -43.49	60.98 2.68 0.00	49.38 2.30 -1.95	50.93 2.03 -10.58	50.59 2.09 -10.53	46.65 1.91 -9.27	47.40 1.97 -9.54	44.86 2.05 -6.14	49.90 2.30 -5.77	54.07 2.47 -5.82	62.97 3.34 0.00	72.17 3.70 0.00	83.57 4.20 0.00	73.11 3.08 0.00	67.88 2.67 0.00	59.39 2.34 0.00	54.86 1.96 0.00
INDIAN POINT___3 23531	43.54 1.67 0.00	39.92 1.50 0.00	39.29 1.51 0.00	38.70 1.38 0.00	39.65 1.30 0.00	44.91 1.60 0.00	56.54 2.54 0.00	98.65 2.30 -40.15	60.98 2.68 0.00	49.21 2.30 -1.79	50.08 2.07 -9.69	49.75 2.13 -9.65	45.87 1.92 -8.49	46.63 2.01 -8.74	44.35 2.05 -5.62	49.46 2.34 -5.29	53.60 2.52 -5.31	62.98 3.34 0.00	72.17 3.70 0.00	83.65 4.29 0.00	73.11 3.08 0.00	67.81 2.61 0.00	59.33 2.28 0.00	54.75 1.85 0.00
INGHAM_C_115KV_TB7 356103	41.11 -0.75 0.00	37.73 -0.69 0.00	37.10 -0.68 0.00	36.65 -0.67 0.00	37.72 -0.69 -0.06	42.48 -0.82 0.00	53.25 -1.03 -0.27	56.06 -1.07 -0.94	57.14 -1.17 0.00	44.04 -1.08 0.00	37.36 -0.96 0.00	37.10 -0.87 0.00	34.61 -0.85 0.00	35.02 -0.86 0.00	35.79 -0.88 0.00	40.91 -0.92 0.00	44.86 -0.92 0.00	58.66 -1.13 -0.16	68.71 -1.16 -1.40	79.78 -1.11 -1.52	70.87 -0.98 -1.82	65.20 -0.78 -0.78	56.85 -0.57 -0.37	52.56 -0.53 -0.19
IP CORINTH___1 23988	42.45 0.59 0.00	39.11 0.69 0.00	38.42 0.64 0.00	37.95 0.63 0.00	38.93 0.58 0.00	44.08 0.78 0.00	55.35 1.35 0.00	67.56 1.18 -10.19	59.35 1.05 0.00	46.06 0.54 -0.39	40.77 0.31 -2.14	40.44 0.34 -2.13	37.51 0.18 -1.87	37.81 0.00 -1.93	37.98 0.07 -1.24	43.25 0.25 -1.17	47.59 0.60 -1.22	61.01 1.37 0.00	70.39 1.92 0.00	82.06 2.70 0.00	72.13 2.10 0.00	66.83 1.63 0.00	58.36 1.31 0.00	53.91 1.01 0.00
IP__TICONDEROGA 23804	42.82 0.96 0.00	39.38 0.96 0.00	38.72 0.94 0.00	38.29 0.97 0.00	39.31 0.96 0.00	44.65 1.34 0.00	56.33 2.32 0.00	68.58 2.14 -10.25	59.88 1.57 0.00	46.24 0.72 -0.40	40.74 0.27 -2.15	40.46 0.34 -2.14	37.45 0.11 -1.88	37.64 -0.18 -1.94	37.81 -0.11 -1.25	43.30 0.29 -1.17	47.82 0.82 -1.22	61.78 2.15 0.00	71.69 3.22 0.00	84.29 4.92 0.00	74.09 4.06 0.00	68.40 3.20 0.00	59.67 2.62 0.00	55.07 2.17 0.00

ISLIP_RES_REC 323679	45.04 3.18 0.00	41.19 2.77 0.00	40.38 2.60 0.00	39.67 2.35 0.00	40.73 2.38 0.00	46.38 3.07 0.00	58.06 4.05 0.00	96.08 2.36 -37.53	61.62 3.32 0.00	49.74 2.98 -1.64	50.13 2.91 -8.90	49.76 2.92 -8.86	46.03 2.77 -7.80	46.67 2.76 -8.03	44.91 3.08 -5.16	50.07 3.39 -4.85	54.70 4.07 -4.85	64.65 5.01 0.00	74.02 5.54 0.00	86.35 6.99 0.00	75.77 5.74 0.00	70.23 5.02 0.00	61.62 4.57 0.00	56.71 3.81 0.00
JAMAICA__27_KV_LOAD 355505	43.66 1.80 0.00	40.03 1.61 0.00	39.36 1.59 0.00	38.74 1.42 0.00	39.73 1.38 0.00	45.21 1.91 0.00	57.14 3.13 0.00	96.99 3.20 -37.60	62.21 3.91 0.00	50.02 3.25 -1.65	50.00 2.76 -8.92	49.66 2.81 -8.88	45.83 2.55 -7.81	46.58 2.66 -8.04	44.52 2.68 -5.17	49.75 3.05 -4.86	53.93 3.30 -4.86	63.99 4.35 0.00	73.41 4.93 0.00	85.24 5.87 0.00	74.37 4.34 0.00	68.73 3.52 0.00	60.19 3.14 0.00	55.49 2.59 0.00
JANIS__SOLAR 323808	42.62 0.75 0.00	39.03 0.61 0.00	38.31 0.53 0.00	37.77 0.45 0.00	38.93 0.58 0.00	44.09 0.78 -0.01	57.74 1.62 -2.11	54.11 1.91 4.00	61.05 1.23 -1.52	45.26 0.14 0.00	37.94 -0.38 0.00	37.80 -0.38 -0.20	35.08 -0.39 -0.01	36.04 -0.29 -0.44	36.94 -0.29 -0.56	43.40 -0.04 -1.61	47.95 0.41 -1.77	63.49 1.49 -2.37	72.82 2.54 -1.81	84.97 3.41 -2.20	72.83 2.80 0.00	67.62 2.41 0.00	59.05 2.00 0.00	54.70 1.80 0.00
JARVIS____ 23743	41.86 0.00 0.00	38.46 0.04 0.00	37.82 0.04 0.00	37.36 0.04 0.00	38.41 0.00 -0.06	43.31 0.00 0.00	54.33 0.05 -0.27	57.13 0.00 -0.94	58.30 0.00 0.00	45.08 -0.05 0.00	38.28 -0.04 0.00	37.97 0.00 0.00	35.46 0.00 0.00	35.88 0.00 0.00	36.67 0.00 0.00	41.83 0.00 0.00	45.82 0.05 0.00	59.91 0.12 -0.16	70.01 0.14 -1.40	81.05 0.16 -1.52	71.92 0.07 -1.82	66.09 0.00 -0.89	57.53 0.06 -0.42	53.09 0.00 -0.19
JENNISON__1 23625	42.49 0.63 0.00	38.96 0.54 0.00	38.27 0.49 0.00	37.73 0.41 0.00	38.89 0.54 0.00	43.95 0.65 0.00	55.41 1.40 0.00	48.27 1.74 9.66	59.76 1.46 0.00	45.32 0.59 0.39	36.34 0.15 2.13	36.15 0.30 2.12	33.81 0.21 1.87	34.32 0.36 1.92	35.76 0.33 1.24	41.29 0.63 1.16	45.45 0.92 1.24	61.66 2.03 0.00	71.15 2.67 0.00	82.70 3.33 0.00	72.69 2.66 0.00	67.23 2.02 0.00	58.82 1.77 0.00	54.38 1.48 0.00
JENNISON__2 23626	42.49 0.63 0.00	38.96 0.54 0.00	38.27 0.49 0.00	37.73 0.41 0.00	38.89 0.54 0.00	43.95 0.65 0.00	55.41 1.40 0.00	48.27 1.74 9.66	59.76 1.46 0.00	45.32 0.59 0.39	36.34 0.15 2.13	36.15 0.30 2.12	33.81 0.21 1.87	34.32 0.36 1.92	35.76 0.33 1.24	41.29 0.63 1.16	45.45 0.92 1.24	61.66 2.03 0.00	71.15 2.67 0.00	82.70 3.33 0.00	72.69 2.66 0.00	67.23 2.02 0.00	58.82 1.77 0.00	54.38 1.48 0.00
JERICHO_RISE_WT_PWR 323719	40.73 -1.13 0.00	37.15 -1.27 0.00	36.57 -1.21 0.00	36.12 -1.20 0.00	37.49 -1.00 -0.14	42.14 -1.17 -0.01	52.86 -1.73 -0.59	56.44 -1.80 -2.05	56.15 -2.16 0.00	43.59 -1.53 0.00	36.91 -1.42 0.00	36.45 -1.52 0.00	34.01 -1.46 0.00	34.34 -1.54 0.00	35.24 -1.43 0.00	40.28 -1.55 0.00	43.94 -1.83 0.00	57.11 -2.86 -0.34	68.38 -3.15 -3.05	79.20 -3.49 -3.33	72.04 -1.96 -3.98	65.90 -1.24 -1.93	57.23 -0.74 -0.93	53.15 -0.16 -0.41
KATONAH__115KV_46KV_TB4 355592	43.83 1.97 0.00	40.19 1.77 0.00	39.59 1.81 0.00	38.96 1.64 0.00	39.96 1.61 0.00	45.21 1.91 0.00	56.92 2.92 0.00	91.89 2.81 -32.89	61.45 3.15 0.00	49.12 2.66 -1.33	47.87 2.34 -7.21	47.46 2.32 -7.17	43.83 2.06 -6.31	44.53 2.15 -6.50	43.12 2.27 -4.18	48.31 2.55 -3.93	52.48 2.84 -3.87	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	74.02 3.99 0.00	68.66 3.46 0.00	60.13 3.08 0.00	55.39 2.49 0.00
KCE_NY_1 323755	43.16 1.30 0.00	39.68 1.27 0.00	39.02 1.24 0.00	38.51 1.19 0.00	39.50 1.15 0.00	44.78 1.47 0.00	56.00 2.00 0.00	68.32 1.80 -10.33	60.11 1.81 0.00	46.70 1.17 -0.40	41.41 0.92 -2.17	41.04 0.91 -2.16	38.11 0.75 -1.90	38.45 0.61 -1.95	38.62 0.69 -1.26	43.98 0.96 -1.18	48.24 1.24 -1.23	61.72 2.09 0.00	71.08 2.60 0.00	82.62 3.26 0.00	72.54 2.52 0.00	67.42 2.22 0.00	58.93 1.88 0.00	54.49 1.59 0.00
KCE_NY_6_ESR 323823	37.63 -4.23 0.00	34.31 -4.11 0.00	33.74 -4.04 0.00	33.17 -4.14 0.00	34.02 -4.33 0.00	38.37 -4.89 0.04	37.27 -5.67 11.06	39.06 -5.56 11.57	44.47 -5.89 7.94	40.47 -4.65 0.01	34.38 -3.95 0.00	32.96 -3.95 1.06	31.88 -3.55 0.04	30.29 -3.26 2.32	30.21 -3.52 2.94	29.21 -4.18 8.44	32.08 -4.44 9.25	41.88 -5.37 12.39	52.92 -6.09 9.46	60.64 -7.22 11.50	62.59 -6.86 0.57	57.65 -6.58 0.97	51.69 -5.36 0.00	48.24 -4.66 0.00
KEDC_PORT_JEFF_GT2 24210	44.79 2.93 0.00	40.99 2.57 0.00	40.20 2.42 0.00	39.44 2.13 0.00	40.54 2.18 0.00	46.12 2.81 0.00	57.68 3.67 0.00	95.74 2.02 -37.53	61.21 2.91 0.00	49.52 2.75 -1.64	49.94 2.72 -8.90	49.57 2.74 -8.86	45.88 2.62 -7.80	46.49 2.58 -8.03	44.73 2.90 -5.16	49.86 3.18 -4.85	54.42 3.80 -4.85	64.05 4.41 0.00	73.27 4.79 0.00	85.48 6.11 0.00	75.00 4.97 0.00	69.51 4.30 0.00	61.16 4.11 0.00	56.34 3.44 0.00
KEDC_PORT_JEFF_GT3 24211	44.79 2.93 0.00	40.99 2.57 0.00	40.20 2.42 0.00	39.44 2.13 0.00	40.54 2.18 0.00	46.12 2.81 0.00	57.68 3.67 0.00	95.74 2.02 -37.53	61.21 2.91 0.00	49.52 2.75 -1.64	49.94 2.72 -8.90	49.57 2.74 -8.86	45.88 2.62 -7.80	46.49 2.58 -8.03	44.73 2.90 -5.16	49.86 3.18 -4.85	54.42 3.80 -4.85	64.05 4.41 0.00	73.27 4.79 0.00	85.48 6.11 0.00	75.00 4.97 0.00	69.51 4.30 0.00	61.16 4.11 0.00	56.34 3.44 0.00
KEDC_GLWD_GT4 24219	44.25 2.38 0.00	40.53 2.11 0.00	39.82 2.04 0.00	39.15 1.83 0.00	40.19 1.84 0.00	45.60 2.29 0.00	57.30 3.29 0.00	95.91 2.19 -37.53	61.16 2.86 0.00	49.66 2.89 -1.64	49.87 2.64 -8.90	49.57 2.74 -8.86	45.78 2.52 -7.80	46.46 2.55 -8.03	44.55 2.71 -5.16	49.78 3.10 -4.85	54.10 3.48 -4.85	63.69 4.06 0.00	73.06 4.59 0.00	84.77 5.40 0.00	74.23 4.20 0.00	68.79 3.58 0.00	60.13 3.08 0.00	55.65 2.75 0.00
KEDC_GLWD_GTS 24220	44.25 2.38 0.00	40.53 2.11 0.00	39.82 2.04 0.00	39.15 1.83 0.00	40.19 1.84 0.00	45.60 2.29 0.00	57.30 3.29 0.00	95.91 2.19 -37.53	61.16 2.86 0.00	49.66 2.89 -1.64	49.87 2.64 -8.90	49.57 2.74 -8.86	45.78 2.52 -7.80	46.46 2.55 -8.03	44.55 2.71 -5.16	49.78 3.10 -4.85	54.10 3.48 -4.85	63.69 4.06 0.00	73.06 4.59 0.00	84.77 5.40 0.00	74.23 4.20 0.00	68.79 3.58 0.00	60.13 3.08 0.00	55.65 2.75 0.00
KENSICO____ 23655	43.70 1.84 0.00	40.11 1.69 0.00	39.44 1.66 0.00	38.85 1.53 0.00	39.81 1.46 0.00	45.08 1.78 0.00	56.76 2.75 0.00	96.90 2.58 -38.12	61.27 2.97 0.00	49.37 2.57 -1.67	49.66 2.26 -9.08	49.33 2.32 -9.03	45.54 2.13 -7.95	46.26 2.19 -8.19	44.17 2.24 -5.26	49.33 2.55 -4.95	53.52 2.79 -4.95	63.39 3.76 0.00	72.65 4.18 0.00	84.21 4.84 0.00	73.53 3.50 0.00	68.20 3.00 0.00	59.67 2.62 0.00	55.02 2.12 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	43.62 1.76 0.00	39.99 1.58 0.00	39.40 1.62 0.00	38.81 1.49 0.00	39.81 1.46 0.00	45.04 1.73 0.00	56.81 2.81 0.00	76.07 2.75 -17.13	61.10 2.80 0.00	47.25 2.12 0.00	40.12 1.80 0.00	39.76 1.78 0.00	37.06 1.60 0.00	37.60 1.72 0.00	38.43 1.76 0.00	43.92 2.09 0.00	48.15 2.38 0.00	63.15 3.52 0.00	72.72 4.25 0.00	84.37 5.00 0.00	73.81 3.78 0.00	68.46 3.26 0.00	59.90 2.85 0.00	55.23 2.33 0.00
KIAC_JFK_GT1 23816	43.45 1.59 0.00	39.84 1.42 0.00	39.18 1.40 0.00	38.55 1.23 0.00	39.54 1.19 0.00	44.99 1.69 0.00	56.65 2.65 0.00	96.48 2.70 -37.60	61.62 3.32 0.00	49.61 2.84 -1.65	49.81 2.57 -8.92	49.47 2.62 -8.88	45.65 2.38 -7.81	46.40 2.48 -8.04	44.34 2.49 -5.17	49.50 2.80 -4.86	53.65 3.02 -4.86	63.39 3.76 0.00	72.72 4.25 0.00	84.45 5.08 0.00	73.67 3.64 0.00	68.14 2.93 0.00	59.67 2.62 0.00	55.17 2.27 0.00
KIAC_JFK_GT2 23817	43.45 1.59 0.00	39.84 1.42 0.00	39.18 1.40 0.00	38.55 1.23 0.00	39.54 1.19 0.00	44.99 1.69 0.00	56.65 2.65 0.00	96.48 2.70 -37.60	61.62 3.32 0.00	49.61 2.84 -1.65	49.81 2.57 -8.92	49.47 2.62 -8.88	45.65 2.38 -7.81	46.40 2.48 -8.04	44.34 2.49 -5.17	49.50 2.80 -4.86	53.65 3.02 -4.86	63.39 3.76 0.00	72.72 4.25 0.00	84.45 5.08 0.00	73.67 3.64 0.00	68.14 2.93 0.00	59.67 2.62 0.00	55.17 2.27 0.00
KIAC_JFK____ 323774	43.49 1.63 0.00	39.84 1.42 0.00	39.18 1.40 0.00	38.55 1.23 0.00	39.54 1.19 0.00	45.08 1.78 0.00	56.60 2.59 0.00	96.48 2.70 -37.60	61.62 3.32 0.00	49.62 2.84 -1.65	49.81 2.57 -8.92	49.47 2.62 -8.88	45.65 2.38 -7.81	46.40 2.47 -8.04	44.34 2.49 -5.17	49.50 2.80 -4.86	53.70 3.07 -4.86	63.40 3.76 0.00	72.72 4.25 0.00	84.37 5.00 0.00	73.67 3.64 0.00	68.21 3.00 0.00	59.73 2.68 0.00	55.33 2.43 0.00
KINTIGH_24_KV_GSU 356498	37.76 -4.10 0.00	34.39 -4.03 0.00	33.81 -3.97 0.00	33.29 -4.03 0.00	34.17 -4.18 0.00	37.95 -5.33 0.02	41.09 -6.37 6.54	42.89 -6.46 6.84	46.79 -6.82 4.69	40.20 -4.92 0.01	34.22 -4.10 0.00	32.95 -4.41 0.62	31.75 -3.69 0.02	30.78 -3.73 1.37	30.94 -4.00 1.73	32.07 -4.77 4.99	35.22 -5.08 5.47	45.87 -6.44 7.32	55.49 -7.40 5.59	63.68 -8.89 6.80	61.62 -7.91 0.49	56.81 -7.56 0.83	50.83 -6.22 0.00	47.77 -5.13 0.00
KINTIGH____ 23543	37.80 -4.06 0.00	34.31 -4.11 0.00	33.81 -3.97 0.00	33.29 -4.03 0.00	34.13 -4.22 0.00	38.00 -5.28 0.02	41.09 -6.37 6.54	42.83 -6.52 6.84	46.73 -6.88 4.69	40.20 -4.92 0.01	34.22 -4.10 0.00	32.95 -4.41 0.62	31.75 -3.69 0.02	30.78 -3.73 1.37	30.94 -4.00 1.73	32.08 -4.77 4.99	34.99 -5.31 5.47	45.81 -6.50 7.32	55.42 -7.46 5.59	63.60 -8.97 6.80	61.55 -7.98 0.49	56.81 -7.56 0.83	50.83 -6.22 0.00	47.61 -5.29 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	41.82 -0.04 0.00	38.00 -0.42 0.00	37.36 -0.42 0.00	36.91 -0.41 0.00	38.31 -0.04 0.00	43.22 -0.09 0.00	53.68 -0.32 0.00	55.85 -0.34 0.00	57.60 -0.70 0.00	44.67 -0.45 0.00	37.71 -0.61 0.00	37.18 -0.80 0.00	34.72 -0.74 0.00	35.06 -0.83 0.00	36.01 -0.66 0.00	41.25 -0.59 0.00	44.95 -0.82 0.00	57.79 -1.85 0.00	66.22 -2.26 0.00	76.83 -2.54 0.00	69.05 -0.98 0.00	64.88 -0.33 0.00	57.62 0.57 0.00	54.86 1.96 0.00
LACHUTE__HYDRO 323717	42.82 0.96 0.00	39.38 0.96 0.00	38.72 0.94 0.00	38.29 0.97 0.00	39.31 0.96 0.00	44.65 1.34 0.00	56.32 2.32 0.00	68.58 2.13 -10.25	59.88 1.57 0.00	46.24 0.72 -0.40	40.74 0.27 -2.15	40.46 0.34 -2.14	37.45 0.11 -1.88	37.64 -0.18 -1.94	37.81 -0.11 -1.25	43.30 0.29 -1.17	47.78 0.78 -1.22	61.78 2.14 0.00	71.69 3.22 0.00	84.29 4.92 0.00	74.09 4.06 0.00	68.46 3.26 0.00	59.68 2.63 0.00	55.12 2.22 0.00
LAWRNCV_115KV_TB1 80681	40.94 -0.92 0.00	37.30 -1.11 0.00	36.72 -1.06 0.00	36.27 -1.04 0.00	40.13 -1.00 -2.77	42.23 -1.21 -0.14	63.71 -1.67 -11.38	94.21 -1.69 -39.71	56.03 -2.27 0.00	43.23 -1.90 0.00	36.48 -1.84 0.00	36.08 -1.90 0.00	33.66 -1.81 0.00	34.02 -1.87 0.00	34.91 -1.76 0.00	39.99 -1.84 0.00	43.58 -2.20 0.00	63.11 -3.10 -6.57	124.63 -2.94 -59.10	140.62 -3.25 -64.51	145.26 -1.82 -77.05	97.35 -0.85 -32.99	72.30 -0.57 -15.82	60.47 0.16 -7.41
LEDERLE____ 23769	43.58 1.72 0.00	39.99 1.58 0.00	39.36 1.59 0.00	38.74 1.42 0.00	39.73 1.38 0.00	44.99 1.69 0.00	56.65 2.65 0.00	107.24 2.47 -48.58	61.16 2.86 0.00	50.00 2.39 -2.48	53.88 2.11 -13.45	53.49 2.13 -13.39	49.19 1.95 -11.78	50.05 2.05 -12.13	46.56 2.09 -7.80	51.55 2.38 -7.33	55.86 2.61 -7.48	63.09 3.46 0.00	72.31 3.83 0.00	83.81 4.44 0.00	73.25 3.22 0.00	68.01 2.80 0.00	59.45 2.40 0.00	54.86 1.96 0.00
LIGHTHSE_115KV_TB6 355974	40.98 -0.88 0.00	37.57 -0.85 0.00	36.95 -0.83 0.00	36.50 -0.82 0.00	37.78 -0.81 -0.23	42.41 -0.91 -0.01	54.84 -0.81 -1.64	61.42 -0.51 -5.73	57.14 -1.17 0.00	43.64 -1.49 0.00	36.75 -1.57 0.00	36.46 -1.52 0.00	33.97 -1.49 0.00	34.41 -1.47 0.00	35.20 -1.47 0.00	40.45 -1.38 0.00	44.54 -1.24 0.00	59.33 -1.25 -0.95	76.26 -0.75 -8.53	88.44 -0.24 -9.31	81.08 -0.07 -11.13	70.03 0.07 -4.76	59.22 -0.11 -2.28	53.82 -0.21 -1.13
LINDEN COGEN____ 23786	43.78 1.93 0.01	40.10 1.69 0.01	39.43 1.66 0.01	38.80 1.49 0.01	39.80 1.46 0.01	45.16 1.86 0.01	56.86 2.86 0.00	96.48 2.70 -37.60	61.56 3.26 0.00	49.62 2.84 -1.65	49.73 2.49 -8.92	49.40 2.54 -8.88	45.62 2.34 -7.81	46.37 2.44 -8.04	44.30 2.46 -5.17	49.46 2.76 -4.86	53.57 2.93 -4.86	63.57 3.94 0.00	72.86 4.39 0.00	84.37 5.00 0.00	73.74 3.71 0.00	68.46 3.26 0.00	59.79 2.74 0.00	55.27 2.38 0.01
LINDHRST_69_KV_BK1 356055	44.71 2.85 0.00	40.92 2.50 0.00	40.16 2.38 0.00	39.44 2.13 0.00	40.50 2.15 0.00	45.77 2.47 0.00	57.78 3.78 0.00	96.14 2.42 -37.53	61.51 3.21 0.00	49.75 2.98 -1.64	49.98 2.76 -8.90	49.64 2.81 -8.86	45.88 2.62 -7.80	46.56 2.66 -8.03	44.73 2.90 -5.16	49.99 3.30 -4.85	54.56 3.94 -4.85	64.47 4.83 0.00	73.95 5.48 0.00	86.11 6.75 0.00	75.42 5.39 0.00	69.64 4.43 0.00	61.04 3.99 0.00	56.13 3.23 0.00
LIPA_MISC_IPP 23656	44.67 2.80 0.00	40.88 2.46 0.00	40.08 2.30 0.00	39.33 2.02 0.00	40.42 2.07 0.00	45.51 2.21 0.00	57.30 3.29 0.00	95.07 1.35 -37.53	60.63 2.33 0.00	48.98 2.21 -1.64	49.68 2.45 -8.90	49.30 2.47 -8.86	45.67 2.41 -7.80	46.24 2.33 -8.03	44.51 2.68 -5.16	49.49 2.80 -4.85	54.06 3.43 -4.85	63.81 4.17 0.00	72.99 4.52 0.00	85.24 5.87 0.00	74.93 4.90 0.00	69.18 3.98 0.00	60.70 3.65 0.00	55.49 2.59 0.00
LISF__SOLAR 323691	44.75 2.89 0.00	40.95 2.54 0.00	40.16 2.38 0.00	39.41 2.09 0.00	40.46 2.11 0.00	46.08 2.77 0.00	57.41 3.40 0.00	95.18 1.46 -37.53	60.75 2.45 0.00	49.02 2.26 -1.64	49.71 2.49 -8.90	49.34 2.51 -8.86	45.70 2.45 -7.80	46.28 2.37 -8.03	44.55 2.71 -5.16	49.53 2.85 -4.85	54.15 3.52 -4.85	63.93 4.30 0.00	73.13 4.66 0.00	85.39 6.03 0.00	75.14 5.11 0.00	69.77 4.56 0.00	61.21 4.16 0.00	56.18 3.28 0.00

LITTLE FALLS___HYD 24013	41.11 -0.75 0.00	37.73 -0.69 0.00	37.10 -0.68 0.00	36.65 -0.67 0.00	37.72 -0.69 -0.06	42.48 -0.82 0.00	53.25 -1.03 -0.27	56.06 -1.07 -0.94	57.14 -1.17 0.00	44.04 -1.08 0.00	37.36 -0.96 0.00	37.10 -0.87 0.00	34.61 -0.85 0.00	35.02 -0.86 0.00	35.79 -0.88 0.00	40.91 -0.92 0.00	44.86 -0.92 0.00	58.66 -1.13 -0.16	68.71 -1.16 -1.40	79.78 -1.11 -1.52	70.87 -0.98 -1.82	65.20 -0.78 -0.78	56.85 -0.57 -0.37	52.56 -0.53 -0.19
LITTLRIV_115KV_TB1 356100	41.32 -0.54 0.00	37.65 -0.77 0.00	37.06 -0.72 0.00	36.61 -0.71 0.00	40.30 -0.61 -2.56	42.65 -0.78 -0.13	63.43 -1.08 -10.51	91.85 -1.01 -36.68	56.44 -1.87 0.00	43.41 -1.71 0.00	36.56 -1.76 0.00	36.15 -1.82 0.00	33.73 -1.74 0.00	34.12 -1.76 0.00	35.02 -1.65 0.00	40.20 -1.63 0.00	43.81 -1.97 0.00	62.96 -2.74 -6.07	120.73 -2.33 -54.58	136.56 -2.38 -59.58	140.28 -0.91 -71.17	95.68 0.00 -30.47	71.83 0.17 -14.61	60.76 0.79 -7.07
LI_NEWBRDGE___DRP 323616	44.04 2.18 0.00	40.38 1.96 0.00	39.63 1.85 0.00	38.92 1.60 0.00	40.00 1.65 0.00	45.17 1.86 0.00	56.97 2.97 0.00	95.41 1.69 -37.53	60.75 2.45 0.00	49.20 2.44 -1.64	49.52 2.30 -8.90	49.19 2.35 -8.86	45.46 2.20 -7.80	46.13 2.22 -8.03	44.25 2.42 -5.16	49.45 2.76 -4.85	53.87 3.25 -4.85	63.51 3.88 0.00	72.86 4.38 0.00	84.68 5.32 0.00	74.23 4.20 0.00	68.60 3.39 0.00	60.02 2.97 0.00	55.28 2.38 0.00
LOCKPORT_115KV_TB60_63_64 80432	37.26 -4.60 0.00	33.81 -4.61 0.00	33.36 -4.42 0.00	32.76 -4.55 0.00	33.60 -4.76 0.00	37.60 -5.67 0.03	39.57 -6.53 7.89	41.31 -6.63 8.25	45.58 -7.05 5.67	39.75 -5.37 0.01	33.76 -4.56 0.00	32.65 -4.56 0.76	31.32 -4.11 0.03	30.42 -3.80 1.66	30.46 -4.11 2.10	30.87 -4.94 6.02	33.68 -5.49 6.60	44.18 -6.62 8.84	54.13 -7.60 6.75	61.95 -9.21 8.21	61.09 -8.54 0.40	56.38 -8.15 0.67	50.43 -6.62 0.00	47.08 -5.82 0.00
LOCKPORT___CC1 323769	37.21 -4.65 0.00	33.85 -4.57 0.00	33.32 -4.46 0.00	32.76 -4.55 0.00	33.63 -4.72 0.00	37.52 -5.76 0.03	38.92 -6.64 8.44	40.62 -6.74 8.82	45.13 -7.11 6.06	39.65 -5.46 0.01	33.72 -4.60 0.00	32.53 -4.63 0.81	31.29 -4.15 0.03	30.23 -3.88 1.78	30.24 -4.18 2.25	30.37 -5.02 6.44	33.41 -5.31 7.06	43.51 -6.68 9.45	53.59 -7.67 7.21	61.39 -9.21 8.77	61.05 -8.55 0.43	56.33 -8.15 0.72	50.38 -6.67 0.00	47.29 -5.61 0.00
LOCKPORT___CC2 323770	37.21 -4.65 0.00	33.85 -4.57 0.00	33.32 -4.46 0.00	32.76 -4.55 0.00	33.63 -4.72 0.00	37.52 -5.76 0.03	38.92 -6.64 8.44	40.62 -6.74 8.82	45.13 -7.11 6.06	39.65 -5.46 0.01	33.72 -4.60 0.00	32.53 -4.63 0.81	31.29 -4.15 0.03	30.23 -3.88 1.78	30.24 -4.18 2.25	30.37 -5.02 6.44	33.41 -5.31 7.06	43.51 -6.68 9.45	53.59 -7.67 7.21	61.39 -9.21 8.77	61.05 -8.55 0.43	56.33 -8.15 0.72	50.38 -6.67 0.00	47.29 -5.61 0.00
LOCKPORT___CC3 323771	37.21 -4.65 0.00	33.85 -4.57 0.00	33.32 -4.46 0.00	32.76 -4.55 0.00	33.63 -4.72 0.00	37.52 -5.76 0.03	38.92 -6.64 8.44	40.62 -6.74 8.82	45.13 -7.11 6.06	39.65 -5.46 0.01	33.72 -4.60 0.00	32.53 -4.63 0.81	31.29 -4.15 0.03	30.23 -3.88 1.78	30.24 -4.18 2.25	30.37 -5.02 6.44	33.41 -5.31 7.06	43.51 -6.68 9.45	53.59 -7.67 7.21	61.39 -9.21 8.77	61.05 -8.55 0.43	56.33 -8.15 0.72	50.38 -6.67 0.00	47.29 -5.61 0.00
LOCUSVLY_69_KV_BK2 55797	44.37 2.51 0.00	40.69 2.27 0.00	39.93 2.15 0.00	39.26 1.94 0.00	40.31 1.96 0.00	45.56 2.25 0.00	57.46 3.46 0.00	96.08 2.36 -37.53	61.39 3.09 0.00	49.70 2.93 -1.64	49.94 2.72 -8.90	49.64 2.81 -8.86	45.85 2.59 -7.80	46.53 2.62 -8.03	44.66 2.82 -5.16	49.91 3.22 -4.85	54.33 3.71 -4.85	64.11 4.47 0.00	73.54 5.07 0.00	85.48 6.11 0.00	74.79 4.76 0.00	69.18 3.98 0.00	60.47 3.42 0.00	55.76 2.86 0.00
LONG_LAKE_PHOENIX 24014	41.02 -0.84 0.00	37.65 -0.77 0.00	36.98 -0.79 0.00	36.57 -0.75 0.00	37.62 -0.81 -0.08	42.40 -0.91 0.00	53.46 -0.92 -0.37	56.64 -0.84 -1.30	57.31 -0.99 0.00	44.27 -0.86 0.00	37.56 -0.77 0.00	37.21 -0.76 0.00	34.79 -0.67 0.00	35.20 -0.68 0.00	35.94 -0.73 0.00	40.99 -0.84 0.00	44.90 -0.87 0.00	58.96 -0.89 -0.21	69.38 -1.03 -1.93	80.36 -1.11 -2.11	71.49 -1.05 -2.52	65.24 -1.04 -1.08	56.65 -0.91 -0.52	52.26 -0.90 -0.26
LOVETT___3 23632	43.45 1.59 0.00	39.88 1.46 0.00	39.25 1.47 0.00	38.62 1.31 0.00	39.62 1.27 0.00	44.86 1.56 0.00	56.43 2.43 0.00	104.11 2.25 -45.67	60.92 2.62 0.00	49.56 2.26 -2.18	52.12 1.99 -11.80	51.78 2.05 -11.75	47.68 1.88 -10.34	48.47 1.94 -10.65	45.50 1.98 -6.85	50.53 2.26 -6.44	54.73 3.22 -6.53	62.86 3.49 0.00	71.97 3.49 0.00	83.41 4.05 0.00	72.90 2.87 0.00	67.68 2.48 0.00	59.22 2.17 0.00	54.59 1.69 0.00
LOVETT___4 23642	43.45 1.59 0.00	39.88 1.46 0.00	39.25 1.47 0.00	38.62 1.31 0.00	39.62 1.27 0.00	44.86 1.56 0.00	56.43 2.43 0.00	104.11 2.25 -45.67	60.92 2.62 0.00	49.56 2.26 -2.18	52.12 1.99 -11.80	51.78 2.05 -11.75	47.68 1.88 -10.34	48.47 1.94 -10.65	45.50 1.98 -6.85	50.53 2.26 -6.44	54.73 3.22 -6.53	62.86 3.49 0.00	71.97 3.49 0.00	83.41 4.05 0.00	72.90 2.87 0.00	67.68 2.48 0.00	59.22 2.17 0.00	54.59 1.69 0.00
LOVETT___5 23593	43.45 1.59 0.00	39.88 1.46 0.00	39.25 1.47 0.00	38.62 1.31 0.00	39.62 1.27 0.00	44.86 1.56 0.00	56.43 2.43 0.00	104.11 2.25 -45.67	60.92 2.62 0.00	49.56 2.26 -2.18	52.12 1.99 -11.80	51.78 2.05 -11.75	47.68 1.88 -10.34	48.47 1.94 -10.65	45.50 1.98 -6.85	50.53 2.26 -6.44	54.73 3.22 -6.53	62.86 3.49 0.00	71.97 3.49 0.00	83.41 4.05 0.00	72.90 2.87 0.00	67.68 2.48 0.00	59.22 2.17 0.00	54.59 1.69 0.00
LOWER RAQUET___HYD 24057	40.69 -1.17 0.00	37.07 -1.35 0.00	36.49 -1.28 0.00	36.05 -1.27 0.00	39.39 -1.34 -2.38	41.82 -1.60 -0.12	61.68 -2.11 -9.78	88.20 -2.14 -34.15	55.45 -2.86 0.00	42.73 -2.39 0.00	36.06 -2.26 0.00	35.66 -2.32 0.00	33.27 -2.20 0.00	33.62 -2.26 0.00	34.51 -2.16 0.00	39.57 -2.26 0.00	43.12 -2.66 0.00	61.65 -3.64 -5.65	115.81 -3.49 -50.82	131.03 -3.81 -55.47	133.91 -2.38 -66.26	96.32 -1.11 -32.22	71.59 -0.91 -15.45	59.07 -0.58 -6.75
LOWER___HUDSON 24059	43.03 1.17 0.00	39.61 1.19 0.00	38.91 1.13 0.00	38.40 1.08 0.00	39.39 1.04 0.00	44.60 1.30 0.00	55.46 1.46 0.00	68.53 1.12 -11.22	59.64 1.34 0.00	46.51 0.95 -0.43	41.51 0.84 -2.35	41.15 0.83 -2.34	38.23 0.71 -2.06	38.61 0.61 -2.12	38.69 0.66 -1.36	43.95 0.84 -1.28	48.11 1.01 -1.33	61.07 1.43 0.00	70.12 1.64 0.00	81.19 1.83 0.00	71.29 1.26 0.00	66.38 1.17 0.00	58.08 1.03 0.00	53.69 0.79 0.00
LOWVILLE_115KV_TB2 356335	40.65 -1.21 0.00	37.23 -1.19 0.00	36.57 -1.21 0.00	36.09 -1.23 0.00	37.92 -1.11 -0.68	42.08 -1.26 -0.03	55.71 -1.24 -2.95	65.57 -0.90 -10.28	56.73 -1.57 0.00	43.18 -1.94 0.00	36.29 -2.03 0.00	36.08 -1.90 0.00	33.62 -1.84 0.00	34.05 -1.83 0.00	34.87 -1.80 0.00	40.16 -1.67 0.00	44.17 -1.60 0.00	59.61 -1.73 -1.70	82.75 -1.03 -15.30	95.67 -0.40 -16.70	90.05 0.07 -19.95	74.33 0.59 -8.54	61.55 0.40 -4.10	55.36 0.42 -2.03

LUTHERFT_115KV_GLOB_FND_222 355753	43.16 1.30 0.00	39.69 1.27 0.00	38.99 1.21 0.00	38.51 1.19 0.00	39.50 1.15 0.00	44.73 1.43 0.00	55.95 1.94 0.00	68.27 1.74 -10.33	60.11 1.81 0.00	46.70 1.17 -0.40	41.37 0.88 -2.17	41.04 0.91 -2.16	38.11 0.74 -1.90	38.45 0.61 -1.95	38.62 0.70 -1.26	43.98 0.96 -1.18	48.29 1.28 -1.23	61.66 2.03 0.00	71.01 2.53 0.00	82.54 3.17 0.00	72.48 2.45 0.00	67.36 2.15 0.00	58.88 1.83 0.00	54.38 1.48 0.00
LUTHERNY_35_KV_BK2 355980	43.16 1.30 0.00	39.69 1.27 0.00	39.02 1.25 0.00	38.51 1.19 0.00	39.50 1.15 0.00	44.73 1.43 0.00	56.00 2.00 0.00	68.32 1.80 -10.33	60.11 1.81 0.00	46.70 1.17 -0.40	41.41 0.92 -2.17	41.04 0.91 -2.16	38.11 0.74 -1.90	38.45 0.61 -1.95	38.62 0.70 -1.26	43.98 0.96 -1.18	48.29 1.28 -1.23	61.72 2.09 0.00	71.08 2.60 0.00	82.62 3.25 0.00	72.55 2.52 0.00	67.36 2.15 0.00	58.93 1.88 0.00	54.43 1.53 0.00
LWR__OSWEGATCHIE_HYD 23850	40.61 -1.26 0.00	37.07 -1.34 0.00	36.46 -1.32 0.00	36.01 -1.31 0.00	38.70 -1.27 -1.61	41.91 -1.47 -0.08	59.07 -1.67 -6.74	78.09 -1.63 -23.53	55.91 -2.39 0.00	42.78 -2.35 0.00	35.98 -2.34 0.00	35.77 -2.20 0.00	33.34 -2.13 0.00	33.73 -2.15 0.00	34.58 -2.09 0.00	39.78 -2.05 0.00	43.44 -2.33 0.00	60.61 -2.92 -3.89	100.96 -2.53 -35.02	115.20 -2.38 -38.22	114.42 -1.26 -45.65	84.43 -0.33 -19.55	66.14 -0.29 -9.37	57.60 0.05 -4.65
LYONS_FALL_HYD 23570	41.28 -0.59 0.00	37.84 -0.58 0.00	37.17 -0.61 0.00	36.72 -0.60 0.00	38.30 -0.50 -0.45	42.76 -0.56 -0.02	55.53 -0.43 -1.96	62.87 -0.17 -6.85	57.72 -0.58 0.00	44.13 -0.99 0.00	37.17 -1.15 0.00	36.95 -1.02 0.00	34.43 -1.03 0.00	34.88 -1.00 0.00	35.68 -0.99 0.00	41.00 -0.84 0.00	45.09 -0.69 0.00	60.11 -0.65 -1.13	78.60 -0.07 -10.19	90.97 0.48 -11.12	83.94 0.63 -13.28	72.58 0.91 -6.46	60.83 0.69 -3.10	54.84 0.58 -1.35
MADISON__COUNTY_LFGE 323628	42.28 0.42 0.00	38.80 0.38 0.00	38.16 0.38 0.00	37.69 0.37 0.00	38.91 0.42 -0.14	43.83 0.52 -0.01	55.56 0.97 -0.58	59.47 1.24 -2.04	59.29 0.99 0.00	45.53 0.41 0.00	38.44 0.11 0.00	38.16 0.19 0.00	35.61 0.14 0.00	36.06 0.18 0.00	36.85 0.18 0.00	42.25 0.42 0.00	46.37 0.60 0.00	61.05 1.07 -0.34	73.09 1.57 -3.04	84.74 2.06 -3.31	75.67 1.68 -3.96	68.46 1.56 -1.69	59.17 1.31 -0.81	54.41 1.11 -0.40
MALONE__115KV_TB1 356076	41.36 -0.50 0.00	37.61 -0.81 0.00	37.02 -0.76 0.00	36.57 -0.75 0.00	38.51 -0.54 -0.70	42.73 -0.61 -0.03	55.93 -0.97 -2.90	65.35 -0.96 -10.11	56.90 -1.40 0.00	44.09 -1.04 0.00	37.17 -1.15 0.00	36.72 -1.25 0.00	34.26 -1.21 0.00	34.59 -1.29 0.00	35.53 -1.14 0.00	40.66 -1.17 0.00	44.26 -1.51 0.00	59.10 -2.21 -1.67	81.33 -2.19 -15.05	93.33 -2.46 -16.42	88.73 -0.91 -19.62	73.41 -0.20 -8.40	61.31 0.23 -4.03	55.90 1.01 -2.00
MAPLEWOD_115KV_TB3 80458	43.24 1.38 0.00	39.76 1.34 0.00	39.06 1.28 0.00	38.55 1.23 0.00	39.54 1.19 0.00	44.73 1.43 0.00	55.35 1.35 0.00	68.83 1.01 -11.63	59.58 1.28 0.00	46.48 0.90 -0.45	41.63 0.88 -2.43	41.26 0.87 -2.42	38.34 0.74 -2.13	38.72 0.65 -2.19	38.77 0.70 -1.41	44.03 0.88 -1.32	48.16 1.01 -1.37	61.07 1.43 0.00	69.98 1.51 0.00	81.11 1.75 0.00	71.22 1.19 0.00	66.31 1.11 0.00	58.02 0.97 0.00	53.64 0.74 0.00
MAPLE_RIDGE_WT_1 323574	41.65 -0.21 0.00	38.19 -0.23 0.00	37.55 -0.23 0.00	37.10 -0.22 0.00	38.09 -0.19 0.07	43.09 -0.22 0.00	53.40 -0.32 0.28	54.88 -0.34 0.98	57.83 -0.47 0.00	44.81 -0.31 0.00	38.01 -0.31 0.00	37.67 -0.31 0.00	35.14 -0.32 0.00	35.56 -0.32 0.00	36.38 -0.29 0.00	41.50 -0.34 0.00	45.41 -0.37 0.00	58.88 -0.60 0.16	66.41 -0.62 1.45	77.06 -0.72 1.59	67.72 -0.42 1.89	63.96 -0.32 0.92	56.38 -0.23 0.44	52.60 -0.11 0.19
MAPLE_RIDGE_WT_2 323611	41.65 -0.21 0.00	38.19 -0.23 0.00	37.55 -0.23 0.00	37.10 -0.22 0.00	38.09 -0.19 0.07	43.09 -0.22 0.00	53.40 -0.32 0.28	54.88 -0.34 0.98	57.83 -0.47 0.00	44.81 -0.31 0.00	38.01 -0.31 0.00	37.67 -0.31 0.00	35.14 -0.32 0.00	35.56 -0.32 0.00	36.38 -0.29 0.00	41.50 -0.34 0.00	45.41 -0.37 0.00	58.88 -0.60 0.16	66.41 -0.62 1.45	77.06 -0.72 1.59	67.72 -0.42 1.89	63.96 -0.32 0.92	56.38 -0.23 0.44	52.60 -0.11 0.19
MARBLE_RIVER_WT_PWR 323696	40.77 -1.09 0.00	37.19 -1.23 0.00	36.57 -1.21 0.00	36.16 -1.16 0.00	37.28 -0.96 0.11	42.17 -1.13 0.01	51.89 -1.67 0.43	52.93 -1.74 1.52	56.20 -2.10 0.00	43.64 -1.49 0.00	36.98 -1.34 0.00	36.49 -1.48 0.00	34.04 -1.42 0.00	34.41 -1.47 0.00	35.28 -1.39 0.00	40.33 -1.50 0.00	43.99 -1.79 0.00	56.58 -2.80 0.25	63.14 -3.08 2.26	73.49 -3.41 2.46	65.12 -1.96 2.94	62.53 -1.24 1.43	55.62 -0.74 0.69	52.44 -0.16 0.30
MARSHVLE_115KV_TB1 80742	43.45 1.59 0.00	39.88 1.46 0.00	39.18 1.40 0.00	38.74 1.42 0.00	39.81 1.46 0.00	45.17 1.86 0.00	57.03 3.02 0.00	65.73 2.98 -6.56	60.40 2.10 0.00	45.71 0.59 0.00	38.36 0.04 0.00	38.13 0.15 0.00	35.61 0.14 0.00	35.95 0.07 0.00	36.85 0.18 0.00	42.42 0.59 0.00	46.96 1.19 0.00	62.14 2.50 0.00	72.24 3.77 0.00	84.84 5.48 0.00	74.58 4.55 0.00	69.05 3.85 0.00	60.30 3.25 0.00	55.65 2.75 0.00
MARSH_HILL_WT_PWR 323713	37.47 -4.39 0.00	34.15 -4.27 0.00	33.51 -4.27 0.00	32.91 -4.40 0.00	33.79 -4.56 0.00	38.45 -4.98 -0.13	86.06 -5.73 -37.78	90.08 -5.62 -39.51	79.02 -6.41 -27.13	39.93 -5.23 -0.04	33.76 -4.56 -3.61	36.99 -4.60 -0.13	31.37 -4.22 -7.93	40.00 -3.80 -10.04	42.67 -4.03 -28.82	66.34 -4.31 -31.61	72.48 -4.90 -42.31	97.00 -4.95 -32.29	95.70 -5.07 -32.29	113.18 -5.48 -39.29	67.53 -5.11 -2.61	64.99 -4.63 -4.42	53.23 -3.82 0.00	49.78 -3.12 0.00
MCINTYRE_115KV_TB2 80467	41.86 0.00 0.00	38.11 -0.31 0.00	37.51 -0.26 0.00	37.06 -0.26 0.00	41.20 0.00 -2.85	43.36 -0.09 -0.14	65.40 -0.27 -11.67	96.71 -0.22 -40.74	57.14 -1.17 0.00	44.04 -1.08 0.00	37.13 -1.19 0.00	36.68 -1.29 0.00	34.22 -1.24 0.00	34.59 -1.29 0.00	35.53 -1.14 0.00	40.74 -1.09 0.00	44.40 -1.37 0.00	64.41 -1.97 -6.74	127.74 -1.37 -60.63	144.19 -1.35 -66.18	149.22 0.14 -79.05	99.84 0.78 -33.85	74.14 0.86 -16.23	61.91 1.43 -7.58
MECO____69_KV_BK1 80468	43.95 2.09 0.00	40.34 1.92 0.00	39.63 1.85 0.00	39.18 1.87 0.00	40.31 1.96 0.00	45.73 2.43 0.00	57.73 3.73 0.00	67.55 3.60 -7.76	60.92 2.62 0.00	46.46 1.04 -0.30	40.37 0.42 -1.63	40.05 0.46 -1.62	37.28 0.39 -1.42	37.64 0.29 -1.47	38.02 0.40 -0.94	43.60 0.88 -0.89	48.21 1.51 -0.93	62.86 3.22 0.00	73.27 4.79 0.00	86.03 6.67 0.00	75.56 5.53 0.00	69.96 4.76 0.00	61.10 4.05 0.00	56.39 3.49 0.00
MENANDS__115KV_TB5 355628	43.20 1.34 0.00	39.73 1.31 0.00	39.06 1.28 0.00	38.55 1.23 0.00	39.50 1.15 0.00	44.69 1.39 0.00	55.19 1.19 0.00	68.66 0.73 -11.74	59.41 1.11 0.00	46.39 0.81 -0.45	41.58 0.80 -2.45	41.21 0.80 -2.44	38.28 0.67 -2.15	38.67 0.57 -2.21	38.75 0.66 -1.42	43.96 0.79 -1.34	48.03 0.87 -1.39	60.77 1.13 0.00	69.64 1.16 0.00	80.64 1.27 0.00	70.80 0.77 0.00	65.92 0.72 0.00	57.73 0.68 0.00	53.38 0.48 0.00

MG INDUSTRY___DRP 24185	43.12 1.26 0.00	39.69 1.27 0.00	38.99 1.21 0.00	38.51 1.19 0.00	39.50 1.15 0.00	44.60 1.30 0.00	55.35 1.35 0.00	69.33 1.01 -12.13	59.41 1.11 0.00	46.24 0.68 -0.44	41.29 0.57 -2.39	40.96 0.61 -2.38	38.05 0.50 -2.09	38.50 0.47 -2.15	38.57 0.51 -1.39	43.76 0.63 -1.30	47.96 0.82 -1.36	60.95 1.31 0.00	69.98 1.51 0.00	81.11 1.75 0.00	71.29 1.26 0.00	66.38 1.17 0.00	58.19 1.14 0.00	53.91 1.01 0.00
MID___OSWEGATCHIE_HYD 23849	40.61 -1.26 0.00	37.07 -1.34 0.00	36.46 -1.32 0.00	36.01 -1.31 0.00	38.70 -1.27 -1.61	41.91 -1.47 -0.08	59.07 -1.67 -6.74	78.09 -1.63 -23.53	55.91 -2.39 0.00	42.78 -2.35 0.00	35.98 -2.34 0.00	35.77 -2.20 0.00	33.34 -2.13 0.00	33.73 -2.15 0.00	34.58 -2.09 0.00	39.78 -2.05 0.00	43.44 -2.33 0.00	60.61 -2.92 -3.89	100.96 -2.53 -35.02	115.20 -2.38 -38.22	114.42 -1.26 -45.65	84.43 -0.33 -19.55	66.14 -0.29 -9.37	57.60 0.05 -4.65
MID___RAQUETTE_HYD 23851	40.69 -1.17 0.00	37.07 -1.34 0.00	36.49 -1.28 0.00	36.05 -1.27 0.00	39.39 -1.34 -2.38	41.86 -1.56 -0.12	61.68 -2.11 -9.78	88.20 -2.14 -34.15	55.50 -2.80 0.00	42.78 -2.35 0.00	36.06 -2.26 0.00	35.66 -2.32 0.00	33.27 -2.20 0.00	33.62 -2.26 0.00	34.51 -2.16 0.00	39.57 -2.26 0.00	43.12 -2.65 0.00	61.65 -3.64 -5.65	115.80 -3.49 -50.82	130.95 -3.89 -55.47	133.98 -2.31 -66.26	92.47 -1.11 -28.37	69.86 -0.80 -13.60	59.54 -0.11 -6.75
MILLIKEN___1 23584	42.20 0.33 0.00	38.65 0.23 0.00	38.00 0.23 0.00	37.54 0.22 0.00	38.58 0.23 0.00	43.66 0.35 -0.01	57.27 0.86 -2.40	59.71 1.01 -2.51	60.72 0.70 -1.72	45.40 0.27 0.00	38.36 0.04 0.00	38.20 0.00 -0.23	35.51 0.04 -0.01	36.49 0.11 -0.50	37.38 0.07 -0.64	43.79 0.13 -1.83	48.06 0.27 -2.01	63.22 0.89 -2.69	71.83 1.30 -2.05	83.61 1.75 -2.50	71.37 1.26 -0.09	66.46 1.11 -0.15	58.02 0.97 0.00	53.75 0.85 0.00
MILLIKEN___2 23585	42.20 0.33 0.00	38.65 0.23 0.00	38.00 0.23 0.00	37.54 0.22 0.00	38.58 0.23 0.00	43.66 0.35 -0.01	57.27 0.86 -2.40	59.71 1.01 -2.51	60.72 0.70 -1.72	45.40 0.27 0.00	38.36 0.04 0.00	38.20 0.00 -0.23	35.51 0.04 -0.01	36.49 0.11 -0.50	37.38 0.07 -0.64	43.79 0.13 -1.83	48.06 0.27 -2.01	63.22 0.89 -2.69	71.83 1.30 -2.05	83.61 1.75 -2.50	71.37 1.26 -0.09	66.46 1.11 -0.15	58.02 0.97 0.00	53.75 0.85 0.00
MILLIKEN___DIESEL 23629	42.20 0.33 0.00	38.65 0.23 0.00	38.00 0.23 0.00	37.54 0.22 0.00	38.58 0.23 0.00	43.66 0.35 -0.01	57.27 0.86 -2.40	59.71 1.01 -2.51	60.72 0.70 -1.72	45.40 0.27 0.00	38.36 0.04 0.00	38.20 0.00 -0.23	35.51 0.04 -0.01	36.49 0.11 -0.50	37.38 0.07 -0.64	43.79 0.13 -1.83	48.06 0.27 -2.01	63.22 0.89 -2.69	71.83 1.30 -2.05	83.61 1.75 -2.50	71.37 1.26 -0.09	66.46 1.11 -0.15	58.02 0.97 0.00	53.75 0.85 0.00
MILLSEAT___LFGE 323607	38.39 -3.47 0.00	34.89 -3.53 0.00	34.34 -3.44 0.00	33.81 -3.51 0.00	34.71 -3.64 0.00	38.86 -4.42 0.02	42.53 -4.81 6.66	44.56 -4.66 6.97	48.27 -5.25 4.79	41.01 -4.11 0.01	34.80 -3.52 0.00	33.72 -3.61 0.64	32.25 -3.19 0.02	31.57 -2.91 1.40	31.63 -3.26 1.78	32.86 -3.89 5.08	36.17 -4.03 5.57	47.29 -4.89 7.46	57.30 -5.48 5.70	65.77 -6.67 6.93	63.56 -6.16 0.31	58.68 -6.00 0.52	52.26 -4.79 0.00	48.88 -4.02 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	43.62 1.76 0.00	40.03 1.61 0.00	39.36 1.59 0.00	38.77 1.46 0.00	39.73 1.38 0.00	44.99 1.69 0.00	56.65 2.65 0.00	97.69 2.42 -39.09	61.16 2.86 0.00	49.29 2.44 -1.73	49.82 2.15 -9.35	49.49 2.20 -9.31	45.68 2.02 -8.19	46.40 2.08 -8.44	44.22 2.13 -5.43	49.36 2.43 -5.10	53.54 2.65 -5.11	63.21 3.58 0.00	72.45 3.97 0.00	83.97 4.60 0.00	73.39 3.36 0.00	68.07 2.87 0.00	59.56 2.51 0.00	54.91 2.01 0.00
MILLWOOD_13_KV_LOAD 356217	43.70 1.84 0.00	40.07 1.65 0.00	39.48 1.70 0.00	38.85 1.53 0.00	39.85 1.50 0.00	45.08 1.78 0.00	56.76 2.75 0.00	97.86 2.58 -39.09	61.27 2.97 0.00	49.38 2.53 -1.73	49.90 2.22 -9.35	49.53 2.24 -9.31	45.71 2.06 -8.19	46.43 2.12 -8.44	44.30 2.20 -5.43	49.44 2.51 -5.10	53.63 2.75 -5.11	63.45 3.82 0.00	72.72 4.25 0.00	84.29 4.92 0.00	73.60 3.57 0.00	68.27 3.06 0.00	59.79 2.74 0.00	55.12 2.22 0.00
MODEL_CITY_ENERGY 24167	36.84 -5.02 0.00	33.50 -4.92 0.00	33.02 -4.76 0.00	32.43 -4.89 0.00	33.29 -5.06 0.00	37.04 -6.24 0.03	38.58 -7.07 8.35	40.16 -7.30 8.73	44.67 -7.64 6.00	39.21 -5.91 0.01	33.34 -4.98 0.00	32.30 -4.86 0.81	30.93 -4.50 0.03	30.03 -4.09 1.76	30.04 -4.40 2.23	30.15 -5.31 6.37	33.11 -5.68 6.99	43.01 -7.28 9.35	52.98 -8.36 7.14	60.60 -10.08 8.68	60.13 -9.46 0.45	55.45 -9.00 0.76	49.75 -7.30 0.00	46.66 -6.24 0.00
MODERN_LFGE___ 323580	36.84 -5.02 0.00	33.50 -4.92 0.00	33.02 -4.76 0.00	32.43 -4.89 0.00	33.29 -5.06 0.00	37.04 -6.24 0.03	38.58 -7.07 8.35	40.16 -7.30 8.73	44.67 -7.64 6.00	39.21 -5.91 0.01	33.34 -4.98 0.00	32.30 -4.86 0.81	30.93 -4.50 0.03	30.03 -4.09 1.76	30.04 -4.40 2.23	30.15 -5.31 6.37	33.11 -5.68 6.99	43.01 -7.28 9.35	52.98 -8.36 7.14	60.60 -10.08 8.68	60.13 -9.46 0.45	55.45 -9.00 0.76	49.75 -7.30 0.00	46.66 -6.24 0.00
MOHAWK_PAPER___DRP 24187	43.24 1.38 0.00	39.76 1.34 0.00	39.06 1.28 0.00	38.55 1.23 0.00	39.54 1.19 0.00	44.73 1.43 0.00	55.35 1.35 0.00	68.83 1.01 -11.63	59.58 1.28 0.00	46.48 0.90 -0.45	41.63 0.88 -2.43	41.26 0.87 -2.42	38.34 0.74 -2.13	38.72 0.65 -2.19	38.77 0.70 -1.41	44.03 0.88 -1.32	48.16 1.01 -1.37	61.07 1.43 0.00	69.98 1.51 0.00	81.11 1.75 0.00	71.22 1.19 0.00	66.31 1.11 0.00	58.02 0.97 0.00	53.64 0.74 0.00
MOHICAN_35_KV_115KV_LD 80490	42.74 0.88 0.00	39.34 0.92 0.00	38.65 0.87 0.00	38.21 0.90 0.00	39.19 0.84 0.00	44.39 1.08 0.00	55.73 1.73 0.00	68.05 1.57 -10.29	59.76 1.46 0.00	46.34 0.81 -0.40	40.98 0.50 -2.16	40.65 0.53 -2.15	37.71 0.35 -1.89	38.01 0.18 -1.95	38.18 0.26 -1.25	43.51 0.50 -1.18	47.87 0.87 -1.23	61.37 1.73 0.00	70.80 2.33 0.00	82.62 3.25 0.00	72.55 2.52 0.00	67.29 2.09 0.00	58.70 1.65 0.00	54.22 1.32 0.00
MONGAUP___HYD 23641	43.41 1.55 0.00	39.80 1.38 0.00	39.18 1.40 0.00	38.62 1.31 0.00	39.61 1.26 0.00	44.86 1.56 0.00	56.06 2.05 0.00	-56.07 2.30 114.56	60.11 1.81 0.00	40.13 1.31 6.30	5.52 1.34 34.15	5.31 1.33 33.99	6.72 1.17 29.91	6.34 1.26 30.80	18.18 1.32 19.81	24.76 1.55 18.62	27.61 1.60 19.76	61.54 1.91 0.00	71.01 2.54 0.00	82.54 3.18 0.00	72.33 2.31 0.00	67.10 1.89 0.00	59.16 2.11 0.00	54.64 1.74 0.00
MONTAUK___DIESEL 23721	44.75 2.89 0.00	40.88 2.46 0.00	40.01 2.23 0.00	39.22 1.90 0.00	40.23 1.88 0.00	45.30 1.99 0.00	57.19 3.19 0.00	94.85 1.12 -37.53	60.40 2.10 0.00	48.66 1.90 -1.64	49.56 2.34 -8.90	49.15 2.32 -8.86	45.53 2.27 -7.80	46.06 2.15 -8.03	44.40 2.57 -5.16	49.36 2.68 -4.85	54.01 3.39 -4.85	63.69 4.06 0.00	72.93 4.45 0.00	85.40 6.03 0.00	74.93 4.90 0.00	69.12 3.91 0.00	60.70 3.65 0.00	55.28 2.38 0.00

MOONROAD_115KV_HARTFLD_TB1-2 355988	36.08 -5.78 0.00	32.81 -5.61 0.00	32.38 -5.40 0.00	31.79 -5.52 0.00	32.64 -5.71 0.00	37.08 -6.19 0.04	36.26 -7.29 10.45	38.24 -7.02 10.93	43.45 -7.35 7.50	39.25 -5.87 0.01	33.23 -5.10 0.00	31.92 -5.05 1.00	30.93 -4.50 0.04	29.38 -4.31 2.19	29.35 -4.55 2.78	28.72 -5.15 7.97	31.45 -5.58 8.74	41.67 -6.26 11.70	52.97 -6.57 8.93	61.44 -7.06 10.87	63.16 -6.30 0.56	58.31 -5.93 0.96	52.37 -4.68 0.00	48.62 -4.28 0.00
MORRIS_RIDGE___SOLAR 323848	38.01 -3.85 0.00	34.69 -3.73 0.00	34.11 -3.66 0.00	33.55 -3.77 0.00	34.40 -3.95 0.00	38.79 -4.37 0.14	8.03 -4.97 41.01	8.30 -5.00 42.89	23.26 -5.60 29.44	40.53 -4.56 0.04	34.34 -3.99 0.00	30.03 -4.03 3.92	31.60 -3.72 0.14	23.80 -3.48 8.60	22.11 -3.67 10.89	6.46 -4.10 31.28	7.03 -4.44 34.30	8.76 -4.95 45.93	28.15 -5.27 35.05	30.85 -5.87 42.64	63.07 -5.46 1.50	57.58 -5.09 2.54	52.94 -4.11 0.00	49.46 -3.44 0.00
MORTIMER_115KV_TB3 55949	40.23 -1.63 0.00	36.65 -1.77 0.00	36.04 -1.74 0.00	35.56 -1.75 0.00	36.55 -1.80 0.00	41.05 -2.25 0.00	51.53 -2.48 -0.01	54.01 -2.19 -0.01	55.68 -2.62 -0.01	43.32 -1.80 0.00	36.75 -1.57 0.00	36.15 -1.82 0.00	34.08 -1.38 0.00	34.45 -1.44 0.00	34.98 -1.69 0.00	39.87 -1.97 -0.01	43.68 -2.11 -0.01	57.26 -2.39 -0.01	65.88 -2.60 -0.01	76.12 -3.25 -0.01	67.27 -2.87 -0.11	62.59 -2.80 -0.19	54.83 -2.22 0.00	51.00 -1.90 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.91 2.05 0.00	40.26 1.84 0.00	39.63 1.85 0.00	39.00 1.68 0.00	40.00 1.65 0.00	45.30 1.99 0.00	57.03 3.02 0.00	96.62 2.87 -37.57	61.68 3.38 0.00	49.66 2.89 -1.64	49.80 2.57 -8.91	49.47 2.62 -8.87	45.68 2.41 -7.81	46.40 2.48 -8.04	44.37 2.53 -5.17	49.54 2.84 -4.86	53.70 3.07 -4.85	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.60 3.39 0.00	60.02 2.97 0.00	55.33 2.43 0.00
MUNSVILLE_WIND_PWR 323609	42.95 1.09 0.00	39.34 0.92 0.00	38.57 0.79 0.00	37.99 0.67 0.00	39.27 0.92 0.00	44.48 1.17 -0.01	57.74 2.22 -1.52	52.65 2.81 6.35	61.61 2.21 -1.09	45.39 0.59 0.32	36.46 -0.11 1.75	36.42 0.04 1.59	33.87 -0.07 1.53	34.73 0.11 1.26	36.17 0.11 0.61	42.67 0.63 -0.21	47.22 1.19 -0.25	63.96 2.62 -1.70	73.74 3.97 -1.30	86.10 5.16 -1.58	74.30 4.27 0.00	68.79 3.58 0.00	60.07 3.02 0.00	55.60 2.70 0.00
N SALMON___HYD 24042	41.36 -0.50 0.00	37.61 -0.81 0.00	37.02 -0.76 0.00	36.57 -0.75 0.00	38.51 -0.54 -0.70	42.73 -0.61 -0.03	55.93 -0.97 -2.90	65.35 -0.96 -10.11	56.90 -1.40 0.00	44.04 -1.08 0.00	37.17 -1.15 0.00	36.72 -1.25 0.00	34.26 -1.21 0.00	34.59 -1.29 0.00	35.53 -1.14 0.00	40.66 -1.17 0.00	44.27 -1.51 0.00	59.10 -2.21 -1.67	81.33 -2.38 -15.05	93.41 -2.98 -16.42	88.66 -0.98 -19.62	74.55 -0.20 -9.54	61.68 0.06 -4.57	55.37 0.48 -2.00
N.AKRON___115KV_KNAPP 355671	38.26 -3.60 0.00	34.73 -3.69 0.00	34.23 -3.55 0.00	33.66 -3.66 0.00	34.59 -3.76 0.00	38.78 -4.50 0.02	42.04 -5.02 6.94	44.05 -4.89 7.26	47.89 -5.42 4.98	40.92 -4.20 0.01	34.72 -3.60 0.00	33.62 -3.68 0.67	32.18 -3.26 0.02	31.44 -2.98 1.46	31.48 -3.34 1.85	32.56 -3.97 5.29	35.62 -4.35 5.81	46.80 -5.07 7.77	56.79 -5.75 5.93	65.17 -6.98 7.22	63.26 -6.44 0.33	58.45 -6.19 0.56	52.09 -4.96 0.00	48.56 -4.34 0.00
N.E._GEN_SANDY PD 24062	43.24 1.38 0.00	39.80 1.38 0.00	39.10 1.32 0.00	38.59 1.27 0.00	39.50 1.15 0.00	44.78 1.47 0.00	55.73 1.73 0.00	75.61 1.35 -18.07	59.99 1.69 0.00	47.19 1.35 -0.71	43.40 1.23 -3.86	43.06 1.25 -3.84	39.94 1.10 -3.38	40.40 1.04 -3.48	40.01 1.10 -2.24	45.19 1.25 -2.10	49.83 1.37 -2.68	60.77 1.73 0.60	70.39 1.91 0.00	81.35 1.98 0.00	71.35 1.33 0.00	66.44 1.24 0.00	58.13 1.08 0.00	53.69 0.79 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	43.49 1.63 0.00	39.92 1.50 0.00	39.29 1.51 0.00	38.66 1.34 0.00	39.65 1.30 0.00	44.86 1.56 0.00	56.49 2.48 0.00	106.08 2.30 -47.58	60.98 2.68 0.00	49.79 2.30 -2.36	53.16 2.03 -12.81	52.77 2.05 -12.75	48.56 1.88 -11.22	49.41 1.97 -11.55	46.12 2.02 -7.43	51.12 2.30 -6.98	55.36 2.47 -7.11	62.92 3.28 0.00	72.10 3.63 0.00	83.57 4.21 0.00	73.04 3.01 0.00	67.81 2.61 0.00	59.27 2.22 0.00	54.70 1.80 0.00
N.QUEENS_27_KV_LOAD 356247	44.21 2.34 0.00	40.46 2.04 0.00	39.82 2.04 0.00	39.15 1.83 0.00	40.12 1.76 0.00	45.30 1.99 0.00	56.87 2.86 0.00	96.41 2.64 -37.58	61.51 3.21 0.00	49.66 2.89 -1.65	49.77 2.53 -8.92	49.47 2.62 -8.88	45.68 2.41 -7.81	46.43 2.51 -8.04	44.33 2.49 -5.17	49.45 2.76 -4.86	53.51 2.88 -4.86	63.51 3.88 0.00	72.79 4.31 0.00	84.45 5.08 0.00	73.67 3.64 0.00	68.33 3.13 0.00	59.96 2.91 0.00	55.60 2.70 0.00
N.TROY___115KV_TB1 355778	43.03 1.17 0.00	39.61 1.19 0.00	38.91 1.13 0.00	38.40 1.08 0.00	39.39 1.04 0.00	44.56 1.26 0.00	55.46 1.46 0.00	68.53 1.12 -11.22	59.64 1.34 0.00	46.51 0.95 -0.43	41.52 0.84 -2.35	41.15 0.84 -2.34	38.23 0.71 -2.06	38.61 0.61 -2.12	38.69 0.66 -1.36	43.95 0.84 -1.28	48.16 1.05 -1.33	61.07 1.43 0.00	70.12 1.64 0.00	81.27 1.90 0.00	71.29 1.26 0.00	66.31 1.11 0.00	58.02 0.97 0.00	53.64 0.74 0.00
NARROWS_GT1_1 24228	44.42 2.55 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.29 1.98 0.00	40.27 1.92 0.00	45.55 2.25 0.00	57.30 3.29 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.62 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.60 2.97 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.92 3.71 0.00	60.53 3.48 0.00	55.97 3.07 0.00
NARROWS_GT1_2 24229	44.42 2.55 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.29 1.98 0.00	40.27 1.92 0.00	45.55 2.25 0.00	57.30 3.29 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.62 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.60 2.97 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.92 3.71 0.00	60.53 3.48 0.00	55.97 3.07 0.00
NARROWS_GT1_3 24230	44.42 2.55 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.29 1.98 0.00	40.27 1.92 0.00	45.55 2.25 0.00	57.30 3.29 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.62 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.60 2.97 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.92 3.71 0.00	60.53 3.48 0.00	55.97 3.07 0.00
NARROWS_GT1_4 24231	44.42 2.55 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.29 1.98 0.00	40.27 1.92 0.00	45.55 2.25 0.00	57.30 3.29 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.62 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.60 2.97 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.92 3.71 0.00	60.53 3.48 0.00	55.97 3.07 0.00

NARROWS_GT1_5 24232	44.42 2.55 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.29 1.98 0.00	40.27 1.92 0.00	45.55 2.25 0.00	57.30 3.29 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.62 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.60 2.97 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.92 3.71 0.00	60.53 3.48 0.00	55.97 3.07 0.00
NARROWS_GT1_6 24233	44.42 2.55 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.29 1.98 0.00	40.27 1.92 0.00	45.55 2.25 0.00	57.30 3.29 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.62 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.60 2.97 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.92 3.71 0.00	60.53 3.48 0.00	55.97 3.07 0.00
NARROWS_GT1_7 24234	44.42 2.55 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.29 1.98 0.00	40.27 1.92 0.00	45.55 2.25 0.00	57.30 3.29 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.62 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.60 2.97 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.92 3.71 0.00	60.53 3.48 0.00	55.97 3.07 0.00
NARROWS_GT1_8 24235	44.42 2.55 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.29 1.98 0.00	40.27 1.92 0.00	45.55 2.25 0.00	57.30 3.29 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.62 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.60 2.97 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.92 3.71 0.00	60.53 3.48 0.00	55.97 3.07 0.00
NARROWS_GT2_1 24236	44.42 2.55 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.29 1.98 0.00	40.27 1.92 0.00	45.55 2.25 0.00	57.30 3.29 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.62 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.60 2.97 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.92 3.71 0.00	60.53 3.48 0.00	55.97 3.07 0.00
NARROWS_GT2_2 24237	44.42 2.55 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.29 1.98 0.00	40.27 1.92 0.00	45.55 2.25 0.00	57.30 3.29 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.62 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.60 2.97 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.92 3.71 0.00	60.53 3.48 0.00	55.97 3.07 0.00
NARROWS_GT2_3 24238	44.42 2.55 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.29 1.98 0.00	40.27 1.92 0.00	45.55 2.25 0.00	57.30 3.29 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.62 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.60 2.97 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.92 3.71 0.00	60.53 3.48 0.00	55.97 3.07 0.00
NARROWS_GT2_4 24239	44.42 2.55 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.29 1.98 0.00	40.27 1.92 0.00	45.55 2.25 0.00	57.30 3.29 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.62 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.60 2.97 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.92 3.71 0.00	60.53 3.48 0.00	55.97 3.07 0.00
NARROWS_GT2_5 24240	44.42 2.55 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.29 1.98 0.00	40.27 1.92 0.00	45.55 2.25 0.00	57.30 3.29 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.62 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.60 2.97 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.92 3.71 0.00	60.53 3.48 0.00	55.97 3.07 0.00
NARROWS_GT2_6 24241	44.42 2.55 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.29 1.98 0.00	40.27 1.92 0.00	45.55 2.25 0.00	57.30 3.29 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.62 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.60 2.97 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.92 3.71 0.00	60.53 3.48 0.00	55.97 3.07 0.00
NARROWS_GT2_7 24242	44.42 2.55 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.29 1.98 0.00	40.27 1.92 0.00	45.55 2.25 0.00	57.30 3.29 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.62 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.60 2.97 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.92 3.71 0.00	60.53 3.48 0.00	55.97 3.07 0.00
NARROWS_GT2_8 24243	44.42 2.55 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.29 1.98 0.00	40.27 1.92 0.00	45.55 2.25 0.00	57.30 3.29 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.62 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.60 2.97 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.92 3.71 0.00	60.53 3.48 0.00	55.97 3.07 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	43.70 1.84 0.00	40.15 1.73 0.00	39.48 1.70 0.00	39.00 1.68 0.00	40.00 1.65 0.00	45.25 1.95 0.00	56.00 2.00 0.00	71.86 1.52 -14.16	59.76 1.46 0.00	46.29 0.72 -0.45	41.27 0.54 -2.41	40.83 0.46 -2.40	37.90 0.32 -2.11	38.35 0.29 -2.18	38.40 0.33 -1.40	43.69 0.54 -1.32	48.00 0.87 -1.35	61.31 1.67 0.00	70.74 2.26 0.00	82.22 2.86 0.00	72.20 2.17 0.00	67.16 1.96 0.00	58.88 1.83 0.00	54.59 1.69 0.00
NCHELSEA_115KV_TR2 355582	43.70 1.84 0.00	40.07 1.65 0.00	39.48 1.70 0.00	38.89 1.57 0.00	39.88 1.53 0.00	45.12 1.82 0.00	56.76 2.75 0.00	92.50 2.64 -33.67	61.22 2.92 0.00	48.13 2.30 -0.70	44.16 2.03 -3.81	43.78 2.01 -3.79	40.57 1.77 -3.33	41.18 1.87 -3.43	40.82 1.94 -2.21	46.17 2.26 -2.08	50.31 2.56 -1.98	63.27 3.64 0.00	72.72 4.25 0.00	84.29 4.92 0.00	73.74 3.71 0.00	68.40 3.20 0.00	59.90 2.85 0.00	55.23 2.33 0.00
NEG CAPITAL__MECHNVIL 23645	43.29 1.42 0.00	39.80 1.38 0.00	39.10 1.32 0.00	38.62 1.31 0.00	39.61 1.26 0.00	44.91 1.60 0.00	56.11 2.10 0.00	68.70 1.91 -10.60	60.28 1.98 0.00	46.89 1.35 -0.41	41.58 1.04 -2.22	41.25 1.06 -2.21	38.30 0.89 -1.95	38.64 0.75 -2.00	38.76 0.81 -1.29	44.17 1.13 -1.21	48.46 1.42 -1.26	61.90 2.27 0.00	71.22 2.74 0.00	82.78 3.41 0.00	72.69 2.66 0.00	67.49 2.28 0.00	58.99 1.94 0.00	54.59 1.69 0.00

NEG CENTRAL_HIGH_ACRES 23767	40.02 -1.84 0.00	36.58 -1.84 0.00	35.93 -1.85 0.00	35.45 -1.86 0.00	36.43 -1.92 0.00	41.01 -2.30 0.00	51.47 -2.54 0.00	54.00 -2.19 0.00	55.68 -2.62 0.00	43.23 -1.89 0.00	36.64 -1.69 0.00	36.08 -1.90 0.00	33.98 -1.49 0.00	34.34 -1.54 0.00	34.87 -1.80 0.00	39.78 -2.05 0.00	43.67 -2.10 0.00	57.19 -2.45 0.00	65.73 -2.74 0.00	75.96 -3.41 0.00	67.20 -2.94 -0.11	62.52 -2.87 -0.19	54.66 -2.39 0.00	50.89 -2.01 0.00
NEG CENTRAL___DRP 24199	41.28 -0.59 0.00	37.77 -0.65 0.00	37.14 -0.64 0.00	36.65 -0.67 0.00	37.66 -0.69 0.00	42.62 -0.69 -0.01	56.45 -0.65 -3.09	58.98 -0.45 -3.24	59.71 -0.82 -2.22	44.54 -0.59 0.00	37.71 -0.61 0.00	37.59 -0.68 -0.30	34.94 -0.53 -0.01	36.06 -0.47 -0.65	36.91 -0.59 -0.82	43.52 -0.67 -2.36	47.54 -0.82 -2.59	62.51 -0.60 -3.47	70.57 -0.55 -2.65	82.11 -0.48 -3.22	69.64 -0.63 -0.24	64.96 -0.65 -0.41	56.65 -0.40 0.00	52.58 -0.32 0.00
NEG CENTRAL___INDECK 23768	40.61 -1.25 0.00	37.00 -1.42 0.00	36.34 -1.44 0.00	35.82 -1.49 0.00	36.85 -1.50 0.00	41.81 -1.60 -0.11	84.40 -1.40 -31.80	88.33 -1.12 -33.26	78.80 -2.33 -22.83	42.99 -2.17 -0.03	36.29 -2.03 0.00	38.74 -2.28 -3.04	33.62 -1.95 -0.11	40.76 -1.79 -6.67	43.14 -1.98 -8.45	64.00 -2.09 -24.25	70.36 -2.01 -26.60	93.64 -1.61 -35.61	94.56 -1.10 -27.18	111.49 -0.95 -33.07	71.58 -0.77 -2.32	68.29 -0.85 -3.93	56.48 -0.57 0.00	52.58 -0.32 0.00
NEG CENTRAL___SENECA 23627	41.02 -0.84 0.00	37.46 -0.96 0.00	36.83 -0.94 0.00	36.38 -0.93 0.00	37.39 -0.96 0.00	42.32 -1.00 -0.02	57.78 -1.13 -4.91	60.43 -0.90 -5.14	60.49 -1.34 -3.53	44.23 -0.90 -0.01	37.40 -0.92 0.00	37.46 -0.99 -0.47	34.66 -0.82 -0.02	36.20 -0.72 -1.03	37.09 -0.88 -1.31	44.57 -1.00 -3.75	48.60 -1.28 -4.11	64.12 -1.01 -5.50	71.72 -0.96 -4.20	83.44 -1.03 -5.11	69.28 -1.12 -0.37	64.66 -1.17 -0.63	56.42 -0.63 0.00	52.37 -0.53 0.00
NEG CENTRAL___STATE_STREET 24147	41.69 -0.17 0.00	38.19 -0.23 0.00	37.55 -0.23 0.00	37.09 -0.22 0.00	38.08 -0.27 0.00	43.09 -0.22 0.00	55.30 0.05 -1.24	57.71 0.22 -1.30	59.19 0.00 -0.89	45.04 -0.09 0.00	38.17 -0.15 0.00	37.87 -0.23 -0.12	35.33 -0.14 0.00	36.07 -0.07 -0.26	36.85 -0.15 -0.33	42.61 -0.17 -0.95	46.68 -0.14 -1.04	61.26 0.24 -1.39	69.88 0.34 -1.06	81.21 0.56 -1.29	70.41 0.28 -0.10	65.57 0.20 -0.17	57.22 0.17 0.00	53.01 0.11 0.00
NEG MILLWOOD___DRP 24198	43.95 2.09 0.00	40.26 1.84 0.00	39.70 1.93 0.00	39.07 1.75 0.00	40.08 1.73 0.00	45.34 2.04 0.00	57.08 3.08 0.00	91.24 3.03 -32.02	61.57 3.26 0.00	48.80 2.66 -1.01	46.11 2.30 -5.49	45.72 2.28 -5.46	42.26 1.99 -4.81	42.91 2.08 -4.95	42.09 2.24 -3.18	47.38 2.55 -2.99	51.57 2.88 -2.91	63.99 4.35 0.00	73.41 4.93 0.00	85.16 5.79 0.00	74.37 4.34 0.00	68.92 3.72 0.00	60.47 3.42 0.00	55.65 2.75 0.00
NEG NORTH_FLCN_SEA 23793	41.65 -0.21 0.00	37.88 -0.54 0.00	37.25 -0.53 0.00	36.83 -0.49 0.00	38.10 -0.19 0.06	43.04 -0.26 0.00	53.46 -0.54 0.00	55.63 -0.56 0.00	57.37 -0.93 0.00	44.54 -0.59 0.00	37.63 -0.69 0.00	37.14 -0.84 0.00	34.65 -0.82 0.00	34.98 -0.90 0.00	35.94 -0.73 0.00	41.16 -0.67 0.00	44.86 -0.92 0.00	57.31 -2.33 0.00	65.46 -3.01 0.00	75.95 -3.41 0.00	68.28 -1.75 0.00	64.23 -0.98 0.00	57.22 0.17 0.00	54.61 1.85 0.15
NEG NORTH_KES_CHATEGAY 23792	40.90 -0.96 0.00	37.27 -1.15 0.00	36.68 -1.10 0.00	36.24 -1.08 0.00	37.64 -0.84 -0.13	42.31 -1.00 -0.01	53.01 -1.57 -0.57	56.49 -1.69 -1.99	56.26 -2.04 0.00	43.64 -1.49 0.00	36.90 -1.42 0.00	36.46 -1.52 0.00	34.01 -1.45 0.00	34.37 -1.51 0.00	35.28 -1.39 0.00	40.37 -1.46 0.00	44.04 -1.74 0.00	57.22 -2.74 -0.33	68.56 -2.88 -2.96	79.34 -3.25 -3.23	72.20 -1.68 -3.86	65.88 -0.98 -1.65	57.50 -0.34 -0.79	53.88 0.58 -0.39
NEG NORTH___ALICE_FALLS 23915	41.82 -0.04 0.00	38.00 -0.42 0.00	37.36 -0.42 0.00	36.91 -0.41 0.00	38.31 -0.04 0.00	43.22 -0.09 0.00	53.68 -0.32 0.00	55.85 -0.34 0.00	57.60 -0.70 0.00	44.67 -0.45 0.00	37.71 -0.61 0.00	37.18 -0.80 0.00	34.72 -0.74 0.00	35.06 -0.83 0.00	36.01 -0.66 0.00	41.25 -0.59 0.00	44.95 -0.82 0.00	57.79 -1.85 0.00	66.22 -2.26 0.00	76.83 -2.54 0.00	69.05 -0.98 0.00	64.88 -0.33 0.00	57.62 0.57 0.00	54.86 1.96 0.00
NEG NORTH___LWR_SARANAC 23913	41.82 -0.04 0.00	38.00 -0.42 0.00	37.36 -0.42 0.00	36.91 -0.41 0.00	38.31 -0.04 0.00	43.22 -0.09 0.00	53.68 -0.32 0.00	55.85 -0.34 0.00	57.60 -0.70 0.00	44.67 -0.45 0.00	37.71 -0.61 0.00	37.18 -0.80 0.00	34.72 -0.74 0.00	35.06 -0.83 0.00	36.01 -0.66 0.00	41.25 -0.59 0.00	44.95 -0.82 0.00	57.79 -1.85 0.00	66.22 -2.26 0.00	76.83 -2.54 0.00	69.05 -0.98 0.00	64.88 -0.33 0.00	57.62 0.57 0.00	54.86 1.96 0.00
NEG NORTH___PLATTSBURG 23628	41.82 -0.04 0.00	38.00 -0.42 0.00	37.36 -0.41 0.00	36.91 -0.41 0.00	38.31 -0.04 0.00	43.22 -0.09 0.00	53.68 -0.32 0.00	55.86 -0.34 0.00	57.60 -0.70 0.00	44.63 -0.50 0.00	37.71 -0.61 0.00	37.18 -0.80 0.00	34.72 -0.75 0.00	35.06 -0.82 0.00	36.01 -0.66 0.00	41.25 -0.59 0.00	44.95 -0.82 0.00	57.79 -1.85 0.00	66.22 -2.26 0.00	76.91 -2.46 0.00	68.98 -1.05 0.00	64.88 -0.32 0.00	57.11 0.06 0.00	53.90 1.00 0.00
NEG WEST_LEA_LOCKPORT 23791	37.21 -4.65 0.00	33.77 -4.65 0.00	33.32 -4.46 0.00	32.73 -4.59 0.00	33.60 -4.76 0.00	37.56 -5.72 0.03	38.92 -6.64 8.44	40.57 -6.80 8.82	45.07 -7.17 6.06	39.66 -5.46 0.01	33.72 -4.60 0.00	32.53 -4.63 0.81	31.29 -4.15 0.03	30.23 -3.88 1.78	30.24 -4.18 2.25	30.38 -5.02 6.44	33.13 -5.58 7.06	43.45 -6.74 9.45	53.53 -7.74 7.21	61.31 -9.29 8.77	60.99 -8.61 0.43	56.27 -8.22 0.72	50.38 -6.67 0.00	47.08 -5.82 0.00
NEG WEST___LANCASTR 23811	38.30 -3.56 0.00	34.81 -3.61 0.00	34.34 -3.44 0.00	33.74 -3.58 0.00	34.63 -3.72 0.00	40.15 -3.12 0.03	40.68 -3.62 9.70	42.50 -3.54 10.15	47.60 -3.73 6.97	41.73 -3.38 0.01	35.37 -2.95 0.00	34.58 -2.47 0.93	32.91 -2.52 0.03	31.94 -1.90 2.04	31.96 -2.13 2.58	31.84 -2.59 7.40	34.73 -2.93 8.12	45.55 -3.22 10.87	56.55 -3.63 8.29	64.83 -4.44 10.09	64.52 -4.97 0.54	59.40 -4.89 0.91	53.11 -3.94 0.00	48.99 -3.91 0.00
NEG_PENN_ALLEGHNY 23528	41.61 -0.25 0.00	38.11 -0.31 0.00	37.47 -0.30 0.00	36.98 -0.34 0.00	37.97 -0.38 0.00	43.00 -0.30 0.00	54.00 0.00 5.68	50.57 0.06 0.00	58.24 -0.06 0.00	44.99 -0.13 0.00	38.13 -0.19 0.00	37.82 -0.15 0.00	35.32 -0.14 0.00	35.88 0.00 0.00	36.60 -0.07 0.00	41.75 -0.08 0.00	45.73 -0.05 0.00	59.88 0.24 0.00	68.75 0.28 0.00	79.68 0.32 0.00	69.91 0.00 0.12	64.94 -0.07 0.20	57.05 0.00 0.00	52.90 0.00 0.00
NEG___GEN_MONROE 24207	40.06 -1.80 0.00	36.42 -2.00 0.00	35.81 -1.96 0.00	35.34 -1.98 0.00	36.32 -2.03 0.00	40.88 -2.43 0.00	51.32 -2.70 -0.01	53.73 -2.47 -0.01	55.22 -3.09 -0.01	42.87 -2.26 0.00	36.37 -1.95 0.00	35.73 -2.24 0.00	33.66 -1.81 0.00	34.13 -1.76 0.00	34.62 -2.05 0.00	39.41 -2.43 -0.01	43.22 -2.56 -0.01	56.67 -2.98 -0.01	65.34 -3.15 -0.01	75.65 -3.73 -0.01	66.90 -3.22 -0.09	62.29 -3.06 -0.15	54.60 -2.45 0.00	50.84 -2.06 0.00

NEPA__ENERGY 23901	37.84 -4.02 0.00	34.38 -4.03 0.00	33.92 -3.85 0.00	33.36 -3.96 0.00	34.21 -4.14 0.00	38.81 -4.46 0.03	38.51 -5.18 10.31	40.19 -5.23 10.78	45.36 -5.54 7.40	40.83 -4.29 0.01	34.61 -3.72 0.00	33.34 -3.65 0.99	32.17 -3.26 0.03	30.74 -2.98 2.16	30.70 -3.23 2.74	30.17 -3.81 7.86	32.94 -4.21 8.62	43.20 -4.89 11.54	54.19 -5.48 8.81	62.14 -6.51 10.72	63.23 -6.23 0.56	58.25 -6.00 0.96	52.20 -4.85 0.00	48.62 -4.28 0.00
NEVERSINK__HYD 23608	43.58 1.72 0.00	39.96 1.54 0.00	39.36 1.59 0.00	38.81 1.49 0.00	39.81 1.46 0.00	45.04 1.73 0.00	56.70 2.70 0.00	65.63 2.70 -6.74	61.10 2.80 0.00	47.16 2.03 0.00	40.01 1.68 0.00	39.64 1.67 0.00	36.95 1.49 0.00	37.50 1.62 0.00	38.32 1.65 0.00	43.84 2.01 0.00	47.14 2.29 0.93	63.03 3.40 0.00	72.65 4.18 0.00	84.21 4.84 0.00	73.81 3.78 0.00	68.46 3.26 0.00	59.90 2.85 0.00	55.33 2.43 0.00
NEWKRMKL_115KV_TB1 55635	43.28 1.42 0.00	39.84 1.42 0.00	39.14 1.36 0.00	38.62 1.31 0.00	39.62 1.27 0.00	44.82 1.52 0.00	55.08 1.08 0.00	68.51 0.56 -11.76	59.23 0.93 0.00	46.25 0.68 -0.45	41.50 0.73 -2.45	41.13 0.72 -2.44	38.21 0.60 -2.14	38.59 0.50 -2.21	38.64 0.55 -1.42	43.83 0.67 -1.33	47.94 0.78 -1.39	60.65 1.01 0.00	69.43 0.96 0.00	80.40 1.03 0.00	70.59 0.56 0.00	65.79 0.59 0.00	57.62 0.57 0.00	53.32 0.42 0.00
NEWTON__FALLS_HYD 23847	40.61 -1.26 0.00	37.07 -1.34 0.00	36.46 -1.32 0.00	36.01 -1.31 0.00	38.70 -1.27 -1.61	41.91 -1.47 -0.08	59.07 -1.67 -6.74	78.09 -1.63 -23.53	55.91 -2.39 0.00	42.78 -2.35 0.00	35.98 -2.34 0.00	35.77 -2.20 0.00	33.34 -2.13 0.00	33.73 -2.15 0.00	34.58 -2.09 0.00	39.78 -2.05 0.00	43.44 -2.33 0.00	60.61 -2.92 -3.89	100.96 -2.53 -35.02	115.20 -2.38 -38.22	114.42 -1.26 -45.65	84.43 -0.33 -19.55	66.14 -0.29 -9.37	57.60 0.05 -4.65
NGRID_A1_DSASP 323792	37.11 -4.73 0.02	33.65 -4.76 0.00	33.21 -4.57 0.00	32.69 -4.63 0.00	33.52 -4.83 0.00	37.37 -5.89 0.05	38.45 -6.91 8.64	40.02 -7.14 9.04	44.63 -7.46 6.20	39.46 -5.64 0.03	33.59 -4.71 0.02	32.24 -4.90 0.83	31.16 -4.26 0.05	29.91 -4.16 1.81	30.05 -4.33 2.29	30.05 -5.19 6.59	32.78 -5.77 7.23	42.92 -7.04 9.68	52.87 -8.22 7.39	60.54 -9.84 8.99	60.31 -9.17 0.54	55.56 -8.74 0.90	49.90 -7.13 0.02	46.69 -6.19 0.02
NGRID_A2_DSASP 323793	37.11 -4.73 0.02	33.65 -4.76 0.00	33.21 -4.57 0.00	32.69 -4.63 0.00	33.52 -4.83 0.00	37.37 -5.89 0.05	38.45 -6.91 8.64	40.02 -7.14 9.04	44.63 -7.46 6.20	39.46 -5.64 0.03	33.59 -4.71 0.02	32.24 -4.90 0.83	31.16 -4.26 0.05	29.91 -4.16 1.81	30.05 -4.33 2.29	30.05 -5.19 6.59	32.78 -5.77 7.23	42.92 -7.04 9.68	52.87 -8.22 7.39	60.54 -9.84 8.99	60.31 -9.17 0.54	55.56 -8.74 0.90	49.90 -7.13 0.02	46.69 -6.19 0.02
NGRID_A4_DSASP 323807	37.11 -4.73 0.02	33.65 -4.76 0.00	33.21 -4.57 0.00	32.69 -4.63 0.00	33.52 -4.83 0.00	37.37 -5.89 0.05	38.45 -6.91 8.64	40.02 -7.14 9.04	44.63 -7.46 6.20	39.46 -5.64 0.03	33.59 -4.71 0.02	32.24 -4.90 0.83	31.16 -4.26 0.05	29.91 -4.16 1.81	30.05 -4.33 2.29	30.05 -5.19 6.59	32.78 -5.77 7.23	42.92 -7.04 9.68	52.87 -8.22 7.39	60.54 -9.84 8.99	60.31 -9.17 0.54	55.56 -8.74 0.90	49.90 -7.13 0.02	46.69 -6.19 0.02
NIAGARA_115E_LBMP 323715	36.59 -5.28 0.00	33.31 -5.11 0.00	32.79 -4.99 0.00	32.24 -5.08 0.00	33.06 -5.29 0.00	36.78 -6.50 0.03	38.04 -7.40 8.57	39.53 -7.70 8.96	44.10 -8.05 6.16	38.89 -6.23 0.01	33.11 -5.21 0.00	32.09 -5.05 0.83	30.72 -4.72 0.03	29.80 -4.27 1.81	29.80 -4.58 2.29	29.77 -5.52 6.54	32.65 -5.95 7.17	42.41 -7.63 9.60	52.25 -8.90 7.33	59.74 -10.72 8.91	59.47 -10.08 0.47	54.88 -9.52 0.80	49.29 -7.76 0.00	46.29 -6.61 0.00
NIAGARA_115W_LBMP 323714	37.07 -4.77 0.02	33.77 -4.65 0.00	33.17 -4.61 0.00	32.61 -4.70 0.00	33.44 -4.91 0.00	37.24 -6.02 0.05	38.46 -6.91 8.63	40.08 -7.08 9.03	44.64 -7.46 6.20	39.36 -5.73 0.03	33.51 -4.79 0.02	32.17 -4.97 0.83	31.09 -4.33 0.05	29.84 -4.23 1.81	30.05 -4.33 2.29	30.06 -5.19 6.58	33.01 -5.54 7.22	42.93 -8.15 9.67	52.95 -9.77 7.38	60.62 -9.25 8.98	60.24 -8.80 0.54	55.50 -7.19 0.90	49.84 -6.08 0.02	46.80 -6.08 0.02
NIAGARA_230_LBMP 323716	37.26 -4.60 0.00	33.89 -4.53 0.00	33.32 -4.46 0.00	32.76 -4.55 0.00	33.59 -4.76 0.00	37.43 -5.85 0.03	38.43 -7.02 8.55	40.00 -7.25 8.94	44.58 -7.58 6.14	39.52 -5.60 0.01	33.68 -4.64 0.00	32.34 -4.82 0.81	31.25 -4.19 0.03	30.00 -4.09 1.79	30.00 -4.40 2.27	30.04 -5.27 6.52	32.99 -5.63 7.15	42.90 -7.16 9.58	52.88 -8.29 7.31	60.55 -9.92 8.89	60.47 -9.03 0.52	55.78 -8.54 0.88	50.03 -7.02 0.00	47.03 -5.87 0.00
NIAGARA__115KV_198_GIBSON 55903	37.07 -4.77 0.02	33.62 -4.80 0.00	33.17 -4.61 0.00	32.65 -4.66 0.00	33.48 -4.87 0.00	37.32 -5.93 0.05	38.40 -6.97 8.63	40.03 -7.14 9.03	44.58 -7.52 6.20	39.36 -5.73 0.03	33.51 -4.79 0.02	32.17 -4.97 0.83	31.12 -4.29 0.05	29.84 -4.23 1.81	30.05 -4.33 2.29	30.06 -5.19 6.58	32.74 -5.81 7.22	42.87 -8.22 9.67	52.88 -9.84 7.38	60.55 -9.31 8.98	60.17 -9.31 0.54	55.50 -8.80 0.90	49.84 -7.19 0.02	46.64 -6.24 0.02
NIAGARA__ 23760	37.25 -4.60 0.01	33.89 -4.53 0.00	33.32 -4.46 0.00	32.76 -4.55 0.00	33.59 -4.76 0.00	37.42 -5.85 0.03	38.43 -7.02 8.56	40.00 -7.25 8.95	44.58 -7.58 6.14	39.52 -5.60 0.01	33.68 -4.64 0.00	32.33 -4.82 0.82	31.25 -4.19 0.03	29.99 -4.09 1.80	30.00 -4.40 2.27	30.04 -5.27 6.52	32.99 -5.63 7.16	42.90 -7.16 9.58	52.88 -8.29 7.31	60.55 -9.92 8.90	60.48 -9.03 0.51	55.80 -8.54 0.86	50.03 -7.02 0.00	47.02 -5.87 0.00
NINE_MILE_1 23575	40.73 -1.13 0.00	37.34 -1.08 0.00	36.72 -1.06 0.00	36.27 -1.04 0.00	37.28 -1.07 0.00	42.05 -1.26 0.00	52.55 -1.46 0.00	54.73 -1.46 0.00	56.73 -1.57 0.00	43.91 -1.22 0.00	37.25 -1.07 0.00	36.91 -1.06 0.00	34.51 -0.96 0.00	34.91 -0.97 0.00	35.64 -1.03 0.00	40.66 -1.17 0.00	44.54 -1.23 0.00	58.09 -1.55 0.00	66.77 -1.71 0.00	77.39 -1.98 0.00	68.21 -1.82 0.00	63.45 -1.76 0.00	55.57 -1.48 0.00	51.52 -1.38 0.00
NINE_MILE_2 23744	40.73 -1.13 0.00	37.38 -1.04 0.00	36.72 -1.06 0.00	36.27 -1.04 0.00	37.28 -1.07 0.00	42.05 -1.26 0.00	52.55 -1.46 0.00	54.73 -1.46 0.00	56.73 -1.57 0.00	43.91 -1.22 0.00	37.29 -1.03 0.00	36.91 -1.06 0.00	34.51 -0.96 0.00	34.95 -0.93 0.00	35.64 -1.03 0.00	40.66 -1.17 0.00	44.54 -1.23 0.00	58.09 -1.55 0.00	66.77 -1.71 0.00	77.39 -1.98 0.00	68.21 -1.82 0.00	63.45 -1.76 0.00	55.57 -1.48 0.00	51.52 -1.38 0.00
NM_CAPITAL__DRP 24208	43.20 1.34 0.00	39.73 1.31 0.00	39.06 1.28 0.00	38.55 1.23 0.00	39.50 1.15 0.00	44.69 1.39 0.00	55.14 1.13 0.00	68.68 0.67 -11.82	59.29 0.99 0.00	46.35 0.77 -0.45	41.55 0.77 -2.46	41.19 0.76 -2.45	38.26 0.64 -2.16	38.64 0.54 -2.22	38.72 0.62 -1.43	43.93 0.75 -1.34	47.99 0.82 -1.39	60.71 1.07 0.00	69.57 1.10 0.00	80.56 1.19 0.00	70.66 0.63 0.00	65.86 0.65 0.00	57.68 0.63 0.00	53.32 0.42 0.00

NM_CENTRAL___DRP 24181	41.44 -0.42 0.00	38.00 -0.42 0.00	37.36 -0.42 0.00	36.91 -0.41 0.00	37.96 -0.46 -0.07	42.79 -0.52 0.00	53.86 -0.38 -0.24	56.74 -0.28 -0.83	57.95 -0.35 0.00	44.81 -0.32 0.00	38.02 -0.31 0.00	37.63 -0.34 0.00	35.22 -0.25 0.00	35.67 -0.22 0.00	36.38 -0.29 0.00	41.50 -0.33 0.00	45.41 -0.37 0.00	59.48 -0.30 -0.14	69.30 -0.41 -1.24	80.32 -0.40 -1.35	71.08 -0.56 -1.61	65.37 -0.52 -0.69	56.92 -0.46 -0.33	52.59 -0.48 -0.16
NM_FRONTIER___DRP 24179	37.07 -4.77 0.02	33.62 -4.80 0.00	33.17 -4.61 0.00	32.65 -4.66 0.00	33.48 -4.87 0.00	37.32 -5.93 0.05	38.40 -6.97 8.63	40.03 -7.14 9.03	44.58 -7.52 6.20	39.36 -5.73 0.03	33.51 -4.79 0.02	32.17 -4.97 0.83	31.12 -4.29 0.05	29.84 -4.23 1.81	30.05 -4.33 2.29	30.06 -5.19 6.58	32.74 -5.81 7.22	42.87 -7.10 9.67	52.88 -8.22 7.38	60.55 -9.84 8.98	60.17 -9.31 0.54	55.50 -8.80 0.90	49.84 -7.19 0.02	46.64 -6.24 0.02
NM_ST_REGIS___HYD 24053	40.90 -0.96 0.00	37.23 -1.19 0.00	36.64 -1.13 0.00	36.20 -1.12 0.00	39.27 -1.11 -2.03	42.11 -1.30 -0.10	60.59 -1.78 -8.36	83.59 -1.80 -29.20	55.85 -2.45 0.00	43.09 -2.03 0.00	36.33 -1.99 0.00	35.92 -2.05 0.00	33.51 -1.95 0.00	33.84 -2.05 0.00	34.76 -1.91 0.00	39.87 -1.97 0.00	43.39 -2.38 0.00	61.19 -3.28 -4.83	108.71 -3.22 -43.46	123.31 -3.49 -47.43	124.79 -1.89 -56.66	88.62 -0.85 -24.26	68.17 -0.51 -11.63	58.88 0.21 -5.77
NORTHPORT___1 23551	44.42 2.55 0.00	40.65 2.23 0.00	39.89 2.11 0.00	39.18 1.87 0.00	40.23 1.88 0.00	45.73 2.42 0.00	57.24 3.24 0.00	95.52 1.80 -37.53	60.93 2.63 0.00	49.38 2.62 -1.64	49.75 2.53 -8.90	49.42 2.58 -8.86	45.67 2.41 -7.80	46.31 2.40 -8.03	44.47 2.64 -5.16	49.66 2.97 -4.85	54.15 3.52 -4.85	63.75 4.11 0.00	73.06 4.59 0.00	85.00 5.64 0.00	74.58 4.55 0.00	69.12 3.91 0.00	60.59 3.54 0.00	55.97 3.07 0.00
NORTHPORT___2 23552	44.33 2.47 0.00	40.57 2.15 0.00	39.82 2.04 0.00	39.11 1.79 0.00	40.19 1.84 0.00	45.64 2.34 0.00	57.08 3.08 0.00	95.24 1.52 -37.53	60.64 2.33 0.00	49.34 2.57 -1.64	49.68 2.45 -8.90	49.34 2.51 -8.86	45.60 2.34 -7.80	46.24 2.33 -8.03	44.44 2.60 -5.16	49.61 2.93 -4.85	54.06 3.43 -4.85	63.46 3.82 0.00	72.72 4.25 0.00	84.68 5.32 0.00	74.23 4.20 0.00	68.79 3.58 0.00	60.30 3.25 0.00	55.86 2.96 0.00
NORTHPORT___3 23553	44.33 2.47 0.00	40.57 2.15 0.00	39.82 2.04 0.00	39.15 1.83 0.00	40.19 1.84 0.00	45.64 2.34 0.00	57.13 3.13 0.00	95.35 1.63 -37.53	60.75 2.45 0.00	49.34 2.57 -1.64	49.68 2.45 -8.90	49.38 2.54 -8.86	45.64 2.38 -7.80	46.28 2.37 -8.03	44.44 2.60 -5.16	49.61 2.93 -4.85	54.10 3.48 -4.85	63.57 3.94 0.00	72.86 4.39 0.00	84.77 5.40 0.00	74.37 4.34 0.00	68.85 3.65 0.00	60.36 3.31 0.00	55.86 2.96 0.00
NORTHPORT___4 23650	44.33 2.47 0.00	40.57 2.15 0.00	39.82 2.04 0.00	39.15 1.83 0.00	40.19 1.84 0.00	45.64 2.34 0.00	57.13 3.13 0.00	95.35 1.63 -37.53	60.75 2.45 0.00	49.34 2.57 -1.64	49.68 2.45 -8.90	49.38 2.54 -8.86	45.64 2.38 -7.80	46.28 2.37 -8.03	44.44 2.60 -5.16	49.61 2.93 -4.85	54.10 3.48 -4.85	63.57 3.94 0.00	72.86 4.39 0.00	84.77 5.40 0.00	74.37 4.34 0.00	68.85 3.65 0.00	60.36 3.31 0.00	55.86 2.96 0.00
NORTHPORT___IC 23718	44.37 2.51 0.00	40.65 2.23 0.00	39.89 2.12 0.00	39.18 1.87 0.00	40.23 1.88 0.00	45.43 2.12 0.00	57.24 3.24 0.00	95.52 1.80 -37.53	60.92 2.62 0.00	49.38 2.62 -1.64	49.75 2.53 -8.90	49.42 2.58 -8.86	45.67 2.41 -7.80	46.31 2.40 -8.03	44.47 2.64 -5.16	49.65 2.97 -4.85	54.15 3.52 -4.85	63.75 4.11 0.00	73.06 4.59 0.00	85.08 5.71 0.00	74.51 4.48 0.00	68.86 3.65 0.00	60.36 3.31 0.00	55.60 2.70 0.00
NORTH___COUNTRY_ESR 323785	40.73 -1.13 0.00	37.15 -1.27 0.00	36.57 -1.21 0.00	36.12 -1.20 0.00	37.49 -1.00 -0.14	42.14 -1.17 -0.01	52.86 -1.73 -0.59	56.44 -1.80 -2.05	56.15 -2.16 0.00	43.59 -1.53 0.00	36.91 -1.42 0.00	36.45 -1.52 0.00	34.01 -1.46 0.00	34.34 -1.54 0.00	35.24 -1.43 0.00	40.28 -1.55 0.00	43.94 -1.83 0.00	57.11 -2.86 -0.34	68.38 -3.15 -3.05	79.20 -3.49 -3.33	72.04 -1.96 -3.98	65.90 -1.24 -1.93	57.23 -0.74 -0.93	53.15 -0.16 -0.41
NPX_GEN_1385_PROXY 323591	44.42 2.55 0.00	40.65 2.23 0.00	39.89 2.11 0.00	39.18 1.87 0.00	40.23 1.88 0.00	45.73 2.42 0.00	57.24 3.24 0.00	95.52 1.80 -37.53	60.93 2.63 0.00	49.38 2.62 -1.64	49.75 2.53 -8.90	49.42 2.58 -8.86	45.67 2.41 -7.80	46.31 2.40 -8.03	44.47 2.64 -5.16	49.66 2.97 -4.85	54.75 3.52 -5.45	63.15 4.11 0.60	73.06 4.59 0.00	85.00 5.64 0.00	74.58 4.55 0.00	69.12 3.91 0.00	60.59 3.54 0.00	55.97 3.07 0.00
NPX_GEN_CSC 323557	44.75 2.89 0.00	40.91 2.50 0.00	40.12 2.34 0.00	39.37 2.05 0.00	40.42 2.07 0.00	46.03 2.73 0.00	57.13 3.13 0.00	94.73 1.01 -37.53	60.40 2.10 0.00	48.80 2.03 -1.64	49.68 2.45 -8.90	49.27 2.43 -8.86	45.67 2.41 -7.80	46.21 2.30 -8.03	44.55 2.71 -5.16	49.40 2.72 -4.85	54.61 3.39 -5.45	63.15 4.11 0.60	72.79 4.32 0.00	85.08 5.72 0.00	74.93 4.90 0.00	69.70 4.50 0.00	61.16 4.11 0.00	56.02 3.12 0.00
NSINS_S___GLNS_FALLS 23858	42.70 0.84 0.00	39.30 0.88 0.00	38.61 0.83 0.00	38.14 0.82 0.00	39.16 0.81 0.00	44.34 1.04 0.00	55.68 1.67 0.00	67.96 1.52 -10.25	59.70 1.40 0.00	46.29 0.77 -0.40	40.97 0.50 -2.15	40.61 0.49 -2.14	37.70 0.35 -1.88	37.96 0.14 -1.94	38.14 0.22 -1.25	43.46 0.46 -1.17	47.82 0.82 -1.22	61.37 1.73 0.00	70.80 2.33 0.00	82.54 3.17 0.00	72.55 2.52 0.00	67.23 2.02 0.00	58.70 1.65 0.00	54.17 1.27 0.00
NUCOR_STEEL___DRP 24197	41.90 0.04 0.00	38.38 -0.04 0.00	37.74 -0.04 0.00	37.24 -0.07 0.00	38.27 -0.08 0.00	43.26 -0.04 0.00	54.27 0.27 0.00	56.58 0.39 0.00	58.48 0.17 0.00	45.17 0.05 0.00	38.25 -0.08 0.00	37.82 -0.15 0.00	35.39 -0.07 0.00	35.88 0.00 0.00	36.56 -0.11 0.00	41.75 -0.08 0.00	45.77 0.00 0.00	59.93 0.30 0.00	68.95 0.48 0.00	80.00 0.63 0.00	70.52 0.42 -0.07	65.72 0.39 -0.12	57.39 0.34 0.00	53.16 0.26 0.00
NUMBER_THREE_WT_PWR 323818	40.52 -1.34 0.00	37.11 -1.31 0.00	36.49 -1.28 0.00	36.01 -1.31 0.00	37.82 -1.23 -0.70	42.00 -1.34 -0.03	55.70 -1.35 -3.05	65.76 -1.07 -10.64	56.55 -1.75 0.00	43.05 -2.07 0.00	36.21 -2.11 0.00	35.96 -2.01 0.00	33.51 -1.95 0.00	33.94 -1.94 0.00	34.80 -1.87 0.00	40.08 -1.76 0.00	44.08 -1.69 0.00	59.49 -1.91 -1.76	83.14 -1.16 -15.83	96.09 -0.55 -17.28	90.60 -0.07 -20.64	75.76 0.52 -10.04	62.15 0.29 -4.81	55.27 0.27 -2.10
NYISO_LBMP_REFERENCE 24008	41.86 0.00 0.00	38.42 0.00 0.00	37.78 0.00 0.00	37.32 0.00 0.00	38.35 0.00 0.00	43.30 0.00 0.00	54.00 0.00 0.00	56.19 0.00 0.00	58.30 0.00 0.00	45.12 0.00 0.00	38.32 0.00 0.00	37.97 0.00 0.00	35.46 0.00 0.00	35.88 0.00 0.00	36.67 0.00 0.00	41.83 0.00 0.00	45.77 0.00 0.00	59.64 0.00 0.00	68.48 0.00 0.00	79.37 0.00 0.00	70.03 0.00 0.00	65.20 0.00 0.00	57.05 0.00 0.00	52.90 0.00 0.00

NYPA_BRENTWD____GT 24164	44.83 2.97 0.00	40.99 2.57 0.00	40.23 2.45 0.00	39.52 2.20 0.00	40.57 2.22 0.00	46.16 2.86 0.00	57.84 3.83 0.00	96.08 2.36 -37.53	61.51 3.20 0.00	49.74 2.98 -1.64	50.06 2.84 -8.90	49.68 2.85 -8.86	45.95 2.69 -7.80	46.60 2.69 -8.03	44.77 2.93 -5.16	50.03 3.35 -4.85	54.60 3.98 -4.85	64.41 4.77 0.00	73.68 5.20 0.00	85.88 6.51 0.00	75.28 5.25 0.00	69.70 4.50 0.00	61.27 4.22 0.00	56.55 3.65 0.00
NYPA_GOWANUS____GT5 24156	44.42 2.55 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.29 1.98 0.00	40.27 1.92 0.00	45.55 2.25 0.00	57.30 3.29 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.62 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.60 2.97 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.92 3.71 0.00	60.53 3.48 0.00	55.97 3.07 0.00
NYPA_GOWANUS____GT6 24157	44.42 2.55 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.29 1.98 0.00	40.27 1.92 0.00	45.55 2.25 0.00	57.30 3.29 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.62 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.60 2.97 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.92 3.71 0.00	60.53 3.48 0.00	55.97 3.07 0.00
NYPA_HARLEM__RVR__GT1 24160	44.20 2.34 0.00	40.45 2.03 0.00	39.82 2.04 0.00	39.11 1.79 0.00	40.08 1.73 0.00	45.34 2.04 0.00	56.81 2.81 0.00	96.35 2.59 -37.57	61.44 3.15 0.01	49.56 2.80 -1.64	49.68 2.45 -8.91	49.39 2.54 -8.87	45.64 2.38 -7.80	46.39 2.47 -8.03	44.29 2.46 -5.16	49.40 2.72 -4.85	53.46 2.84 -4.85	63.45 3.82 0.01	72.64 4.18 0.01	84.20 4.84 0.01	73.52 3.50 0.01	68.33 3.13 0.01	59.96 2.91 0.00	55.70 2.80 0.00
NYPA_HARLEM__RVR__GT2 24161	44.20 2.34 0.00	40.45 2.03 0.00	39.82 2.04 0.00	39.11 1.79 0.00	40.08 1.73 0.00	45.34 2.04 0.00	56.81 2.81 0.00	96.35 2.59 -37.57	61.44 3.15 0.01	49.56 2.80 -1.64	49.68 2.45 -8.91	49.39 2.54 -8.87	45.64 2.38 -7.80	46.39 2.47 -8.03	44.29 2.46 -5.16	49.40 2.72 -4.85	53.46 2.84 -4.85	63.45 3.82 0.01	72.64 4.18 0.01	84.20 4.84 0.01	73.52 3.50 0.01	68.33 3.13 0.01	59.96 2.91 0.00	55.70 2.80 0.00
NYPA_KENT____GT 24152	44.33 2.47 0.00	40.57 2.15 0.00	39.89 2.11 0.00	39.22 1.90 0.00	40.23 1.88 0.00	45.55 2.25 0.00	57.24 3.24 0.00	96.80 3.03 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.86 2.59 -7.81	46.62 2.69 -8.04	44.48 2.64 -5.17	49.58 2.88 -4.86	53.70 3.07 -4.86	63.81 4.17 0.00	73.06 4.59 0.00	84.68 5.32 0.00	74.02 3.99 0.00	68.85 3.65 0.00	60.42 3.37 0.00	55.86 2.96 0.00
NYPA_POUCH1____GT 24155	44.50 2.64 0.00	40.72 2.30 0.00	40.04 2.27 0.00	39.37 2.05 0.00	40.34 1.99 0.00	45.60 2.29 0.00	57.35 3.35 0.00	96.80 3.03 -37.58	61.74 3.44 0.00	49.79 3.02 -1.65	49.77 2.53 -8.92	49.51 2.66 -8.88	45.72 2.45 -7.81	46.51 2.58 -8.04	44.30 2.46 -5.17	49.29 2.59 -4.86	53.37 2.75 -4.85	63.39 3.76 0.01	72.64 4.18 0.01	84.20 4.84 0.01	73.52 3.50 0.01	68.72 3.52 0.01	60.47 3.42 0.00	55.97 3.07 0.00
NYPA_VERNON____GT2 24162	44.25 2.38 0.00	40.49 2.07 0.00	39.85 2.08 0.00	39.18 1.87 0.00	40.15 1.80 0.00	45.51 2.21 0.00	57.19 3.19 0.00	96.80 3.03 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.86 2.59 -7.81	46.62 2.69 -8.04	44.52 2.68 -5.17	49.66 2.97 -4.86	53.79 3.16 -4.86	63.87 4.23 0.00	73.13 4.66 0.00	84.77 5.40 0.00	74.02 3.99 0.00	68.79 3.58 0.00	60.30 3.25 0.00	55.81 2.91 0.00
NYPA_VERNON____GT3 24163	44.25 2.38 0.00	40.49 2.07 0.00	39.85 2.08 0.00	39.18 1.87 0.00	40.15 1.80 0.00	45.51 2.21 0.00	57.19 3.19 0.00	96.80 3.03 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.86 2.59 -7.81	46.62 2.69 -8.04	44.52 2.68 -5.17	49.66 2.97 -4.86	53.79 3.16 -4.86	63.87 4.23 0.00	73.13 4.66 0.00	84.77 5.40 0.00	74.02 3.99 0.00	68.79 3.58 0.00	60.30 3.25 0.00	55.81 2.91 0.00
NYPA__ASTORIA_CC1 323568	44.20 2.34 0.00	40.49 2.07 0.00	39.82 2.04 0.00	39.18 1.87 0.00	40.15 1.80 0.00	45.51 2.21 0.00	57.13 3.13 0.00	96.69 2.92 -37.58	61.80 3.50 0.00	49.84 3.07 -1.65	49.88 2.64 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.58 2.66 -8.04	44.48 2.64 -5.17	49.62 2.93 -4.86	53.75 3.11 -4.86	63.81 4.17 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.72 3.52 0.00	60.24 3.19 0.00	55.81 2.91 0.00
NYPA__ASTORIA_CC2 323569	44.20 2.34 0.00	40.49 2.07 0.00	39.82 2.04 0.00	39.18 1.87 0.00	40.15 1.80 0.00	45.51 2.21 0.00	57.13 3.13 0.00	96.69 2.92 -37.58	61.80 3.50 0.00	49.84 3.07 -1.65	49.88 2.64 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.58 2.66 -8.04	44.48 2.64 -5.17	49.62 2.93 -4.86	53.75 3.11 -4.86	63.81 4.17 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.72 3.52 0.00	60.24 3.19 0.00	55.81 2.91 0.00
NYPA__HOLTSVILL 23794	44.67 2.81 0.00	40.88 2.46 0.00	40.08 2.30 0.00	39.37 2.05 0.00	40.42 2.07 0.00	45.99 2.69 0.00	57.51 3.51 0.00	95.57 1.85 -37.53	61.10 2.80 0.00	49.38 2.62 -1.64	49.83 2.61 -8.90	49.49 2.66 -8.86	45.74 2.48 -7.80	46.38 2.47 -8.03	44.58 2.75 -5.16	49.74 3.05 -4.85	54.29 3.66 -4.85	63.99 4.35 0.00	73.27 4.79 0.00	85.39 6.03 0.00	74.93 4.90 0.00	69.51 4.30 0.00	60.98 3.93 0.00	56.23 3.33 0.00
NYPA__HELLGATE_GT1 24158	44.20 2.34 0.00	40.45 2.03 0.00	39.82 2.04 0.00	39.11 1.79 0.00	40.08 1.73 0.00	45.34 2.04 0.00	56.81 2.81 0.00	96.35 2.59 -37.57	61.44 3.15 0.01	49.56 2.80 -1.64	49.68 2.45 -8.91	49.39 2.54 -8.87	45.64 2.38 -7.80	46.39 2.47 -8.03	44.29 2.46 -5.16	49.40 2.72 -4.85	53.46 2.84 -4.85	63.39 3.76 0.01	72.64 4.18 0.01	84.20 4.84 0.01	73.52 3.50 0.01	68.33 3.13 0.01	59.96 2.91 0.00	55.70 2.80 0.00
NYPA__HELLGATE_GT2 24159	44.20 2.34 0.00	40.45 2.03 0.00	39.82 2.04 0.00	39.11 1.79 0.00	40.08 1.73 0.00	45.34 2.04 0.00	56.81 2.81 0.00	96.35 2.59 -37.57	61.44 3.15 0.01	49.56 2.80 -1.64	49.68 2.45 -8.91	49.39 2.54 -8.87	45.64 2.38 -7.80	46.39 2.47 -8.03	44.29 2.46 -5.16	49.40 2.72 -4.85	53.46 2.84 -4.85	63.39 3.76 0.01	72.64 4.18 0.01	84.20 4.84 0.01	73.52 3.50 0.01	68.33 3.13 0.01	59.96 2.91 0.00	55.70 2.80 0.00
NYS_BARGE__HYD 23848	37.21 -4.65 0.00	33.89 -4.53 0.00	33.36 -4.42 0.00	32.80 -4.52 0.00	33.63 -4.72 0.00	37.52 -5.76 0.03	39.57 -6.54 7.89	41.31 -6.63 8.25	45.63 -7.00 5.67	39.70 -5.42 0.01	33.76 -4.56 0.00	32.65 -4.11 0.76	31.32 -3.80 0.03	30.41 -4.11 1.66	30.46 -4.11 2.10	30.87 -4.94 6.02	33.95 -5.22 6.60	44.18 -6.62 8.84	54.19 -7.53 6.75	62.03 -9.12 8.21	61.16 -8.48 0.40	56.38 -8.15 0.67	50.43 -6.62 0.00	47.29 -5.61 0.00

OAK ORCHARD__HYD 24046	40.23 -1.63 0.00	36.69 -1.73 0.00	36.04 -1.74 0.00	35.56 -1.75 0.00	36.55 -1.80 0.00	41.05 -2.25 0.00	51.53 -2.48 -0.01	54.01 -2.19 -0.01	55.68 -2.62 -0.01	43.32 -1.81 0.00	36.75 -1.57 0.00	36.15 -1.82 0.00	34.08 -1.38 0.00	34.45 -1.44 0.00	34.99 -1.69 0.00	39.87 -1.97 -0.01	43.82 -1.97 -0.01	57.32 -2.33 -0.01	65.88 -2.60 -0.01	76.12 -3.26 -0.01	67.34 -2.80 -0.11	62.66 -2.74 -0.19	54.82 -2.23 0.00	51.10 -1.80 0.00
OAKDALE__35_KV_LOAD 356122	41.44 -0.42 0.00	37.96 -0.46 0.00	37.32 -0.45 0.00	36.83 -0.49 0.00	37.81 -0.54 0.00	42.83 -0.48 0.00	53.73 -0.27 0.00	50.17 -0.28 5.74	57.95 -0.35 0.00	44.76 -0.36 0.00	37.94 -0.38 0.00	37.67 -0.30 0.00	35.18 -0.28 0.00	35.70 -0.18 0.00	36.41 -0.26 0.00	41.54 -0.29 0.00	45.50 -0.27 0.00	59.58 -0.06 0.00	68.34 -0.14 0.00	79.29 -0.08 0.00	69.48 -0.42 0.12	64.54 -0.46 0.21	56.71 -0.34 0.00	52.58 -0.32 0.00
OCC_CHEM__DRP 24175	37.11 -4.73 0.02	33.65 -4.76 0.00	33.21 -4.57 0.00	32.69 -4.63 0.00	33.52 -4.83 0.00	37.37 -5.89 0.05	38.45 -6.91 8.64	40.02 -7.14 9.04	44.63 -7.46 6.20	39.46 -5.64 0.03	33.59 -4.71 0.02	32.24 -4.90 0.83	31.16 -4.26 0.05	29.91 -4.16 1.81	30.05 -4.33 2.29	30.05 -5.19 6.59	32.78 -5.77 7.23	42.92 -7.04 9.68	52.87 -8.22 7.39	60.54 -9.84 8.99	60.31 -9.17 0.54	55.56 -8.74 0.90	49.90 -7.13 0.02	46.69 -6.19 0.02
OH_GEN_PROXY 24063	37.30 -4.56 0.00	27.73 -4.49 6.19	26.02 -4.42 7.34	25.39 -4.48 7.45	28.20 -4.68 5.47	33.72 -5.72 3.87	39.10 -6.86 8.04	40.75 -7.03 8.41	45.18 -7.35 5.77	39.70 -5.42 0.01	33.80 -4.52 0.00	32.50 -4.71 0.77	31.36 -4.08 0.03	30.21 -3.98 1.68	30.28 -4.25 2.13	30.59 -5.10 6.13	34.20 -5.45 6.13	43.05 -6.98 9.61	53.59 -8.01 6.87	61.40 -9.61 8.36	60.69 -8.83 0.51	55.99 -8.35 0.87	50.20 -6.85 0.00	47.14 -5.76 0.00
OLIN_CORP_DRP 24177	36.71 -5.15 0.00	33.31 -5.11 0.00	32.87 -4.91 0.00	32.28 -5.04 0.00	33.10 -5.25 0.00	36.91 -6.37 0.03	37.88 -7.34 8.78	39.32 -7.70 9.18	43.95 -8.05 6.30	38.98 -6.14 0.01	33.19 -5.14 0.00	32.11 -5.01 0.85	30.82 -4.61 0.03	29.80 -4.23 1.85	29.78 -4.55 2.34	29.61 -5.52 6.70	32.30 -6.13 7.34	42.24 -7.57 9.83	52.14 -8.83 7.50	59.61 -10.64 9.12	59.60 -9.94 0.48	54.99 -9.39 0.82	49.41 -7.64 0.00	46.23 -6.67 0.00
OLIN_CORP_DSASP 323712	37.11 -4.73 0.02	33.65 -4.76 0.00	33.21 -4.57 0.00	32.69 -4.63 0.00	33.52 -4.83 0.00	37.37 -5.89 0.05	38.45 -6.91 8.64	40.02 -7.14 9.04	44.63 -7.46 6.20	39.46 -5.64 0.03	33.59 -4.71 0.02	32.24 -4.90 0.83	31.16 -4.26 0.05	29.91 -4.16 1.81	30.05 -4.33 2.29	30.05 -5.19 6.59	32.78 -5.77 7.23	42.92 -7.04 9.68	52.87 -8.22 7.39	60.54 -9.84 8.99	60.31 -9.17 0.54	55.56 -8.74 0.90	49.90 -7.13 0.02	46.69 -6.19 0.02
ONEIDA_HERK_LFGE 323681	41.65 -0.21 0.00	38.19 -0.23 0.00	37.55 -0.23 0.00	37.06 -0.26 0.00	38.53 -0.15 -0.33	43.15 -0.17 -0.02	55.47 0.05 -1.41	61.41 0.28 -4.94	58.30 0.00 0.00	44.63 -0.50 0.00	37.67 -0.65 0.00	37.41 -0.57 0.00	34.86 -0.60 0.00	35.34 -0.54 0.00	36.16 -0.51 0.00	41.45 -0.38 0.00	45.59 -0.18 0.00	60.39 -0.06 -0.82	76.30 0.48 -7.34	88.34 0.96 -8.02	80.58 0.98 -9.58	70.90 1.04 -4.66	60.14 0.86 -2.23	54.62 0.74 -0.98
ONEIDA__115KV_TB4 55905	42.28 0.42 0.00	38.80 0.38 0.00	38.16 0.38 0.00	37.69 0.37 0.00	38.91 0.42 -0.14	43.83 0.52 -0.01	55.56 0.97 -0.58	59.47 1.24 -2.04	59.29 0.99 0.00	45.53 0.41 0.00	38.44 0.11 0.00	38.16 0.19 0.00	35.61 0.14 0.00	36.06 0.18 0.00	36.85 0.18 0.00	42.25 0.42 0.00	46.37 0.60 0.00	61.05 1.07 -0.34	73.09 1.57 -3.04	84.74 2.06 -3.31	75.67 1.68 -3.96	68.46 1.56 -1.69	59.17 1.31 -0.81	54.41 1.11 -0.40
ONONDAGA_REF_OCCRA 23987	41.61 -0.25 0.00	38.15 -0.27 0.00	37.48 -0.30 0.00	37.02 -0.30 0.00	38.10 -0.31 -0.06	42.96 -0.35 0.00	53.84 -0.16 0.00	56.19 0.00 0.00	58.18 -0.12 0.00	44.94 -0.18 0.00	38.13 -0.19 0.00	37.75 -0.23 0.00	35.29 -0.18 0.00	35.74 -0.14 0.00	36.49 -0.18 0.00	41.62 -0.21 0.00	45.59 -0.18 0.00	59.64 0.00 0.00	68.48 0.00 0.00	79.45 0.08 0.00	69.89 -0.14 0.00	65.01 -0.20 0.00	56.88 -0.17 0.00	52.84 -0.21 -0.15
ONONDAGA__COGEN 23986	41.65 -0.21 0.00	38.19 -0.23 0.00	37.55 -0.23 0.00	37.09 -0.22 0.00	38.18 -0.23 -0.06	43.05 -0.26 0.00	53.90 -0.11 0.00	56.25 0.06 0.00	58.24 -0.06 0.00	44.99 -0.14 0.00	38.17 -0.15 0.00	37.78 -0.19 0.00	35.36 -0.11 0.00	35.77 -0.11 0.00	36.52 -0.15 0.00	41.66 -0.17 0.00	45.64 -0.14 0.00	59.70 0.06 0.00	68.48 0.00 0.00	79.45 0.08 0.00	69.96 -0.07 0.00	65.14 -0.07 0.00	56.99 -0.06 0.00	52.94 -0.11 -0.15
ONTARIO__LFGE 23819	41.02 -0.84 0.00	37.50 -0.92 0.00	36.84 -0.94 0.00	36.39 -0.93 0.00	37.39 -0.96 0.00	42.33 -0.99 -0.02	57.84 -1.08 -4.91	60.43 -0.90 -5.14	60.49 -1.34 -3.53	44.23 -0.90 -0.01	37.40 -0.92 0.00	37.46 -0.99 -0.47	34.63 -0.85 -0.02	36.20 -0.72 -1.03	37.09 -0.88 -1.31	44.57 -1.00 -3.75	48.65 -1.23 -4.11	64.12 -1.01 -5.50	71.72 -0.96 -4.20	83.44 -1.03 -5.11	69.27 -1.12 -0.37	64.72 -1.11 -0.63	56.42 -0.63 0.00	52.48 -0.43 0.00
ORANGEVILLE_WT_PWR 323706	37.38 -4.48 0.00	34.12 -4.30 0.00	33.55 -4.23 0.00	32.95 -4.37 0.00	33.83 -4.53 0.00	38.05 -5.15 0.10	18.82 -6.00 29.18	19.66 -6.01 30.52	30.82 -6.53 20.95	39.91 -5.19 0.03	33.88 -4.44 0.00	30.70 -4.48 2.79	31.25 -4.11 0.10	25.88 -3.88 6.12	24.81 -4.11 7.75	14.89 -4.68 22.26	16.33 -5.04 24.41	21.05 -5.91 32.68	37.09 -6.44 24.94	41.72 -7.30 30.34	62.17 -6.72 1.13	57.02 -6.26 1.92	51.97 -5.08 0.00	48.56 -4.34 0.00
ORANGEVILLE__ESR 323794	37.38 -4.48 0.00	34.12 -4.30 0.00	33.55 -4.23 0.00	32.95 -4.37 0.00	33.83 -4.53 0.00	38.05 -5.15 0.10	18.82 -6.00 29.18	19.66 -6.01 30.52	30.82 -6.53 20.95	39.91 -5.19 0.03	33.88 -4.44 0.00	30.70 -4.48 2.79	31.25 -4.11 0.10	25.88 -3.88 6.12	24.81 -4.11 7.75	14.89 -4.68 22.26	16.33 -5.04 24.41	21.05 -5.91 32.68	37.09 -6.44 24.94	41.72 -7.30 30.34	62.17 -6.72 1.13	57.02 -6.26 1.92	51.97 -5.08 0.00	48.56 -4.34 0.00
OSWEGATCHIE__HYD 24044	40.61 -1.25 0.00	37.07 -1.35 0.00	36.45 -1.32 0.00	36.01 -1.31 0.00	38.70 -1.26 -1.61	41.91 -1.47 -0.08	59.07 -1.67 -6.74	78.03 -1.68 -23.53	55.91 -2.39 0.00	42.73 -2.39 0.00	35.98 -2.34 0.00	35.77 -2.20 0.00	33.34 -2.13 0.00	33.73 -2.15 0.00	34.58 -2.09 0.00	39.78 -2.05 0.00	43.44 -2.33 0.00	60.61 -2.92 -3.89	100.96 -2.53 -35.02	115.28 -2.30 -38.22	114.35 -1.33 -45.65	87.08 -0.32 -22.20	67.36 -0.34 -10.65	57.34 -0.21 -4.65
OSWEGO__5 23606	40.94 -0.92 0.00	37.57 -0.85 0.00	36.91 -0.87 0.00	36.46 -0.86 0.00	37.47 -0.88 0.00	42.26 -1.04 0.00	52.87 -1.14 0.00	55.07 -1.12 0.00	57.07 -1.23 0.00	44.13 -0.99 0.00	37.48 -0.84 0.00	37.10 -0.87 0.00	34.68 -0.78 0.00	35.13 -0.76 0.00	35.83 -0.84 0.00	40.87 -0.96 0.00	44.77 -1.01 0.00	58.44 -1.19 0.00	67.17 -1.30 0.00	77.86 -1.51 0.00	68.63 -1.40 0.00	63.83 -1.37 0.00	55.91 -1.14 0.00	51.84 -1.06 0.00

OSWEGO___6 23613	40.94 -0.92 0.00	37.57 -0.85 0.00	36.91 -0.87 0.00	36.46 -0.86 0.00	37.47 -0.88 0.00	42.26 -1.04 0.00	52.87 -1.14 0.00	55.07 -1.12 0.00	57.07 -1.23 0.00	44.13 -0.99 0.00	37.48 -0.84 0.00	37.10 -0.87 0.00	34.68 -0.78 0.00	35.13 -0.76 0.00	35.83 -0.84 0.00	40.87 -0.96 0.00	44.77 -1.01 0.00	58.44 -1.19 0.00	67.17 -1.30 0.00	77.86 -1.51 0.00	68.63 -1.40 0.00	63.83 -1.37 0.00	55.91 -1.14 0.00	51.84 -1.06 0.00
OUTOKUMPU-AB___DRP 24206	37.68 -4.19 0.00	34.23 -4.19 0.00	33.77 -4.00 0.00	33.14 -4.18 0.00	34.06 -4.30 0.00	38.25 -5.02 0.03	38.80 -5.72 9.48	40.77 -5.51 9.91	45.67 -5.83 6.81	40.56 -4.56 0.01	34.41 -3.91 0.00	33.15 -3.91 0.91	31.96 -3.48 0.03	30.66 -3.23 1.99	30.66 -3.48 2.52	30.42 -4.18 7.23	33.18 -4.67 7.93	43.66 -5.37 10.61	54.21 -6.16 8.10	62.21 -7.30 9.85	62.68 -6.86 0.48	57.73 -6.65 0.82	51.69 -5.36 0.00	48.03 -4.87 0.00
OXBOW___BTM 323836	37.72 -4.15 0.00	34.39 -4.03 0.00	33.81 -3.97 0.00	33.21 -4.11 0.00	34.09 -4.26 0.00	38.25 -5.02 0.03	38.91 -5.62 9.48	40.94 -5.34 9.91	45.84 -5.65 6.81	40.60 -4.51 0.01	34.45 -3.87 0.00	33.19 -3.87 0.91	31.99 -3.44 0.03	30.73 -3.16 1.99	30.70 -3.45 2.52	30.50 -4.10 7.23	33.50 -4.35 7.93	43.78 -5.25 10.61	54.49 -5.89 8.10	62.53 -6.98 9.85	62.89 -6.65 0.48	57.86 -6.52 0.82	51.80 -5.25 0.00	48.35 -4.55 0.00
OXBOW___ 24026	37.72 -4.14 0.00	34.27 -4.15 0.00	33.81 -3.97 0.00	33.18 -4.14 0.00	34.09 -4.26 0.00	38.34 -4.94 0.03	38.91 -5.62 9.48	40.89 -5.39 9.91	45.78 -5.71 6.81	40.65 -4.47 0.01	34.45 -3.87 0.00	33.19 -3.87 0.91	31.99 -3.44 0.03	30.73 -3.16 1.99	30.70 -3.45 2.52	30.50 -4.10 7.23	33.27 -4.58 7.93	43.78 -5.25 10.61	54.42 -5.96 8.10	62.45 -7.06 9.85	62.89 -6.65 0.48	57.86 -6.52 0.82	51.80 -5.25 0.00	48.14 -4.76 0.00
OXY_CHEM_DSASP 323612	37.11 -4.73 0.02	33.65 -4.76 0.00	33.21 -4.57 0.00	32.69 -4.63 0.00	33.52 -4.83 0.00	37.37 -5.89 0.05	38.45 -6.91 8.64	40.02 -7.14 9.04	44.63 -7.46 6.20	39.46 -5.64 0.03	33.59 -4.71 0.02	32.24 -4.90 0.83	31.16 -4.26 0.05	29.91 -4.16 1.81	30.05 -4.33 2.29	30.05 -5.19 6.59	32.78 -5.77 7.23	42.92 -7.04 9.68	52.87 -8.22 7.39	60.54 -9.84 8.99	60.31 -9.17 0.54	55.56 -8.74 0.90	49.90 -7.13 0.02	46.69 -6.19 0.02
OZONE_PARK_ESR 323760	44.21 2.34 0.00	40.53 2.11 0.00	39.86 2.08 0.00	39.22 1.90 0.00	40.23 1.88 0.00	45.56 2.25 0.00	57.46 3.46 0.00	97.16 3.37 -37.60	62.21 3.91 0.00	50.06 3.29 -1.65	50.12 2.87 -8.92	49.82 2.96 -8.88	45.97 2.70 -7.81	46.73 2.80 -8.04	44.67 2.82 -5.17	49.92 3.22 -4.86	54.11 3.48 -4.86	64.29 4.65 0.00	73.75 6.11 0.00	85.48 6.11 0.00	74.65 4.62 0.00	69.25 4.04 0.00	60.53 3.48 0.00	55.81 2.91 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	37.11 -4.73 0.02	33.65 -4.76 0.00	33.21 -4.57 0.00	32.69 -4.63 0.00	33.52 -4.83 0.00	37.37 -5.89 0.05	38.45 -6.91 8.64	40.02 -7.14 9.04	44.63 -7.46 6.20	39.46 -5.64 0.03	33.59 -4.71 0.02	32.24 -4.90 0.83	31.16 -4.26 0.05	29.91 -4.16 1.81	30.05 -4.33 2.29	30.05 -5.19 6.59	32.78 -5.77 7.23	42.92 -7.04 9.68	52.87 -8.22 7.39	60.54 -9.84 8.99	60.31 -9.17 0.54	55.56 -8.74 0.90	49.90 -7.13 0.02	46.69 -6.19 0.02
PACKARD___115KV_DUPONT_184 80571	37.11 -4.73 0.02	33.81 -4.61 0.00	33.21 -4.57 0.00	32.65 -4.67 0.00	33.52 -4.83 0.00	37.32 -5.93 0.05	38.45 -6.91 8.64	40.07 -7.08 9.04	44.69 -7.41 6.20	39.41 -5.69 0.03	33.59 -4.72 0.02	32.24 -4.90 0.83	31.16 -4.26 0.05	29.91 -4.16 1.81	30.05 -4.33 2.29	30.05 -5.19 6.59	33.00 -5.54 7.23	42.92 -7.04 9.68	52.94 -8.15 7.39	60.61 -9.77 8.99	60.31 -9.17 0.54	55.63 -8.67 0.90	49.90 -7.13 0.02	46.90 -5.98 0.02
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	44.25 2.39 0.00	40.53 2.11 0.00	39.89 2.12 0.00	39.18 1.87 0.00	40.15 1.80 0.00	45.38 2.08 0.00	56.97 2.97 0.00	96.53 2.75 -37.58	61.57 3.26 0.00	49.70 2.93 -1.65	49.77 2.53 -8.92	49.47 2.62 -8.88	45.72 2.45 -7.81	46.47 2.55 -8.04	44.37 2.53 -5.17	49.50 2.80 -4.86	53.56 2.93 -4.86	63.57 3.94 0.00	72.86 4.38 0.00	84.52 5.16 0.00	73.74 3.71 0.00	68.46 3.26 0.00	60.13 3.08 0.00	55.70 2.80 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	44.58 2.72 0.00	40.84 2.42 0.00	40.20 2.42 0.00	39.52 2.20 0.00	40.50 2.15 0.00	45.77 2.47 0.00	57.46 3.46 0.00	96.97 3.20 -37.58	61.97 3.67 0.00	49.97 3.20 -1.65	50.04 2.80 -8.92	49.70 2.85 -8.88	45.93 2.66 -7.81	46.69 2.76 -8.04	44.55 2.71 -5.17	49.70 3.01 -4.86	53.84 3.20 -4.86	63.99 4.35 0.00	73.34 4.86 0.00	85.08 5.71 0.00	74.30 4.27 0.00	69.12 3.91 0.00	60.70 3.65 0.00	56.34 3.44 0.00
PATROON___115KV_TB1 80586	43.37 1.51 0.00	39.88 1.46 0.00	39.21 1.44 0.00	38.70 1.38 0.00	39.65 1.30 0.00	44.86 1.56 0.00	55.25 1.24 0.00	68.68 0.73 -11.75	59.41 1.11 0.00	46.39 0.81 -0.45	41.58 0.80 -2.45	41.21 0.80 -2.44	38.28 0.67 -2.14	38.66 0.57 -2.21	38.71 0.62 -1.42	43.96 0.79 -1.33	48.08 0.92 -1.39	60.83 1.19 0.00	69.64 1.16 0.00	80.72 1.35 0.00	70.80 0.77 0.00	65.99 0.78 0.00	57.79 0.74 0.00	53.48 0.58 0.00
PATRSNVILLE___SOLAR 323815	42.91 1.05 0.00	39.42 1.00 0.00	38.76 0.98 0.00	38.29 0.97 0.00	39.31 0.96 0.00	44.47 1.17 0.00	55.68 1.68 0.00	66.91 1.52 -9.20	59.53 1.23 0.00	46.02 0.54 -0.36	40.52 0.27 -1.93	40.20 0.30 -1.92	37.40 0.25 -1.69	37.84 0.22 -1.74	38.08 0.29 -1.12	43.39 0.50 -1.05	47.70 0.82 -1.10	61.18 1.55 0.00	70.60 2.13 0.00	82.22 2.85 0.00	72.27 2.24 0.00	67.16 1.95 0.00	58.76 1.71 0.00	54.33 1.43 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.01 -3.85 0.00	34.58 -3.84 0.00	34.11 -3.66 0.00	33.51 -3.81 0.00	34.40 -3.95 0.00	39.46 -3.81 0.03	39.54 -4.37 10.09	41.37 -4.27 10.55	46.57 -4.49 7.25	41.28 -3.84 0.01	34.99 -3.33 0.00	34.01 -3.00 0.97	32.56 -2.87 0.03	31.39 -2.37 2.12	31.38 -2.60 2.68	31.00 -3.14 7.70	33.81 -3.52 8.44	44.34 -4.00 11.30	55.33 -4.52 8.63	63.48 -5.40 10.49	63.88 -5.60 0.54	58.74 -5.54 0.92	52.60 -4.45 0.00	48.62 -4.28 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	43.95 2.09 0.00	40.26 1.84 0.00	39.70 1.93 0.00	39.07 1.75 0.00	40.08 1.73 0.00	45.34 2.04 0.00	57.08 3.08 0.00	91.24 3.03 -32.02	61.57 3.26 0.00	48.80 2.66 -1.01	46.11 2.30 -5.49	45.72 2.28 -5.46	42.26 1.99 -4.81	42.91 2.08 -4.95	42.09 2.24 -3.18	47.38 2.55 -2.99	51.57 2.88 -2.91	63.99 4.35 0.00	73.41 4.93 0.00	85.16 5.79 0.00	74.37 4.34 0.00	68.92 3.72 0.00	60.47 3.42 0.00	55.65 2.75 0.00
PEEKSKILL___ 23653	43.58 1.72 0.00	39.96 1.54 0.00	39.33 1.55 0.00	38.74 1.42 0.00	39.69 1.34 0.00	45.04 1.73 0.00	56.60 2.59 0.00	98.71 2.36 -40.16	61.04 2.74 0.00	49.30 2.39 -1.78	50.08 2.11 -9.65	49.71 2.13 -9.61	45.87 1.95 -8.45	46.63 2.04 -8.70	44.36 2.09 -5.60	49.48 2.38 -5.26	53.62 2.56 -5.28	63.15 3.52 0.00	72.38 3.90 0.00	83.81 4.44 0.00	73.32 3.29 0.00	68.07 2.87 0.00	59.56 2.51 0.00	55.02 2.12 0.00

PGE MADISON___WINDPWR 24146	42.95 1.09 0.00	39.34 0.92 0.00	38.57 0.79 0.00	37.99 0.67 0.00	39.27 0.92 0.00	44.44 1.13 -0.01	57.74 2.21 -1.52	52.71 2.87 6.35	61.61 2.22 -1.09	45.39 0.59 0.32	36.46 -0.11 1.75	36.42 0.04 1.59	33.87 -0.07 1.53	34.73 0.11 1.26	36.17 0.11 0.61	42.67 0.63 -0.21	47.17 1.14 -0.25	63.96 2.62 -1.70	73.75 3.97 -1.30	86.10 5.16 -1.58	74.30 4.27 0.00	68.79 3.59 0.00	60.07 3.02 0.00	55.49 2.59 0.00
PIERCEFIELD___HYD 23852	40.69 -1.17 0.00	37.07 -1.34 0.00	36.49 -1.28 0.00	36.05 -1.27 0.00	39.39 -1.34 -2.38	41.86 -1.56 -0.12	61.68 -2.11 -9.78	88.20 -2.14 -34.15	55.50 -2.80 0.00	42.78 -2.35 0.00	36.06 -2.26 0.00	35.66 -2.32 0.00	33.27 -2.20 0.00	33.62 -2.26 0.00	34.51 -2.16 0.00	39.57 -2.26 0.00	43.12 -2.65 0.00	61.65 -3.64 -5.65	115.80 -3.49 -50.82	130.95 -3.89 -55.47	133.98 -2.31 -66.26	92.47 -1.11 -28.37	69.86 -0.80 -13.60	59.54 -0.11 -6.75
PINELAWN_CC_1 323563	44.50 2.64 0.00	40.72 2.30 0.00	39.97 2.19 0.00	39.26 1.94 0.00	40.34 1.99 0.00	45.82 2.51 0.00	57.51 3.51 0.00	95.86 2.13 -37.53	61.21 2.91 0.00	49.47 2.71 -1.64	49.79 2.57 -8.90	49.45 2.62 -8.86	45.70 2.45 -7.80	46.35 2.44 -8.03	44.51 2.68 -5.16	49.78 3.10 -4.85	54.29 3.66 -4.85	64.11 4.47 0.00	73.54 5.07 0.00	85.63 6.27 0.00	75.07 5.04 0.00	69.51 4.30 0.00	60.87 3.82 0.00	56.18 3.28 0.00
PJM_GEN_HTP_PROXY 323702	43.95 2.09 0.00	40.26 1.84 0.00	39.63 1.85 0.00	39.00 1.68 0.00	40.00 1.65 0.00	45.38 2.08 0.00	57.08 3.08 0.00	96.72 2.92 -37.61	61.74 3.44 0.00	49.75 2.98 -1.65	49.85 2.61 -8.93	49.52 2.66 -8.88	45.73 2.45 -7.82	46.44 2.51 -8.05	44.41 2.57 -5.18	49.58 2.88 -4.87	54.35 3.11 -5.46	63.21 4.17 0.60	73.13 4.66 0.00	84.68 5.32 0.00	74.02 3.99 0.00	68.72 3.52 0.00	60.07 3.02 0.00	55.49 2.59 0.00
PJM_GEN_KEystone 24065	40.82 -1.04 0.00	37.30 -1.12 0.00	36.72 -1.06 0.00	36.16 -1.16 0.00	37.05 -1.30 0.00	42.04 -1.26 0.01	50.07 -1.19 2.75	75.23 -1.40 -20.45	54.99 -1.34 1.97	45.29 -0.90 -1.06	43.37 -0.73 -5.78	42.78 -0.68 -5.49	39.91 -0.60 -5.05	40.09 -0.43 -4.64	38.78 -0.51 -2.62	42.22 -0.67 -1.06	46.53 -0.73 -1.49	55.18 -0.78 3.68	65.17 -0.96 2.35	75.16 -1.35 2.86	68.06 -1.75 0.22	63.08 -1.76 0.37	55.63 -1.42 0.00	51.63 -1.27 0.00
PJM_GEN_NEPTUNE_PROXY 323594	44.04 2.18 0.00	40.34 1.92 0.00	39.59 1.81 0.00	38.92 1.60 0.00	39.96 1.61 0.00	45.38 2.08 0.00	56.92 2.91 0.00	95.35 1.63 -37.53	60.75 2.45 0.00	49.16 2.39 -1.64	49.48 2.26 -8.90	49.19 2.36 -8.86	45.42 2.16 -7.80	46.10 2.19 -8.03	44.21 2.38 -5.16	49.40 2.72 -4.85	54.43 3.20 -5.45	62.86 3.82 0.60	72.79 4.32 0.00	84.60 5.24 0.00	74.16 4.13 0.00	68.72 3.52 0.00	60.19 3.14 0.00	55.54 2.64 0.00
PJM_GEN_VFT_PROXY 323633	43.78 1.93 0.01	40.10 1.69 0.01	39.43 1.66 0.01	38.80 1.49 0.01	39.80 1.46 0.01	45.16 1.86 0.01	56.86 2.86 0.00	96.48 2.70 -37.60	61.56 3.26 0.00	49.62 2.84 -1.65	49.73 2.49 -8.92	49.40 2.54 -8.88	45.62 2.34 -7.81	46.37 2.44 -8.04	44.30 2.46 -5.17	49.46 2.76 -4.86	54.17 2.93 -5.46	62.97 3.94 0.60	72.86 4.39 0.00	84.37 5.00 0.00	73.74 3.71 0.00	68.46 3.26 0.00	59.79 2.74 0.00	55.27 2.38 0.01
PLATSBURG_115KV_PMLD1 355749	41.61 -0.25 0.00	37.84 -0.58 0.00	37.25 -0.53 0.00	36.80 -0.52 0.00	38.06 -0.23 0.06	43.00 -0.30 0.00	53.41 -0.59 0.00	55.57 -0.62 0.00	57.37 -0.93 0.00	44.49 -0.63 0.00	37.59 -0.73 0.00	37.10 -0.87 0.00	34.61 -0.85 0.00	34.98 -0.90 0.00	35.94 -0.73 0.00	41.12 -0.71 0.00	44.86 -0.92 0.00	57.43 -2.21 0.00	65.67 -2.81 0.00	76.19 -3.17 0.00	68.49 -1.54 0.00	64.42 -0.78 0.00	57.28 0.23 0.00	54.55 1.80 0.15
PLEASANTVLY___LBMP 24000	43.41 1.55 0.00	39.84 1.42 0.00	39.21 1.44 0.00	38.59 1.27 0.00	39.58 1.23 0.00	44.78 1.47 0.00	56.27 2.27 0.00	84.83 2.02 -26.62	60.69 2.39 0.00	48.27 2.08 -1.07	46.05 1.92 -5.81	45.70 1.94 -5.79	42.29 1.74 -5.09	42.92 1.79 -5.24	41.91 1.87 -3.37	47.13 2.13 -3.17	51.10 2.29 -3.04	62.74 3.10 0.00	71.83 3.36 0.00	83.26 3.89 0.00	72.83 2.80 0.00	67.62 2.41 0.00	59.16 2.11 0.00	54.59 1.69 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	43.62 1.76 0.00	40.03 1.61 0.00	39.36 1.59 0.00	38.77 1.46 0.00	39.73 1.38 0.00	44.99 1.69 0.00	56.60 2.59 0.00	89.28 2.42 -30.67	61.10 2.80 0.00	48.79 2.39 -1.27	47.35 2.15 -6.88	47.03 2.20 -6.85	43.48 1.99 -6.03	44.14 2.05 -6.21	42.75 2.09 -3.99	48.01 2.43 -3.75	52.07 2.61 -3.69	63.21 3.58 0.00	72.45 3.97 0.00	83.97 4.60 0.00	73.39 3.36 0.00	68.07 2.87 0.00	59.56 2.51 0.00	54.91 2.01 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	43.62 1.76 0.00	40.03 1.61 0.00	39.36 1.59 0.00	38.77 1.46 0.00	39.73 1.38 0.00	44.99 1.69 0.00	56.60 2.59 0.00	89.28 2.42 -30.67	61.10 2.80 0.00	48.79 2.39 -1.27	47.35 2.15 -6.88	47.03 2.20 -6.85	43.48 1.99 -6.03	44.14 2.05 -6.21	42.75 2.09 -3.99	48.01 2.43 -3.75	52.07 2.61 -3.69	63.21 3.58 0.00	72.45 3.97 0.00	83.97 4.60 0.00	73.39 3.36 0.00	68.07 2.87 0.00	59.56 2.51 0.00	54.91 2.01 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	43.62 1.76 0.00	40.03 1.61 0.00	39.40 1.62 0.00	38.81 1.49 0.00	39.77 1.42 0.00	45.04 1.73 0.00	56.60 2.59 0.00	87.64 2.42 -29.03	60.98 2.68 0.00	48.03 2.12 -0.79	44.47 1.88 -4.27	44.12 1.90 -4.25	40.87 1.67 -3.74	41.49 1.76 -3.85	40.98 1.83 -2.48	46.29 2.13 -2.33	50.40 2.38 -2.24	62.98 3.34 0.00	72.31 3.83 0.00	83.89 4.52 0.00	73.39 3.36 0.00	68.07 2.87 0.00	59.62 2.57 0.00	54.96 2.06 0.00
POLETTI___ 23519	43.91 2.05 0.00	40.26 1.84 0.00	39.59 1.81 0.00	38.96 1.64 0.00	39.96 1.61 0.00	45.25 1.95 0.00	57.03 3.02 0.00	96.65 2.87 -37.60	61.68 3.38 0.00	49.70 2.93 -1.65	49.81 2.57 -8.92	49.47 2.62 -8.88	45.69 2.41 -7.81	46.44 2.51 -8.04	44.37 2.53 -5.17	49.54 2.84 -4.86	53.70 3.07 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.60 3.39 0.00	60.02 2.97 0.00	55.33 2.43 0.00
POMONA___ESR 323819	43.54 1.68 0.00	39.92 1.50 0.00	39.29 1.51 0.00	38.66 1.34 0.00	39.66 1.30 0.00	44.95 1.65 0.00	56.49 2.49 0.00	106.08 2.30 -47.58	60.98 2.68 0.00	49.79 2.30 -2.36	53.16 2.03 -12.81	52.77 2.05 -12.75	48.56 1.88 -11.22	49.40 1.97 -11.55	46.11 2.02 -7.43	51.11 2.30 -6.98	55.35 2.47 -7.11	62.91 3.28 0.00	72.10 3.63 0.00	83.49 4.12 0.00	73.04 3.01 0.00	67.82 2.61 0.00	59.33 2.28 0.00	54.80 1.90 0.00
PORT_JEFF_3 23555	44.75 2.89 0.00	40.95 2.54 0.00	40.16 2.38 0.00	39.41 2.09 0.00	40.50 2.15 0.00	46.08 2.77 0.00	57.62 3.62 0.00	95.74 2.02 -37.53	61.21 2.91 0.00	49.47 2.71 -1.64	49.90 2.68 -8.90	49.53 2.70 -8.86	45.81 2.55 -7.80	46.46 2.55 -8.03	44.66 2.82 -5.16	49.82 3.14 -4.85	54.33 3.71 -4.85	63.87 4.23 0.00	73.06 4.59 0.00	85.24 5.87 0.00	74.79 4.76 0.00	69.31 4.11 0.00	60.98 3.93 0.00	56.29 3.39 0.00

PORT_JEFF_4 23616	44.75 2.89 0.00	40.95 2.54 0.00	40.16 2.38 0.00	39.41 2.09 0.00	40.50 2.15 0.00	46.08 2.77 0.00	57.62 3.62 0.00	95.74 2.02 -37.53	61.21 2.91 0.00	49.47 2.71 -1.64	49.90 2.68 -8.90	49.53 2.70 -8.86	45.81 2.55 -7.80	46.46 2.55 -8.03	44.66 2.82 -5.16	49.82 3.14 -4.85	54.33 3.71 -4.85	63.87 4.23 0.00	73.06 4.59 0.00	85.24 5.87 0.00	74.79 4.76 0.00	69.31 4.11 0.00	60.98 3.93 0.00	56.29 3.39 0.00
PORT_JEFF_IC 23713	44.75 2.89 0.00	40.99 2.57 0.00	40.20 2.42 0.00	39.44 2.13 0.00	40.54 2.19 0.00	45.73 2.43 0.00	57.68 3.67 0.00	95.74 2.02 -37.53	61.22 2.92 0.00	49.52 2.75 -1.64	49.94 2.72 -8.90	49.57 2.73 -8.86	45.88 2.62 -7.80	46.49 2.58 -8.03	44.73 2.90 -5.16	49.86 3.18 -4.85	54.42 3.80 -4.85	64.05 4.41 0.00	73.27 4.79 0.00	85.56 6.19 0.00	75.00 4.97 0.00	69.18 3.98 0.00	60.82 3.77 0.00	55.92 3.02 0.00
PPL_PILGRIM_ST_GT1 24216	44.83 2.97 0.00	40.99 2.57 0.00	40.23 2.45 0.00	39.52 2.20 0.00	40.57 2.22 0.00	46.16 2.86 0.00	57.84 3.83 0.00	96.08 2.36 -37.53	61.51 3.20 0.00	49.74 2.98 -1.64	50.06 2.84 -8.90	49.68 2.85 -8.86	45.95 2.69 -7.80	46.60 2.69 -8.03	44.77 2.93 -5.16	50.03 3.35 -4.85	54.60 3.98 -4.85	64.41 4.77 0.00	73.68 5.20 0.00	85.88 6.51 0.00	75.28 5.25 0.00	69.70 4.50 0.00	61.27 4.22 0.00	56.55 3.65 0.00
PPL_PILGRIM_ST_GT2 24217	44.83 2.97 0.00	40.99 2.57 0.00	40.23 2.45 0.00	39.52 2.20 0.00	40.57 2.22 0.00	46.16 2.86 0.00	57.84 3.83 0.00	96.08 2.36 -37.53	61.51 3.20 0.00	49.74 2.98 -1.64	50.06 2.84 -8.90	49.68 2.85 -8.86	45.95 2.69 -7.80	46.60 2.69 -8.03	44.77 2.93 -5.16	50.03 3.35 -4.85	54.60 3.98 -4.85	64.41 4.77 0.00	73.68 5.20 0.00	85.88 6.51 0.00	75.28 5.25 0.00	69.70 4.50 0.00	61.27 4.22 0.00	56.55 3.65 0.00
PPL_SHRM_GT3 24213	44.79 2.93 0.00	40.95 2.54 0.00	40.16 2.38 0.00	39.41 2.09 0.00	40.46 2.11 0.00	46.08 2.77 0.00	57.24 3.24 0.00	94.85 1.12 -37.53	60.52 2.21 0.00	48.84 2.08 -1.64	49.68 2.45 -8.90	49.30 2.47 -8.86	45.42 2.16 -7.80	45.92 2.01 -8.03	44.29 2.46 -5.16	49.45 2.76 -4.85	54.06 3.43 -4.85	63.81 4.17 0.00	72.92 4.45 0.00	85.16 5.79 0.00	75.00 4.97 0.00	69.70 4.50 0.00	61.21 4.16 0.00	56.07 3.17 0.00
PPL_SHRM_GT4 24214	44.79 2.93 0.00	40.95 2.54 0.00	40.16 2.38 0.00	39.41 2.09 0.00	40.46 2.11 0.00	46.08 2.77 0.00	57.24 3.24 0.00	94.85 1.12 -37.53	60.52 2.21 0.00	48.84 2.08 -1.64	49.68 2.45 -8.90	49.30 2.47 -8.86	45.42 2.16 -7.80	45.92 2.01 -8.03	44.29 2.46 -5.16	49.45 2.76 -4.85	54.06 3.43 -4.85	63.81 4.17 0.00	72.92 4.45 0.00	85.16 5.79 0.00	75.00 4.97 0.00	69.70 4.50 0.00	61.21 4.16 0.00	56.07 3.17 0.00
PROJECT__ORANGE 1 24174	41.48 -0.38 0.00	38.03 -0.38 0.00	37.40 -0.38 0.00	36.94 -0.37 0.00	38.00 -0.42 -0.07	42.83 -0.48 0.00	53.91 -0.32 -0.23	56.78 -0.22 -0.81	58.01 -0.29 0.00	44.85 -0.27 0.00	38.05 -0.27 0.00	37.71 -0.27 0.00	35.25 -0.21 0.00	35.70 -0.18 0.00	36.41 -0.26 0.00	41.54 -0.29 0.00	45.50 -0.27 0.00	59.53 -0.24 -0.13	69.34 -0.34 -1.20	80.36 -0.32 -1.31	71.18 -0.42 -1.57	65.42 -0.46 -0.67	56.97 -0.40 -0.32	52.64 -0.42 -0.16
PROJECT__ORANGE 2 24166	41.48 -0.38 0.00	38.03 -0.38 0.00	37.40 -0.38 0.00	36.94 -0.37 0.00	38.00 -0.42 -0.07	42.83 -0.48 0.00	53.91 -0.32 -0.23	56.78 -0.22 -0.81	58.01 -0.29 0.00	44.85 -0.27 0.00	38.05 -0.27 0.00	37.71 -0.27 0.00	35.25 -0.21 0.00	35.70 -0.18 0.00	36.41 -0.26 0.00	41.54 -0.29 0.00	45.50 -0.27 0.00	59.53 -0.24 -0.13	69.34 -0.34 -1.20	80.36 -0.32 -1.31	71.18 -0.42 -1.57	65.42 -0.46 -0.67	56.97 -0.40 -0.32	52.64 -0.42 -0.16
PUCKETT__SOLAR 323809	41.95 0.08 0.00	38.46 0.04 0.00	37.82 0.04 0.00	37.28 -0.04 0.00	38.35 0.00 0.00	43.43 0.13 0.00	54.60 0.60 0.00	50.00 0.73 6.92	58.77 0.46 0.00	44.89 0.05 0.28	36.67 -0.15 1.50	36.36 -0.11 1.50	34.01 -0.14 1.32	34.49 -0.04 1.36	35.72 -0.07 0.87	41.01 0.00 0.82	45.09 0.18 0.87	60.41 0.77 0.00	69.57 1.09 0.00	80.87 1.50 0.00	70.91 0.98 0.10	65.76 0.72 0.16	57.68 0.63 0.00	53.48 0.58 0.00
PYRITES__HYD 24023	41.53 -0.33 0.00	37.84 -0.58 0.00	37.25 -0.53 0.00	36.80 -0.52 0.00	40.58 -0.38 -2.61	42.96 -0.48 -0.13	64.02 -0.70 -10.72	92.94 -0.67 -37.42	56.73 -1.57 0.00	43.64 -1.49 0.00	36.75 -1.63 0.00	36.34 -1.56 0.00	33.90 -1.61 0.00	34.27 -1.47 0.00	35.20 -1.42 0.00	40.41 -1.74 0.00	44.04 -1.74 0.00	63.38 -2.45 -6.19	122.25 -1.92 -55.69	138.25 -1.90 -60.78	142.22 -0.42 -72.61	96.69 0.39 -31.09	72.47 0.51 -14.91	61.17 1.11 -7.16
QUAKERRD_115KV_BK1 80622	39.77 -2.09 0.00	36.27 -2.15 0.00	35.66 -2.12 0.00	35.23 -2.09 0.00	36.20 -2.15 0.00	40.71 -2.60 0.00	51.03 -2.97 0.00	53.44 -2.75 0.00	55.15 -3.15 0.00	42.91 -2.21 0.00	36.37 -1.95 0.00	35.81 -2.16 0.00	33.73 -1.74 0.00	34.09 -1.79 0.00	34.65 -2.02 0.00	39.49 -2.34 0.00	43.26 -2.52 0.00	56.71 -2.92 0.00	65.19 -3.29 0.00	75.32 -4.05 0.00	66.57 -3.57 -0.11	62.01 -3.39 -0.19	54.25 -2.80 0.00	50.41 -2.49 0.00
QUENSBRY_115KV_TB8 356137	42.57 0.71 0.00	39.19 0.77 0.00	38.50 0.72 0.00	38.06 0.75 0.00	39.04 0.69 0.00	44.26 0.95 0.00	55.57 1.57 0.00	67.81 1.40 -10.22	59.58 1.28 0.00	46.20 0.68 -0.40	40.85 0.38 -2.14	40.53 0.42 -2.13	37.59 0.25 -1.88	37.89 0.07 -1.93	38.02 0.11 -1.24	43.38 0.38 -1.17	47.73 0.73 -1.22	61.25 1.61 0.00	70.74 2.26 0.00	82.54 3.17 0.00	72.48 2.45 0.00	67.16 1.96 0.00	58.65 1.60 0.00	54.12 1.22 0.00
RAMAPO__LBMP 323565	43.37 1.51 0.00	39.76 1.34 0.00	39.14 1.36 0.00	38.55 1.23 0.00	39.50 1.15 0.00	44.73 1.43 0.00	56.27 2.27 0.00	105.52 2.08 -47.25	60.69 2.39 0.00	49.35 2.08 -2.15	51.84 1.88 -11.64	51.46 1.90 -11.58	47.39 1.74 -10.19	48.21 1.83 -10.50	45.29 1.87 -6.75	50.31 2.13 -6.35	54.50 2.29 -6.44	62.62 2.98 0.00	71.76 3.29 0.00	83.18 3.81 0.00	72.76 2.73 0.00	67.49 2.28 0.00	59.05 2.00 0.00	54.49 1.59 0.00
RANKINE____ 23646	37.63 -4.23 0.00	34.19 -4.23 0.00	33.74 -4.04 0.00	33.14 -4.18 0.00	34.02 -4.33 0.00	38.42 -4.85 0.04	37.22 -5.72 11.06	39.00 -5.62 11.57	44.41 -5.95 7.94	40.51 -4.60 0.01	34.38 -3.95 0.00	32.96 -3.95 1.06	31.92 -3.51 0.04	30.29 -3.27 2.32	30.21 -3.52 2.94	29.21 -4.18 8.44	31.85 -4.67 9.25	41.82 -5.43 12.39	52.86 -6.16 9.46	60.56 -7.30 11.50	62.52 -6.93 0.57	57.58 -6.65 0.97	51.63 -5.42 0.00	48.03 -4.87 0.00
RAVENSWOOD_GT2_1 24244	43.95 2.09 0.00	40.30 1.88 0.00	39.63 1.85 0.00	39.00 1.68 0.00	40.00 1.65 0.00	45.30 1.99 0.00	57.08 3.08 0.00	96.69 2.92 -37.58	61.74 3.44 0.00	49.70 2.93 -1.65	49.81 2.57 -8.92	49.51 2.66 -8.88	45.72 2.45 -7.81	46.43 2.51 -8.04	44.41 2.57 -5.17	49.58 2.89 -4.86	53.74 3.11 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.76 5.40 0.00	73.95 3.92 0.00	68.66 3.46 0.00	60.02 2.97 0.00	55.39 2.49 0.00

RAVENSWOOD_GT_9 24257	43.95 2.09 0.00	40.30 1.88 0.00	39.63 1.85 0.00	39.00 1.68 0.00	40.00 1.65 0.00	45.30 1.99 0.00	57.08 3.08 0.00	96.69 2.92 -37.58	61.74 3.44 0.00	49.70 2.93 -1.65	49.81 2.57 -8.92	49.51 2.66 -8.88	45.72 2.45 -7.81	46.43 2.51 -8.04	44.41 2.57 -5.17	49.58 2.89 -4.86	53.74 3.11 -4.86	63.81 4.17 0.00	73.06 4.59 0.00	84.76 5.40 0.00	73.95 3.92 0.00	68.66 3.46 0.00	60.02 2.97 0.00	55.39 2.49 0.00
RAVENSWOOD___1 23533	44.20 2.34 0.00	40.45 2.03 0.00	39.82 2.04 0.00	39.15 1.83 0.00	40.15 1.80 0.00	45.51 2.21 0.00	57.13 3.13 0.00	96.75 2.98 -37.58	61.80 3.50 0.00	49.84 3.07 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.83 2.55 -7.81	46.58 2.66 -8.04	44.48 2.64 -5.17	49.62 2.93 -4.86	53.75 3.11 -4.86	63.81 4.17 0.00	73.13 4.66 0.00	84.77 5.40 0.00	74.02 3.99 0.00	68.79 3.58 0.00	60.24 3.19 0.00	55.75 2.85 0.00
RAVENSWOOD___2 23534	44.16 2.30 0.00	40.45 2.03 0.00	39.78 2.00 0.00	39.15 1.83 0.00	40.12 1.77 0.00	45.47 2.16 0.00	57.13 3.13 0.00	96.75 2.98 -37.58	61.80 3.50 0.00	49.84 3.07 -1.65	49.88 2.64 -8.92	49.59 2.74 -8.88	45.83 2.55 -7.81	46.58 2.66 -8.04	44.48 2.64 -5.17	49.62 2.93 -4.86	53.75 3.11 -4.86	63.81 4.17 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.79 3.58 0.00	60.24 3.19 0.00	55.75 2.85 0.00
RAVENSWOOD___3 23535	44.00 2.13 0.00	40.30 1.88 0.00	39.63 1.85 0.00	39.00 1.68 0.00	40.00 1.65 0.00	45.38 2.08 0.00	57.08 3.08 0.00	96.69 2.92 -37.58	61.74 3.44 0.00	49.70 2.93 -1.65	49.85 2.61 -8.92	49.51 2.66 -8.88	45.72 2.45 -7.81	46.47 2.55 -8.04	44.41 2.57 -5.17	49.58 2.88 -4.86	53.75 3.11 -4.86	63.81 4.17 0.00	73.06 4.59 0.00	84.68 5.32 0.00	74.02 3.99 0.00	68.72 3.52 0.00	60.07 3.02 0.00	55.54 2.64 0.00
RAVENSWOOD___4 23820	44.16 2.30 0.00	40.45 2.03 0.00	39.78 2.00 0.00	39.15 1.83 0.00	40.12 1.77 0.00	45.47 2.16 0.00	57.13 3.13 0.00	96.69 2.92 -37.58	61.80 3.50 0.00	49.84 3.07 -1.65	49.88 2.64 -8.92	49.59 2.74 -8.88	45.79 2.52 -7.81	46.58 2.66 -8.04	44.48 2.64 -5.17	49.62 2.93 -4.86	53.75 3.11 -4.86	63.81 4.17 0.00	73.06 4.59 0.00	84.68 5.32 0.00	73.95 3.92 0.00	68.72 3.52 0.00	60.19 3.14 0.00	55.75 2.85 0.00
RCPI_TRUST___DRP 24196	43.95 2.09 0.00	40.30 1.88 0.00	39.67 1.89 0.00	39.03 1.72 0.00	40.04 1.69 0.00	45.34 2.04 0.00	57.14 3.13 0.00	96.84 3.03 -37.61	61.86 3.56 0.00	49.80 3.02 -1.65	49.89 2.64 -8.93	49.56 2.66 -8.88	45.76 2.48 -7.82	46.52 2.58 -8.05	44.45 2.60 -5.18	49.67 2.97 -4.87	53.84 3.20 -4.86	63.93 4.29 0.00	73.20 4.72 0.00	84.84 5.48 0.00	74.09 4.06 0.00	68.73 3.52 0.00	60.07 3.02 0.00	55.44 2.54 0.00
RED___ROCHESTER 323720	40.52 -1.34 0.00	36.96 -1.46 0.00	36.27 -1.51 0.00	35.82 -1.49 0.00	36.82 -1.54 0.00	41.36 -1.95 0.00	51.96 -2.05 -0.01	54.57 -1.63 -0.01	56.21 -2.10 -0.01	43.73 -1.40 0.00	37.06 -1.26 0.00	36.45 -1.52 0.00	34.40 -1.06 0.00	34.81 -1.08 0.00	35.28 -1.39 0.00	40.25 -1.59 -0.01	44.22 -1.56 -0.01	57.86 -1.79 -0.01	66.56 -1.92 -0.01	76.91 -2.46 -0.01	67.97 -2.17 -0.12	63.25 -2.15 -0.20	55.34 -1.71 0.00	51.52 -1.38 0.00
REGAN___SOLAR 323812	43.79 1.93 0.00	40.19 1.77 0.00	39.52 1.74 0.00	39.07 1.75 0.00	40.12 1.77 0.00	45.55 2.25 0.00	57.41 3.40 0.00	67.34 3.20 -7.95	60.46 2.16 0.00	46.06 0.63 -0.31	40.10 0.12 -1.67	39.82 0.19 -1.66	37.06 0.14 -1.46	37.42 0.04 -1.50	37.78 0.15 -0.97	43.24 0.50 -0.91	47.82 1.10 -0.95	62.38 2.74 0.00	72.79 4.32 0.00	85.39 6.03 0.00	75.07 5.04 0.00	69.51 4.30 0.00	60.70 3.65 0.00	56.13 3.23 0.00
RENSSELAER___COGEN 23796	43.12 1.25 0.00	39.65 1.23 0.00	38.99 1.21 0.00	38.48 1.16 0.00	39.46 1.11 0.00	44.65 1.34 0.00	54.86 0.86 0.00	68.45 0.40 -11.86	59.00 0.70 0.00	46.08 0.50 -0.45	41.36 0.58 -2.46	40.99 0.57 -2.45	38.08 0.46 -2.15	38.49 0.40 -2.22	38.54 0.44 -1.43	43.68 0.50 -1.34	47.72 0.55 -1.39	60.35 0.72 0.00	69.16 0.68 0.00	80.08 0.71 0.00	70.31 0.28 0.00	65.53 0.33 0.00	57.45 0.40 0.00	53.22 0.32 0.00
REPUBLIC_115KV_BARTNBRK 55605	43.03 1.17 0.00	39.57 1.15 0.00	38.87 1.10 0.00	38.47 1.16 0.00	39.50 1.15 0.00	44.91 1.60 0.00	56.70 2.70 0.00	69.03 2.58 -10.25	60.34 2.04 0.00	46.56 1.04 -0.40	40.97 0.50 -2.15	40.68 0.57 -2.14	37.63 0.28 -1.88	37.79 -0.04 -1.94	37.95 0.04 -1.25	43.55 0.54 -1.17	48.10 1.10 -1.22	62.26 2.62 0.00	72.24 3.77 0.00	85.00 5.63 0.00	74.65 4.62 0.00	68.92 3.72 0.00	60.13 3.08 0.00	55.44 2.54 0.00
REVERE_CPPR_DRP 24186	42.32 0.46 0.00	38.84 0.42 0.00	38.16 0.38 0.00	37.69 0.37 0.00	39.06 0.50 -0.21	43.92 0.61 -0.01	55.97 1.08 -0.88	60.74 1.46 -3.09	59.47 1.17 0.00	45.49 0.36 0.00	38.36 0.04 0.00	38.09 0.11 0.00	35.50 0.04 0.00	35.99 0.11 0.00	36.82 0.15 0.00	42.25 0.42 0.00	46.46 0.69 0.00	61.34 1.19 -0.51	74.92 1.85 -4.60	86.84 2.46 -5.02	78.19 2.17 -5.99	69.79 2.02 -2.57	59.99 1.71 -1.23	54.99 1.48 -0.61
REYNLDPA_13_KV_LD 356490	41.90 0.04 0.00	38.23 -0.19 0.00	37.59 -0.19 0.00	37.13 -0.19 0.00	38.01 0.12 0.46	43.28 0.00 0.02	51.90 -0.27 1.83	49.51 -0.28 6.40	57.48 -0.82 0.00	44.86 -0.27 0.00	38.01 -0.31 0.00	37.52 -0.45 0.00	35.04 -0.42 0.00	35.38 -0.50 0.00	36.27 -0.40 0.00	41.45 -0.38 0.00	45.13 -0.64 0.00	56.84 -1.73 1.06	57.16 -1.78 9.53	66.82 -2.14 10.40	56.90 -0.70 12.43	59.03 -0.13 6.04	54.21 0.06 2.90	51.90 0.27 1.27
REYNOLDS_115KV_TB3 80639	43.12 1.26 0.00	39.69 1.27 0.00	38.99 1.21 0.00	38.47 1.16 0.00	39.42 1.07 0.00	44.60 1.30 0.00	55.14 1.13 0.00	68.84 0.67 -11.98	59.29 0.99 0.00	46.35 0.77 -0.46	41.59 0.77 -2.50	41.22 0.76 -2.49	38.33 0.67 -2.19	38.71 0.57 -2.25	38.74 0.62 -1.45	43.95 0.75 -1.36	48.06 0.87 -1.41	60.71 1.07 0.00	69.57 1.10 0.00	80.48 1.11 0.00	70.59 0.56 0.00	65.79 0.59 0.00	57.62 0.57 0.00	53.27 0.37 0.00
RIVERBAY___ 323610	44.58 2.72 0.00	40.84 2.42 0.00	40.20 2.42 0.00	39.52 2.20 0.00	40.50 2.15 0.00	45.77 2.47 0.00	57.46 3.46 0.00	96.97 3.20 -37.58	61.97 3.67 0.00	49.97 3.20 -1.65	50.04 2.80 -8.92	49.70 2.85 -8.88	45.93 2.66 -7.81	46.69 2.76 -8.04	44.55 2.71 -5.17	49.70 3.01 -4.86	53.84 3.20 -4.86	63.99 4.35 0.00	73.34 4.86 0.00	85.08 5.71 0.00	74.30 4.27 0.00	69.12 3.91 0.00	60.70 3.65 0.00	56.34 3.44 0.00
RIVERSDE_115KV_TB3 55908	43.20 1.34 0.00	39.73 1.31 0.00	39.06 1.28 0.00	38.55 1.23 0.00	39.50 1.15 0.00	44.69 1.39 0.00	55.14 1.13 0.00	68.68 0.67 -11.82	59.29 0.99 0.00	46.35 0.77 -0.45	41.55 0.77 -2.46	41.19 0.76 -2.45	38.26 0.64 -2.16	38.64 0.54 -2.22	38.72 0.62 -1.43	43.93 0.75 -1.34	47.99 0.82 -1.39	60.71 1.07 0.00	69.57 1.10 0.00	80.56 1.19 0.00	70.66 0.63 0.00	65.86 0.65 0.00	57.68 0.63 0.00	53.32 0.42 0.00

ROARING__BROOK_WT_PWR 323790	41.65 -0.21 0.00	38.19 -0.23 0.00	37.55 -0.23 0.00	37.10 -0.22 0.00	38.09 -0.19 0.07	43.09 -0.22 0.00	53.40 -0.32 0.28	54.88 -0.34 0.98	57.83 -0.47 0.00	44.81 -0.31 0.00	38.01 -0.31 0.00	37.67 -0.31 0.00	35.14 -0.32 0.00	35.56 -0.32 0.00	36.38 -0.29 0.00	41.50 -0.34 0.00	45.41 -0.37 0.00	58.88 -0.60 0.16	66.41 -0.62 1.45	77.06 -0.72 1.59	67.72 -0.42 1.89	63.96 -0.32 0.92	56.38 -0.23 0.44	52.60 -0.11 0.19
ROCHESRG_115KV_T4 355643	40.06 -1.80 0.00	36.50 -1.92 0.00	35.89 -1.89 0.00	35.41 -1.90 0.00	36.40 -1.96 0.00	40.88 -2.43 0.00	51.25 -2.75 0.00	53.66 -2.53 0.00	55.39 -2.92 0.00	43.09 -2.03 0.00	36.56 -1.76 0.00	35.96 -2.01 0.00	33.90 -1.56 0.00	34.30 -1.58 0.00	34.84 -1.83 0.00	39.70 -2.13 0.00	43.44 -2.33 0.00	56.95 -2.68 0.00	65.46 -3.01 0.00	75.72 -3.65 0.00	66.91 -3.22 -0.10	62.25 -3.13 -0.18	54.48 -2.57 0.00	50.73 -2.17 0.00
ROCHESTER_9_IC 23652	40.35 -1.51 0.00	36.73 -1.69 0.00	36.12 -1.66 0.00	35.68 -1.64 0.00	36.66 -1.69 0.00	41.18 -2.12 0.00	51.69 -2.32 -0.01	54.23 -1.97 -0.01	55.86 -2.45 -0.01	43.50 -1.62 0.00	36.87 -1.46 0.00	36.27 -1.71 0.00	34.19 -1.28 0.00	34.59 -1.29 0.00	35.09 -1.58 0.00	40.04 -1.80 -0.01	43.86 -1.92 -0.01	57.50 -2.15 -0.01	66.09 -2.40 -0.01	76.36 -3.02 -0.01	67.55 -2.59 -0.12	62.86 -2.54 -0.20	55.00 -2.05 0.00	51.15 -1.75 0.00
ROCKVIEW_13_KV_LD 356306	43.87 2.01 0.00	40.26 1.84 0.00	39.59 1.81 0.00	39.00 1.68 0.00	39.96 1.61 0.00	45.25 1.95 0.00	57.08 3.08 0.00	96.65 2.87 -37.59	61.62 3.32 0.00	49.61 2.84 -1.65	49.73 2.49 -8.92	49.40 2.54 -8.88	45.58 2.31 -7.81	46.33 2.40 -8.04	44.30 2.46 -5.17	49.54 2.84 -4.86	53.70 3.07 -4.86	63.81 4.17 0.00	73.13 4.66 0.00	84.76 5.40 0.00	74.09 4.06 0.00	68.66 3.46 0.00	60.07 3.02 0.00	55.33 2.43 0.00
ROME____115KV_TB2 80656	42.32 0.46 0.00	38.84 0.42 0.00	38.16 0.38 0.00	37.69 0.37 0.00	39.06 0.50 -0.21	43.92 0.61 -0.01	55.97 1.08 -0.88	60.74 1.46 -3.09	59.47 1.17 0.00	45.49 0.36 0.00	38.36 0.04 0.00	38.09 0.11 0.00	35.50 0.04 0.00	35.99 0.11 0.00	36.82 0.15 0.00	42.25 0.42 0.00	46.46 0.69 0.00	61.34 1.19 -0.51	74.92 1.85 -4.60	86.84 2.46 -5.02	78.19 2.17 -5.99	69.79 2.02 -2.57	59.99 1.71 -1.23	54.99 1.48 -0.61
ROSETON__1 23587	43.33 1.46 0.00	39.76 1.34 0.00	39.10 1.32 0.00	38.55 1.23 0.00	39.50 1.15 0.00	44.78 1.47 0.00	56.17 2.16 0.00	84.13 2.02 -25.92	60.69 2.39 0.00	48.18 2.03 -1.02	45.70 1.84 -5.54	45.39 1.90 -5.52	42.02 1.70 -4.85	42.64 1.76 -5.00	41.72 1.83 -3.21	46.90 2.05 -3.02	50.98 2.24 -2.96	62.68 3.04 0.00	71.76 3.29 0.00	83.18 3.81 0.00	72.76 2.73 0.00	67.62 2.41 0.00	59.22 2.17 0.00	54.70 1.80 0.00
ROSETON__2 23588	43.33 1.46 0.00	39.76 1.34 0.00	39.10 1.32 0.00	38.55 1.23 0.00	39.50 1.15 0.00	44.78 1.47 0.00	56.17 2.16 0.00	84.13 2.02 -25.92	60.69 2.39 0.00	48.18 2.03 -1.02	45.70 1.84 -5.54	45.39 1.90 -5.52	42.02 1.70 -4.85	42.64 1.76 -5.00	41.72 1.83 -3.21	46.90 2.05 -3.02	50.98 2.24 -2.96	62.68 3.04 0.00	71.76 3.29 0.00	83.18 3.81 0.00	72.76 2.73 0.00	67.62 2.41 0.00	59.22 2.17 0.00	54.70 1.80 0.00
ROTTRDAM_115KV_TB3 80664	42.66 0.80 0.00	39.23 0.81 0.00	38.57 0.79 0.00	38.06 0.75 0.00	39.08 0.73 0.00	44.17 0.87 0.00	55.19 1.19 0.00	66.88 1.01 -9.68	59.35 1.05 0.00	46.18 0.68 -0.38	40.89 0.54 -2.03	40.57 0.57 -2.02	37.74 0.50 -1.78	38.18 0.47 -1.83	38.36 0.51 -1.18	43.57 0.63 -1.11	47.76 0.82 -1.16	60.95 1.31 0.00	69.98 1.51 0.00	81.27 1.90 0.00	71.43 1.40 0.00	66.44 1.24 0.00	58.13 1.08 0.00	53.75 0.85 0.00
RUSSELL__1 23602	40.52 -1.34 0.00	36.88 -1.54 0.00	36.27 -1.51 0.00	35.82 -1.49 0.00	36.82 -1.53 0.00	41.40 -1.91 0.00	51.96 -2.05 -0.01	54.57 -1.63 -0.01	56.21 -2.10 -0.01	43.73 -1.40 0.00	37.06 -1.26 0.00	36.46 -1.52 0.00	34.40 -1.06 0.00	34.81 -1.08 0.00	35.28 -1.39 0.00	40.25 -1.59 -0.01	44.13 -1.65 -0.01	57.86 -1.79 -0.01	66.56 -1.92 -0.01	76.83 -2.54 -0.01	67.97 -2.17 -0.12	63.25 -2.15 -0.20	55.34 -1.71 0.00	51.42 -1.48 0.00
RUSSELL__2 23532	40.52 -1.34 0.00	36.88 -1.54 0.00	36.27 -1.51 0.00	35.82 -1.49 0.00	36.82 -1.53 0.00	41.40 -1.91 0.00	51.96 -2.05 -0.01	54.57 -1.63 -0.01	56.21 -2.10 -0.01	43.73 -1.40 0.00	37.06 -1.26 0.00	36.46 -1.52 0.00	34.40 -1.06 0.00	34.81 -1.08 0.00	35.28 -1.39 0.00	40.25 -1.59 -0.01	44.13 -1.65 -0.01	57.86 -1.79 -0.01	66.56 -1.92 -0.01	76.83 -2.54 -0.01	67.97 -2.17 -0.12	63.25 -2.15 -0.20	55.34 -1.71 0.00	51.42 -1.48 0.00
RUSSELL__3 23549	40.52 -1.34 0.00	36.88 -1.54 0.00	36.27 -1.51 0.00	35.82 -1.49 0.00	36.82 -1.53 0.00	41.40 -1.91 0.00	51.96 -2.05 -0.01	54.57 -1.63 -0.01	56.21 -2.10 -0.01	43.73 -1.40 0.00	37.06 -1.26 0.00	36.46 -1.52 0.00	34.40 -1.06 0.00	34.81 -1.08 0.00	35.28 -1.39 0.00	40.25 -1.59 -0.01	44.13 -1.65 -0.01	57.86 -1.79 -0.01	66.56 -1.92 -0.01	76.83 -2.54 -0.01	67.97 -2.17 -0.12	63.25 -2.15 -0.20	55.34 -1.71 0.00	51.42 -1.48 0.00
RUSSELL__4 23556	40.52 -1.34 0.00	36.88 -1.54 0.00	36.27 -1.51 0.00	35.82 -1.49 0.00	36.82 -1.53 0.00	41.40 -1.91 0.00	51.96 -2.05 -0.01	54.57 -1.63 -0.01	56.21 -2.10 -0.01	43.73 -1.40 0.00	37.06 -1.26 0.00	36.46 -1.52 0.00	34.40 -1.06 0.00	34.81 -1.08 0.00	35.28 -1.39 0.00	40.25 -1.59 -0.01	44.13 -1.65 -0.01	57.86 -1.79 -0.01	66.56 -1.92 -0.01	76.83 -2.54 -0.01	67.97 -2.17 -0.12	63.25 -2.15 -0.20	55.34 -1.71 0.00	51.42 -1.48 0.00
RUSSELL__STATION 23914	40.52 -1.34 0.00	36.88 -1.54 0.00	36.27 -1.51 0.00	35.82 -1.49 0.00	36.82 -1.53 0.00	41.40 -1.91 0.00	51.96 -2.05 -0.01	54.57 -1.63 -0.01	56.21 -2.10 -0.01	43.73 -1.40 0.00	37.06 -1.26 0.00	36.46 -1.52 0.00	34.40 -1.06 0.00	34.81 -1.08 0.00	35.28 -1.39 0.00	40.25 -1.59 -0.01	44.13 -1.65 -0.01	57.86 -1.79 -0.01	66.56 -1.92 -0.01	76.83 -2.54 -0.01	67.97 -2.17 -0.12	63.25 -2.15 -0.20	55.34 -1.71 0.00	51.42 -1.48 0.00
S SALMON__HYD 24043	40.98 -0.88 0.00	37.57 -0.85 0.00	36.95 -0.83 0.00	36.50 -0.82 0.00	37.78 -0.81 -0.23	42.40 -0.91 -0.01	54.84 -0.81 -1.64	61.42 -0.51 -5.73	57.14 -1.17 0.00	43.59 -1.53 0.00	36.75 -1.57 0.00	36.45 -1.52 0.00	33.98 -1.49 0.00	34.41 -1.47 0.00	35.20 -1.47 0.00	40.45 -1.38 0.00	44.54 -1.23 0.00	59.33 -1.26 -0.95	76.26 -0.75 -8.53	88.44 -0.24 -9.31	81.08 -0.07 -11.13	70.68 0.07 -5.41	59.53 -0.11 -2.59	53.82 -0.21 -1.13
S.PERRY__115KV_TB1 80734	40.61 -1.26 0.00	36.92 -1.50 0.00	36.34 -1.44 0.00	35.82 -1.49 0.00	36.86 -1.50 0.00	41.81 -1.60 -0.11	84.40 -1.40 -31.80	88.32 -1.12 -33.26	78.80 -2.33 -22.83	42.99 -2.17 -0.03	36.29 -2.03 0.00	38.73 -2.28 -3.04	33.62 -1.95 -0.11	40.76 -1.79 -6.67	43.14 -1.98 -8.45	63.99 -2.09 -24.25	70.27 -2.11 -26.60	93.58 -1.67 -35.61	94.49 -1.16 -27.18	111.48 -0.95 -33.07	71.51 -0.84 -2.32	68.29 -0.85 -3.93	56.48 -0.57 0.00	52.42 -0.48 0.00

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.38 -4.48 0.00	33.96 -4.46 0.00	33.47 -4.31 0.00	32.91 -4.40 0.00	33.75 -4.60 0.00	37.86 -5.41 0.04	36.83 -6.48 10.69	38.50 -6.52 11.18	43.81 -6.82 7.67	39.97 -5.14 0.01	33.99 -4.33 0.00	32.51 -4.44 1.02	31.56 -3.87 0.04	29.91 -3.73 2.24	29.83 -4.00 2.84	28.91 -4.77 8.15	31.52 -5.31 8.94	41.29 -6.38 11.97	52.01 -7.33 9.14	59.52 -8.73 11.11	61.47 -7.98 0.58	56.60 -7.63 0.98	50.83 -6.22 0.00	47.40 -5.50 0.00
SAWYER__23_KV_LOAD 55526	37.38 -4.48 0.00	33.96 -4.46 0.00	33.47 -4.31 0.00	32.91 -4.40 0.00	33.75 -4.60 0.00	37.86 -5.41 0.04	36.83 -6.48 10.69	38.50 -6.52 11.18	43.81 -6.82 7.67	39.97 -5.14 0.01	33.99 -4.33 0.00	32.51 -4.44 1.02	31.56 -3.87 0.04	29.91 -3.73 2.24	29.83 -4.00 2.84	28.91 -4.77 8.15	31.52 -5.31 8.94	41.29 -6.38 11.97	52.01 -7.33 9.14	59.52 -8.73 11.11	61.47 -7.98 0.58	56.60 -7.63 0.98	50.83 -6.22 0.00	47.40 -5.50 0.00
SELKIRK__I 23801	43.12 1.25 0.00	39.65 1.23 0.00	38.99 1.21 0.00	38.51 1.19 0.00	39.50 1.15 0.00	44.65 1.34 0.00	55.35 1.35 0.00	69.33 1.01 -12.13	59.41 1.10 0.00	46.24 0.68 -0.44	41.29 0.58 -2.39	40.96 0.61 -2.38	38.05 0.50 -2.09	38.50 0.47 -2.15	38.57 0.51 -1.39	43.76 0.63 -1.30	47.96 0.82 -1.36	60.95 1.31 0.00	69.92 1.44 0.00	81.11 1.74 0.00	71.29 1.26 0.00	66.38 1.17 0.00	58.19 1.14 0.00	53.96 1.06 0.00
SELKIRK__II 23799	42.91 1.05 0.00	39.46 1.04 0.00	38.80 1.02 0.00	38.29 0.97 0.00	39.27 0.92 0.00	44.43 1.12 0.00	54.98 0.97 0.00	68.48 0.56 -11.73	59.12 0.82 0.00	46.15 0.59 -0.44	41.33 0.61 -2.40	41.00 0.64 -2.38	38.09 0.53 -2.10	38.54 0.50 -2.16	38.57 0.51 -1.39	43.72 0.59 -1.31	47.83 0.69 -1.37	60.59 0.95 0.00	69.43 0.96 0.00	80.40 1.03 0.00	70.59 0.56 0.00	65.79 0.59 0.00	57.68 0.63 0.00	53.43 0.53 0.00
SENECA OSWGO__HYD 24041	41.02 -0.84 0.00	37.65 -0.77 0.00	36.98 -0.80 0.00	36.53 -0.79 0.00	37.62 -0.81 -0.08	42.40 -0.91 0.00	53.46 -0.92 -0.37	56.65 -0.84 -1.30	57.31 -0.99 0.00	44.27 -0.86 0.00	37.56 -0.77 0.00	37.22 -0.76 0.00	34.79 -0.67 0.00	35.20 -0.68 0.00	35.94 -0.73 0.00	41.00 -0.84 0.00	44.95 -0.82 0.00	58.96 -0.89 -0.21	69.38 -1.03 -1.93	80.36 -1.11 -2.11	71.49 -1.05 -2.52	65.38 -1.05 -1.22	56.72 -0.91 -0.59	52.31 -0.85 -0.26
SENECA__115KV_TB3 355854	37.68 -4.19 0.00	34.35 -4.07 0.00	33.77 -4.01 0.00	33.17 -4.14 0.00	34.06 -4.29 0.00	38.42 -4.85 0.04	37.27 -5.67 11.06	39.12 -5.50 11.57	44.53 -5.83 7.94	40.51 -4.60 0.01	34.41 -3.91 0.00	33.00 -3.91 1.06	31.92 -3.51 0.04	30.29 -3.26 2.32	30.24 -3.48 2.94	29.25 -4.14 8.44	32.13 -4.39 9.25	41.88 -5.37 12.39	52.99 -6.03 9.46	60.72 -7.14 11.50	62.66 -6.79 0.57	57.65 -6.58 0.97	51.69 -5.36 0.00	48.30 -4.60 0.00
SENECA__ENERGY 23797	41.06 -0.80 0.00	37.61 -0.81 0.00	36.95 -0.83 0.00	36.46 -0.86 0.00	37.51 -0.84 0.00	42.45 -0.87 -0.01	55.40 -0.87 -2.27	57.89 -0.67 -2.37	58.94 -0.99 -1.63	44.40 -0.72 0.00	37.59 -0.73 0.00	37.39 -0.80 -0.22	34.83 -0.64 -0.01	35.78 -0.58 -0.48	36.57 -0.70 -0.60	42.76 -0.80 -1.73	46.75 -0.92 -1.90	61.34 -0.83 -2.54	69.59 -0.82 -1.94	80.85 -0.87 -2.36	69.29 -0.91 -0.18	64.59 -0.91 -0.30	56.42 -0.63 0.00	52.37 -0.53 0.00
SHOEMAKER__GT 23640	43.08 1.21 0.00	39.53 1.11 0.00	38.91 1.13 0.00	38.33 1.01 0.00	39.31 0.96 0.00	44.52 1.21 0.00	55.84 1.84 0.00	-56.63 1.74 114.56	60.11 1.81 0.00	40.27 1.44 6.30	5.48 1.30 34.15	5.31 1.33 33.99	6.76 1.21 29.91	6.37 1.29 30.80	18.18 1.32 19.81	24.71 1.50 18.62	27.66 1.65 19.76	61.90 2.27 0.00	71.14 2.67 0.00	82.46 3.09 0.00	72.27 2.24 0.00	67.10 1.89 0.00	58.76 1.71 0.00	54.27 1.37 0.00
SHOEMAKR_138KV_BK 111 55601	43.08 1.21 0.00	39.53 1.11 0.00	38.91 1.13 0.00	38.33 1.01 0.00	39.31 0.96 0.00	44.43 1.13 0.00	55.84 1.84 0.00	-104.09 1.74 162.02	60.11 1.81 0.00	37.31 1.49 9.30	-10.74 1.34 50.40	-10.83 1.37 50.17	-7.44 1.24 44.14	-8.28 1.29 45.46	8.75 1.32 29.24	15.90 1.55 27.48	18.38 1.69 29.09	61.96 2.33 0.00	71.15 2.67 0.00	82.46 3.10 0.00	72.20 2.17 0.00	67.03 1.83 0.00	58.65 1.60 0.00	54.17 1.27 0.00
SHOREHAM_IC_1 23715	44.79 2.93 0.00	40.95 2.54 0.00	40.16 2.38 0.00	39.41 2.09 0.00	40.46 2.11 0.00	46.08 2.77 0.00	57.24 3.24 0.00	94.85 1.12 -37.53	60.52 2.21 0.00	48.84 2.08 -1.64	49.68 2.45 -8.90	49.30 2.47 -8.86	45.42 2.16 -7.80	45.92 2.01 -8.03	44.29 2.46 -5.16	49.45 2.76 -4.85	54.06 3.43 -4.85	63.81 4.17 0.00	72.92 4.45 0.00	85.16 5.79 0.00	75.00 4.97 0.00	69.70 4.50 0.00	61.21 4.16 0.00	56.07 3.17 0.00
SHOREHAM_IC_2 23716	44.79 2.93 0.00	40.95 2.54 0.00	40.16 2.38 0.00	39.41 2.09 0.00	40.46 2.11 0.00	46.08 2.77 0.00	57.24 3.24 0.00	94.85 1.12 -37.53	60.52 2.21 0.00	48.84 2.08 -1.64	49.68 2.45 -8.90	49.30 2.47 -8.86	45.42 2.16 -7.80	45.92 2.01 -8.03	44.29 2.46 -5.16	49.45 2.76 -4.85	54.06 3.43 -4.85	63.81 4.17 0.00	72.92 4.45 0.00	85.16 5.79 0.00	75.00 4.97 0.00	69.70 4.50 0.00	61.21 4.16 0.00	56.07 3.17 0.00
SISSONVILLE__ 23735	40.69 -1.17 0.00	37.07 -1.34 0.00	36.49 -1.28 0.00	36.05 -1.27 0.00	39.39 -1.34 -2.38	41.86 -1.56 -0.12	61.68 -2.11 -9.78	88.20 -2.14 -34.15	55.50 -2.80 0.00	42.78 -2.35 0.00	36.06 -2.26 0.00	35.66 -2.32 0.00	33.27 -2.20 0.00	33.62 -2.26 0.00	34.51 -2.16 0.00	39.57 -2.26 0.00	43.12 -2.65 0.00	61.65 -3.64 -5.65	115.80 -3.49 -50.82	130.95 -3.89 -55.47	133.98 -2.31 -66.26	92.47 -1.11 -28.37	69.86 -0.80 -13.60	59.54 -0.11 -6.75
SITHE_IND_GS1 24169	40.69 -1.17 0.00	37.30 -1.12 0.00	36.68 -1.10 0.00	36.23 -1.08 0.00	37.20 -1.15 0.00	41.96 -1.34 0.00	52.49 -1.51 0.00	54.68 -1.51 0.00	56.67 -1.63 0.00	43.81 -1.31 0.00	37.21 -1.11 0.00	36.87 -1.10 0.00	34.47 -0.99 0.00	34.88 -1.00 0.00	35.61 -1.06 0.00	40.58 -1.25 0.00	44.49 -1.28 0.00	58.03 -1.61 0.00	66.63 -1.85 0.00	77.23 -2.14 0.00	68.07 -1.96 0.00	63.38 -1.83 0.00	55.45 -1.60 0.00	51.47 -1.43 0.00
SITHE_IND_GS2 24170	40.69 -1.17 0.00	37.30 -1.12 0.00	36.68 -1.10 0.00	36.23 -1.08 0.00	37.20 -1.15 0.00	41.96 -1.34 0.00	52.49 -1.51 0.00	54.68 -1.51 0.00	56.67 -1.63 0.00	43.81 -1.31 0.00	37.21 -1.11 0.00	36.87 -1.10 0.00	34.47 -0.99 0.00	34.88 -1.00 0.00	35.61 -1.06 0.00	40.58 -1.25 0.00	44.49 -1.28 0.00	58.03 -1.61 0.00	66.63 -1.85 0.00	77.23 -2.14 0.00	68.07 -1.96 0.00	63.38 -1.83 0.00	55.45 -1.60 0.00	51.47 -1.43 0.00
SITHE_IND_GS3 24171	40.69 -1.17 0.00	37.30 -1.12 0.00	36.68 -1.10 0.00	36.23 -1.08 0.00	37.20 -1.15 0.00	41.96 -1.34 0.00	52.49 -1.51 0.00	54.68 -1.51 0.00	56.67 -1.63 0.00	43.81 -1.31 0.00	37.21 -1.11 0.00	36.87 -1.10 0.00	34.47 -0.99 0.00	34.88 -1.00 0.00	35.61 -1.06 0.00	40.58 -1.25 0.00	44.49 -1.28 0.00	58.03 -1.61 0.00	66.63 -1.85 0.00	77.23 -2.14 0.00	68.07 -1.96 0.00	63.38 -1.83 0.00	55.45 -1.60 0.00	51.47 -1.43 0.00

SITHE_IND_GS4 24172	40.69 -1.17 0.00	37.30 -1.12 0.00	36.68 -1.10 0.00	36.23 -1.08 0.00	37.20 -1.15 0.00	41.96 -1.34 0.00	52.49 -1.51 0.00	54.68 -1.51 0.00	56.67 -1.63 0.00	43.81 -1.31 0.00	37.21 -1.11 0.00	36.87 -1.10 0.00	34.47 -0.99 0.00	34.88 -1.00 0.00	35.61 -1.06 0.00	40.58 -1.25 0.00	44.49 -1.28 0.00	58.03 -1.61 0.00	66.63 -1.85 0.00	77.23 -2.14 0.00	68.07 -1.96 0.00	63.38 -1.83 0.00	55.45 -1.60 0.00	51.47 -1.43 0.00
SITHE__BATAVIA 24024	39.01 -2.85 0.00	35.50 -2.92 0.00	34.91 -2.87 0.00	34.37 -2.95 0.00	35.32 -3.03 0.00	39.60 -3.68 0.02	44.42 -3.89 5.69	46.64 -3.60 5.95	49.90 -4.31 4.09	41.73 -3.39 0.01	35.37 -2.95 0.00	34.35 -3.07 0.55	32.78 -2.66 0.02	32.24 -2.44 1.20	32.36 -2.79 1.52	34.23 -3.26 4.34	37.67 -3.34 4.76	49.27 -4.00 6.37	59.30 -4.31 4.87	68.13 -5.32 5.92	64.89 -4.90 0.24	60.04 -4.76 0.40	53.23 -3.82 0.00	49.78 -3.12 0.00
SITHE__INDEPEND 23800	40.69 -1.17 0.00	37.30 -1.11 0.00	36.68 -1.10 0.00	36.24 -1.08 0.00	37.20 -1.15 0.00	41.96 -1.34 0.00	52.49 -1.51 0.00	54.67 -1.52 0.00	56.67 -1.63 0.00	43.82 -1.31 0.00	37.21 -1.11 0.00	36.87 -1.10 0.00	34.47 -0.99 0.00	34.88 -1.00 0.00	35.61 -1.06 0.00	40.58 -1.25 0.00	44.45 -1.33 0.00	58.03 -1.61 0.00	66.63 -1.85 0.00	77.22 -2.14 0.00	68.07 -1.96 0.00	63.38 -1.83 0.00	55.45 -1.60 0.00	51.42 -1.48 0.00
SITHE__MASSENA 23902	41.90 0.04 0.00	38.19 -0.23 0.00	37.59 -0.19 0.00	37.13 -0.19 0.00	42.64 0.15 -4.14	43.55 0.04 -0.20	70.71 -0.16 -16.87	114.89 -0.17 -58.87	57.78 -0.53 0.00	44.81 -0.31 0.00	37.94 -0.38 0.00	37.44 -0.53 0.00	34.97 -0.50 0.00	35.31 -0.58 0.00	36.23 -0.44 0.00	41.41 -0.42 0.00	45.09 -0.69 0.00	68.12 -1.26 -9.74	155.00 -1.10 -87.62	173.81 -1.19 -95.63	184.12 -0.14 -114.24	112.53 0.20 -47.13	79.93 0.29 -22.60	63.36 0.58 -9.87
SITHE__OGDNSBRG 24021	41.86 0.00 0.00	38.15 -0.27 0.00	37.55 -0.23 0.00	37.09 -0.22 0.00	41.45 0.04 -3.06	43.41 -0.04 -0.15	66.32 -0.22 -12.53	99.72 -0.22 -43.75	57.25 -1.05 0.00	44.13 -0.99 0.00	37.25 -1.07 0.00	36.80 -1.18 0.00	34.33 -1.13 0.00	34.70 -1.18 0.00	35.64 -1.03 0.00	40.83 -1.00 0.00	44.49 -1.28 0.00	65.03 -1.85 -7.24	132.29 -1.30 -65.11	149.16 -1.27 -71.07	155.06 0.14 -84.89	102.27 0.72 -36.35	75.28 0.80 -17.43	62.24 1.38 -7.96
SITHE__STERLING 23777	42.28 0.42 0.00	38.80 0.38 0.00	38.16 0.38 0.00	37.65 0.34 0.00	38.92 0.42 -0.14	43.83 0.52 -0.01	55.56 0.97 -0.58	59.47 1.23 -2.04	59.29 0.99 0.00	45.53 0.41 0.00	38.44 0.12 0.00	38.17 0.19 0.00	35.61 0.14 0.00	36.06 0.18 0.00	36.85 0.18 0.00	42.25 0.42 0.00	46.42 0.64 0.00	61.05 1.07 -0.34	73.09 1.58 -3.04	84.74 2.06 -3.31	75.66 1.68 -3.96	68.69 1.56 -1.92	59.29 1.31 -0.92	54.47 1.16 -0.40
SLEIGHT__34_KV_TB1 80719	40.77 -1.09 0.00	37.23 -1.19 0.00	36.61 -1.17 0.00	36.16 -1.16 0.00	37.16 -1.19 0.00	41.88 -1.43 0.00	52.60 -1.40 0.00	55.12 -1.07 0.00	56.84 -1.46 0.00	44.09 -1.04 0.00	37.33 -1.00 0.00	36.84 -1.14 0.00	34.61 -0.85 0.00	35.02 -0.86 0.00	35.61 -1.06 0.00	40.62 -1.21 0.00	44.49 -1.28 0.00	58.32 -1.31 0.00	67.11 -1.37 0.00	77.62 -1.75 0.00	68.59 -1.54 -0.10	63.82 -1.56 -0.18	55.79 -1.26 0.00	51.79 -1.11 0.00
SMITHTWN_69_KV_BK 1 55830	44.79 2.93 0.00	40.99 2.57 0.00	40.23 2.46 0.00	39.48 2.16 0.00	40.58 2.22 0.00	45.77 2.47 0.00	57.78 3.78 0.00	95.91 2.19 -37.53	61.33 3.03 0.00	49.61 2.84 -1.64	49.98 2.76 -8.90	49.64 2.81 -8.86	45.92 2.66 -7.80	46.53 2.62 -8.03	44.77 2.93 -5.16	49.95 3.26 -4.85	54.51 3.89 -4.85	64.35 4.71 0.00	73.68 5.20 0.00	86.03 6.67 0.00	75.35 5.32 0.00	69.51 4.30 0.00	61.04 3.99 0.00	56.07 3.17 0.00
SOUTH CAIRO__GT 23612	44.00 2.13 0.00	40.42 2.00 0.00	39.78 2.00 0.00	39.30 1.98 0.00	40.31 1.96 0.00	45.60 2.30 0.00	56.49 2.48 0.00	72.43 2.08 -14.16	60.23 1.92 0.00	46.47 0.90 -0.45	41.35 0.61 -2.41	40.87 0.49 -2.40	37.93 0.35 -2.11	38.38 0.32 -2.18	38.47 0.40 -1.40	43.77 0.63 -1.32	48.18 1.05 -1.35	61.72 2.09 0.00	71.42 2.94 0.00	83.18 3.81 0.00	73.04 3.01 0.00	67.88 2.67 0.00	59.50 2.45 0.00	55.12 2.22 0.00
SOUTH HAMPTN__IC 23720	44.92 3.05 0.00	41.07 2.65 0.00	40.23 2.45 0.00	39.44 2.13 0.00	40.50 2.15 0.00	46.16 2.86 0.00	57.46 3.46 0.00	95.13 1.41 -37.53	60.75 2.45 0.00	48.98 2.21 -1.64	49.79 2.57 -8.90	49.38 2.54 -8.86	45.74 2.48 -7.80	46.31 2.40 -8.03	44.62 2.79 -5.16	49.57 2.88 -4.85	54.20 3.57 -4.85	64.05 4.41 0.00	73.27 4.79 0.00	85.63 6.27 0.00	75.28 5.25 0.00	69.96 4.76 0.00	61.38 4.33 0.00	56.23 3.33 0.00
SOUTH DOW__115KV_TB1 355954	37.26 -4.60 0.00	33.92 -4.50 0.00	33.51 -4.27 0.00	32.88 -4.44 0.00	33.79 -4.56 0.00	38.55 -4.72 0.03	38.73 -5.35 9.93	40.92 -4.89 10.38	45.98 -5.19 7.13	40.83 -4.29 0.01	34.49 -3.83 0.00	33.30 -3.72 0.95	32.10 -3.33 0.03	30.71 -3.09 2.08	30.73 -3.30 2.64	30.49 -3.76 7.57	33.30 -4.17 8.31	44.05 -4.47 11.12	55.26 -4.72 8.49	63.96 -5.08 10.32	64.65 -4.83 0.55	59.58 -4.69 0.93	53.34 -3.71 0.00	49.36 -3.54 0.00
SOUTH DOW__69_KV_BK 2 55809	45.00 3.14 0.00	41.11 2.69 0.00	40.27 2.49 0.00	39.44 2.13 0.00	40.50 2.15 0.00	45.64 2.34 0.00	57.57 3.56 0.00	95.30 1.57 -37.53	60.81 2.51 0.00	49.02 2.26 -1.64	49.83 2.61 -8.90	49.42 2.58 -8.86	45.78 2.52 -7.80	46.31 2.40 -8.03	44.62 2.79 -5.16	49.61 2.93 -4.85	54.28 3.66 -4.85	64.17 4.53 0.00	73.47 5.00 0.00	86.03 6.67 0.00	75.49 5.46 0.00	69.64 4.43 0.00	61.10 4.05 0.00	55.70 2.80 0.00
SOUTH DOW__IC 23719	45.00 3.14 0.00	41.11 2.69 0.00	40.27 2.49 0.00	39.48 2.16 0.00	40.50 2.15 0.00	46.16 2.86 0.00	57.57 3.56 0.00	95.29 1.57 -37.53	60.81 2.51 0.00	49.02 2.26 -1.64	49.83 2.61 -8.90	49.42 2.58 -8.86	45.74 2.48 -7.80	46.31 2.40 -8.03	44.62 2.79 -5.16	49.61 2.93 -4.85	54.29 3.66 -4.85	64.17 4.53 0.00	73.47 5.00 0.00	85.95 6.58 0.00	75.56 5.53 0.00	70.10 4.89 0.00	61.56 4.51 0.00	56.34 3.44 0.00
SOUTH_FORK_WT_PWR 323839	44.71 2.85 0.00	40.84 2.42 0.00	39.93 2.15 0.00	39.15 1.83 0.00	40.15 1.80 0.00	45.77 2.47 0.00	57.03 3.02 0.00	94.73 1.01 -37.53	60.22 1.92 0.00	48.53 1.76 -1.64	49.52 2.30 -8.90	49.07 2.24 -8.86	45.46 2.20 -7.80	45.99 2.08 -8.03	44.33 2.49 -5.16	49.28 2.59 -4.85	53.92 3.30 -4.85	63.57 3.94 0.00	72.79 4.32 0.00	85.16 5.79 0.00	74.86 4.83 0.00	69.44 4.24 0.00	60.98 3.93 0.00	55.81 2.91 0.00
SPIERFLS_115KV_TB 1 80737	42.45 0.59 0.00	39.11 0.69 0.00	38.42 0.64 0.00	37.95 0.63 0.00	38.93 0.58 0.00	44.08 0.78 0.00	55.35 1.35 0.00	67.56 1.18 -10.19	59.35 1.05 0.00	46.06 0.54 -0.39	40.77 0.31 -2.14	40.44 0.34 -2.13	37.51 0.18 -1.87	37.81 0.00 -1.93	37.98 0.07 -1.24	43.25 0.25 -1.17	47.59 0.60 -1.22	61.01 1.37 0.00	70.39 1.92 0.00	82.06 2.70 0.00	72.13 2.10 0.00	66.83 1.63 0.00	58.36 1.31 0.00	53.91 1.01 0.00

ST LAWRENCE____ 23600	41.32 -0.55 0.00	37.77 -0.65 0.00	37.14 -0.64 0.00	36.72 -0.60 0.00	37.57 -0.38 0.40	42.77 -0.52 0.02	51.60 -0.92 1.48	50.17 -0.96 5.06	57.07 -1.23 0.00	44.31 -0.81 0.00	37.59 -0.73 0.00	37.10 -0.87 0.00	34.65 -0.81 0.00	35.02 -0.86 0.00	35.86 -0.81 0.00	40.95 -0.88 0.00	44.68 -1.10 0.00	56.88 -1.85 0.90	59.00 -1.85 7.63	68.90 -2.14 8.33	58.96 -1.12 9.95	59.65 -0.72 4.84	54.04 -0.51 2.50	51.64 -0.16 1.11
STATE_CA_115KV_115_LB 55624	43.37 1.51 0.00	39.88 1.46 0.00	39.21 1.44 0.00	38.70 1.38 0.00	39.65 1.30 0.00	44.86 1.56 0.00	55.25 1.24 0.00	68.68 0.73 -11.75	59.41 1.11 0.00	46.39 0.81 -0.45	41.58 0.80 -2.45	41.21 0.80 -2.44	38.28 0.67 -2.14	38.66 0.57 -2.21	38.71 0.62 -1.42	43.96 0.79 -1.34	48.08 0.92 -1.39	60.83 1.19 0.00	69.71 1.23 0.00	80.72 1.35 0.00	70.80 0.77 0.00	65.99 0.78 0.00	57.79 0.74 0.00	53.48 0.58 0.00
STATE_ST_34_KV_LOAD 55959	41.69 -0.17 0.00	38.19 -0.23 0.00	37.55 -0.23 0.00	37.09 -0.22 0.00	38.08 -0.27 0.00	43.09 -0.22 0.00	55.30 0.05 -1.24	57.71 0.22 -1.30	59.19 0.00 -0.89	45.04 -0.09 0.00	38.17 -0.15 0.00	37.87 -0.23 -0.12	35.33 -0.14 0.00	36.07 -0.07 -0.26	36.85 -0.15 -0.33	42.61 -0.17 -0.95	46.68 -0.14 -1.04	61.26 0.24 -1.39	69.88 0.34 -1.06	81.21 0.56 -1.29	70.41 0.28 -0.10	65.57 0.20 -0.17	57.22 0.17 0.00	53.01 0.11 0.00
STATION_5_MISC_HYD 23604	40.31 -1.55 0.00	36.81 -1.61 0.00	36.12 -1.66 0.00	35.68 -1.64 0.00	36.66 -1.69 0.00	41.18 -2.12 0.00	51.69 -2.32 -0.01	54.23 -1.97 -0.01	55.91 -2.39 -0.01	43.46 -1.67 0.00	36.87 -1.46 0.00	36.27 -1.71 0.00	34.19 -1.28 0.00	34.59 -1.29 0.00	35.10 -1.58 0.00	40.04 -1.80 -0.01	43.95 -1.83 -0.01	57.50 -2.14 -0.01	66.15 -2.33 -0.01	76.44 -2.93 -0.01	67.56 -2.59 -0.12	62.86 -2.54 -0.20	55.00 -2.05 0.00	51.26 -1.64 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.81 -1.05 0.00	37.23 -1.19 0.00	36.64 -1.13 0.00	36.16 -1.16 0.00	37.16 -1.19 0.00	41.92 -1.39 0.00	52.60 -1.40 0.00	55.07 -1.12 0.00	56.79 -1.52 0.00	44.09 -1.04 0.00	37.36 -0.96 0.00	36.84 -1.14 0.00	34.61 -0.85 0.00	35.06 -0.83 0.00	35.61 -1.06 0.00	40.62 -1.21 0.00	44.49 -1.28 0.00	58.38 -1.25 0.00	67.11 -1.37 0.00	77.70 -1.67 0.00	68.64 -1.54 -0.15	63.89 -1.56 -0.25	55.85 -1.20 0.00	51.90 -1.01 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	40.19 -1.67 0.00	36.61 -1.81 0.00	36.00 -1.78 0.00	35.56 -1.75 0.00	36.55 -1.80 0.00	41.05 -2.25 0.00	51.53 -2.48 -0.01	54.06 -2.14 -0.01	55.74 -2.57 0.00	43.36 -1.76 0.00	36.79 -1.53 0.00	36.19 -1.78 0.00	34.12 -1.35 0.00	34.48 -1.40 0.00	35.02 -1.65 0.00	39.91 -1.92 0.00	43.72 -2.06 -0.01	57.32 -2.33 -0.01	65.88 -2.60 -0.01	76.12 -3.25 -0.01	67.34 -2.80 -0.12	62.66 -2.74 -0.20	54.83 -2.22 0.00	50.94 -1.96 0.00
STA_56____34_KV_BUS2 355983	40.19 -1.67 0.00	36.61 -1.81 0.00	36.00 -1.78 0.00	35.56 -1.75 0.00	36.55 -1.80 0.00	41.05 -2.25 0.00	51.53 -2.48 -0.01	54.06 -2.14 -0.01	55.74 -2.57 0.00	43.36 -1.76 0.00	36.79 -1.53 0.00	36.19 -1.78 0.00	34.12 -1.35 0.00	34.48 -1.40 0.00	35.02 -1.65 0.00	39.91 -1.92 0.00	43.72 -2.06 -0.01	57.32 -2.33 -0.01	65.88 -2.60 -0.01	76.12 -3.25 -0.01	67.34 -2.80 -0.12	62.66 -2.74 -0.20	54.83 -2.22 0.00	50.94 -1.96 0.00
STA_67____115KV_BK2 355882	40.27 -1.59 0.00	36.65 -1.77 0.00	36.08 -1.70 0.00	35.60 -1.72 0.00	36.59 -1.76 0.00	41.10 -2.21 0.00	51.58 -2.43 -0.01	54.06 -2.14 -0.01	55.74 -2.57 -0.01	43.36 -1.76 0.00	36.79 -1.53 0.00	36.19 -1.78 0.00	34.12 -1.35 0.00	34.52 -1.36 0.00	35.02 -1.65 0.00	39.91 -1.92 -0.01	43.72 -2.06 -0.01	57.32 -2.33 -0.01	65.95 -2.53 -0.01	76.20 -3.17 -0.01	67.34 -2.80 -0.12	62.66 -2.74 -0.20	54.88 -2.17 0.00	51.00 -1.90 0.00
STA_7____115KV_9TRANS 80674	40.52 -1.34 0.00	36.88 -1.54 0.00	36.27 -1.51 0.00	35.82 -1.49 0.00	36.82 -1.53 0.00	41.40 -1.91 0.00	51.96 -2.05 -0.01	54.57 -1.63 -0.01	56.21 -2.10 -0.01	43.73 -1.40 0.00	37.06 -1.26 0.00	36.46 -1.52 0.00	34.40 -1.06 0.00	34.81 -1.08 0.00	35.28 -1.39 0.00	40.25 -1.59 -0.01	44.13 -1.65 -0.01	57.86 -1.79 -0.01	66.56 -1.92 -0.01	76.83 -2.54 -0.01	67.97 -2.17 -0.12	63.25 -2.15 -0.20	55.34 -1.71 0.00	51.42 -1.48 0.00
STA_82____115KV_TB1 80780	40.23 -1.63 0.00	36.61 -1.81 0.00	36.04 -1.74 0.00	35.56 -1.75 0.00	36.55 -1.80 0.00	41.05 -2.25 0.00	51.53 -2.48 -0.01	54.01 -2.19 -0.01	55.68 -2.62 -0.01	43.32 -1.80 0.00	36.75 -1.57 0.00	36.15 -1.82 0.00	34.08 -1.38 0.00	34.45 -1.44 0.00	34.98 -1.69 0.00	39.87 -1.97 -0.01	43.68 -2.11 -0.01	57.26 -2.39 -0.01	65.88 -2.60 -0.01	76.12 -3.25 -0.01	67.28 -2.87 -0.12	62.61 -2.80 -0.21	54.83 -2.22 0.00	50.94 -1.96 0.00
STEEL____WIND 323596	37.63 -4.23 0.00	34.31 -4.11 0.00	33.74 -4.04 0.00	33.17 -4.14 0.00	34.02 -4.33 0.04	38.37 -4.89 0.04	37.27 -5.67 11.06	39.06 -5.56 11.57	44.47 -5.89 7.94	40.47 -4.65 0.01	34.38 -3.95 0.00	32.96 -3.95 1.06	31.88 -3.55 0.04	30.29 -3.26 2.32	30.21 -3.52 2.94	29.21 -4.18 8.44	32.08 -4.44 9.25	41.88 -5.37 12.39	52.92 -6.09 9.46	60.64 -7.22 11.50	62.59 -6.86 0.57	57.65 -6.58 0.97	51.69 -5.36 0.00	48.24 -4.66 0.00
STEPHTWN_115KV_BK_2 55603	43.49 1.63 0.00	39.99 1.58 0.00	39.29 1.51 0.00	38.81 1.49 0.00	39.77 1.42 0.00	45.04 1.73 0.00	55.52 1.51 0.00	69.12 1.07 -11.86	59.64 1.34 0.00	46.53 0.95 -0.45	41.66 0.88 -2.46	41.29 0.87 -2.45	38.36 0.74 -2.15	38.74 0.65 -2.22	38.79 0.70 -1.43	44.09 0.92 -1.34	48.27 1.10 -1.39	61.19 1.55 0.00	70.12 1.64 0.00	81.27 1.90 0.00	71.36 1.33 0.00	66.38 1.17 0.00	58.19 1.14 0.00	53.80 0.90 0.00
STEBEN_REC_LFGE 323667	38.14 -3.73 0.00	34.69 -3.73 0.00	34.11 -3.66 0.00	33.59 -3.73 0.00	34.44 -3.91 0.00	39.19 -4.20 -0.08	73.98 -4.75 -24.73	77.44 -4.61 -25.86	70.69 -5.36 -17.76	40.73 -4.42 -0.03	34.45 -3.87 0.00	36.43 -3.91 -2.36	32.00 -3.55 -0.08	37.84 -3.23 -5.19	39.79 -3.45 -6.57	57.01 -3.68 -18.86	62.20 -4.26 -20.69	83.28 -4.06 -27.69	85.50 -4.11 -21.14	100.79 -4.29 -25.71	67.49 -4.13 -1.59	64.19 -3.72 -2.70	54.08 -2.97 0.00	50.41 -2.49 0.00
STILLWATER____SOLAR 323814	43.08 1.21 0.00	39.65 1.23 0.00	38.95 1.17 0.00	38.48 1.16 0.00	39.46 1.11 0.00	44.69 1.39 0.00	55.89 1.89 0.00	68.32 1.68 -10.45	59.99 1.69 0.00	46.61 1.08 -0.40	41.32 0.81 -2.19	40.95 0.80 -2.18	38.05 0.67 -1.92	38.40 0.54 -1.98	38.56 0.62 -1.27	43.91 0.88 -1.19	48.17 1.14 -1.25	61.54 1.91 0.00	70.87 2.40 0.00	82.38 3.02 0.00	72.33 2.31 0.00	67.23 2.02 0.00	58.76 1.71 0.00	54.33 1.43 0.00
STONY____BROOK 24151	44.83 2.97 0.00	40.99 2.57 0.00	40.20 2.42 0.00	39.48 2.16 0.00	40.54 2.18 0.00	46.16 2.86 0.00	57.73 3.72 0.00	95.86 2.13 -37.53	61.33 3.03 0.00	49.57 2.80 -1.64	49.98 2.76 -8.90	49.61 2.77 -8.86	45.88 2.62 -7.80	46.53 2.62 -8.03	44.77 2.93 -5.16	49.91 3.22 -4.85	54.47 3.85 -4.85	64.23 4.59 0.00	73.47 5.00 0.00	85.72 6.35 0.00	75.21 5.18 0.00	69.70 4.50 0.00	61.21 4.16 0.00	56.44 3.54 0.00

STURGEON_POOL_HYD 23609	43.37 1.51 0.00	39.80 1.38 0.00	39.18 1.40 0.00	38.62 1.31 0.00	39.58 1.23 0.00	44.73 1.43 0.00	56.33 2.32 0.00	81.35 2.19 -22.97	60.69 2.39 0.00	47.51 1.94 -0.45	42.44 1.69 -2.44	42.11 1.71 -2.42	39.12 1.52 -2.13	39.69 1.61 -2.20	39.77 1.69 -1.41	45.08 1.92 -1.33	49.25 2.20 -1.28	62.74 3.10 0.00	72.04 3.56 0.00	83.49 4.13 0.00	73.04 3.01 0.00	67.81 2.61 0.00	59.39 2.34 0.00	54.80 1.90 0.00
ST_LAW_115_BK7_LBMP 345037	41.32 -0.55 0.00	37.73 -0.69 0.00	37.14 -0.64 0.00	36.68 -0.63 0.00	37.51 -0.38 0.46	42.76 -0.52 0.02	51.25 -0.92 1.83	48.83 -0.96 6.40	57.02 -1.28 0.00	44.31 -0.81 0.00	37.56 -0.77 0.00	37.06 -0.91 0.00	34.61 -0.85 0.00	34.99 -0.90 0.00	35.83 -0.84 0.00	40.95 -0.88 0.00	44.63 -1.14 0.00	56.67 -1.91 1.06	57.03 -1.92 9.53	66.74 -2.22 10.40	56.48 -1.12 12.43	58.44 -0.72 6.04	53.64 -0.51 2.90	51.48 -0.16 1.27
ST_LAW_115_BK8_LBMP 345038	41.32 -0.55 0.00	37.73 -0.69 0.00	37.14 -0.64 0.00	36.68 -0.63 0.00	37.51 -0.38 0.46	42.76 -0.52 0.02	51.25 -0.92 1.83	48.83 -0.96 6.40	57.02 -1.28 0.00	44.31 -0.81 0.00	37.56 -0.77 0.00	37.06 -0.91 0.00	34.61 -0.85 0.00	34.99 -0.90 0.00	35.83 -0.84 0.00	40.95 -0.88 0.00	44.63 -1.14 0.00	56.67 -1.91 1.06	57.03 -1.92 9.53	66.74 -2.22 10.40	56.48 -1.12 12.43	58.44 -0.72 6.04	53.64 -0.51 2.90	51.48 -0.16 1.27
ST_LAW_230_BK5_LBMP 345035	41.32 -0.55 0.00	37.77 -0.65 0.00	37.14 -0.64 0.00	36.72 -0.60 0.00	37.65 -0.38 0.32	42.77 -0.52 0.02	51.81 2.11 1.27	50.79 1.97 4.44	57.07 -1.23 0.00	44.31 -0.81 0.00	37.59 -0.73 0.00	37.10 -0.87 0.00	34.65 -0.81 0.00	35.02 -0.86 0.00	35.86 -0.81 0.00	40.95 -0.88 0.00	44.68 -1.10 0.00	57.05 -1.85 0.74	60.01 -1.85 6.62	70.01 -2.14 7.22	60.28 -1.12 8.62	60.29 -0.72 4.19	54.52 -0.51 2.01	51.86 -0.16 0.88
ST_LAW_230_BK6_LBMP 345036	41.32 -0.55 0.00	37.77 -0.65 0.00	37.14 -0.64 0.00	36.72 -0.60 0.00	37.65 -0.38 0.32	42.77 -0.52 0.02	51.81 2.11 1.27	50.79 1.97 4.44	57.07 -1.23 0.00	44.31 -0.81 0.00	37.59 -0.73 0.00	37.10 -0.87 0.00	34.65 -0.81 0.00	35.02 -0.86 0.00	35.86 -0.81 0.00	40.95 -0.88 0.00	44.68 -1.10 0.00	57.05 -1.85 0.74	60.01 -1.85 6.62	70.01 -2.14 7.22	60.28 -1.12 8.62	60.29 -0.72 4.19	54.52 -0.51 2.01	51.86 -0.16 0.88
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	43.24 1.38 0.00	39.69 1.27 0.00	39.06 1.28 0.00	38.47 1.16 0.00	39.42 1.07 0.00	44.60 1.30 0.00	56.11 2.11 0.00	102.07 1.97 -43.92	60.46 2.16 0.00	50.64 1.80 -3.71	60.05 1.61 -20.12	59.64 1.63 -20.03	54.58 1.49 -17.62	55.61 1.58 -18.15	49.95 1.61 -11.67	54.64 1.84 -10.97	59.15 2.01 -11.36	62.38 2.74 0.00	71.56 3.08 0.00	82.94 3.57 0.00	72.55 2.52 0.00	67.36 2.15 0.00	58.93 1.88 0.00	54.38 1.48 0.00
SWANROAD_115KV_TB1 355699	36.71 -5.15 0.00	33.35 -5.07 0.00	32.87 -4.91 0.00	32.28 -5.04 0.00	33.10 -5.25 0.00	36.95 -6.32 0.03	38.31 -7.29 8.40	39.82 -7.59 8.78	44.34 -7.93 6.03	39.02 -6.09 0.01	33.23 -5.10 0.00	32.18 -4.97 0.82	30.83 -4.61 0.03	29.91 -4.20 1.77	29.92 -4.51 2.24	29.98 -5.44 6.41	32.66 -6.09 7.03	42.78 -7.45 9.41	52.60 -8.70 7.18	60.08 -10.56 8.73	59.77 -9.80 0.45	55.11 -9.32 0.77	49.46 -7.59 0.00	46.29 -6.61 0.00
SYNERGY__BIOGAS 323694	39.01 -2.85 0.00	35.42 -3.00 0.00	34.91 -2.87 0.00	34.33 -2.99 0.00	35.28 -3.07 0.00	39.65 -3.64 0.02	44.37 -3.94 5.69	46.59 -3.65 5.95	49.90 -4.31 4.09	41.78 -3.34 0.01	35.37 -2.95 0.00	34.35 -3.08 0.55	32.78 -2.66 0.02	32.24 -2.44 1.20	32.37 -2.79 1.52	34.18 -3.30 4.34	37.49 -3.52 4.76	49.27 -4.00 6.37	59.23 -4.38 4.87	68.05 -5.40 5.92	64.82 -4.97 0.24	59.98 -4.83 0.40	53.23 -3.82 0.00	49.57 -3.33 0.00
SYRACUSE__ENERGY_ST1 323597	41.65 -0.21 0.00	38.19 -0.23 0.00	37.55 -0.23 0.00	37.09 -0.22 0.00	38.18 -0.23 -0.06	43.05 -0.26 0.00	53.90 -0.11 0.00	56.25 0.06 0.00	58.24 -0.06 0.00	44.99 -0.14 0.00	38.17 -0.15 0.00	37.78 -0.19 0.00	35.36 -0.11 0.00	35.77 -0.11 0.00	36.52 -0.15 0.00	41.66 -0.17 0.00	45.64 -0.14 0.00	59.70 0.06 0.00	68.48 0.00 0.00	79.45 0.08 0.00	69.96 -0.07 0.00	65.14 -0.07 0.00	56.99 -0.06 0.00	52.94 -0.11 -0.15
SYRACUSE__ENERGY_ST2 323598	41.65 -0.21 0.00	38.19 -0.23 0.00	37.55 -0.23 0.00	37.09 -0.22 0.00	38.18 -0.23 -0.06	43.05 -0.26 0.00	53.90 -0.11 0.00	56.25 0.06 0.00	58.24 -0.06 0.00	44.99 -0.14 0.00	38.17 -0.15 0.00	37.78 -0.19 0.00	35.36 -0.11 0.00	35.77 -0.11 0.00	36.52 -0.15 0.00	41.66 -0.17 0.00	45.64 -0.14 0.00	59.70 0.06 0.00	68.48 0.00 0.00	79.45 0.08 0.00	69.96 -0.07 0.00	65.14 -0.07 0.00	56.99 -0.06 0.00	52.94 -0.11 -0.15
SYRACUSE__POWER 24017	41.61 -0.25 0.00	38.15 -0.27 0.00	37.48 -0.30 0.00	37.02 -0.30 0.00	38.07 -0.35 -0.06	42.96 -0.35 0.00	53.84 -0.16 0.00	56.13 -0.06 0.00	58.18 -0.12 0.00	44.94 -0.18 0.00	38.13 -0.19 0.00	37.75 -0.23 0.00	35.29 -0.18 0.00	35.74 -0.14 0.00	36.49 -0.18 0.00	41.62 -0.21 0.00	45.59 -0.18 0.00	59.58 -0.06 0.00	68.41 -0.07 0.00	79.37 0.00 0.00	69.89 -0.14 0.00	65.01 -0.20 0.00	56.88 -0.17 0.00	52.78 -0.26 -0.15
TALLMAN__138KV_BK151 55660	43.45 1.59 0.00	39.84 1.42 0.00	39.21 1.44 0.00	38.62 1.31 0.00	39.58 1.23 0.00	44.82 1.52 0.00	56.43 2.43 0.00	110.36 2.25 -51.93	60.87 2.57 0.00	50.19 2.26 -2.81	55.55 1.99 -15.23	55.15 2.01 -15.16	50.65 1.84 -13.34	51.56 1.94 -13.74	47.48 1.98 -8.83	52.40 2.26 -8.31	56.71 2.43 -8.51	62.86 3.22 0.00	72.04 3.56 0.00	83.49 4.13 0.00	72.97 2.94 0.00	67.68 2.48 0.00	59.22 2.17 0.00	54.59 1.69 0.00
TEALLAVE_115KV_TB7 355573	41.44 -0.42 0.00	38.00 -0.42 0.00	37.36 -0.42 0.00	36.91 -0.41 0.00	37.96 -0.46 -0.07	42.79 -0.52 0.00	53.86 -0.38 -0.24	56.74 -0.28 -0.83	57.95 -0.35 0.00	44.81 -0.32 0.00	38.02 -0.31 0.00	37.63 -0.34 0.00	35.22 -0.25 0.00	35.67 -0.22 0.00	36.38 -0.29 0.00	41.50 -0.33 0.00	45.41 -0.37 0.00	59.48 -0.30 -0.14	69.30 -0.41 -1.24	80.32 -0.40 -1.35	71.08 -0.56 -1.61	65.37 -0.52 -0.69	56.92 -0.46 -0.33	52.59 -0.48 -0.16
TELGRAPH_34_KV_EAST 80808	38.01 -3.85 0.00	34.50 -3.92 0.00	34.00 -3.78 0.00	33.44 -3.88 0.00	34.32 -4.03 0.00	38.47 -4.81 0.02	41.72 -5.40 6.89	43.60 -5.39 7.20	47.53 -5.83 4.95	40.65 -4.47 0.01	34.49 -3.83 0.00	33.44 -3.87 0.67	32.00 -3.44 0.02	31.27 -3.16 1.45	31.35 -3.48 1.83	32.40 -4.18 5.25	35.39 -4.62 5.76	46.44 -5.49 7.71	56.36 -6.23 5.89	64.67 -7.54 7.16	62.70 -7.00 0.32	57.94 -6.72 0.55	51.63 -5.42 0.00	48.14 -4.76 0.00
TEMPLE__115KV_TB 2 55572	41.48 -0.38 0.00	38.03 -0.38 0.00	37.40 -0.38 0.00	36.94 -0.37 0.00	38.00 -0.42 -0.07	42.83 -0.48 0.00	53.91 -0.32 -0.23	56.78 -0.22 -0.81	58.01 -0.29 0.00	44.85 -0.27 0.00	38.05 -0.27 0.00	37.71 -0.27 0.00	35.25 -0.21 0.00	35.70 -0.18 0.00	36.41 -0.26 0.00	41.54 -0.29 0.00	45.50 -0.27 0.00	59.53 -0.24 -0.13	69.34 -0.34 -1.20	80.36 -0.32 -1.31	71.18 -0.42 -1.57	65.42 -0.46 -0.67	56.97 -0.40 -0.32	52.64 -0.42 -0.16

TIANA___69_KV_BK 1 55817	44.88 3.01 0.00	41.07 2.65 0.00	40.23 2.46 0.00	39.48 2.16 0.00	40.58 2.22 0.00	45.64 2.34 0.00	57.51 3.51 0.00	95.18 1.46 -37.53	60.81 2.51 0.00	49.07 2.30 -1.64	49.79 2.57 -8.90	49.42 2.58 -8.86	45.78 2.52 -7.80	46.35 2.44 -8.03	44.66 2.82 -5.16	49.61 2.93 -4.85	54.24 3.62 -4.85	64.11 4.47 0.00	73.34 4.86 0.00	85.72 6.35 0.00	75.35 5.32 0.00	69.57 4.37 0.00	61.04 3.99 0.00	55.65 2.75 0.00
TILDEN___115KV_TB1 80814	41.61 -0.25 0.00	38.15 -0.27 0.00	37.48 -0.30 0.00	37.02 -0.30 0.00	38.07 -0.35 -0.06	42.96 -0.35 0.00	53.84 -0.16 0.00	56.13 -0.06 0.00	58.18 -0.12 0.00	44.94 -0.18 0.00	38.13 -0.19 0.00	37.75 -0.23 0.00	35.29 -0.18 0.00	35.74 -0.14 0.00	36.49 -0.18 0.00	41.62 -0.21 0.00	45.59 -0.18 0.00	59.58 -0.06 0.00	68.41 -0.07 0.00	79.37 0.00 0.00	69.89 -0.14 0.00	65.01 -0.20 0.00	56.88 -0.17 0.00	52.78 -0.26 -0.15
TRIGEN___CC 323695	44.12 2.26 0.00	40.46 2.04 0.00	39.74 1.96 0.00	39.03 1.72 0.00	40.08 1.73 0.00	45.30 1.99 0.00	57.14 3.13 0.00	95.69 1.97 -37.53	61.04 2.74 0.00	49.38 2.62 -1.64	49.68 2.45 -8.90	49.34 2.51 -8.86	45.60 2.34 -7.80	46.24 2.33 -8.03	44.36 2.53 -5.16	49.57 2.89 -4.85	53.96 3.34 -4.85	63.75 4.11 0.00	73.13 4.66 0.00	85.00 5.63 0.00	74.44 4.41 0.00	68.86 3.65 0.00	60.24 3.19 0.00	55.44 2.54 0.00
TRINITY___115KV___4 BK 55933	43.20 1.34 0.00	39.73 1.31 0.00	39.06 1.28 0.00	38.55 1.23 0.00	39.50 1.15 0.00	44.69 1.39 0.00	55.08 1.08 0.00	68.61 0.62 -11.80	59.23 0.93 0.00	46.25 0.68 -0.45	41.51 0.73 -2.45	41.14 0.72 -2.44	38.22 0.60 -2.15	38.60 0.50 -2.21	38.64 0.55 -1.42	43.84 0.67 -1.34	47.94 0.78 -1.39	60.65 1.01 0.00	69.43 0.96 0.00	80.40 1.03 0.00	70.59 0.56 0.00	65.73 0.52 0.00	57.62 0.57 0.00	53.27 0.37 0.00
UNION___PROCESSING_DRP 323587	40.23 -1.63 0.00	36.65 -1.77 0.00	36.04 -1.74 0.00	35.56 -1.75 0.00	36.55 -1.80 0.00	41.05 -2.25 0.00	51.53 -2.48 -0.01	54.01 -2.19 -0.01	55.68 -2.62 -0.01	43.32 -1.80 0.00	36.75 -1.57 0.00	36.15 -1.82 0.00	34.08 -1.38 0.00	34.45 -1.44 0.00	34.98 -1.69 0.00	39.87 -1.97 -0.01	43.68 -2.11 -0.01	57.26 -2.39 -0.01	65.88 -2.60 -0.01	76.12 -3.25 -0.01	67.27 -2.87 -0.11	62.59 -2.80 -0.19	54.83 -2.22 0.00	51.00 -1.90 0.00
UPPER HUDSON___HYD 24058	42.45 0.59 0.00	39.07 0.65 0.00	38.42 0.64 0.00	37.95 0.63 0.00	38.93 0.58 0.00	44.13 0.82 0.00	55.35 1.35 0.00	67.56 1.18 -10.19	59.35 1.05 0.00	46.06 0.54 -0.39	40.77 0.31 -2.14	40.44 0.34 -2.13	37.51 0.18 -1.87	37.81 0.00 -1.93	37.98 0.07 -1.24	43.25 0.25 -1.17	47.54 0.55 -1.22	61.01 1.37 0.00	70.39 1.91 0.00	82.07 2.70 0.00	72.13 2.10 0.00	66.90 1.69 0.00	58.42 1.37 0.00	53.96 1.06 0.00
UPPER RAQUET___HYD 24056	40.69 -1.17 0.00	37.07 -1.35 0.00	36.49 -1.28 0.00	36.05 -1.27 0.00	39.39 -1.34 -2.38	41.82 -1.60 -0.12	61.68 -2.11 -9.78	88.20 -2.14 -34.15	55.45 -2.86 0.00	42.73 -2.39 0.00	36.06 -2.26 0.00	35.66 -2.32 0.00	33.27 -2.20 0.00	33.62 -2.26 0.00	34.51 -2.16 0.00	39.57 -2.26 0.00	43.12 -2.66 0.00	61.65 -3.64 -5.65	115.81 -3.49 -50.82	131.03 -3.81 -55.47	133.91 -2.38 -66.26	96.32 -1.11 -32.22	71.59 -0.91 -15.45	59.07 -0.58 -6.75
VALLEY44_115KV_TB2 355964	38.34 -3.52 0.00	34.88 -3.53 0.00	34.42 -3.36 0.00	33.85 -3.47 0.00	34.71 -3.64 0.00	40.16 -3.12 0.03	41.47 -3.56 8.97	43.33 -3.48 9.38	48.13 -3.73 6.44	41.82 -3.29 0.01	35.41 -2.91 0.00	34.61 -2.51 0.86	32.95 -2.48 0.03	32.06 -1.94 1.88	32.12 -2.16 2.38	32.40 -2.59 6.84	35.34 -2.93 7.50	46.37 -3.22 10.04	57.18 -3.63 7.66	65.68 -4.37 9.32	64.74 -4.76 0.52	59.62 -4.69 0.89	53.23 -3.82 0.00	49.20 -3.70 0.00
VALLEY___115KV_TB 1-4 80826	41.32 -0.54 0.00	37.92 -0.50 0.00	37.29 -0.49 0.00	36.83 -0.49 0.00	37.92 -0.50 -0.06	42.70 -0.61 0.00	53.57 -0.70 -0.27	56.40 -0.73 -0.94	57.48 -0.82 0.00	44.36 -0.77 0.00	37.63 -0.69 0.00	37.33 -0.65 0.00	34.83 -0.64 0.00	35.27 -0.61 0.00	36.01 -0.66 0.00	41.16 -0.67 0.00	45.13 -0.64 0.00	59.02 -0.78 -0.16	69.12 -0.75 -1.40	80.18 -0.71 -1.52	71.22 -0.63 -1.82	65.46 -0.52 -0.78	57.08 -0.34 -0.37	52.72 -0.37 -0.19
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	42.99 1.13 0.00	39.49 1.08 0.00	38.84 1.06 0.00	38.33 1.01 0.00	39.46 1.11 0.00	44.52 1.21 0.00	55.95 1.94 7.45	50.99 2.25 0.00	60.57 2.27 0.30	46.18 1.35 0.30	37.64 0.92 1.60	37.48 1.10 1.60	35.02 0.96 1.40	35.48 1.04 1.45	36.80 1.06 0.93	42.34 1.38 0.87	46.49 1.65 0.93	61.96 2.33 0.00	71.28 2.81 0.00	82.70 3.33 0.00	72.62 2.59 0.00	67.55 2.35 0.00	59.16 2.11 0.00	54.70 1.80 0.00
VISCHER___FERRY HYD 24020	43.03 1.17 0.00	39.61 1.19 0.00	38.91 1.13 0.00	38.40 1.08 0.00	39.39 1.04 0.00	44.60 1.30 0.00	55.46 1.46 0.00	68.53 1.12 -11.22	59.64 1.34 0.00	46.51 0.95 -0.43	41.51 0.84 -2.35	41.15 0.83 -2.34	38.23 0.71 -2.06	38.61 0.61 -2.12	38.69 0.66 -1.36	43.95 0.84 -1.28	48.11 1.01 -1.33	61.07 1.43 0.00	70.12 1.64 0.00	81.19 1.83 0.00	71.29 1.26 0.00	66.38 1.17 0.00	58.08 1.03 0.00	53.69 0.79 0.00
V_A_10_SYNC_DSASP 323832	37.80 -4.06 0.00	34.31 -4.11 0.00	33.81 -3.97 0.00	33.29 -4.03 0.00	34.13 -4.22 0.00	38.00 -5.28 0.02	41.09 -6.37 6.54	42.83 -6.52 6.84	46.73 -6.88 4.69	40.20 -4.92 0.01	34.22 -4.10 0.00	32.95 -4.41 0.62	31.75 -3.69 0.02	30.78 -3.73 1.37	30.94 -4.00 1.73	32.08 -4.77 4.99	34.99 -5.31 5.47	45.81 -6.50 7.32	55.42 -7.46 5.59	63.60 -8.97 6.80	61.55 -7.98 0.49	56.81 -7.56 0.83	50.83 -6.22 0.00	47.61 -5.29 0.00
V_CMM_10_SYNC_DSASP 323787	41.61 -0.25 0.00	37.96 -0.46 0.00	37.36 -0.42 0.00	36.91 -0.41 0.00	37.74 -0.15 0.46	43.02 -0.26 0.02	51.57 -0.59 1.83	49.17 -0.62 6.40	57.31 -0.99 0.00	44.58 -0.54 0.00	37.79 -0.54 0.00	37.29 -0.68 0.00	34.83 -0.64 0.00	35.16 -0.72 0.00	36.05 -0.62 0.00	41.20 -0.63 0.00	44.90 -0.87 0.00	56.73 -1.85 1.06	57.09 -1.85 9.53	66.74 -2.22 10.40	56.83 -0.77 12.43	59.43 -0.46 5.32	54.38 -0.11 2.55	52.22 0.58 1.27
V_CMP_10_SYNC_DSASP 323788	41.61 -0.25 0.00	37.84 -0.58 0.00	37.25 -0.53 0.00	36.80 -0.52 0.00	38.06 -0.23 0.06	43.00 -0.30 0.00	53.41 -0.59 0.00	55.57 -0.62 0.00	57.37 -0.93 0.00	44.49 -0.63 0.00	37.59 -0.73 0.00	37.10 -0.87 0.00	34.61 -0.85 0.00	34.98 -0.90 0.00	35.94 -0.73 0.00	41.12 -0.71 0.00	44.86 -0.92 0.00	57.43 -2.21 0.00	65.67 -2.81 0.00	76.19 -3.17 0.00	68.49 -1.54 0.00	64.42 -0.78 0.00	57.28 0.23 0.00	54.55 1.80 0.15
V_D_10_SYNC_DSASP 323841	41.90 0.04 0.00	38.19 -0.23 0.00	37.59 -0.19 0.00	37.13 -0.19 0.00	42.66 0.15 -4.15	43.59 0.09 -0.20	70.77 -0.16 -16.93	115.12 -0.17 -59.10	57.78 -0.52 0.00	44.85 -0.27 0.00	37.94 -0.38 0.00	37.44 -0.53 0.00	34.97 -0.50 0.00	35.34 -0.54 0.00	36.23 -0.44 0.00	41.41 -0.42 0.00	45.09 -0.69 0.00	68.16 -1.25 -9.78	155.34 -1.10 -87.96	174.10 -1.27 -96.00	184.64 -0.07 -114.68	114.51 0.20 -49.11	81.00 0.40 -23.55	63.82 1.01 -9.92

V_E_10_SYNC_DSASP 323830	42.95 1.09 0.00	39.34 0.92 0.00	38.57 0.79 0.00	37.99 0.67 0.00	39.27 0.92 0.00	44.44 1.13 -0.01	57.74 2.21 -1.52	52.71 2.87 6.35	61.61 2.22 -1.09	45.39 0.59 0.32	36.46 -0.11 1.75	36.42 0.04 1.59	33.87 -0.07 1.53	34.73 0.11 1.26	36.17 0.11 0.61	42.67 0.63 -0.21	47.17 1.14 -0.25	63.96 2.62 -1.70	73.75 3.97 -1.30	86.10 5.16 -1.58	74.30 4.27 0.00	68.79 3.59 0.00	60.07 3.02 0.00	55.49 2.59 0.00
V_F_30_NSYNC_DSASP 323816	43.16 1.30 0.00	39.69 1.27 0.00	38.99 1.21 0.00	38.51 1.19 0.00	39.50 1.15 0.00	44.73 1.43 0.00	55.95 1.94 0.00	68.27 1.74 -10.33	60.11 1.81 0.00	46.70 1.17 -0.40	41.37 0.88 -2.17	41.04 0.91 -2.16	38.11 0.74 -1.90	38.45 0.61 -1.95	38.62 0.70 -1.26	43.98 0.96 -1.18	48.29 1.28 -1.23	61.66 2.03 0.00	71.01 2.53 0.00	82.54 3.17 0.00	72.48 2.45 0.00	67.36 2.15 0.00	58.88 1.83 0.00	54.38 1.48 0.00
V_F_30_SYNC_DSASP 323786	43.37 1.51 0.00	39.88 1.46 0.00	39.21 1.44 0.00	38.70 1.38 0.00	39.65 1.30 0.00	44.86 1.56 0.00	55.25 1.24 0.00	68.68 0.73 -11.75	59.41 1.11 0.00	46.39 0.81 -0.45	41.58 0.80 -2.45	41.21 0.80 -2.44	38.28 0.67 -2.14	38.66 0.57 -2.21	38.71 0.62 -1.42	43.96 0.79 -1.33	48.08 0.92 -1.39	60.83 1.19 0.00	69.64 1.16 0.00	80.72 1.35 0.00	70.80 0.77 0.00	65.99 0.78 0.00	57.79 0.74 0.00	53.48 0.58 0.00
V_XM_10_SYNC_DSASP 323789	41.61 -0.25 0.00	37.84 -0.58 0.00	37.25 -0.53 0.00	36.80 -0.52 0.00	38.06 -0.23 0.06	43.00 -0.30 0.00	53.41 -0.59 0.00	55.57 -0.62 0.00	57.37 -0.93 0.00	44.49 -0.63 0.00	37.59 -0.73 0.00	37.10 -0.87 0.00	34.61 -0.85 0.00	34.98 -0.90 0.00	35.94 -0.73 0.00	41.12 -0.71 0.00	44.86 -0.92 0.00	57.43 -2.21 0.00	65.67 -2.81 0.00	76.19 -3.17 0.00	68.49 -1.54 0.00	64.42 -0.78 0.00	57.28 0.23 0.00	54.55 1.80 0.15
W.BABYLN_69_KV_BK1 56697	44.83 2.97 0.00	41.07 2.65 0.00	40.27 2.49 0.00	39.56 2.24 0.00	40.61 2.26 0.00	45.90 2.60 0.00	57.95 3.94 0.00	96.25 2.53 -37.53	61.68 3.38 0.00	49.84 3.07 -1.64	50.10 2.87 -8.90	49.76 2.92 -8.86	45.99 2.73 -7.80	46.64 2.73 -8.03	44.80 2.97 -5.16	50.11 3.43 -4.85	54.70 4.07 -4.85	64.65 5.01 0.00	74.09 5.61 0.00	86.43 7.06 0.00	75.70 5.67 0.00	69.83 4.63 0.00	61.27 4.22 0.00	56.29 3.39 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.58 1.72 0.00	39.96 1.54 0.00	39.33 1.55 0.00	38.74 1.42 0.00	39.69 1.34 0.00	44.95 1.65 0.00	56.60 2.59 0.00	105.80 2.42 -47.19	61.10 2.80 0.00	49.80 2.35 -2.33	53.01 2.07 -12.62	52.66 2.13 -12.56	48.43 1.92 -11.05	49.27 2.01 -11.38	46.04 2.05 -7.32	51.10 2.38 -6.88	55.34 2.56 -7.00	63.04 3.40 0.00	72.24 3.77 0.00	83.73 4.37 0.00	73.18 3.15 0.00	67.88 2.67 0.00	59.39 2.34 0.00	54.80 1.90 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.95 2.09 0.00	40.30 1.88 0.00	39.67 1.89 0.00	39.03 1.72 0.00	40.04 1.69 0.00	45.34 2.04 0.00	57.14 3.13 0.00	96.84 3.03 -37.61	61.86 3.56 0.00	49.80 3.02 -1.65	49.89 2.64 -8.93	49.59 2.73 -8.88	45.76 2.48 -7.82	46.52 2.58 -8.05	44.45 2.60 -5.18	49.67 2.97 -4.87	53.84 3.20 -4.86	63.93 4.29 0.00	73.20 4.72 0.00	84.84 5.48 0.00	74.09 4.06 0.00	68.73 3.52 0.00	60.07 3.02 0.00	55.44 2.54 0.00
W50THST__13_KV_LOAD 356117	44.12 2.26 0.00	40.46 2.04 0.00	39.78 2.00 0.00	39.15 1.83 0.00	40.15 1.80 0.00	45.47 2.17 0.00	57.41 3.40 0.00	97.06 3.26 -37.61	62.09 3.79 0.00	50.02 3.25 -1.65	50.08 2.84 -8.93	49.78 2.92 -8.88	45.94 2.66 -7.82	46.69 2.76 -8.05	44.63 2.79 -5.18	49.88 3.18 -4.87	54.02 3.39 -4.86	64.23 4.59 0.00	73.54 5.07 0.00	85.24 5.87 0.00	74.37 4.34 0.00	68.99 3.78 0.00	60.30 3.25 0.00	55.65 2.75 0.00
WADING RIVER_IC_1 23522	44.75 2.89 0.00	40.91 2.50 0.00	40.12 2.34 0.00	39.37 2.05 0.00	40.42 2.07 0.00	46.03 2.73 0.00	57.13 3.13 0.00	94.73 1.01 -37.53	60.40 2.10 0.00	48.75 1.98 -1.64	49.64 2.42 -8.90	49.27 2.43 -8.86	45.67 2.41 -7.80	46.21 2.30 -8.03	44.55 2.71 -5.16	49.40 2.72 -4.85	54.01 3.39 -4.85	63.75 4.11 0.00	72.79 4.32 0.00	85.00 5.64 0.00	74.93 4.90 0.00	69.70 4.50 0.00	61.16 4.11 0.00	55.97 3.07 0.00
WADING RIVER_IC_2 23547	44.75 2.89 0.00	40.91 2.50 0.00	40.12 2.34 0.00	39.37 2.05 0.00	40.42 2.07 0.00	46.03 2.73 0.00	57.13 3.13 0.00	94.73 1.01 -37.53	60.40 2.10 0.00	48.75 1.98 -1.64	49.64 2.42 -8.90	49.27 2.43 -8.86	45.67 2.41 -7.80	46.21 2.30 -8.03	44.55 2.71 -5.16	49.40 2.72 -4.85	54.01 3.39 -4.85	63.75 4.11 0.00	72.79 4.32 0.00	85.00 5.64 0.00	74.93 4.90 0.00	69.70 4.50 0.00	61.16 4.11 0.00	55.97 3.07 0.00
WADING RIVER_IC_3 23601	44.75 2.89 0.00	40.91 2.50 0.00	40.12 2.34 0.00	39.37 2.05 0.00	40.42 2.07 0.00	46.03 2.73 0.00	57.13 3.13 0.00	94.73 1.01 -37.53	60.40 2.10 0.00	48.75 1.98 -1.64	49.64 2.42 -8.90	49.27 2.43 -8.86	45.67 2.41 -7.80	46.21 2.30 -8.03	44.55 2.71 -5.16	49.40 2.72 -4.85	54.01 3.39 -4.85	63.75 4.11 0.00	72.79 4.32 0.00	85.00 5.64 0.00	74.93 4.90 0.00	69.70 4.50 0.00	61.16 4.11 0.00	55.97 3.07 0.00
WALDENNY_12_KV_BK2 80841	37.59 -4.27 0.00	34.15 -4.26 0.00	33.70 -4.08 0.00	33.10 -4.22 0.00	33.98 -4.37 0.00	38.29 -4.98 0.04	37.39 -5.83 10.78	39.19 -5.73 11.27	44.56 -6.01 7.74	40.42 -4.69 0.01	34.34 -3.99 0.00	32.95 -3.99 1.03	31.88 -3.55 0.04	30.32 -3.30 2.27	30.25 -3.56 2.87	29.39 -4.22 8.22	32.04 -4.71 9.02	42.08 -5.49 12.07	52.96 -6.30 9.21	60.70 -7.46 11.21	62.39 -7.07 0.56	57.41 -6.85 0.95	51.52 -5.53 0.00	47.93 -4.97 0.00
WALDEN__HYDRO 24148	43.41 1.55 0.00	39.84 1.42 0.00	39.21 1.44 0.00	38.62 1.31 0.00	39.62 1.27 0.00	44.82 1.52 0.00	56.38 2.38 0.00	100.91 2.25 -42.47	60.75 2.45 0.00	47.42 1.99 -0.31	41.71 1.72 -1.67	41.38 1.75 -1.66	38.48 1.56 -1.46	39.04 1.65 -1.50	39.36 1.72 -0.97	44.71 1.97 -0.91	47.97 2.20 0.00	62.68 3.04 0.00	72.04 3.56 0.00	83.49 4.13 0.00	73.04 3.01 0.00	67.75 2.54 0.00	59.33 2.28 0.00	54.70 1.80 0.00
WARRENSBURG____ 23737	42.45 0.59 0.00	39.11 0.69 0.00	38.42 0.64 0.00	37.95 0.63 0.00	38.93 0.58 0.00	44.08 0.78 0.00	55.35 1.35 0.00	67.56 1.18 -10.19	59.35 1.05 0.00	46.06 0.54 -0.39	40.77 0.31 -2.14	40.44 0.34 -2.13	37.51 0.18 -1.87	37.81 0.00 -1.93	37.98 0.07 -1.24	43.25 0.25 -1.17	47.59 0.60 -1.22	61.01 1.37 0.00	70.39 1.92 0.00	82.06 2.70 0.00	72.13 2.10 0.00	66.83 1.63 0.00	58.36 1.31 0.00	53.91 1.01 0.00
WATERSIDE__6 8 9 23538	44.12 2.26 0.00	40.46 2.04 0.00	39.78 2.00 0.00	39.11 1.79 0.00	40.12 1.76 0.00	45.38 2.08 0.00	57.14 3.13 0.00	96.75 2.98 -37.58	61.80 3.50 0.00	49.84 3.07 -1.65	49.88 2.64 -8.92	49.58 2.73 -8.88	45.83 2.55 -7.81	46.58 2.66 -8.04	44.48 2.64 -5.17	49.62 2.93 -4.86	53.74 3.11 -4.86	63.81 4.17 0.00	73.06 4.59 0.00	84.76 5.40 0.00	73.95 3.92 0.00	68.66 3.46 0.00	60.19 3.14 0.00	55.60 2.70 0.00

WATKINRD_115KV_LN8_ILLLION 55919	41.57 -0.29 0.00	38.19 -0.23 0.00	37.51 -0.26 0.00	37.06 -0.26 0.00	38.15 -0.27 -0.06	43.00 -0.30 0.00	53.89 -0.38 -0.27	56.74 -0.39 -0.94	57.89 -0.41 0.00	44.67 -0.45 0.00	37.90 -0.42 0.00	37.63 -0.34 0.00	35.11 -0.35 0.00	35.52 -0.36 0.00	36.30 -0.37 0.00	41.45 -0.38 0.00	45.45 -0.32 0.00	59.43 -0.36 -0.16	69.53 -0.34 -1.40	80.57 -0.32 -1.52	71.57 -0.28 -1.82	65.79 -0.20 -0.78	57.25 -0.17 -0.37	52.93 -0.16 -0.19
WDELAWARE___HYD 323627	43.58 1.72 0.00	39.96 1.54 0.00	39.36 1.59 0.00	38.81 1.49 0.00	39.81 1.46 0.00	45.04 1.73 0.00	56.70 2.70 0.00	66.76 2.70 -7.87	61.10 2.80 0.00	47.16 2.03 0.00	40.01 1.68 0.00	39.68 1.71 0.00	36.95 1.49 0.00	37.50 1.62 0.00	38.32 1.65 0.00	43.84 2.01 0.00	48.06 2.29 0.00	63.03 3.40 0.00	72.65 4.18 0.00	84.21 4.84 0.00	73.81 3.78 0.00	68.46 3.26 0.00	59.90 2.85 0.00	55.33 2.43 0.00
WEST BABYLON___IC 23714	44.83 2.97 0.00	41.07 2.65 0.00	40.27 2.49 0.00	39.56 2.24 0.00	40.61 2.26 0.00	45.90 2.60 0.00	57.95 3.94 0.00	96.25 2.53 -37.53	61.68 3.38 0.00	49.84 3.07 -1.64	50.10 2.87 -8.90	49.76 2.92 -8.86	45.99 2.73 -7.80	46.64 2.73 -8.03	44.80 2.97 -5.16	50.11 3.43 -4.85	54.70 4.07 -4.85	64.65 5.01 0.00	74.09 5.61 0.00	86.43 7.06 0.00	75.70 5.67 0.00	69.83 4.63 0.00	61.27 4.22 0.00	56.29 3.39 0.00
WEST CANADA___HYD 24049	41.86 0.00 0.00	38.46 0.04 0.00	37.82 0.04 0.00	37.36 0.04 0.00	38.41 0.00 -0.06	43.31 0.00 0.00	54.33 0.05 -0.27	57.13 0.00 -0.94	58.30 0.00 0.00	45.08 -0.05 0.00	38.28 -0.04 0.00	37.97 0.00 0.00	35.46 0.00 0.00	35.88 0.00 0.00	36.67 0.00 0.00	41.83 0.00 0.00	45.82 0.05 0.00	59.91 0.12 0.16	70.01 0.14 0.16	81.05 0.16 0.16	71.92 0.07 0.00	66.09 0.00 -0.89	57.53 0.06 -0.42	53.09 0.00 -0.19
WESTERN_NY_WIND 24143	38.89 -2.97 0.00	35.31 -3.11 0.00	34.79 -2.98 0.00	34.22 -3.10 0.00	35.17 -3.18 0.00	39.52 -3.77 0.02	43.74 -4.10 6.16	45.87 -3.88 6.44	49.33 -4.55 4.42	41.64 -3.47 0.01	35.26 -3.07 0.00	34.19 -3.19 0.59	32.68 -2.77 0.02	32.04 -2.55 1.30	32.13 -2.90 1.64	33.70 -3.43 4.70	36.91 -3.71 5.15	48.57 -4.17 6.90	58.62 -4.59 5.26	67.33 -5.63 6.40	64.57 -5.18 0.27	59.66 -5.09 0.46	53.06 -3.99 0.00	49.41 -3.49 0.00
WESTOVER___LESR 323668	41.57 -0.29 0.00	38.07 -0.35 0.00	37.44 -0.34 0.00	36.94 -0.37 0.00	37.93 -0.42 0.00	42.96 -0.35 0.00	53.90 -0.11 0.00	50.48 -0.06 5.66	58.13 -0.17 0.00	44.90 -0.23 0.00	38.05 -0.27 0.00	37.75 -0.23 0.00	35.25 -0.21 0.00	35.81 -0.07 0.00	36.52 -0.15 0.00	41.66 -0.17 0.00	45.59 -0.18 0.00	59.76 0.12 0.00	68.61 0.14 0.00	79.52 0.16 0.00	69.77 -0.14 0.12	64.74 -0.26 0.20	56.94 -0.11 0.00	52.74 -0.16 0.00
WETHRSFD_WT_PWR 323626	37.42 -4.44 0.00	34.15 -4.27 0.00	33.58 -4.19 0.00	32.99 -4.33 0.00	33.86 -4.49 0.00	38.14 -5.07 0.10	17.68 -5.88 30.44	18.46 -5.90 31.83	29.98 -6.47 21.85	39.95 -5.15 0.03	33.88 -4.44 0.00	30.62 -4.44 2.91	31.25 -4.11 0.10	25.62 -3.88 6.39	24.51 -4.07 8.08	13.98 -4.64 23.21	15.33 -4.99 25.46	19.71 -5.84 34.08	36.09 -6.37 26.01	40.58 -7.14 31.65	62.20 -6.65 1.17	57.02 -6.20 1.99	52.03 -5.02 0.00	48.67 -4.23 0.00
WHAVESTOR_138KV_BK127 55557	43.45 1.59 0.00	39.88 1.46 0.00	39.21 1.44 0.00	38.62 1.31 0.00	39.62 1.27 0.00	44.82 1.52 0.00	56.43 2.43 0.00	104.92 2.25 -46.48	60.87 2.57 0.00	49.58 2.21 -2.25	52.50 1.99 -12.19	52.12 2.01 -12.13	47.98 1.84 -10.67	48.81 1.94 -10.99	45.72 1.98 -7.07	50.73 2.26 -6.64	54.95 2.43 -6.75	62.80 3.16 0.00	71.97 3.49 0.00	83.41 4.05 0.00	72.90 2.87 0.00	67.68 2.48 0.00	59.16 2.11 0.00	54.59 1.69 0.00
WHAVESTOR_138_KV_BK127_REV_LBMP_G 345015	43.45 1.59 0.00	39.88 1.46 0.00	39.21 1.44 0.00	38.62 1.31 0.00	39.62 1.27 0.00	44.82 1.52 0.00	56.43 2.43 0.00	104.92 2.25 -46.48	60.87 2.57 0.00	49.58 2.21 -2.25	52.50 1.99 -12.19	52.12 2.01 -12.13	47.98 1.84 -10.67	48.81 1.94 -10.99	45.72 1.98 -7.07	50.73 2.26 -6.64	54.95 2.43 -6.75	62.80 3.16 0.00	71.97 3.49 0.00	83.41 4.05 0.00	72.90 2.87 0.00	67.68 2.48 0.00	59.16 2.11 0.00	54.59 1.69 0.00
WHITEHAL_115KV_TB1 80871	42.41 0.54 0.00	39.03 0.61 0.00	38.34 0.57 0.00	37.91 0.60 0.00	38.93 0.58 0.00	44.13 0.82 0.00	55.57 1.57 0.00	67.79 1.35 -10.25	59.29 0.99 0.00	45.88 0.36 -0.40	40.51 0.04 -2.15	40.23 0.11 -2.14	37.28 -0.07 -1.88	37.53 -0.29 -1.94	37.70 -0.22 -1.25	43.05 0.04 -1.17	47.46 0.46 -1.22	61.07 1.43 0.00	70.74 2.26 0.00	82.78 3.41 0.00	72.69 2.66 0.00	67.29 2.09 0.00	58.70 1.65 0.00	54.12 1.22 0.00
WHITEPLN_13_KV_LOAD 356215	44.00 2.13 0.00	40.38 1.96 0.00	39.74 1.96 0.00	39.11 1.79 0.00	40.08 1.73 0.00	45.43 2.12 0.00	57.30 3.29 0.00	97.46 3.15 -38.12	61.92 3.61 0.00	49.78 2.98 -1.67	50.00 2.61 -9.08	49.63 2.62 -9.03	45.79 2.38 -7.95	46.54 2.48 -8.19	44.50 2.57 -5.26	49.79 3.01 -4.95	53.97 3.25 -4.95	64.23 4.59 0.00	73.61 5.14 0.00	85.32 5.95 0.00	74.44 4.41 0.00	68.99 3.78 0.00	60.36 3.31 0.00	55.55 2.65 0.00
WM_FLOYD_69_KV_BK2 356380	44.79 2.93 0.00	40.99 2.57 0.00	40.20 2.42 0.00	39.44 2.13 0.00	40.54 2.19 0.00	45.64 2.34 0.00	57.51 3.51 0.00	95.35 1.63 -37.53	60.92 2.62 0.00	49.16 2.39 -1.64	49.79 2.57 -8.90	49.38 2.54 -8.86	45.74 2.48 -7.80	46.35 2.44 -8.03	44.62 2.79 -5.16	49.61 2.93 -4.85	54.24 3.62 -4.85	64.11 4.47 0.00	73.34 4.86 0.00	85.72 6.35 0.00	75.28 5.25 0.00	69.51 4.30 0.00	60.99 3.94 0.00	55.76 2.86 0.00
WOODARD_115KV_TB2 355635	41.36 -0.50 0.00	37.96 -0.46 0.00	37.29 -0.49 0.00	36.83 -0.49 0.00	37.92 -0.50 -0.07	42.74 -0.56 0.00	53.74 -0.49 -0.23	56.59 -0.39 -0.79	57.83 -0.47 0.00	44.72 -0.41 0.00	37.94 -0.38 0.00	37.56 -0.42 0.00	35.14 -0.32 0.00	35.59 -0.29 0.00	36.30 -0.37 0.00	41.41 -0.42 0.00	45.36 -0.41 0.00	59.35 -0.42 -0.13	69.17 -0.48 -1.18	80.09 -0.56 -1.28	70.93 -0.63 -1.53	65.27 -0.59 -0.66	56.85 -0.51 -0.31	52.53 -0.53 -0.16
WOODMERE_69_KV_BK1 55827	44.46 2.60 0.00	40.76 2.34 0.00	40.04 2.27 0.00	39.33 2.02 0.00	40.38 2.03 0.00	45.64 2.34 0.00	57.62 3.62 0.00	96.19 2.47 -37.53	61.62 3.32 0.00	49.75 2.98 -1.64	49.98 2.76 -8.90	49.64 2.81 -8.86	45.85 2.59 -7.80	46.53 2.62 -8.03	44.66 2.82 -5.16	49.91 3.22 -4.85	54.38 3.75 -4.85	64.41 4.77 0.00	73.95 5.48 0.00	85.95 6.59 0.00	75.35 5.32 0.00	69.64 4.43 0.00	60.87 3.82 0.00	55.97 3.07 0.00
YORK___WARBASSE 23770	44.33 2.47 0.00	40.65 2.23 0.00	39.97 2.19 0.00	39.30 1.98 0.00	40.27 1.92 0.00	45.51 2.21 0.00	57.35 3.35 0.00	96.86 3.09 -37.58	61.86 3.56 0.00	49.88 3.11 -1.65	49.92 2.68 -8.92	49.62 2.77 -8.88	45.86 2.59 -7.81	46.61 2.69 -8.04	44.44 2.60 -5.17	49.50 2.80 -4.86	53.65 3.02 -4.86	63.75 4.11 0.00	73.06 4.59 0.00	84.76 5.40 0.00	73.95 3.92 0.00	68.86 3.65 0.00	60.47 3.42 0.00	55.81 2.91 0.00