

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

04/29/2026

Generator Data

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1 24138	46.23 2.04 0.00	41.68 1.75 0.00	46.42 1.67 0.00	35.99 1.29 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.06 2.73 0.00	47.08 2.36 0.00	36.74 1.95 0.00	33.72 1.78 0.00	32.98 1.91 0.00	37.34 2.35 0.00	39.15 2.50 0.00	32.85 1.81 0.00	37.62 2.18 0.00	127.34 7.57 0.00	40.05 2.38 0.00	34.46 2.01 0.00
74TH STREET_GT_1 24260	46.30 2.12 0.00	41.75 1.82 0.00	46.50 1.75 0.00	36.04 1.34 0.00	33.70 1.22 0.00	48.45 2.06 0.00	53.13 2.80 0.00	47.14 2.42 0.00	36.80 2.01 0.00	33.75 1.81 0.00	33.01 1.93 0.00	37.34 2.36 0.00	39.18 2.53 0.00	32.86 1.82 0.00	37.64 2.19 0.00	127.40 7.63 0.00	40.07 2.41 0.00	34.49 2.04 0.00
74TH STREET_GT_2 24261	46.30 2.12 0.00	41.75 1.82 0.00	46.50 1.75 0.00	36.04 1.34 0.00	33.70 1.22 0.00	48.45 2.06 0.00	53.13 2.80 0.00	47.14 2.42 0.00	36.80 2.01 0.00	33.75 1.81 0.00	33.01 1.93 0.00	37.34 2.36 0.00	39.18 2.53 0.00	32.86 1.82 0.00	37.64 2.19 0.00	127.40 7.63 0.00	40.07 2.41 0.00	34.49 2.04 0.00
ADK HUDSON__FALLS 24011	46.57 2.38 0.00	42.15 2.21 0.00	47.25 2.50 0.00	36.65 1.96 0.00	34.21 1.73 0.00	49.31 2.92 0.00	53.57 3.23 0.00	47.38 2.66 0.00	36.60 1.81 0.00	33.34 1.40 0.00	32.06 0.99 0.00	35.91 0.92 0.00	37.59 0.94 0.00	31.82 0.77 0.00	36.58 1.13 0.00	125.05 5.27 0.00	39.42 1.75 0.00	34.25 1.80 0.00
ADK RESOURCE__RCVRY 23798	46.68 2.50 0.00	42.27 2.34 0.00	47.39 2.64 0.00	36.79 2.09 0.00	34.36 1.87 0.00	49.65 3.27 0.00	54.00 3.67 0.00	47.75 3.03 0.00	36.86 2.07 0.00	33.57 1.63 0.00	32.19 1.12 0.00	35.96 0.97 0.00	37.61 0.96 0.00	31.85 0.81 0.00	36.67 1.22 0.00	125.69 5.92 0.00	39.59 1.93 0.00	34.54 2.09 0.00
ADK S GLENS__FALLS 24028	46.57 2.38 0.00	42.15 2.21 0.00	47.25 2.50 0.00	36.65 1.96 0.00	34.21 1.73 0.00	49.31 2.92 0.00	53.57 3.23 0.00	47.38 2.66 0.00	36.60 1.81 0.00	33.34 1.40 0.00	32.06 0.99 0.00	35.91 0.92 0.00	37.59 0.94 0.00	31.82 0.77 0.00	36.58 1.13 0.00	125.05 5.27 0.00	39.42 1.75 0.00	34.25 1.80 0.00
ADK_NYS__DAM 23527	46.55 2.37 0.00	42.17 2.24 0.00	47.15 2.40 0.00	36.54 1.84 0.00	34.20 1.71 0.00	49.08 2.69 0.00	53.09 2.76 0.00	46.92 2.20 0.00	36.34 1.56 0.00	33.43 1.49 0.00	32.34 1.27 0.00	36.27 1.28 0.00	37.81 1.17 0.00	31.85 0.81 0.00	36.55 1.11 0.00	124.72 4.95 0.00	39.22 1.56 0.00	33.69 1.23 0.00
AIR_PRODUCTS__DRP 24190	45.02 0.84 0.00	41.05 1.12 0.00	45.86 1.11 0.00	35.62 0.92 0.00	33.27 0.78 0.00	47.43 1.04 0.00	51.33 1.00 0.00	45.45 0.74 0.00	35.32 0.53 0.00	32.41 0.48 0.00	31.48 0.41 0.00	35.50 0.51 0.00	37.17 0.53 0.00	31.33 0.29 0.00	35.87 0.43 0.00	121.75 1.98 0.00	38.33 0.67 0.00	32.87 0.42 0.00
AKWESSNE_115KV_BK 355683	44.21 0.03 0.00	39.91 -0.02 0.00	44.90 0.14 0.00	34.76 0.06 0.00	32.59 0.10 0.00	46.53 0.14 0.00	50.37 0.04 0.00	44.92 0.20 0.00	34.92 0.13 0.00	32.17 0.23 0.00	31.23 0.16 0.00	35.10 0.11 0.00	36.79 0.14 0.00	31.24 0.20 0.00	35.65 0.20 0.00	119.92 0.15 0.00	37.87 0.21 0.00	32.71 0.25 0.00
ALBANY_1_SOLAR 323833	45.76 1.58 0.00	41.56 1.62 0.00	46.46 1.70 0.00	36.06 1.36 0.00	33.71 1.22 0.00	48.15 1.77 0.00	52.22 1.89 0.00	46.21 1.49 0.00	35.83 1.04 0.00	32.80 0.86 0.00	31.79 0.71 0.00	35.82 0.83 0.00	37.61 0.96 0.00	31.66 0.62 0.00	36.25 0.81 0.00	122.91 3.14 0.00	38.81 1.14 0.00	33.36 0.91 0.00
ALBANY_2_SOLAR 323834	45.74 1.56 0.00	41.54 1.61 0.00	46.44 1.69 0.00	36.05 1.35 0.00	33.70 1.21 0.00	48.14 1.75 0.00	52.22 1.89 0.00	46.20 1.48 0.00	35.81 1.02 0.00	32.80 0.86 0.00	31.78 0.71 0.00	35.82 0.83 0.00	37.60 0.95 0.00	31.66 0.62 0.00	36.24 0.79 0.00	122.88 3.12 0.00	38.80 1.13 0.00	33.36 0.91 0.00
ALBANY__1 23571	45.02 0.84 0.00	41.05 1.12 0.00	45.86 1.11 0.00	35.62 0.92 0.00	33.27 0.78 0.00	47.43 1.04 0.00	51.33 1.00 0.00	45.45 0.74 0.00	35.32 0.53 0.00	32.41 0.48 0.00	31.48 0.41 0.00	35.50 0.51 0.00	37.17 0.53 0.00	31.33 0.29 0.00	35.87 0.43 0.00	121.75 1.98 0.00	38.33 0.67 0.00	32.87 0.42 0.00

ALBANY___2 23572	45.02 0.84 0.00	41.05 1.12 0.00	45.86 1.11 0.00	35.62 0.92 0.00	33.27 0.78 0.00	47.43 1.04 0.00	51.33 1.00 0.00	45.45 0.74 0.00	35.32 0.53 0.00	32.41 0.48 0.00	31.48 0.41 0.00	35.50 0.51 0.00	37.17 0.53 0.00	31.33 0.29 0.00	35.87 0.43 0.00	121.75 1.98 0.00	38.33 0.67 0.00	32.87 0.42 0.00
ALBANY___3 23573	45.02 0.84 0.00	41.05 1.12 0.00	45.86 1.11 0.00	35.62 0.92 0.00	33.27 0.78 0.00	47.43 1.04 0.00	51.33 1.00 0.00	45.45 0.74 0.00	35.32 0.53 0.00	32.41 0.48 0.00	31.48 0.41 0.00	35.50 0.51 0.00	37.17 0.53 0.00	31.33 0.29 0.00	35.87 0.43 0.00	121.75 1.98 0.00	38.33 0.67 0.00	32.87 0.42 0.00
ALBANY___4 23574	45.02 0.84 0.00	41.05 1.12 0.00	45.86 1.11 0.00	35.62 0.92 0.00	33.27 0.78 0.00	47.43 1.04 0.00	51.33 1.00 0.00	45.45 0.74 0.00	35.32 0.53 0.00	32.41 0.48 0.00	31.48 0.41 0.00	35.50 0.51 0.00	37.17 0.53 0.00	31.33 0.29 0.00	35.87 0.43 0.00	121.75 1.98 0.00	38.33 0.67 0.00	32.87 0.42 0.00
ALBANY___LFG 323615	45.41 1.23 0.00	41.37 1.44 0.00	46.22 1.47 0.00	35.90 1.20 0.00	33.53 1.05 0.00	47.83 1.44 0.00	51.78 1.45 0.00	45.86 1.14 0.00	35.63 0.85 0.00	32.70 0.76 0.00	31.73 0.66 0.00	35.80 0.81 0.00	37.51 0.86 0.00	31.61 0.56 0.00	36.19 0.74 0.00	122.91 3.15 0.00	38.72 1.05 0.00	33.20 0.75 0.00
ALCOA_PA_115KV_PL-6C 55860	44.10 -0.08 0.00	39.80 -0.14 0.00	44.76 0.01 0.00	34.70 0.00 0.00	32.53 0.04 0.00	46.46 0.07 0.00	50.37 0.04 0.00	44.96 0.24 0.00	34.96 0.17 0.00	32.14 0.20 0.00	31.18 0.11 0.00	35.04 0.05 0.00	36.74 0.09 0.00	31.22 0.17 0.00	35.62 0.17 0.00	120.03 0.26 0.00	37.84 0.18 0.00	32.65 0.20 0.00
ALCOA_RYNLDS___DRP 24188	44.10 -0.08 0.00	39.80 -0.14 0.00	44.76 0.01 0.00	34.70 0.00 0.00	32.53 0.04 0.00	46.46 0.07 0.00	50.36 0.03 0.00	44.96 0.24 0.00	34.96 0.17 0.00	32.14 0.20 0.00	31.18 0.11 0.00	35.04 0.05 0.00	36.74 0.09 0.00	31.21 0.17 0.00	35.62 0.17 0.00	120.03 0.26 0.00	37.84 0.18 0.00	32.65 0.20 0.00
ALCOA___DSASP 323711	44.10 -0.08 0.00	39.80 -0.14 0.00	44.76 0.01 0.00	34.70 0.00 0.00	32.53 0.04 0.00	46.46 0.07 0.00	50.36 0.03 0.00	44.96 0.24 0.00	34.96 0.17 0.00	32.14 0.20 0.00	31.18 0.11 0.00	35.04 0.05 0.00	36.74 0.09 0.00	31.21 0.17 0.00	35.62 0.17 0.00	120.03 0.26 0.00	37.84 0.18 0.00	32.65 0.20 0.00
ALLEGHENY___COGEN 23514	44.42 0.24 0.00	40.05 0.11 0.00	45.17 0.42 0.00	34.83 0.13 0.00	32.84 0.35 0.00	46.66 0.28 0.00	45.43 0.31 5.21	44.10 -0.62 0.00	12.69 -1.54 20.56	29.78 -2.16 0.00	29.18 -1.89 0.00	32.86 -2.13 0.00	35.06 -1.59 0.00	32.56 1.52 0.00	36.17 0.73 0.00	20.33 -0.72 98.72	26.83 -0.33 10.50	32.39 -0.06 0.00
ALTAMONT_115KV_TB 2 55880	45.23 1.05 0.00	40.99 1.05 0.00	45.83 1.07 0.00	35.56 0.86 0.00	33.24 0.76 0.00	47.57 1.18 0.00	51.67 1.34 0.00	45.76 1.04 0.00	35.57 0.77 0.00	32.61 0.67 0.00	31.70 0.63 0.00	35.72 0.73 0.00	37.39 0.75 0.00	31.56 0.51 0.00	36.09 0.64 0.00	122.41 2.64 0.00	38.51 0.85 0.00	33.13 0.68 0.00
ALTONA_WT_PWR 323606	44.33 0.15 0.00	39.98 0.05 0.00	44.93 0.18 0.00	34.79 0.09 0.00	32.68 0.19 0.00	46.80 0.42 0.00	50.79 0.46 0.00	45.36 0.64 0.00	35.27 0.48 0.00	32.43 0.49 0.00	31.38 0.30 0.00	35.27 0.28 0.00	36.95 0.30 0.00	31.37 0.33 0.00	35.90 0.46 0.00	121.05 1.27 0.00	38.16 0.50 0.00	32.95 0.50 0.00
AMERICAN_REF_FUEL 24010	40.82 -3.36 0.00	36.91 -3.03 0.00	41.80 -2.95 0.00	32.35 -2.35 0.00	30.49 -2.00 0.00	42.68 -3.71 0.00	41.18 -4.79 4.36	40.74 -3.98 0.00	14.75 -2.84 17.20	29.46 -2.48 0.00	28.85 -2.22 0.00	32.35 -2.64 0.00	33.97 -2.68 0.00	29.28 -1.76 0.00	33.02 -2.43 0.00	27.40 -9.77 82.59	25.02 -3.86 8.78	29.06 -3.39 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	42.49 -1.69 0.00	38.37 -1.56 0.00	43.36 -1.39 0.00	33.41 -1.29 0.00	31.54 -0.95 0.00	44.62 -1.77 0.00	42.77 -2.38 5.18	42.95 -1.77 0.00	13.00 -1.34 20.44	31.00 -0.93 0.00	30.51 -0.56 0.00	34.27 -0.72 0.00	36.01 -0.64 0.00	30.78 -0.26 0.00	34.66 -0.79 0.00	15.96 -5.64 98.16	24.75 -2.48 10.44	30.01 -2.44 0.00
ARTHUR KILL_GT_1 23520	46.28 2.10 0.00	41.74 1.81 0.00	46.50 1.74 0.00	36.05 1.36 0.00	33.68 1.20 0.00	48.43 2.04 0.00	53.17 2.84 0.00	47.12 2.40 0.00	36.73 1.94 0.00	33.63 1.69 0.00	32.84 1.77 0.00	37.22 2.23 0.00	39.05 2.40 0.00	32.71 1.66 0.00	37.50 2.05 0.00	126.86 7.09 0.00	39.91 2.24 0.00	34.42 1.97 0.00
ARTHUR_KILL_2 23512	46.17 1.99 0.00	41.64 1.70 0.00	46.38 1.63 0.00	35.97 1.27 0.00	33.61 1.12 0.00	48.31 1.92 0.00	53.03 2.70 0.00	47.01 2.29 0.00	36.63 1.84 0.00	33.56 1.62 0.00	32.78 1.70 0.00	37.14 2.15 0.00	38.96 2.32 0.00	32.64 1.60 0.00	37.43 1.98 0.00	126.63 6.86 0.00	39.82 2.16 0.00	34.33 1.87 0.00
ARTHUR_KILL_3 23513	46.05 1.87 0.00	41.53 1.59 0.00	46.25 1.50 0.00	35.85 1.16 0.00	33.51 1.02 0.00	48.17 1.78 0.00	52.82 2.49 0.00	46.84 2.12 0.00	36.54 1.75 0.00	33.51 1.57 0.00	32.77 1.69 0.00	37.09 2.11 0.00	38.91 2.26 0.00	32.64 1.59 0.00	37.38 1.94 0.00	126.56 6.79 0.00	39.84 2.18 0.00	34.26 1.81 0.00

ARTHUR_KILL_COGEN 323718	46.28 2.10 0.00	41.74 1.81 0.00	46.49 1.74 0.00	36.05 1.36 0.00	33.68 1.20 0.00	48.43 2.04 0.00	53.16 2.83 0.00	47.12 2.40 0.00	36.73 1.94 0.00	33.63 1.69 0.00	32.84 1.76 0.00	37.22 2.23 0.00	39.05 2.40 0.00	32.70 1.66 0.00	37.49 2.04 0.00	126.86 7.09 0.00	39.92 2.25 0.00	34.42 1.97 0.00
ASHOKAN____ 23654	45.88 1.69 0.00	41.47 1.53 0.00	46.27 1.52 0.00	35.89 1.20 0.00	33.56 1.08 0.00	48.18 1.79 0.00	52.60 2.27 0.00	46.62 1.90 0.00	36.19 1.39 0.00	33.12 1.18 0.00	32.25 1.18 0.00	36.41 1.42 0.00	38.23 1.59 0.00	32.17 1.12 0.00	36.77 1.33 0.00	125.01 5.24 0.00	39.29 1.62 0.00	33.81 1.35 0.00
ASTORIA_EAST_ENERGY_CC1 323581	45.89 1.71 0.00	41.36 1.43 0.00	46.09 1.34 0.00	35.73 1.04 0.00	33.38 0.90 0.00	48.02 1.63 0.00	52.70 2.36 0.00	46.64 1.92 0.00	36.49 1.70 0.00	33.43 1.49 0.00	32.65 1.58 0.00	36.95 1.96 0.00	38.79 2.14 0.00	32.63 1.59 0.00	37.27 1.82 0.00	126.28 6.51 0.00	39.67 2.01 0.00	34.17 1.71 0.00
ASTORIA_EAST_ENERGY_CC2 323582	45.89 1.71 0.00	41.36 1.43 0.00	46.09 1.34 0.00	35.73 1.04 0.00	33.38 0.90 0.00	48.02 1.63 0.00	52.70 2.36 0.00	46.64 1.92 0.00	36.49 1.70 0.00	33.43 1.49 0.00	32.65 1.58 0.00	36.95 1.96 0.00	38.79 2.14 0.00	32.63 1.59 0.00	37.27 1.82 0.00	126.28 6.51 0.00	39.67 2.01 0.00	34.17 1.71 0.00
ASTORIA_GT2_1 24094	45.92 1.74 0.00	41.38 1.45 0.00	46.11 1.36 0.00	35.75 1.05 0.00	33.41 0.93 0.00	48.05 1.66 0.00	52.72 2.38 0.00	46.66 1.94 0.00	36.51 1.72 0.00	33.45 1.51 0.00	32.68 1.61 0.00	36.97 1.98 0.00	38.81 2.16 0.00	32.64 1.60 0.00	37.30 1.85 0.00	126.32 6.55 0.00	39.68 2.02 0.00	34.20 1.75 0.00
ASTORIA_GT2_2 24095	45.92 1.74 0.00	41.38 1.45 0.00	46.11 1.36 0.00	35.75 1.05 0.00	33.41 0.93 0.00	48.05 1.66 0.00	52.72 2.38 0.00	46.66 1.94 0.00	36.51 1.72 0.00	33.45 1.51 0.00	32.68 1.61 0.00	36.97 1.98 0.00	38.81 2.16 0.00	32.64 1.60 0.00	37.30 1.85 0.00	126.32 6.55 0.00	39.68 2.02 0.00	34.20 1.75 0.00
ASTORIA_GT2_3 24096	45.92 1.74 0.00	41.38 1.45 0.00	46.11 1.36 0.00	35.75 1.05 0.00	33.41 0.93 0.00	48.05 1.66 0.00	52.72 2.38 0.00	46.66 1.94 0.00	36.51 1.72 0.00	33.45 1.51 0.00	32.68 1.61 0.00	36.97 1.98 0.00	38.81 2.16 0.00	32.64 1.60 0.00	37.30 1.85 0.00	126.32 6.55 0.00	39.68 2.02 0.00	34.20 1.75 0.00
ASTORIA_GT2_4 24097	45.92 1.74 0.00	41.38 1.45 0.00	46.11 1.36 0.00	35.75 1.05 0.00	33.41 0.93 0.00	48.05 1.66 0.00	52.72 2.38 0.00	46.66 1.94 0.00	36.51 1.72 0.00	33.45 1.51 0.00	32.68 1.61 0.00	36.97 1.98 0.00	38.81 2.16 0.00	32.64 1.60 0.00	37.30 1.85 0.00	126.32 6.55 0.00	39.68 2.02 0.00	34.20 1.75 0.00
ASTORIA_GT3_1 24098	45.92 1.74 0.00	41.38 1.45 0.00	46.11 1.36 0.00	35.75 1.05 0.00	33.41 0.93 0.00	48.05 1.66 0.00	52.72 2.38 0.00	46.66 1.94 0.00	36.51 1.72 0.00	33.45 1.51 0.00	32.68 1.61 0.00	36.97 1.98 0.00	38.81 2.16 0.00	32.64 1.60 0.00	37.30 1.85 0.00	126.32 6.55 0.00	39.68 2.02 0.00	34.20 1.75 0.00
ASTORIA_GT3_2 24099	45.92 1.74 0.00	41.38 1.45 0.00	46.11 1.36 0.00	35.75 1.05 0.00	33.41 0.93 0.00	48.05 1.66 0.00	52.72 2.38 0.00	46.66 1.94 0.00	36.51 1.72 0.00	33.45 1.51 0.00	32.68 1.61 0.00	36.97 1.98 0.00	38.81 2.16 0.00	32.64 1.60 0.00	37.30 1.85 0.00	126.32 6.55 0.00	39.68 2.02 0.00	34.20 1.75 0.00
ASTORIA_GT3_3 24100	45.92 1.74 0.00	41.38 1.45 0.00	46.11 1.36 0.00	35.75 1.05 0.00	33.41 0.93 0.00	48.05 1.66 0.00	52.72 2.38 0.00	46.66 1.94 0.00	36.51 1.72 0.00	33.45 1.51 0.00	32.68 1.61 0.00	36.97 1.98 0.00	38.81 2.16 0.00	32.64 1.60 0.00	37.30 1.85 0.00	126.32 6.55 0.00	39.68 2.02 0.00	34.20 1.75 0.00
ASTORIA_GT3_4 24101	45.92 1.74 0.00	41.38 1.45 0.00	46.11 1.36 0.00	35.75 1.05 0.00	33.41 0.93 0.00	48.05 1.66 0.00	52.72 2.38 0.00	46.66 1.94 0.00	36.51 1.72 0.00	33.45 1.51 0.00	32.68 1.61 0.00	36.97 1.98 0.00	38.81 2.16 0.00	32.64 1.60 0.00	37.30 1.85 0.00	126.32 6.55 0.00	39.68 2.02 0.00	34.20 1.75 0.00
ASTORIA_GT4_1 24102	45.92 1.74 0.00	41.38 1.45 0.00	46.11 1.36 0.00	35.75 1.05 0.00	33.41 0.93 0.00	48.05 1.66 0.00	52.72 2.38 0.00	46.66 1.94 0.00	36.51 1.72 0.00	33.45 1.51 0.00	32.68 1.61 0.00	36.97 1.98 0.00	38.81 2.16 0.00	32.64 1.60 0.00	37.30 1.85 0.00	126.32 6.55 0.00	39.68 2.02 0.00	34.20 1.75 0.00
ASTORIA_GT4_2 24103	45.92 1.74 0.00	41.38 1.45 0.00	46.11 1.36 0.00	35.75 1.05 0.00	33.41 0.93 0.00	48.05 1.66 0.00	52.72 2.38 0.00	46.66 1.94 0.00	36.51 1.72 0.00	33.45 1.51 0.00	32.68 1.61 0.00	36.97 1.98 0.00	38.81 2.16 0.00	32.64 1.60 0.00	37.30 1.85 0.00	126.32 6.55 0.00	39.68 2.02 0.00	34.20 1.75 0.00
ASTORIA_GT4_3 24104	45.92 1.74 0.00	41.38 1.45 0.00	46.11 1.36 0.00	35.75 1.05 0.00	33.41 0.93 0.00	48.05 1.66 0.00	52.72 2.38 0.00	46.66 1.94 0.00	36.51 1.72 0.00	33.45 1.51 0.00	32.68 1.61 0.00	36.97 1.98 0.00	38.81 2.16 0.00	32.64 1.60 0.00	37.30 1.85 0.00	126.32 6.55 0.00	39.68 2.02 0.00	34.20 1.75 0.00

ASTORIA_GT4_4 24105	45.92 1.74 0.00	41.38 1.45 0.00	46.11 1.36 0.00	35.75 1.05 0.00	33.41 0.93 0.00	48.05 1.66 0.00	52.72 2.38 0.00	46.66 1.94 0.00	36.51 1.72 0.00	33.45 1.51 0.00	32.68 1.61 0.00	36.97 1.98 0.00	38.81 2.16 0.00	32.64 1.60 0.00	37.30 1.85 0.00	126.32 6.55 0.00	39.68 2.02 0.00	34.20 1.75 0.00
ASTORIA_GT_1 23523	45.98 1.80 0.00	41.44 1.51 0.00	46.18 1.43 0.00	35.80 1.10 0.00	33.45 0.97 0.00	48.11 1.73 0.00	52.81 2.48 0.00	46.75 2.03 0.00	36.58 1.79 0.00	33.52 1.58 0.00	32.74 1.67 0.00	37.04 2.05 0.00	38.89 2.24 0.00	32.71 1.67 0.00	37.36 1.92 0.00	126.56 6.79 0.00	39.75 2.09 0.00	34.26 1.81 0.00
ASTORIA_GT_10 24110	46.01 1.83 0.00	41.50 1.57 0.00	46.22 1.47 0.00	35.83 1.13 0.00	33.50 1.02 0.00	48.15 1.76 0.00	52.79 2.46 0.00	46.81 2.09 0.00	36.57 1.79 0.00	33.54 1.61 0.00	32.78 1.71 0.00	37.11 2.12 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.41 1.96 0.00	126.61 6.84 0.00	39.81 2.15 0.00	34.26 1.81 0.00
ASTORIA_GT_11 24225	46.01 1.83 0.00	41.50 1.57 0.00	46.22 1.47 0.00	35.83 1.13 0.00	33.50 1.02 0.00	48.15 1.76 0.00	52.79 2.46 0.00	46.81 2.09 0.00	36.57 1.79 0.00	33.54 1.61 0.00	32.78 1.71 0.00	37.11 2.12 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.41 1.96 0.00	126.61 6.84 0.00	39.81 2.15 0.00	34.26 1.81 0.00
ASTORIA_GT_12 24226	46.01 1.83 0.00	41.50 1.57 0.00	46.22 1.47 0.00	35.83 1.13 0.00	33.50 1.02 0.00	48.15 1.76 0.00	52.79 2.46 0.00	46.81 2.09 0.00	36.57 1.79 0.00	33.54 1.61 0.00	32.78 1.71 0.00	37.11 2.12 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.41 1.96 0.00	126.61 6.84 0.00	39.81 2.15 0.00	34.26 1.81 0.00
ASTORIA_GT_13 24227	46.01 1.83 0.00	41.50 1.57 0.00	46.22 1.47 0.00	35.83 1.13 0.00	33.50 1.02 0.00	48.15 1.76 0.00	52.79 2.46 0.00	46.81 2.09 0.00	36.57 1.79 0.00	33.54 1.61 0.00	32.78 1.71 0.00	37.11 2.12 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.41 1.96 0.00	126.61 6.84 0.00	39.81 2.15 0.00	34.26 1.81 0.00
ASTORIA_GT_5 24106	45.98 1.80 0.00	41.44 1.51 0.00	46.18 1.43 0.00	35.80 1.10 0.00	33.45 0.97 0.00	48.11 1.73 0.00	52.81 2.48 0.00	46.75 2.03 0.00	36.58 1.79 0.00	33.52 1.58 0.00	32.74 1.67 0.00	37.04 2.05 0.00	38.89 2.24 0.00	32.71 1.67 0.00	37.36 1.92 0.00	126.56 6.79 0.00	39.75 2.09 0.00	34.26 1.81 0.00
ASTORIA_GT_7 24107	45.98 1.80 0.00	41.44 1.51 0.00	46.18 1.43 0.00	35.80 1.10 0.00	33.45 0.97 0.00	48.11 1.73 0.00	52.81 2.48 0.00	46.75 2.03 0.00	36.58 1.79 0.00	33.52 1.58 0.00	32.74 1.67 0.00	37.04 2.05 0.00	38.89 2.24 0.00	32.71 1.67 0.00	37.36 1.92 0.00	126.56 6.79 0.00	39.75 2.09 0.00	34.26 1.81 0.00
ASTORIA_GT_8 24108	45.98 1.80 0.00	41.44 1.51 0.00	46.18 1.43 0.00	35.80 1.10 0.00	33.45 0.97 0.00	48.11 1.73 0.00	52.81 2.48 0.00	46.75 2.03 0.00	36.58 1.79 0.00	33.52 1.58 0.00	32.74 1.67 0.00	37.04 2.05 0.00	38.89 2.24 0.00	32.71 1.67 0.00	37.36 1.92 0.00	126.56 6.79 0.00	39.75 2.09 0.00	34.26 1.81 0.00
ASTORIA___2 24149	45.92 1.74 0.00	41.38 1.45 0.00	46.11 1.36 0.00	35.75 1.05 0.00	33.41 0.93 0.00	48.05 1.66 0.00	52.72 2.38 0.00	46.66 1.94 0.00	36.50 1.71 0.00	33.45 1.52 0.00	32.67 1.60 0.00	36.97 1.98 0.00	38.81 2.16 0.00	32.64 1.60 0.00	37.29 1.84 0.00	126.31 6.54 0.00	39.69 2.03 0.00	34.20 1.74 0.00
ASTORIA___3 23516	46.01 1.83 0.00	41.50 1.57 0.00	46.22 1.47 0.00	35.83 1.13 0.00	33.50 1.02 0.00	48.15 1.76 0.00	52.78 2.45 0.00	46.82 2.10 0.00	36.57 1.78 0.00	33.55 1.61 0.00	32.78 1.71 0.00	37.11 2.12 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.40 1.95 0.00	126.61 6.84 0.00	39.82 2.15 0.00	34.26 1.81 0.00
ASTORIA___4 23517	46.01 1.83 0.00	41.50 1.57 0.00	46.22 1.47 0.00	35.83 1.13 0.00	33.50 1.02 0.00	48.15 1.76 0.00	52.79 2.46 0.00	46.81 2.09 0.00	36.57 1.79 0.00	33.54 1.61 0.00	32.78 1.71 0.00	37.11 2.12 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.41 1.96 0.00	126.61 6.84 0.00	39.81 2.15 0.00	34.26 1.81 0.00
ASTORIA___5 23518	46.01 1.83 0.00	41.50 1.57 0.00	46.22 1.47 0.00	35.83 1.13 0.00	33.50 1.02 0.00	48.15 1.76 0.00	52.78 2.45 0.00	46.82 2.10 0.00	36.57 1.78 0.00	33.55 1.61 0.00	32.78 1.71 0.00	37.11 2.12 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.40 1.95 0.00	126.61 6.84 0.00	39.82 2.15 0.00	34.26 1.81 0.00
AST_ENERGY_2_CC3 323677	46.01 1.83 0.00	41.49 1.56 0.00	46.21 1.46 0.00	35.83 1.13 0.00	33.50 1.01 0.00	48.14 1.75 0.00	52.78 2.45 0.00	46.80 2.08 0.00	36.52 1.73 0.00	33.49 1.55 0.00	32.73 1.66 0.00	37.05 2.06 0.00	38.87 2.22 0.00	32.58 1.53 0.00	37.33 1.88 0.00	126.43 6.66 0.00	39.79 2.12 0.00	34.23 1.78 0.00
AST_ENERGY_2_CC4 323678	46.01 1.83 0.00	41.49 1.56 0.00	46.21 1.46 0.00	35.83 1.13 0.00	33.50 1.01 0.00	48.14 1.75 0.00	52.78 2.45 0.00	46.80 2.08 0.00	36.52 1.73 0.00	33.49 1.55 0.00	32.73 1.66 0.00	37.05 2.06 0.00	38.87 2.22 0.00	32.58 1.53 0.00	37.33 1.88 0.00	126.43 6.66 0.00	39.79 2.12 0.00	34.23 1.78 0.00

ATHENS_STG_1 23668	45.30 1.12 0.00	40.98 1.04 0.00	45.76 1.01 0.00	35.49 0.79 0.00	33.19 0.70 0.00	47.60 1.21 0.00	51.88 1.55 0.00	45.94 1.22 0.00	35.74 0.95 0.00	32.81 0.87 0.00	31.99 0.92 0.00	36.10 1.11 0.00	37.81 1.16 0.00	31.86 0.82 0.00	36.43 0.99 0.00	123.43 3.66 0.00	38.77 1.11 0.00	33.36 0.91 0.00
ATHENS_STG_2 23670	45.30 1.12 0.00	40.98 1.04 0.00	45.76 1.01 0.00	35.49 0.79 0.00	33.19 0.70 0.00	47.60 1.21 0.00	51.88 1.55 0.00	45.94 1.22 0.00	35.74 0.95 0.00	32.81 0.87 0.00	31.99 0.92 0.00	36.10 1.11 0.00	37.81 1.16 0.00	31.86 0.82 0.00	36.43 0.99 0.00	123.43 3.66 0.00	38.77 1.11 0.00	33.36 0.91 0.00
ATHENS_STG_3 23677	45.30 1.12 0.00	40.98 1.04 0.00	45.76 1.01 0.00	35.49 0.79 0.00	33.19 0.70 0.00	47.60 1.21 0.00	51.88 1.55 0.00	45.94 1.22 0.00	35.74 0.95 0.00	32.81 0.87 0.00	31.99 0.92 0.00	36.10 1.11 0.00	37.81 1.16 0.00	31.86 0.82 0.00	36.43 0.99 0.00	123.43 3.66 0.00	38.77 1.11 0.00	33.36 0.91 0.00
AUBURN___LFGE 323710	43.91 -0.27 0.00	39.81 -0.13 0.00	44.52 -0.23 0.00	34.48 -0.22 0.00	32.33 -0.15 0.00	46.22 -0.17 0.00	48.76 -0.22 1.35	44.58 -0.14 0.00	29.32 -0.14 5.32	31.82 -0.12 0.00	31.01 -0.06 0.00	34.87 -0.11 0.00	36.54 -0.11 0.00	30.95 -0.09 0.00	35.29 -0.16 0.00	93.88 -0.35 25.55	34.76 -0.18 2.72	32.30 -0.16 0.00
BABYLON_RES_REC 323704	47.68 2.59 -0.91	42.16 2.23 0.00	46.92 2.17 0.00	36.41 1.71 0.00	34.09 1.60 0.00	48.82 2.43 0.00	53.04 2.71 0.00	46.73 2.01 0.00	36.78 1.99 0.00	33.59 1.65 0.00	32.85 1.78 0.00	37.08 2.09 0.00	38.96 2.31 0.00	32.77 1.73 0.00	37.23 1.78 0.00	124.94 5.17 0.00	39.63 1.96 0.00	34.10 1.65 0.00
BALL_HILL_WT_PWR 323825	42.09 -2.09 0.00	37.98 -1.95 0.00	42.96 -1.79 0.00	33.10 -1.60 0.00	31.21 -1.28 0.00	44.03 -2.36 0.00	42.25 -3.07 5.01	42.31 -2.40 0.00	13.25 -1.77 19.77	30.53 -1.41 0.00	30.03 -1.04 0.00	33.73 -1.26 0.00	35.41 -1.24 0.00	30.36 -0.69 0.00	34.20 -1.24 0.00	18.27 -6.58 94.92	24.87 -2.69 10.09	29.98 -2.47 0.00
BARON_WINDS___WT_PWR 323822	42.02 -2.16 0.00	38.00 -1.94 0.00	42.92 -1.83 0.00	32.95 -1.75 0.00	31.11 -1.38 0.00	44.30 -2.09 0.00	40.13 -2.57 7.63	42.61 -2.11 0.00	2.92 -1.76 30.11	30.39 -1.55 0.00	29.98 -1.09 0.00	33.76 -1.23 0.00	35.41 -1.24 0.00	30.28 -0.76 0.00	34.20 -1.25 0.00	-31.30 -6.54 144.53	19.82 -2.47 15.37	30.34 -2.12 0.00
BARRETT_IC_1 23704	47.42 2.38 -0.86	42.06 2.13 0.00	46.81 2.06 0.00	36.31 1.61 0.00	33.98 1.49 0.00	48.66 2.27 0.00	52.85 2.52 0.00	46.49 1.77 0.00	36.68 1.89 0.00	33.66 1.72 0.00	32.97 1.90 0.00	37.25 2.26 0.00	39.10 2.45 0.00	32.88 1.83 0.00	37.32 1.88 0.00	124.48 4.72 0.00	39.35 1.69 0.00	33.87 1.42 0.00
BARRETT_IC_10 23701	47.42 2.38 -0.86	42.06 2.13 0.00	46.81 2.06 0.00	36.31 1.61 0.00	33.98 1.49 0.00	48.66 2.27 0.00	52.85 2.52 0.00	46.49 1.77 0.00	36.68 1.89 0.00	33.66 1.72 0.00	32.97 1.90 0.00	37.25 2.26 0.00	39.10 2.45 0.00	32.88 1.83 0.00	37.32 1.88 0.00	124.48 4.72 0.00	39.35 1.69 0.00	33.87 1.42 0.00
BARRETT_IC_11 23702	47.42 2.38 -0.86	42.06 2.13 0.00	46.81 2.06 0.00	36.31 1.61 0.00	33.98 1.49 0.00	48.66 2.27 0.00	52.85 2.52 0.00	46.49 1.77 0.00	36.68 1.89 0.00	33.66 1.72 0.00	32.97 1.90 0.00	37.25 2.26 0.00	39.10 2.45 0.00	32.88 1.83 0.00	37.32 1.88 0.00	124.48 4.72 0.00	39.35 1.69 0.00	33.87 1.42 0.00
BARRETT_IC_12 23703	47.42 2.38 -0.86	42.06 2.13 0.00	46.81 2.06 0.00	36.31 1.61 0.00	33.98 1.49 0.00	48.66 2.27 0.00	52.85 2.52 0.00	46.49 1.77 0.00	36.68 1.89 0.00	33.66 1.72 0.00	32.97 1.90 0.00	37.25 2.26 0.00	39.10 2.45 0.00	32.88 1.83 0.00	37.32 1.88 0.00	124.48 4.72 0.00	39.35 1.69 0.00	33.87 1.42 0.00
BARRETT_IC_2 23705	47.42 2.38 -0.86	42.06 2.13 0.00	46.81 2.06 0.00	36.31 1.61 0.00	33.98 1.49 0.00	48.66 2.27 0.00	52.85 2.52 0.00	46.49 1.77 0.00	36.68 1.89 0.00	33.66 1.72 0.00	32.97 1.90 0.00	37.25 2.26 0.00	39.10 2.45 0.00	32.88 1.83 0.00	37.32 1.88 0.00	124.48 4.72 0.00	39.35 1.69 0.00	33.87 1.42 0.00
BARRETT_IC_3 23706	47.42 2.38 -0.86	42.06 2.13 0.00	46.81 2.06 0.00	36.31 1.61 0.00	33.98 1.49 0.00	48.66 2.27 0.00	52.85 2.52 0.00	46.49 1.77 0.00	36.68 1.89 0.00	33.66 1.72 0.00	32.97 1.90 0.00	37.25 2.26 0.00	39.10 2.45 0.00	32.88 1.83 0.00	37.32 1.88 0.00	124.48 4.72 0.00	39.35 1.69 0.00	33.87 1.42 0.00
BARRETT_IC_4 23707	47.42 2.38 -0.86	42.06 2.13 0.00	46.81 2.06 0.00	36.31 1.61 0.00	33.98 1.49 0.00	48.66 2.27 0.00	52.85 2.52 0.00	46.49 1.77 0.00	36.68 1.89 0.00	33.66 1.72 0.00	32.97 1.90 0.00	37.25 2.26 0.00	39.10 2.45 0.00	32.88 1.83 0.00	37.32 1.88 0.00	124.48 4.72 0.00	39.35 1.69 0.00	33.87 1.42 0.00
BARRETT_IC_5 23708	47.42 2.38 -0.86	42.06 2.13 0.00	46.81 2.06 0.00	36.31 1.61 0.00	33.98 1.49 0.00	48.66 2.27 0.00	52.85 2.52 0.00	46.49 1.77 0.00	36.68 1.89 0.00	33.66 1.72 0.00	32.97 1.90 0.00	37.25 2.26 0.00	39.10 2.45 0.00	32.88 1.83 0.00	37.32 1.88 0.00	124.48 4.72 0.00	39.35 1.69 0.00	33.87 1.42 0.00

BARRETT_IC_6 23709	47.42 2.38 -0.86	42.06 2.13 0.00	46.81 2.06 0.00	36.31 1.61 0.00	33.98 1.49 0.00	48.66 2.27 0.00	52.85 2.52 0.00	46.49 1.77 0.00	36.68 1.89 0.00	33.66 1.72 0.00	32.97 1.90 0.00	37.25 2.26 0.00	39.10 2.45 0.00	32.88 1.83 0.00	37.32 1.88 0.00	124.48 4.72 0.00	39.35 1.69 0.00	33.87 1.42 0.00
BARRETT_IC_7 23710	47.42 2.38 -0.86	42.06 2.13 0.00	46.81 2.06 0.00	36.31 1.61 0.00	33.98 1.49 0.00	48.66 2.27 0.00	52.86 2.52 0.00	46.49 1.77 0.00	36.68 1.89 0.00	33.66 1.72 0.00	32.97 1.90 0.00	37.24 2.25 0.00	39.10 2.45 0.00	32.87 1.83 0.00	37.34 1.89 0.00	124.48 4.72 0.00	39.34 1.68 0.00	33.87 1.42 0.00
BARRETT_IC_8 23711	47.42 2.38 -0.86	42.06 2.13 0.00	46.81 2.06 0.00	36.31 1.61 0.00	33.98 1.49 0.00	48.66 2.27 0.00	52.85 2.52 0.00	46.49 1.77 0.00	36.68 1.89 0.00	33.66 1.72 0.00	32.97 1.90 0.00	37.25 2.26 0.00	39.10 2.45 0.00	32.88 1.83 0.00	37.32 1.88 0.00	124.48 4.72 0.00	39.35 1.69 0.00	33.87 1.42 0.00
BARRETT_IC_9 23700	47.42 2.38 -0.86	42.06 2.13 0.00	46.81 2.06 0.00	36.31 1.61 0.00	33.98 1.49 0.00	48.66 2.27 0.00	52.85 2.52 0.00	46.49 1.77 0.00	36.68 1.89 0.00	33.66 1.72 0.00	32.97 1.90 0.00	37.25 2.26 0.00	39.10 2.45 0.00	32.88 1.83 0.00	37.32 1.88 0.00	124.48 4.72 0.00	39.35 1.69 0.00	33.87 1.42 0.00
BARRETT__1 23545	47.42 2.38 -0.86	42.06 2.13 0.00	46.81 2.06 0.00	36.31 1.61 0.00	33.98 1.49 0.00	48.66 2.27 0.00	52.85 2.52 0.00	46.49 1.77 0.00	36.68 1.89 0.00	33.66 1.72 0.00	32.97 1.90 0.00	37.25 2.26 0.00	39.10 2.45 0.00	32.88 1.83 0.00	37.32 1.88 0.00	124.48 4.72 0.00	39.35 1.69 0.00	33.87 1.42 0.00
BARRETT__2 23546	47.42 2.38 -0.86	42.06 2.13 0.00	46.81 2.06 0.00	36.31 1.61 0.00	33.98 1.49 0.00	48.66 2.27 0.00	52.85 2.52 0.00	46.49 1.77 0.00	36.68 1.89 0.00	33.66 1.72 0.00	32.97 1.90 0.00	37.25 2.26 0.00	39.10 2.45 0.00	32.88 1.83 0.00	37.32 1.88 0.00	124.48 4.72 0.00	39.35 1.69 0.00	33.87 1.42 0.00
BATAVIA__115KV_TB1 55881	42.81 -1.37 0.00	38.63 -1.31 0.00	43.64 -1.11 0.00	33.76 -0.94 0.00	31.79 -0.69 0.00	44.80 -1.59 0.00	44.57 -2.09 3.67	43.19 -1.53 0.00	19.32 -1.01 14.47	31.04 -0.90 0.00	30.41 -0.67 0.00	34.10 -0.89 0.00	35.84 -0.80 0.00	30.86 -0.19 0.00	34.95 -0.50 0.00	47.01 -3.28 69.48	28.72 -1.56 7.39	31.06 -1.39 0.00
BAYONEEC__CTG1 323682	46.08 1.90 0.00	41.56 1.62 0.00	46.28 1.53 0.00	35.88 1.18 0.00	33.54 1.05 0.00	48.21 1.83 0.00	52.86 2.52 0.00	46.87 2.16 0.00	36.56 1.78 0.00	33.55 1.61 0.00	32.80 1.72 0.00	37.13 2.14 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.40 1.95 0.00	126.59 6.82 0.00	39.84 2.18 0.00	34.30 1.84 0.00
BAYONEEC__CTG10 323750	46.08 1.90 0.00	41.56 1.62 0.00	46.28 1.53 0.00	35.88 1.18 0.00	33.54 1.05 0.00	48.21 1.83 0.00	52.86 2.52 0.00	46.87 2.16 0.00	36.56 1.78 0.00	33.55 1.61 0.00	32.80 1.72 0.00	37.13 2.14 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.40 1.95 0.00	126.59 6.82 0.00	39.84 2.18 0.00	34.30 1.84 0.00
BAYONEEC__CTG2 323683	46.08 1.90 0.00	41.56 1.62 0.00	46.28 1.53 0.00	35.88 1.18 0.00	33.54 1.05 0.00	48.21 1.83 0.00	52.86 2.52 0.00	46.87 2.16 0.00	36.56 1.78 0.00	33.55 1.61 0.00	32.80 1.72 0.00	37.13 2.14 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.40 1.95 0.00	126.59 6.82 0.00	39.84 2.18 0.00	34.30 1.84 0.00
BAYONEEC__CTG3 323684	46.08 1.90 0.00	41.56 1.62 0.00	46.28 1.53 0.00	35.88 1.18 0.00	33.54 1.05 0.00	48.21 1.83 0.00	52.86 2.52 0.00	46.87 2.16 0.00	36.56 1.78 0.00	33.55 1.61 0.00	32.80 1.72 0.00	37.13 2.14 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.40 1.95 0.00	126.59 6.82 0.00	39.84 2.18 0.00	34.30 1.84 0.00
BAYONEEC__CTG4 323685	46.08 1.90 0.00	41.56 1.62 0.00	46.28 1.53 0.00	35.88 1.18 0.00	33.54 1.05 0.00	48.21 1.83 0.00	52.86 2.52 0.00	46.87 2.16 0.00	36.56 1.78 0.00	33.55 1.61 0.00	32.80 1.72 0.00	37.13 2.14 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.40 1.95 0.00	126.59 6.82 0.00	39.84 2.18 0.00	34.30 1.84 0.00
BAYONEEC__CTG5 323686	46.08 1.90 0.00	41.56 1.62 0.00	46.28 1.53 0.00	35.88 1.18 0.00	33.54 1.05 0.00	48.21 1.83 0.00	52.86 2.52 0.00	46.87 2.16 0.00	36.56 1.78 0.00	33.55 1.61 0.00	32.80 1.72 0.00	37.13 2.14 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.40 1.95 0.00	126.59 6.82 0.00	39.84 2.18 0.00	34.30 1.84 0.00
BAYONEEC__CTG6 323687	46.08 1.90 0.00	41.56 1.62 0.00	46.28 1.53 0.00	35.88 1.18 0.00	33.54 1.05 0.00	48.21 1.83 0.00	52.86 2.52 0.00	46.87 2.16 0.00	36.56 1.78 0.00	33.55 1.61 0.00	32.80 1.72 0.00	37.13 2.14 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.40 1.95 0.00	126.59 6.82 0.00	39.84 2.18 0.00	34.30 1.84 0.00
BAYONEEC__CTG7 323688	46.08 1.90 0.00	41.56 1.62 0.00	46.28 1.53 0.00	35.88 1.18 0.00	33.54 1.05 0.00	48.21 1.83 0.00	52.86 2.52 0.00	46.87 2.16 0.00	36.56 1.78 0.00	33.55 1.61 0.00	32.80 1.72 0.00	37.13 2.14 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.40 1.95 0.00	126.59 6.82 0.00	39.84 2.18 0.00	34.30 1.84 0.00

BAYONEEC___CTG8 323689	46.08 1.90 0.00	41.56 1.62 0.00	46.28 1.53 0.00	35.88 1.18 0.00	33.54 1.05 0.00	48.21 1.83 0.00	52.86 2.52 0.00	46.87 2.16 0.00	36.56 1.78 0.00	33.55 1.61 0.00	32.80 1.72 0.00	37.13 2.14 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.40 1.95 0.00	126.59 6.82 0.00	39.84 2.18 0.00	34.30 1.84 0.00
BAYONEEC___CTG9 323749	46.08 1.90 0.00	41.56 1.62 0.00	46.28 1.53 0.00	35.88 1.18 0.00	33.54 1.05 0.00	48.21 1.83 0.00	52.86 2.52 0.00	46.87 2.16 0.00	36.56 1.78 0.00	33.55 1.61 0.00	32.80 1.72 0.00	37.13 2.14 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.40 1.95 0.00	126.59 6.82 0.00	39.84 2.18 0.00	34.30 1.84 0.00
BEACON___LESR 323632	45.60 1.42 0.00	41.49 1.56 0.00	46.38 1.63 0.00	36.00 1.31 0.00	33.64 1.15 0.00	48.07 1.68 0.00	52.14 1.80 0.00	46.17 1.45 0.00	35.85 1.06 0.00	32.87 0.93 0.00	31.85 0.77 0.00	35.82 0.83 0.00	37.54 0.89 0.00	31.63 0.59 0.00	36.21 0.77 0.00	123.05 3.28 0.00	38.79 1.13 0.00	33.30 0.84 0.00
BEAVER RIVER___HYD 24048	42.34 -1.84 0.00	38.51 -1.42 0.00	43.65 -1.11 0.00	34.02 -0.68 0.00	31.89 -0.59 0.00	45.55 -0.84 0.00	50.06 -0.28 0.00	44.84 0.12 0.00	34.94 0.15 0.00	32.05 0.11 0.00	30.90 -0.17 0.00	34.96 -0.03 0.00	36.49 -0.16 0.00	31.12 0.08 0.00	35.49 0.04 0.00	121.12 1.35 0.00	38.19 0.53 0.00	32.97 0.52 0.00
BEEBEE_GT_13 23619	43.24 -0.94 0.00	38.99 -0.95 0.00	43.85 -0.90 0.00	33.95 -0.75 0.00	31.90 -0.59 0.00	45.19 -1.20 0.00	46.30 -1.48 2.56	43.64 -1.08 0.00	23.97 -0.74 10.08	31.30 -0.64 0.00	30.58 -0.49 0.00	34.41 -0.58 0.00	36.07 -0.58 0.00	30.89 -0.15 0.00	35.06 -0.39 0.00	69.05 -2.32 48.39	31.51 -1.00 5.15	31.55 -0.90 0.00
BENSHRST_27_KV_BENSHRST_1 355998	46.45 2.27 0.00	41.87 1.94 0.00	46.63 1.88 0.00	36.15 1.45 0.00	33.78 1.30 0.00	48.57 2.19 0.00	53.32 2.98 0.00	47.29 2.57 0.00	36.91 2.13 0.00	33.84 1.90 0.00	33.07 2.00 0.00	37.46 2.47 0.00	39.30 2.65 0.00	32.94 1.89 0.00	37.77 2.32 0.00	127.82 8.05 0.00	40.15 2.49 0.00	34.62 2.17 0.00
BETHLEHEM___GRP 23843	45.02 0.84 0.00	41.05 1.12 0.00	45.86 1.11 0.00	35.62 0.92 0.00	33.27 0.78 0.00	47.43 1.04 0.00	51.33 1.00 0.00	45.45 0.74 0.00	35.32 0.53 0.00	32.41 0.48 0.00	31.48 0.41 0.00	35.50 0.51 0.00	37.17 0.53 0.00	31.33 0.29 0.00	35.87 0.43 0.00	121.75 1.98 0.00	38.33 0.67 0.00	32.87 0.42 0.00
BETHLEHEM___GS1 323560	45.02 0.84 0.00	41.05 1.12 0.00	45.86 1.11 0.00	35.62 0.92 0.00	33.27 0.78 0.00	47.43 1.04 0.00	51.33 1.00 0.00	45.45 0.73 0.00	35.32 0.53 0.00	32.41 0.47 0.00	31.48 0.41 0.00	35.50 0.51 0.00	37.17 0.52 0.00	31.33 0.29 0.00	35.87 0.43 0.00	121.73 1.96 0.00	38.33 0.66 0.00	32.87 0.42 0.00
BETHLEHEM___GS2 323561	45.02 0.84 0.00	41.05 1.12 0.00	45.86 1.11 0.00	35.62 0.92 0.00	33.27 0.78 0.00	47.43 1.04 0.00	51.33 1.00 0.00	45.45 0.73 0.00	35.32 0.53 0.00	32.41 0.47 0.00	31.48 0.41 0.00	35.50 0.51 0.00	37.17 0.52 0.00	31.33 0.29 0.00	35.87 0.43 0.00	121.73 1.96 0.00	38.33 0.66 0.00	32.87 0.42 0.00
BETHLEHEM___GS3 323562	45.02 0.84 0.00	41.05 1.12 0.00	45.86 1.11 0.00	35.62 0.92 0.00	33.27 0.78 0.00	47.43 1.04 0.00	51.33 1.00 0.00	45.45 0.73 0.00	35.32 0.53 0.00	32.41 0.47 0.00	31.48 0.41 0.00	35.50 0.51 0.00	37.17 0.52 0.00	31.33 0.29 0.00	35.87 0.43 0.00	121.73 1.96 0.00	38.33 0.66 0.00	32.87 0.42 0.00
BETHLEHEM___STEEL 23779	41.87 -2.31 0.00	37.77 -2.17 0.00	42.75 -2.00 0.00	32.98 -1.72 0.00	31.09 -1.39 0.00	43.75 -2.64 0.00	42.11 -3.34 4.88	42.07 -2.65 0.00	13.66 -1.89 19.25	30.35 -1.59 0.00	29.79 -1.28 0.00	33.46 -1.53 0.00	35.13 -1.52 0.00	30.20 -0.84 0.00	34.05 -1.40 0.00	20.53 -6.81 92.43	25.12 -2.72 9.83	29.97 -2.48 0.00
BETHLHEM_115KV_TB1 79974	45.07 0.88 0.00	41.04 1.10 0.00	45.85 1.10 0.00	35.60 0.90 0.00	33.25 0.77 0.00	47.45 1.06 0.00	51.40 1.06 0.00	45.52 0.80 0.00	35.37 0.58 0.00	32.46 0.53 0.00	31.54 0.47 0.00	35.56 0.57 0.00	37.23 0.58 0.00	31.39 0.35 0.00	35.93 0.49 0.00	121.90 2.13 0.00	38.37 0.71 0.00	32.94 0.49 0.00
BETHPAGE_CC_5 323564	47.63 2.49 -0.96	42.08 2.14 0.00	46.83 2.08 0.00	36.33 1.63 0.00	34.01 1.52 0.00	48.72 2.33 0.00	52.98 2.64 0.00	46.71 1.99 0.00	36.75 1.96 0.00	33.63 1.69 0.00	32.90 1.83 0.00	37.18 2.19 0.00	39.05 2.40 0.00	32.82 1.78 0.00	37.30 1.85 0.00	125.15 5.38 0.00	39.57 1.91 0.00	34.07 1.61 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	41.92 -2.26 0.00	37.81 -2.12 0.00	42.80 -1.95 0.00	33.01 -1.69 0.00	31.12 -1.36 0.00	43.81 -2.58 0.00	42.14 -3.24 4.96	42.14 -2.58 0.00	13.42 -1.82 19.55	30.41 -1.53 0.00	29.86 -1.21 0.00	33.54 -1.45 0.00	35.21 -1.44 0.00	30.27 -0.78 0.00	34.13 -1.32 0.00	19.30 -6.57 93.90	25.06 -2.62 9.98	30.04 -2.42 0.00
BINGHAMTON___COGEN 23790	44.16 -0.02 0.00	39.91 -0.03 0.00	44.71 -0.04 0.00	34.60 -0.10 0.00	32.44 -0.04 0.00	46.32 -0.07 0.00	54.85 -0.03 -4.55	44.68 -0.04 0.00	52.69 -0.06 -17.96	31.91 -0.03 0.00	31.15 0.08 0.00	35.10 0.11 0.00	36.78 0.13 0.00	31.21 0.17 0.00	35.55 0.10 0.00	206.03 0.06 -86.20	46.77 -0.07 -9.17	32.36 -0.09 0.00

BIXINCNT_115KV_LOAD 355685	42.09 -2.10 0.00	38.00 -1.93 0.00	43.12 -1.63 0.00	33.23 -1.46 0.00	31.35 -1.13 0.00	44.24 -2.15 0.00	42.43 -2.60 5.30	42.73 -1.99 0.00	12.48 -1.39 20.92	30.80 -1.14 0.00	30.34 -0.73 0.00	34.11 -0.88 0.00	35.73 -0.92 0.00	30.67 -0.37 0.00	34.59 -0.86 0.00	14.26 -5.06 100.45	24.94 -2.04 10.68	30.50 -1.95 0.00
BLACK RIVER___HYD 24047	42.05 -2.13 0.00	38.30 -1.63 0.00	43.56 -1.19 0.00	34.01 -0.69 0.00	31.88 -0.60 0.00	45.52 -0.86 0.00	50.25 -0.09 0.00	45.12 0.40 0.00	35.20 0.41 0.00	32.26 0.32 0.00	31.14 0.06 0.00	35.23 0.24 0.00	36.74 0.09 0.00	31.53 0.49 0.00	35.68 0.24 0.00	122.42 2.65 0.00	38.57 0.91 0.00	33.33 0.88 0.00
BLACKRVR_115KV_TB2 79977	42.05 -2.13 0.00	38.30 -1.63 0.00	43.56 -1.19 0.00	34.01 -0.69 0.00	31.88 -0.60 0.00	45.52 -0.87 0.00	50.25 -0.09 0.00	45.12 0.40 0.00	35.20 0.41 0.00	32.26 0.32 0.00	31.14 0.06 0.00	35.23 0.24 0.00	36.74 0.09 0.00	31.54 0.49 0.00	35.68 0.23 0.00	122.42 2.65 0.00	38.58 0.92 0.00	33.33 0.88 0.00
BLDWN_LI_69_KV_BK4 356085	47.93 2.69 -1.06	42.29 2.35 0.00	47.05 2.30 0.00	36.49 1.79 0.00	34.16 1.68 0.00	48.95 2.57 0.00	53.23 2.90 0.00	46.92 2.20 0.00	36.90 2.11 0.00	33.79 1.85 0.00	33.08 2.01 0.00	37.37 2.38 0.00	39.22 2.58 0.00	33.00 1.95 0.00	37.49 2.04 0.00	125.66 5.89 0.00	39.71 2.05 0.00	34.20 1.75 0.00
BLISS_WT_PWR 323608	42.02 -2.17 0.00	37.97 -1.96 0.00	43.10 -1.66 0.00	33.23 -1.46 0.00	31.35 -1.14 0.00	44.24 -2.15 0.00	42.40 -2.63 5.30	42.78 -1.94 0.00	12.52 -1.35 20.92	30.82 -1.12 0.00	30.38 -0.70 0.00	34.15 -0.84 0.00	35.76 -0.88 0.00	30.70 -0.35 0.00	34.63 -0.82 0.00	14.36 -4.96 100.45	24.90 -2.08 10.68	30.54 -1.92 0.00
BLUESTONE___WT_PWR 323821	45.28 1.10 0.00	41.02 1.08 0.00	45.93 1.18 0.00	35.54 0.84 0.00	33.34 0.85 0.00	48.15 1.76 0.00	54.45 2.29 -1.83	46.64 1.92 0.00	43.32 1.30 -7.23	33.09 1.15 0.00	32.17 1.10 0.00	36.44 1.45 0.00	38.00 1.35 0.00	32.07 1.03 0.00	36.53 1.09 0.00	157.41 2.94 -34.71	42.06 0.71 -3.69	33.10 0.65 0.00
BLUE_CIRC_CHEM_DRP 24182	45.45 1.27 0.00	41.26 1.32 0.00	46.13 1.38 0.00	35.80 1.11 0.00	33.47 0.98 0.00	47.83 1.44 0.00	51.87 1.54 0.00	45.90 1.18 0.00	35.65 0.85 0.00	32.68 0.74 0.00	31.72 0.65 0.00	35.74 0.75 0.00	37.48 0.83 0.00	31.58 0.54 0.00	36.15 0.70 0.00	122.53 2.76 0.00	38.60 0.94 0.00	33.20 0.75 0.00
BOC_GAS_DRP 24189	45.09 0.90 0.00	40.89 0.95 0.00	45.70 0.94 0.00	35.46 0.76 0.00	33.15 0.66 0.00	47.41 1.02 0.00	51.49 1.16 0.00	45.60 0.88 0.00	35.46 0.67 0.00	32.55 0.61 0.00	31.67 0.60 0.00	35.69 0.70 0.00	37.37 0.72 0.00	31.53 0.49 0.00	36.06 0.62 0.00	122.23 2.46 0.00	38.42 0.75 0.00	33.04 0.59 0.00
BOONVILLE_115KV_TB1 79983	44.12 -0.06 0.00	40.01 0.07 0.00	45.10 0.34 0.00	35.04 0.34 0.00	32.84 0.36 0.00	46.95 0.56 0.00	51.33 0.99 0.00	45.80 1.08 0.00	35.63 0.84 0.00	32.65 0.71 0.00	31.46 0.39 0.00	35.61 0.62 0.00	37.25 0.60 0.00	31.66 0.62 0.00	36.30 0.85 0.00	123.42 3.64 0.00	38.86 1.20 0.00	33.49 1.04 0.00
BORALEX_4TH_BRANCH 23824	46.55 2.37 0.00	42.18 2.24 0.00	47.15 2.40 0.00	36.54 1.85 0.00	34.20 1.72 0.00	49.08 2.69 0.00	53.09 2.76 0.00	46.93 2.21 0.00	36.35 1.56 0.00	33.43 1.49 0.00	32.34 1.27 0.00	36.27 1.27 0.00	37.81 1.17 0.00	31.85 0.81 0.00	36.56 1.11 0.00	124.72 4.95 0.00	39.23 1.56 0.00	33.69 1.24 0.00
BOWLINE___1 23526	45.76 1.58 0.00	41.28 1.35 0.00	46.01 1.26 0.00	35.67 0.97 0.00	33.34 0.85 0.00	47.90 1.52 0.00	52.48 2.15 0.00	46.50 1.78 0.00	36.21 1.41 0.00	33.19 1.26 0.00	32.48 1.40 0.00	36.77 1.78 0.00	38.52 1.87 0.00	32.38 1.34 0.00	37.05 1.60 0.00	125.43 5.66 0.00	39.45 1.79 0.00	33.94 1.49 0.00
BOWLINE___2 23595	45.76 1.58 0.00	41.28 1.35 0.00	46.01 1.26 0.00	35.67 0.97 0.00	33.34 0.85 0.00	47.91 1.52 0.00	52.48 2.15 0.00	46.50 1.78 0.00	36.21 1.41 0.00	33.19 1.26 0.00	32.48 1.40 0.00	36.77 1.78 0.00	38.52 1.87 0.00	32.38 1.34 0.00	37.05 1.61 0.00	125.44 5.67 0.00	39.45 1.79 0.00	33.94 1.49 0.00
BRADY___115KV_TB2 356060	44.15 -0.03 0.00	39.85 -0.09 0.00	44.84 0.09 0.00	34.78 0.08 0.00	32.62 0.14 0.00	46.61 0.22 0.00	50.57 0.24 0.00	45.10 0.38 0.00	35.04 0.25 0.00	32.21 0.27 0.00	31.20 0.12 0.00	34.99 0.00 0.00	36.60 -0.05 0.00	31.20 0.16 0.00	35.66 0.21 0.00	119.81 0.04 0.00	37.87 0.21 0.00	32.74 0.29 0.00
BRANSCOMB___SOLAR 323811	46.18 2.00 0.00	41.80 1.87 0.00	46.81 2.06 0.00	36.29 1.59 0.00	33.93 1.45 0.00	48.77 2.38 0.00	52.96 2.63 0.00	46.84 2.12 0.00	36.25 1.46 0.00	33.07 1.13 0.00	31.89 0.81 0.00	35.80 0.81 0.00	37.48 0.84 0.00	31.70 0.66 0.00	36.37 0.93 0.00	124.03 4.26 0.00	39.11 1.45 0.00	33.84 1.39 0.00
BRDGHMPT_69_KV_BK1 55812	47.89 2.89 -0.82	42.54 2.60 0.00	47.33 2.58 0.00	36.57 1.87 0.00	34.33 1.85 0.00	49.33 2.94 0.00	53.48 3.15 0.00	46.85 2.13 0.00	36.92 2.13 0.00	33.30 1.36 0.00	25.08 1.00 6.99	25.77 0.98 10.20	34.73 1.42 3.34	32.50 1.46 0.00	37.18 1.74 0.00	125.02 5.25 0.00	40.05 2.39 0.00	34.90 2.45 0.00

BRENTWOD_69_KV_W. BRTWOOD 56703	47.75 2.74 -0.83	42.32 2.39 0.00	47.10 2.35 0.00	36.55 1.86 0.00	34.23 1.74 0.00	48.99 2.60 0.00	53.17 2.84 0.00	46.82 2.10 0.00	36.89 2.10 0.00	33.67 1.73 0.00	32.90 1.83 0.00	37.11 2.12 0.00	38.98 2.33 0.00	32.80 1.76 0.00	37.30 1.86 0.00	124.92 5.15 0.00	39.63 1.96 0.00	34.13 1.68 0.00
BRISTLHL_115KV_TB1 79998	42.83 -1.36 0.00	38.71 -1.22 0.00	43.40 -1.35 0.00	33.65 -1.05 0.00	31.50 -0.99 0.00	44.81 -1.59 0.00	48.52 -1.81 0.00	43.17 -1.55 0.00	33.61 -1.18 0.00	30.85 -1.09 0.00	30.06 -1.01 0.00	33.83 -1.16 0.00	35.43 -1.22 0.00	30.10 -0.95 0.00	34.28 -1.16 0.00	115.82 -3.95 0.00	36.43 -1.23 0.00	31.38 -1.07 0.00
BROOKHAVEN__DRP 24191	47.62 2.62 -0.82	42.22 2.29 0.00	46.98 2.23 0.00	36.48 1.78 0.00	34.19 1.71 0.00	48.91 2.52 0.00	52.95 2.61 0.00	46.59 1.87 0.00	36.78 1.99 0.00	33.39 1.45 0.00	25.73 1.35 6.70	26.76 1.54 9.76	35.20 1.75 3.20	32.39 1.35 0.00	36.82 1.37 0.00	123.23 3.46 0.00	39.43 1.77 0.00	34.15 1.70 0.00
BROOKLYN_NAVY_YARD 23515	45.90 1.73 0.01	41.39 1.46 0.00	46.10 1.35 0.00	35.73 1.04 0.01	33.41 0.93 0.01	48.04 1.65 0.00	52.68 2.35 0.00	46.71 2.00 0.00	36.44 1.65 0.00	33.43 1.49 0.00	32.66 1.60 0.01	36.98 1.99 0.01	38.78 2.14 0.01	32.53 1.49 0.00	37.25 1.81 0.01	126.19 6.42 0.00	39.69 2.03 0.01	34.16 1.71 0.00
BROOKLYN__ARMY_DRP 323595	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.01 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.08 2.36 0.00	36.74 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.57 2.13 0.00	127.15 7.38 0.00	39.97 2.30 0.00	34.42 1.97 0.00
BROOME_2_LFGE 323671	44.16 -0.02 0.00	39.91 -0.03 0.00	44.71 -0.04 0.00	34.60 -0.10 0.00	32.44 -0.04 0.00	46.32 -0.07 0.00	54.84 -0.04 -4.55	44.68 -0.04 0.00	52.70 -0.05 -17.96	31.91 -0.03 0.00	31.15 0.08 0.00	35.10 0.11 0.00	36.78 0.13 0.00	31.21 0.17 0.00	35.56 0.11 0.00	206.03 0.06 -86.20	46.75 -0.08 -9.17	32.36 -0.09 0.00
BROOME__LFGE 323600	44.16 -0.02 0.00	39.91 -0.03 0.00	44.71 -0.04 0.00	34.60 -0.10 0.00	32.44 -0.04 0.00	46.32 -0.07 0.00	54.84 -0.04 -4.55	44.68 -0.04 0.00	52.70 -0.05 -17.96	31.91 -0.03 0.00	31.15 0.08 0.00	35.10 0.11 0.00	36.78 0.13 0.00	31.21 0.17 0.00	35.56 0.11 0.00	206.03 0.06 -86.20	46.75 -0.08 -9.17	32.36 -0.09 0.00
BROWNFLS_115KV_TB_3_5 80003	42.26 -1.93 0.00	38.32 -1.62 0.00	43.31 -1.45 0.00	33.69 -1.01 0.00	31.58 -0.91 0.00	45.12 -1.27 0.00	49.35 -0.99 0.00	44.15 -0.57 0.00	34.37 -0.42 0.00	31.55 -0.39 0.00	30.48 -0.59 0.00	34.37 -0.62 0.00	35.95 -0.70 0.00	30.64 -0.41 0.00	34.96 -0.48 0.00	118.61 -1.16 0.00	37.42 -0.24 0.00	32.26 -0.20 0.00
BROWNSV1_27_KV_LOAD 356125	46.33 2.15 0.00	41.77 1.84 0.00	46.52 1.76 0.00	36.05 1.35 0.00	33.70 1.22 0.00	48.46 2.08 0.00	53.15 2.82 0.00	47.14 2.42 0.00	36.78 1.99 0.00	33.74 1.80 0.00	32.98 1.91 0.00	37.33 2.34 0.00	39.14 2.49 0.00	32.83 1.79 0.00	37.61 2.16 0.00	127.31 7.54 0.00	40.06 2.40 0.00	34.49 2.04 0.00
BURROWS__LYONSDAL 23803	43.66 -0.53 0.00	39.64 -0.30 0.00	44.74 -0.02 0.00	34.79 0.10 0.00	32.61 0.13 0.00	46.62 0.23 0.00	51.03 0.70 0.00	45.57 0.85 0.00	35.47 0.68 0.00	32.52 0.59 0.00	31.33 0.26 0.00	35.47 0.48 0.00	37.07 0.43 0.00	31.52 0.47 0.00	36.12 0.67 0.00	122.93 3.16 0.00	38.72 1.05 0.00	33.39 0.94 0.00
CAITHNESS_CC_1 323624	47.53 2.53 -0.82	42.15 2.21 0.00	46.90 2.15 0.00	36.42 1.72 0.00	34.13 1.65 0.00	48.82 2.43 0.00	52.88 2.54 0.00	46.52 1.80 0.00	36.74 1.95 0.00	33.39 1.45 0.00	25.78 1.40 6.70	26.82 1.60 9.76	35.26 1.81 3.20	32.43 1.39 0.00	36.83 1.39 0.00	123.31 3.54 0.00	39.42 1.76 0.00	34.07 1.61 0.00
CALPINE BETH_PAGE_GT4 24209	47.73 2.53 -1.01	42.12 2.18 0.00	46.87 2.12 0.00	36.35 1.66 0.00	34.03 1.55 0.00	48.76 2.37 0.00	53.04 2.71 0.00	46.76 2.04 0.00	36.79 1.99 0.00	33.66 1.72 0.00	32.95 1.88 0.00	37.23 2.24 0.00	39.11 2.46 0.00	32.87 1.83 0.00	37.37 1.92 0.00	125.34 5.57 0.00	39.53 1.87 0.00	34.03 1.58 0.00
CALPINE_BETH_PAGE_GT_4 323586	47.72 2.53 -1.01	42.11 2.18 0.00	46.87 2.12 0.00	36.35 1.66 0.00	34.03 1.55 0.00	48.76 2.37 0.00	53.04 2.71 0.00	46.76 2.04 0.00	36.79 2.00 0.00	33.67 1.72 0.00	32.95 1.88 0.00	37.23 2.24 0.00	39.11 2.46 0.00	32.88 1.83 0.00	37.36 1.91 0.00	125.34 5.57 0.00	39.55 1.89 0.00	34.03 1.58 0.00
CALPINE_BP_GT1 23823	47.72 2.53 -1.01	42.11 2.18 0.00	46.87 2.12 0.00	36.35 1.66 0.00	34.03 1.55 0.00	48.76 2.37 0.00	53.04 2.71 0.00	46.76 2.04 0.00	36.79 2.00 0.00	33.67 1.72 0.00	32.95 1.88 0.00	37.23 2.24 0.00	39.11 2.46 0.00	32.88 1.83 0.00	37.36 1.91 0.00	125.34 5.57 0.00	39.55 1.89 0.00	34.03 1.58 0.00
CALSPAN__DRP 24200	41.87 -2.31 0.00	37.77 -2.17 0.00	42.75 -2.00 0.00	32.98 -1.72 0.00	31.09 -1.39 0.00	43.75 -2.64 0.00	42.11 -3.34 4.88	42.07 -2.65 0.00	13.66 -1.89 19.25	30.35 -1.59 0.00	29.79 -1.28 0.00	33.46 -1.53 0.00	35.13 -1.52 0.00	30.20 -0.84 0.00	34.05 -1.40 0.00	20.53 -6.81 92.43	25.12 -2.72 9.83	29.97 -2.48 0.00

CALVERTON___SOLAR 323806	47.70 2.70 -0.82	42.30 2.36 0.00	47.07 2.31 0.00	36.53 1.83 0.00	34.24 1.76 0.00	49.00 2.62 0.00	53.04 2.71 0.00	46.64 1.92 0.00	36.83 2.04 0.00	33.37 1.42 0.00	26.17 1.30 6.20	27.40 1.46 9.04	35.39 1.70 2.96	32.36 1.32 0.00	36.80 1.35 0.00	123.24 3.47 0.00	39.50 1.83 0.00	34.25 1.80 0.00
CANDIGU_WT_PWR 323617	42.02 -2.16 0.00	38.00 -1.94 0.00	42.92 -1.83 0.00	32.95 -1.75 0.00	31.11 -1.38 0.00	44.30 -2.09 0.00	40.13 -2.57 7.63	42.61 -2.11 0.00	2.92 -1.76 30.11	30.39 -1.55 0.00	29.98 -1.09 0.00	33.76 -1.23 0.00	35.41 -1.24 0.00	30.28 -0.76 0.00	34.20 -1.25 0.00	-31.30 -6.54 144.53	19.82 -2.47 15.37	30.34 -2.12 0.00
CARR STREET_E__SYR 24060	43.56 -0.63 0.00	39.37 -0.57 0.00	44.12 -0.63 0.00	34.20 -0.50 0.00	32.03 -0.46 0.00	45.59 -0.80 0.00	49.38 -0.96 0.00	43.92 -0.80 0.00	34.19 -0.61 0.00	31.39 -0.55 0.00	30.59 -0.49 0.00	34.44 -0.55 0.00	36.07 -0.58 0.00	30.65 -0.40 0.00	34.93 -0.52 0.00	117.87 -1.90 0.00	37.04 -0.63 0.00	31.90 -0.55 0.00
CARTHAGE___PAPER 23857	42.24 -1.94 0.00	38.44 -1.50 0.00	43.64 -1.11 0.00	34.04 -0.66 0.00	31.91 -0.58 0.00	45.56 -0.82 0.00	50.21 -0.12 0.00	45.04 0.32 0.00	35.11 0.32 0.00	32.20 0.26 0.00	31.06 -0.01 0.00	35.15 0.16 0.00	36.63 -0.02 0.00	31.38 0.33 0.00	35.61 0.16 0.00	121.79 2.02 0.00	38.43 0.76 0.00	33.17 0.71 0.00
CASSADAGA_WT_PWR 323784	42.60 -1.58 0.00	38.47 -1.47 0.00	43.48 -1.28 0.00	33.51 -1.19 0.00	31.62 -0.87 0.00	44.77 -1.62 0.00	42.96 -2.15 5.22	43.16 -1.56 0.00	13.02 -1.18 20.59	31.17 -0.77 0.00	30.70 -0.38 0.00	34.50 -0.49 0.00	36.23 -0.42 0.00	30.96 -0.09 0.00	34.86 -0.59 0.00	16.03 -4.87 98.87	24.87 -2.27 10.51	30.11 -2.34 0.00
CE_DUNWOOD___DRP 24194	45.93 1.75 0.00	41.44 1.50 0.00	46.16 1.41 0.00	35.80 1.10 0.00	33.47 0.98 0.00	48.09 1.70 0.00	52.68 2.35 0.00	46.68 1.96 0.00	36.40 1.61 0.00	33.37 1.43 0.00	32.63 1.56 0.00	36.92 1.93 0.00	38.70 2.05 0.00	32.52 1.47 0.00	37.21 1.76 0.00	125.91 6.14 0.00	39.61 1.95 0.00	34.10 1.65 0.00
CE_MILLWOOD___DRP 24193	45.85 1.67 0.00	41.36 1.43 0.00	46.11 1.36 0.00	35.75 1.05 0.00	33.41 0.93 0.00	48.01 1.63 0.00	52.60 2.27 0.00	46.61 1.89 0.00	36.32 1.53 0.00	33.30 1.36 0.00	32.57 1.50 0.00	36.85 1.86 0.00	38.61 1.96 0.00	32.45 1.41 0.00	37.14 1.69 0.00	125.67 5.90 0.00	39.53 1.87 0.00	34.03 1.58 0.00
CE_NYC2_DRP 24202	46.05 1.87 0.00	41.53 1.60 0.00	46.24 1.49 0.00	35.86 1.16 0.00	33.51 1.03 0.00	48.18 1.80 0.00	52.83 2.50 0.00	46.85 2.13 0.00	36.59 1.81 0.00	33.57 1.63 0.00	32.82 1.74 0.00	37.14 2.15 0.00	38.97 2.32 0.00	32.69 1.65 0.00	37.44 1.99 0.00	126.71 6.94 0.00	39.84 2.18 0.00	34.30 1.84 0.00
CE_NYC_DRP 24195	46.13 1.94 0.00	41.60 1.66 0.00	46.33 1.58 0.00	35.91 1.21 0.00	33.57 1.09 0.00	48.25 1.87 0.00	52.91 2.58 0.00	46.93 2.21 0.00	36.62 1.83 0.00	33.59 1.65 0.00	32.84 1.77 0.00	37.17 2.18 0.00	38.99 2.34 0.00	32.70 1.66 0.00	37.46 2.01 0.00	126.80 7.03 0.00	39.89 2.23 0.00	34.33 1.88 0.00
CHAFFEE___LFGE 323603	41.82 -2.36 0.00	37.73 -2.21 0.00	42.70 -2.05 0.00	32.93 -1.77 0.00	31.04 -1.44 0.00	43.71 -2.68 0.00	41.84 -3.40 5.09	42.04 -2.68 0.00	12.80 -1.91 20.08	30.33 -1.61 0.00	29.78 -1.29 0.00	33.45 -1.54 0.00	35.12 -1.53 0.00	30.19 -0.86 0.00	34.03 -1.42 0.00	16.44 -6.90 96.43	24.63 -2.79 10.25	29.98 -2.48 0.00
CHATEAUG_35_KV_LOAD 355732	44.16 -0.02 0.00	39.82 -0.12 0.00	44.78 0.02 0.00	34.68 -0.02 0.00	32.53 0.05 0.00	46.56 0.17 0.00	50.51 0.18 0.00	45.12 0.40 0.00	35.06 0.27 0.00	32.23 0.29 0.00	31.22 0.15 0.00	35.10 0.11 0.00	36.78 0.13 0.00	31.22 0.17 0.00	35.66 0.22 0.00	120.25 0.48 0.00	37.94 0.28 0.00	32.74 0.29 0.00
CHATEAUG_WT_PWR 323614	44.15 -0.03 0.00	39.82 -0.12 0.00	44.77 0.01 0.00	34.66 -0.04 0.00	32.53 0.05 0.00	46.54 0.15 0.00	50.48 0.15 0.00	45.07 0.36 0.00	35.06 0.27 0.00	32.24 0.30 0.00	31.24 0.17 0.00	35.11 0.12 0.00	36.80 0.15 0.00	31.24 0.19 0.00	35.70 0.25 0.00	120.38 0.61 0.00	37.93 0.27 0.00	32.74 0.29 0.00
CHAT_HIGH_FALL_HYD 323578	44.16 -0.02 0.00	39.82 -0.12 0.00	44.78 0.02 0.00	34.68 -0.02 0.00	32.53 0.05 0.00	46.56 0.17 0.00	50.51 0.18 0.00	45.12 0.40 0.00	35.06 0.27 0.00	32.23 0.29 0.00	31.22 0.15 0.00	35.10 0.11 0.00	36.78 0.13 0.00	31.22 0.17 0.00	35.66 0.22 0.00	120.25 0.48 0.00	37.94 0.28 0.00	32.74 0.29 0.00
CHAUTAUQUA___LFGE 323629	42.49 -1.69 0.00	38.35 -1.58 0.00	43.34 -1.41 0.00	33.37 -1.33 0.00	31.47 -1.02 0.00	44.51 -1.88 0.00	42.71 -2.52 5.10	42.81 -1.91 0.00	13.24 -1.44 20.11	30.89 -1.05 0.00	30.42 -0.66 0.00	34.16 -0.83 0.00	35.88 -0.77 0.00	30.69 -0.35 0.00	34.55 -0.90 0.00	17.45 -5.75 96.57	24.97 -2.42 10.27	30.21 -2.25 0.00
CHERRYST_13_KV_LD 356241	46.24 2.05 0.00	41.69 1.76 0.00	46.43 1.68 0.00	36.00 1.31 0.00	33.66 1.17 0.00	48.38 1.99 0.00	53.06 2.73 0.00	47.06 2.34 0.00	36.73 1.94 0.00	33.70 1.76 0.00	32.94 1.88 0.00	37.28 2.29 0.00	39.10 2.45 0.00	32.81 1.77 0.00	37.57 2.13 0.00	127.19 7.42 0.00	40.01 2.35 0.00	34.43 1.98 0.00

CHESTROR_138KV_BK263 355645	45.59 1.41 0.00	41.14 1.20 0.00	45.87 1.11 0.00	35.58 0.88 0.00	33.26 0.78 0.00	47.76 1.37 0.00	52.83 1.95 -0.55	46.30 1.58 0.00	38.23 1.25 -2.19	33.03 1.09 0.00	32.29 1.22 0.00	36.56 1.57 0.00	38.28 1.63 0.00	32.22 1.18 0.00	36.87 1.42 0.00	135.27 5.01 -10.49	40.35 1.57 -1.12	33.78 1.32 0.00
CH_MIDHUDSON___DRP 24192	45.83 1.65 0.00	41.37 1.44 0.00	46.13 1.38 0.00	35.76 1.07 0.00	33.46 0.97 0.00	48.06 1.67 0.00	52.60 2.26 0.00	46.58 1.86 0.00	36.24 1.45 0.00	33.23 1.29 0.00	32.47 1.40 0.00	36.70 1.71 0.00	38.46 1.81 0.00	32.36 1.32 0.00	37.01 1.57 0.00	125.33 5.56 0.00	39.41 1.75 0.00	33.95 1.50 0.00
CH_MISC_IPPS 23765	46.03 1.85 0.00	41.53 1.59 0.00	46.30 1.55 0.00	35.90 1.21 0.00	33.58 1.10 0.00	48.25 1.86 0.00	52.83 2.49 0.00	46.79 2.07 0.00	36.39 1.60 0.00	33.36 1.42 0.00	32.58 1.50 0.00	36.88 1.90 0.00	38.64 1.99 0.00	32.52 1.47 0.00	37.18 1.73 0.00	125.96 6.19 0.00	39.62 1.96 0.00	34.13 1.68 0.00
CH_RES_BVR_FALLS 23983	44.00 -0.19 0.00	39.78 -0.16 0.00	44.63 -0.13 0.00	34.60 -0.10 0.00	32.41 -0.08 0.00	46.27 -0.11 0.00	50.22 -0.11 0.00	44.67 -0.05 0.00	34.78 -0.01 0.00	31.95 0.01 0.00	31.06 -0.01 0.00	34.96 -0.04 0.00	36.61 -0.04 0.00	31.03 -0.02 0.00	35.45 0.00 0.00	119.66 -0.10 0.00	37.66 0.00 0.00	32.45 0.00 0.00
CH_RES_NIAGARA 23895	40.83 -3.35 0.00	36.80 -3.13 0.00	41.68 -3.07 0.00	32.25 -2.45 0.00	30.38 -2.10 0.00	42.52 -3.86 0.00	41.27 -4.72 4.34	40.79 -3.93 0.00	14.87 -2.79 17.13	29.50 -2.44 0.00	28.88 -2.19 0.00	32.38 -2.62 0.00	34.00 -2.65 0.00	29.28 -1.76 0.00	33.01 -2.44 0.00	27.80 -9.96 82.01	25.18 -3.73 8.75	28.90 -3.56 0.00
CH_RES_SYRACUSE 23985	43.74 -0.45 0.00	39.55 -0.39 0.00	44.31 -0.44 0.00	34.34 -0.36 0.00	32.17 -0.31 0.00	45.82 -0.57 0.00	48.93 -0.68 0.72	44.12 -0.61 0.00	31.49 -0.46 2.84	31.50 -0.44 0.00	30.71 -0.36 0.00	34.56 -0.43 0.00	36.20 -0.45 0.00	30.74 -0.30 0.00	35.03 -0.42 0.00	104.75 -1.39 13.63	35.74 -0.47 1.45	32.06 -0.39 0.00
CLINTON_WT_PWR 323605	44.15 -0.03 0.00	39.82 -0.12 0.00	44.77 0.01 0.00	34.66 -0.04 0.00	32.53 0.05 0.00	46.54 0.15 0.00	50.48 0.15 0.00	45.07 0.36 0.00	35.06 0.27 0.00	32.24 0.30 0.00	31.24 0.17 0.00	35.11 0.12 0.00	36.80 0.15 0.00	31.24 0.19 0.00	35.70 0.25 0.00	120.38 0.61 0.00	37.93 0.27 0.00	32.74 0.29 0.00
CLINTON___LFGE 323618	44.57 0.39 0.00	40.19 0.25 0.00	45.17 0.41 0.00	34.96 0.27 0.00	32.84 0.36 0.00	47.06 0.67 0.00	51.09 0.76 0.00	45.68 0.96 0.00	35.49 0.70 0.00	32.60 0.66 0.00	31.46 0.39 0.00	35.35 0.36 0.00	37.01 0.36 0.00	31.42 0.38 0.00	36.05 0.60 0.00	121.29 1.52 0.00	38.39 0.73 0.00	33.18 0.72 0.00
COBBLENY_34_KV_TB1 80064	41.82 -2.36 0.00	37.73 -2.21 0.00	42.70 -2.06 0.00	32.93 -1.77 0.00	31.04 -1.44 0.00	43.71 -2.68 0.00	41.89 -3.36 5.09	42.04 -2.68 0.00	12.81 -1.91 20.08	30.33 -1.61 0.00	29.78 -1.29 0.00	33.45 -1.54 0.00	35.12 -1.53 0.00	30.18 -0.86 0.00	34.03 -1.42 0.00	16.45 -6.89 96.43	24.69 -2.72 10.25	29.98 -2.48 0.00
COFFEEN___115KV_TB3 355620	42.28 -1.90 0.00	38.48 -1.45 0.00	43.75 -1.00 0.00	34.15 -0.55 0.00	32.03 -0.45 0.00	45.73 -0.66 0.00	50.50 0.17 0.00	45.36 0.64 0.00	35.38 0.59 0.00	32.41 0.47 0.00	31.26 0.18 0.00	35.34 0.35 0.00	36.90 0.25 0.00	31.71 0.67 0.00	35.81 0.37 0.00	123.06 3.29 0.00	38.81 1.15 0.00	33.52 1.07 0.00
COLDSPRG_115KV_BK1 355956	42.78 -1.41 0.00	38.53 -1.41 0.00	43.54 -1.21 0.00	33.52 -1.18 0.00	31.59 -0.89 0.00	44.74 -1.65 0.00	42.88 -2.04 5.41	43.17 -1.55 0.00	12.32 -1.12 21.35	31.18 -0.75 0.00	30.74 -0.33 0.00	34.56 -0.43 0.00	36.26 -0.39 0.00	30.99 -0.06 0.00	34.91 -0.54 0.00	12.99 -4.28 102.50	24.93 -1.83 10.90	30.60 -1.86 0.00
COLONIE_LFGE___ 323577	45.77 1.59 0.00	41.45 1.52 0.00	46.35 1.60 0.00	35.94 1.25 0.00	33.64 1.16 0.00	48.27 1.88 0.00	52.35 2.02 0.00	46.34 1.62 0.00	35.94 1.15 0.00	32.96 1.03 0.00	31.93 0.86 0.00	35.91 0.92 0.00	37.55 0.90 0.00	31.70 0.65 0.00	36.31 0.86 0.00	123.50 3.74 0.00	38.88 1.21 0.00	33.49 1.03 0.00
COOPERNY_115KV_TB1 80082	45.42 1.24 0.00	41.01 1.08 0.00	45.74 0.98 0.00	35.48 0.78 0.00	33.18 0.69 0.00	47.61 1.22 0.00	52.84 1.74 -0.76	46.12 1.40 0.00	38.88 1.09 -3.00	32.89 0.95 0.00	32.15 1.08 0.00	36.37 1.38 0.00	38.08 1.44 0.00	32.07 1.03 0.00	36.71 1.26 0.00	138.59 4.42 -14.39	40.57 1.38 -1.53	33.59 1.14 0.00
COPENHAGEN_WT_PWR 323753	41.68 -2.51 0.00	38.01 -1.92 0.00	43.33 -1.42 0.00	33.86 -0.84 0.00	31.73 -0.76 0.00	45.25 -1.14 0.00	49.98 -0.35 0.00	44.88 0.16 0.00	35.06 0.27 0.00	32.15 0.21 0.00	31.07 0.00 0.00	35.16 0.17 0.00	36.67 0.02 0.00	31.46 0.42 0.00	35.61 0.16 0.00	122.06 2.29 0.00	38.42 0.76 0.00	33.20 0.75 0.00
CORNELL_____ 23752	44.47 0.29 0.00	40.20 0.27 0.00	45.04 0.29 0.00	34.87 0.17 0.00	32.70 0.22 0.00	46.71 0.32 0.00	48.52 0.44 2.25	45.14 0.42 0.00	26.18 0.28 8.89	32.16 0.22 0.00	31.33 0.26 0.00	35.29 0.30 0.00	36.97 0.32 0.00	31.33 0.28 0.00	35.77 0.32 0.00	78.19 1.09 42.67	33.43 0.31 4.54	32.69 0.23 0.00

CORONA AV_69 KV_TB1 355595	48.48 2.61 -1.69	42.22 2.29 0.00	46.99 2.24 0.00	36.44 1.74 0.00	34.11 1.62 0.00	48.88 2.50 0.00	53.22 2.89 0.00	46.95 2.23 0.00	36.90 2.11 0.00	33.82 1.88 0.00	33.11 2.04 0.00	37.43 2.44 0.00	39.26 2.61 0.00	33.03 1.99 0.00	37.58 2.13 0.00	126.01 6.24 0.00	39.79 2.13 0.00	34.29 1.84 0.00
CORTLAND_115KV_TB3 80093	44.36 0.17 0.00	40.11 0.17 0.00	44.94 0.19 0.00	34.81 0.12 0.00	32.63 0.14 0.00	46.57 0.19 0.00	50.58 0.25 0.00	44.96 0.24 0.00	34.96 0.16 0.00	32.08 0.14 0.00	31.20 0.13 0.00	35.18 0.18 0.00	36.82 0.17 0.00	31.27 0.23 0.00	35.67 0.22 0.00	120.57 0.80 0.00	37.88 0.22 0.00	32.61 0.16 0.00
COXSACKIE__GT 23611	46.74 2.56 0.00	42.42 2.48 0.00	47.42 2.67 0.00	36.82 2.11 0.00	34.44 1.95 0.00	49.29 2.90 0.00	53.55 3.22 0.00	47.44 2.72 0.00	36.61 1.82 0.00	33.39 1.46 0.00	32.18 1.10 0.00	36.23 1.24 0.00	38.29 1.64 0.00	32.13 1.09 0.00	36.74 1.29 0.00	125.26 5.48 0.00	39.70 2.04 0.00	34.14 1.69 0.00
CPV_VALLEY__CC1 323721	45.30 1.12 0.00	40.90 0.97 0.00	45.60 0.84 0.00	35.38 0.69 0.00	33.08 0.59 0.00	47.47 1.08 0.00	52.53 1.61 -0.60	46.01 1.29 0.00	38.17 1.03 -2.36	32.85 0.91 0.00	32.12 1.05 0.00	36.33 1.35 0.00	38.05 1.40 0.00	32.04 0.99 0.00	36.63 1.18 0.00	135.27 4.19 -11.31	40.21 1.34 -1.20	33.56 1.11 0.00
CPV_VALLEY__CC2 323722	45.30 1.12 0.00	40.90 0.97 0.00	45.60 0.84 0.00	35.38 0.69 0.00	33.08 0.59 0.00	47.47 1.08 0.00	52.53 1.61 -0.60	46.01 1.29 0.00	38.17 1.03 -2.36	32.85 0.91 0.00	32.12 1.05 0.00	36.33 1.35 0.00	38.05 1.40 0.00	32.04 0.99 0.00	36.63 1.18 0.00	135.27 4.19 -11.31	40.21 1.34 -1.20	33.56 1.11 0.00
CRESCENT__HYD 24018	45.77 1.59 0.00	41.45 1.52 0.00	46.35 1.60 0.00	35.94 1.25 0.00	33.64 1.16 0.00	48.27 1.88 0.00	52.35 2.02 0.00	46.34 1.62 0.00	35.94 1.15 0.00	32.96 1.03 0.00	31.93 0.86 0.00	35.91 0.92 0.00	37.55 0.90 0.00	31.70 0.65 0.00	36.31 0.86 0.00	123.50 3.74 0.00	38.88 1.21 0.00	33.49 1.03 0.00
CRICKET__VALLEY_CC1 323756	45.33 1.15 0.00	40.92 0.98 0.00	45.63 0.87 0.00	35.37 0.68 0.00	33.08 0.60 0.00	47.59 1.20 0.00	52.12 1.79 0.00	46.10 1.39 0.00	35.87 1.08 0.00	32.93 0.99 0.00	32.26 1.19 0.00	36.38 1.39 0.00	38.11 1.46 0.00	32.07 1.03 0.00	36.63 1.18 0.00	124.01 4.25 0.00	39.02 1.36 0.00	33.62 1.17 0.00
CRICKET__VALLEY_CC2 323757	45.33 1.15 0.00	40.92 0.98 0.00	45.63 0.87 0.00	35.37 0.68 0.00	33.08 0.60 0.00	47.59 1.20 0.00	52.12 1.79 0.00	46.10 1.39 0.00	35.87 1.08 0.00	32.93 0.99 0.00	32.26 1.19 0.00	36.38 1.39 0.00	38.11 1.46 0.00	32.07 1.03 0.00	36.63 1.18 0.00	124.01 4.25 0.00	39.02 1.36 0.00	33.62 1.17 0.00
CRICKET__VALLEY_CC3 323758	45.33 1.15 0.00	40.92 0.98 0.00	45.63 0.87 0.00	35.37 0.68 0.00	33.08 0.60 0.00	47.59 1.20 0.00	52.12 1.79 0.00	46.10 1.39 0.00	35.87 1.08 0.00	32.93 0.99 0.00	32.26 1.19 0.00	36.38 1.39 0.00	38.11 1.46 0.00	32.07 1.03 0.00	36.63 1.18 0.00	124.01 4.25 0.00	39.02 1.36 0.00	33.62 1.17 0.00
CRUCIBLE_METL_DRP 24180	43.74 -0.45 0.00	39.55 -0.39 0.00	44.31 -0.44 0.00	34.34 -0.36 0.00	32.17 -0.31 0.00	45.82 -0.57 0.00	48.94 -0.67 0.72	44.12 -0.61 0.00	31.49 -0.46 2.84	31.50 -0.43 0.00	30.71 -0.36 0.00	34.56 -0.43 0.00	36.20 -0.45 0.00	30.74 -0.30 0.00	35.02 -0.43 0.00	104.75 -1.39 13.63	35.75 -0.46 1.45	32.06 -0.39 0.00
DAHOWA__HYDRO 323763	46.35 2.17 0.00	41.94 2.01 0.00	46.98 2.23 0.00	36.42 1.73 0.00	34.05 1.56 0.00	48.96 2.58 0.00	53.17 2.85 0.00	47.04 2.32 0.00	36.38 1.59 0.00	33.17 1.23 0.00	31.93 0.86 0.00	35.83 0.84 0.00	37.52 0.87 0.00	31.73 0.69 0.00	36.43 0.98 0.00	124.32 4.55 0.00	39.21 1.55 0.00	33.97 1.52 0.00
DANC__LFGE 323619	41.96 -2.23 0.00	38.20 -1.74 0.00	43.38 -1.38 0.00	33.84 -0.86 0.00	31.71 -0.77 0.00	45.13 -1.26 0.00	49.62 -0.72 0.00	44.48 -0.24 0.00	34.71 -0.08 0.00	31.84 -0.10 0.00	30.86 -0.21 0.00	34.92 -0.07 0.00	36.42 -0.23 0.00	31.22 0.17 0.00	35.36 -0.09 0.00	120.82 1.06 0.00	37.99 0.32 0.00	32.81 0.36 0.00
DANSKAMMER__1 23586	46.03 1.85 0.00	41.53 1.59 0.00	46.30 1.55 0.00	35.90 1.21 0.00	33.58 1.10 0.00	48.25 1.86 0.00	52.83 2.49 0.00	46.79 2.07 0.00	36.39 1.60 0.00	33.36 1.42 0.00	32.58 1.50 0.00	36.88 1.90 0.00	38.64 1.99 0.00	32.52 1.47 0.00	37.18 1.73 0.00	125.96 6.19 0.00	39.62 1.96 0.00	34.13 1.68 0.00
DANSKAMMER__2 23589	46.03 1.85 0.00	41.53 1.59 0.00	46.30 1.55 0.00	35.90 1.21 0.00	33.58 1.10 0.00	48.25 1.86 0.00	52.83 2.49 0.00	46.79 2.07 0.00	36.39 1.60 0.00	33.36 1.42 0.00	32.58 1.50 0.00	36.88 1.90 0.00	38.64 1.99 0.00	32.52 1.47 0.00	37.18 1.73 0.00	125.96 6.19 0.00	39.62 1.96 0.00	34.13 1.68 0.00
DANSKAMMER__3 23590	46.03 1.85 0.00	41.53 1.59 0.00	46.30 1.55 0.00	35.90 1.21 0.00	33.58 1.10 0.00	48.25 1.86 0.00	52.83 2.49 0.00	46.79 2.07 0.00	36.39 1.60 0.00	33.36 1.42 0.00	32.58 1.50 0.00	36.88 1.90 0.00	38.64 1.99 0.00	32.52 1.47 0.00	37.18 1.73 0.00	125.96 6.19 0.00	39.62 1.96 0.00	34.13 1.68 0.00

DANSKAMMER___4 23591	46.03 1.85 0.00	41.53 1.59 0.00	46.30 1.55 0.00	35.90 1.21 0.00	33.58 1.10 0.00	48.25 1.86 0.00	52.83 2.49 0.00	46.79 2.07 0.00	36.39 1.60 0.00	33.36 1.42 0.00	32.58 1.50 0.00	36.88 1.90 0.00	38.64 1.99 0.00	32.52 1.47 0.00	37.18 1.73 0.00	125.96 6.19 0.00	39.62 1.96 0.00	34.13 1.68 0.00
DANSKAMMER___DIESEL 23592	46.03 1.84 0.00	41.53 1.60 0.00	46.30 1.55 0.00	35.90 1.20 0.00	33.58 1.10 0.00	48.25 1.86 0.00	52.83 2.49 0.00	46.79 2.07 0.00	36.39 1.60 0.00	33.35 1.41 0.00	32.58 1.51 0.00	36.89 1.90 0.00	38.64 1.99 0.00	32.52 1.48 0.00	37.19 1.74 0.00	125.97 6.20 0.00	39.62 1.96 0.00	34.13 1.68 0.00
DARBY___SOLAR 323810	46.20 2.02 0.00	41.81 1.88 0.00	46.82 2.07 0.00	36.31 1.61 0.00	33.94 1.46 0.00	48.78 2.39 0.00	52.98 2.65 0.00	46.86 2.15 0.00	36.25 1.46 0.00	33.08 1.14 0.00	31.90 0.83 0.00	35.80 0.81 0.00	37.49 0.84 0.00	31.71 0.66 0.00	36.39 0.94 0.00	124.08 4.31 0.00	39.14 1.47 0.00	33.87 1.42 0.00
DASHVILLE___HYD 23610	45.73 1.55 0.00	41.26 1.32 0.00	46.02 1.27 0.00	35.68 0.98 0.00	33.36 0.88 0.00	47.95 1.56 0.00	52.48 2.15 0.00	46.48 1.76 0.00	36.15 1.36 0.00	33.14 1.20 0.00	32.37 1.30 0.00	36.64 1.65 0.00	38.37 1.72 0.00	32.31 1.26 0.00	36.98 1.53 0.00	125.23 5.46 0.00	39.34 1.68 0.00	33.87 1.42 0.00
DELAWARE___LFGE 323621	45.13 0.95 0.00	40.77 0.84 0.00	45.60 0.85 0.00	35.35 0.65 0.00	33.10 0.62 0.00	47.41 1.03 0.00	53.25 1.34 -1.58	45.75 1.03 0.00	41.90 0.87 -6.24	32.81 0.87 0.00	31.98 0.91 0.00	36.13 1.14 0.00	37.79 1.14 0.00	31.85 0.81 0.00	36.38 0.93 0.00	152.91 3.20 -29.93	41.75 0.90 -3.18	33.20 0.75 0.00
DERFIELD_115KV_TB7 355931	44.25 0.07 0.00	40.02 0.08 0.00	44.82 0.07 0.00	34.76 0.07 0.00	32.52 0.03 0.00	46.48 0.09 0.00	50.45 0.12 0.00	44.79 0.07 0.00	34.83 0.03 0.00	31.95 0.02 0.00	31.07 0.00 0.00	35.02 0.03 0.00	36.68 0.03 0.00	31.04 -0.01 0.00	35.47 0.02 0.00	119.97 0.20 0.00	37.74 0.07 0.00	32.48 0.03 0.00
DOGLEVILLE___HYD 23807	46.00 1.82 0.00	41.75 1.81 0.00	46.58 1.82 0.00	36.06 1.36 0.00	33.79 1.30 0.00	48.76 2.37 0.00	53.31 2.98 0.00	46.81 2.09 0.00	34.93 0.14 0.00	31.23 -0.71 0.00	30.10 -0.97 0.00	34.50 -0.49 0.00	36.45 -0.20 0.00	30.33 -0.72 0.00	34.70 -0.74 0.00	117.98 -1.79 0.00	38.31 0.64 0.00	33.28 0.82 0.00
DUNKIRK__115KV_TB_200 55889	42.45 -1.73 0.00	38.31 -1.62 0.00	43.29 -1.46 0.00	33.33 -1.37 0.00	31.43 -1.05 0.00	44.44 -1.95 0.00	42.68 -2.57 5.09	42.73 -1.99 0.00	13.25 -1.48 20.07	30.84 -1.10 0.00	30.36 -0.72 0.00	34.09 -0.90 0.00	35.81 -0.84 0.00	30.63 -0.41 0.00	34.49 -0.95 0.00	17.52 -5.90 96.35	25.03 -2.39 10.25	30.21 -2.25 0.00
DUNKIRK___1 23563	42.45 -1.73 0.00	38.31 -1.62 0.00	43.29 -1.46 0.00	33.33 -1.37 0.00	31.43 -1.05 0.00	44.44 -1.95 0.00	42.68 -2.57 5.09	42.73 -1.99 0.00	13.25 -1.48 20.07	30.84 -1.10 0.00	30.36 -0.72 0.00	34.09 -0.90 0.00	35.81 -0.84 0.00	30.63 -0.41 0.00	34.49 -0.95 0.00	17.52 -5.90 96.35	25.03 -2.39 10.25	30.21 -2.25 0.00
DUNKIRK___2 23564	42.45 -1.73 0.00	38.31 -1.62 0.00	43.29 -1.46 0.00	33.33 -1.37 0.00	31.43 -1.05 0.00	44.44 -1.95 0.00	42.68 -2.57 5.09	42.73 -1.99 0.00	13.25 -1.48 20.07	30.84 -1.10 0.00	30.36 -0.72 0.00	34.09 -0.90 0.00	35.81 -0.84 0.00	30.63 -0.41 0.00	34.49 -0.95 0.00	17.52 -5.90 96.35	25.03 -2.39 10.25	30.21 -2.25 0.00
DUNKIRK___3 23565	42.23 -1.96 0.00	38.11 -1.83 0.00	43.09 -1.67 0.00	33.18 -1.52 0.00	31.28 -1.21 0.00	44.18 -2.21 0.00	42.41 -2.86 5.07	42.45 -2.27 0.00	13.12 -1.67 19.99	30.63 -1.31 0.00	30.15 -0.93 0.00	33.86 -1.13 0.00	35.55 -1.10 0.00	30.45 -0.60 0.00	34.30 -1.15 0.00	17.45 -6.32 96.00	24.93 -2.52 10.21	30.08 -2.38 0.00
DUNKIRK___4 23566	42.23 -1.96 0.00	38.11 -1.83 0.00	43.09 -1.67 0.00	33.18 -1.52 0.00	31.28 -1.21 0.00	44.18 -2.21 0.00	42.41 -2.86 5.07	42.45 -2.27 0.00	13.12 -1.67 19.99	30.63 -1.31 0.00	30.15 -0.93 0.00	33.86 -1.13 0.00	35.55 -1.10 0.00	30.45 -0.60 0.00	34.30 -1.15 0.00	17.45 -6.32 96.00	24.93 -2.52 10.21	30.08 -2.38 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	46.02 1.84 0.00	41.51 1.58 0.00	46.26 1.51 0.00	35.87 1.17 0.00	33.53 1.05 0.00	48.18 1.80 0.00	52.79 2.46 0.00	46.78 2.06 0.00	36.47 1.67 0.00	33.44 1.50 0.00	32.70 1.63 0.00	36.99 2.00 0.00	38.79 2.14 0.00	32.59 1.54 0.00	37.28 1.84 0.00	126.15 6.38 0.00	39.69 2.03 0.00	34.17 1.71 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	45.79 1.61 0.00	41.32 1.39 0.00	46.07 1.31 0.00	35.73 1.03 0.00	33.40 0.92 0.00	47.98 1.59 0.00	53.08 2.21 -0.53	46.53 1.81 0.00	38.28 1.40 -2.09	33.16 1.22 0.00	32.40 1.32 0.00	36.70 1.71 0.00	38.43 1.78 0.00	32.34 1.30 0.00	37.01 1.57 0.00	135.37 5.56 -10.04	40.48 1.75 -1.07	33.94 1.49 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	46.06 1.87 0.00	41.51 1.57 0.00	46.23 1.47 0.00	35.84 1.14 0.00	33.50 1.01 0.00	48.16 1.78 0.00	52.83 2.49 0.00	46.78 2.07 0.00	36.56 1.77 0.00	33.50 1.56 0.00	32.74 1.66 0.00	37.05 2.06 0.00	38.89 2.24 0.00	32.67 1.62 0.00	37.37 1.92 0.00	126.53 6.76 0.00	39.78 2.11 0.00	34.26 1.81 0.00

E179THST_13_KV_LOAD 356214	46.21 2.03 0.00	41.64 1.71 0.00	46.38 1.63 0.00	35.95 1.25 0.00	33.61 1.13 0.00	48.33 1.94 0.00	53.02 2.69 0.00	46.96 2.24 0.00	36.70 1.91 0.00	33.63 1.69 0.00	32.87 1.80 0.00	37.20 2.21 0.00	39.06 2.41 0.00	32.81 1.77 0.00	37.53 2.08 0.00	127.11 7.34 0.00	39.93 2.27 0.00	34.39 1.94 0.00
EAST HAMPTON___GT 23717	47.69 2.69 -0.82	42.38 2.45 0.00	47.17 2.42 0.00	36.34 1.65 0.00	34.14 1.65 0.00	49.16 2.77 0.00	53.34 3.01 0.00	46.63 1.91 0.00	36.73 1.94 0.00	33.06 1.12 0.00	24.70 0.65 7.02	25.25 0.51 10.24	34.36 1.07 3.35	32.41 1.36 0.00	37.20 1.76 0.00	125.53 5.76 0.00	40.19 2.53 0.00	35.05 2.60 0.00
EAST RIVER___6 23660	46.17 1.99 0.00	41.62 1.69 0.00	46.35 1.60 0.00	35.93 1.24 0.00	33.61 1.12 0.00	48.23 1.84 0.00	52.95 2.62 0.00	46.92 2.20 0.00	36.62 1.84 0.00	33.61 1.67 0.00	32.86 1.79 0.00	37.19 2.21 0.00	39.03 2.37 0.00	32.72 1.68 0.00	37.47 2.03 0.00	126.92 7.15 0.00	39.93 2.27 0.00	34.36 1.91 0.00
EAST RIVER___7 23524	46.17 1.99 0.00	41.62 1.69 0.00	46.35 1.60 0.00	35.93 1.24 0.00	33.61 1.12 0.00	48.23 1.84 0.00	52.95 2.62 0.00	46.92 2.20 0.00	36.62 1.84 0.00	33.61 1.67 0.00	32.86 1.79 0.00	37.19 2.21 0.00	39.03 2.37 0.00	32.72 1.68 0.00	37.47 2.03 0.00	126.92 7.15 0.00	39.93 2.27 0.00	34.36 1.91 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	45.93 1.75 0.00	41.44 1.50 0.00	46.16 1.41 0.00	35.80 1.10 0.00	33.47 0.98 0.00	48.09 1.70 0.00	52.68 2.35 0.00	46.68 1.96 0.00	36.40 1.61 0.00	33.37 1.43 0.00	32.63 1.56 0.00	36.92 1.93 0.00	38.70 2.05 0.00	32.52 1.47 0.00	37.21 1.76 0.00	125.91 6.14 0.00	39.61 1.95 0.00	34.10 1.65 0.00
EAST_HAMPTON___DIESEL 23722	47.65 2.65 -0.82	42.35 2.41 0.00	47.15 2.39 0.00	36.30 1.60 0.00	34.10 1.61 0.00	49.13 2.74 0.00	53.30 2.96 0.00	46.58 1.86 0.00	36.69 1.90 0.00	33.02 1.08 0.00	24.66 0.61 7.02	25.18 0.44 10.24	34.31 1.02 3.35	32.38 1.34 0.00	37.20 1.75 0.00	125.52 5.75 0.00	40.19 2.52 0.00	35.06 2.61 0.00
EAST_POINT___SOLAR 323840	46.38 2.20 0.00	41.84 1.91 0.00	46.93 2.18 0.00	36.40 1.70 0.00	34.08 1.60 0.00	48.87 2.48 0.00	53.36 3.03 0.00	47.19 2.47 0.00	35.50 0.71 0.00	31.60 -0.34 -0.39	30.68 0.17 0.00	35.16 0.17 0.00	36.67 0.02 0.00	31.58 0.53 0.00	36.28 0.83 0.00	122.69 2.92 0.00	39.21 1.54 0.00	34.03 1.58 0.00
EAST_PULASKI___ESR 323781	43.15 -1.03 0.00	39.02 -0.92 0.00	43.69 -1.07 0.00	33.93 -0.76 0.00	31.79 -0.69 0.00	45.21 -1.18 0.00	48.93 -1.40 0.00	43.54 -1.18 0.00	33.91 -0.88 0.00	31.13 -0.81 0.00	30.35 -0.72 0.00	34.06 -0.93 0.00	35.69 -0.95 0.00	30.36 -0.69 0.00	34.57 -0.88 0.00	117.00 -2.77 0.00	36.81 -0.85 0.00	31.65 -0.80 0.00
EAST_RIVER___1 323558	46.13 1.94 0.00	41.60 1.66 0.00	46.33 1.58 0.00	35.91 1.21 0.00	33.57 1.09 0.00	48.25 1.86 0.00	52.90 2.57 0.00	46.92 2.20 0.00	36.62 1.83 0.00	33.59 1.65 0.00	32.84 1.77 0.00	37.17 2.18 0.00	38.99 2.34 0.00	32.70 1.66 0.00	37.45 2.00 0.00	126.80 7.03 0.00	39.90 2.24 0.00	34.33 1.87 0.00
EAST_RIVER___2 323559	46.17 1.99 0.00	41.62 1.69 0.00	46.35 1.60 0.00	35.93 1.24 0.00	33.61 1.12 0.00	48.23 1.84 0.00	52.95 2.62 0.00	46.92 2.20 0.00	36.62 1.84 0.00	33.61 1.67 0.00	32.86 1.79 0.00	37.19 2.21 0.00	39.03 2.37 0.00	32.72 1.68 0.00	37.47 2.03 0.00	126.92 7.15 0.00	39.93 2.27 0.00	34.36 1.91 0.00
EAST___DELAWARE_HYD 23607	45.19 1.01 0.00	40.98 1.05 0.00	45.72 0.97 0.00	35.47 0.78 0.00	33.18 0.70 0.00	47.72 1.33 0.00	52.92 1.95 -0.64	46.11 1.39 0.00	37.54 0.24 -2.51	32.06 0.12 0.00	31.27 0.20 0.00	35.61 0.62 0.00	37.24 0.59 0.00	31.46 0.42 0.00	36.80 1.35 0.00	136.61 4.79 -12.05	40.49 1.55 -1.28	33.78 1.32 0.00
EIGHT_POINT___WT_PWR 323820	42.47 -1.72 0.00	38.42 -1.51 0.00	43.45 -1.30 0.00	33.41 -1.29 0.00	31.53 -0.96 0.00	44.94 -1.45 0.00	41.38 -1.76 7.19	43.38 -1.34 0.00	5.21 -1.21 28.38	30.82 -1.12 0.00	30.40 -0.67 0.00	34.13 -0.86 0.00	35.82 -0.83 0.00	30.88 -0.17 0.00	34.74 -0.71 0.00	-21.14 -4.70 136.21	21.07 -2.11 14.49	30.62 -1.83 0.00
ELBRIDGE_115KV_TB2 80188	43.54 -0.64 0.00	39.40 -0.54 0.00	44.12 -0.64 0.00	34.19 -0.51 0.00	32.02 -0.46 0.00	45.64 -0.75 0.00	48.60 -0.88 0.86	43.96 -0.76 0.00	30.82 -0.59 3.38	31.40 -0.54 0.00	30.61 -0.46 0.00	34.43 -0.56 0.00	36.07 -0.58 0.00	30.61 -0.43 0.00	34.88 -0.56 0.00	101.65 -1.91 16.21	35.31 -0.63 1.72	31.90 -0.55 0.00
ELEC_TRO_TEK 24086	48.07 2.46 -1.42	42.07 2.14 0.00	46.83 2.08 0.00	36.32 1.63 0.00	33.99 1.50 0.00	48.71 2.32 0.00	53.02 2.69 0.00	46.77 2.05 0.00	36.77 1.98 0.00	33.69 1.75 0.00	32.98 1.91 0.00	37.29 2.30 0.00	39.13 2.49 0.00	32.91 1.87 0.00	37.44 1.99 0.00	125.53 5.77 0.00	39.67 2.01 0.00	34.16 1.71 0.00
ELLENBURG_WT_PWR 323604	44.15 -0.03 0.00	39.82 -0.12 0.00	44.77 0.01 0.00	34.66 -0.04 0.00	32.53 0.05 0.00	46.54 0.15 0.00	50.48 0.15 0.00	45.07 0.36 0.00	35.06 0.27 0.00	32.24 0.30 0.00	31.24 0.17 0.00	35.11 0.12 0.00	36.80 0.15 0.00	31.24 0.19 0.00	35.70 0.25 0.00	120.38 0.61 0.00	37.93 0.27 0.00	32.74 0.29 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	41.70 -2.48 0.00	37.61 -2.33 0.00	42.57 -2.18 0.00	32.87 -1.83 0.00	30.98 -1.50 0.00	43.55 -2.84 0.00	42.00 -3.59 4.74	41.84 -2.88 0.00	14.03 -2.04 18.71	30.21 -1.73 0.00	29.64 -1.43 0.00	33.28 -1.71 0.00	34.93 -1.72 0.00	30.04 -1.00 0.00	33.87 -1.58 0.00	22.59 -7.34 89.84	25.21 -2.90 9.56	29.81 -2.65 0.00
EMPIRE_CC_1 323656	45.71 1.53 0.00	41.44 1.50 0.00	46.32 1.57 0.00	35.95 1.25 0.00	33.61 1.12 0.00	48.16 1.78 0.00	52.21 1.88 0.00	46.20 1.48 0.00	35.86 1.07 0.00	32.96 1.02 0.00	31.98 0.90 0.00	35.99 1.00 0.00	37.61 0.96 0.00	31.72 0.67 0.00	36.31 0.87 0.00	123.53 3.76 0.00	38.83 1.16 0.00	33.36 0.91 0.00
EMPIRE_CC_2 323658	45.71 1.53 0.00	41.44 1.50 0.00	46.32 1.57 0.00	35.95 1.25 0.00	33.61 1.12 0.00	48.16 1.78 0.00	52.21 1.88 0.00	46.20 1.48 0.00	35.86 1.07 0.00	32.96 1.02 0.00	31.98 0.90 0.00	35.99 1.00 0.00	37.61 0.96 0.00	31.72 0.67 0.00	36.31 0.87 0.00	123.53 3.76 0.00	38.83 1.16 0.00	33.36 0.91 0.00
ENORWICH_115KV_TB1 80156	45.97 1.79 0.00	41.69 1.75 0.00	46.70 1.95 0.00	36.06 1.37 0.00	33.92 1.43 0.00	49.01 2.62 0.00	54.50 3.28 -0.89	47.61 2.89 0.00	40.23 1.94 -3.50	33.48 1.54 0.00	32.37 1.30 0.00	36.85 1.86 0.00	38.32 1.67 0.00	32.34 1.30 0.00	36.86 1.42 0.00	141.91 5.34 -16.79	41.27 1.82 -1.79	34.08 1.63 0.00
ERIE_ST__34_KV_TB1-2 80199	41.88 -2.31 0.00	37.77 -2.17 0.00	42.74 -2.01 0.00	32.94 -1.76 0.00	31.06 -1.43 0.00	43.71 -2.68 0.00	42.09 -3.30 4.95	42.07 -2.65 0.00	13.41 -1.86 19.52	30.38 -1.56 0.00	29.84 -1.23 0.00	33.53 -1.46 0.00	35.19 -1.46 0.00	30.23 -0.82 0.00	34.08 -1.37 0.00	19.51 -6.52 93.73	25.11 -2.58 9.97	30.08 -2.39 0.00
ERIE_WT_PWR 323693	41.87 -2.31 0.00	37.78 -2.16 0.00	42.77 -1.98 0.00	33.00 -1.70 0.00	31.10 -1.39 0.00	43.78 -2.61 0.00	42.11 -3.35 4.88	42.09 -2.63 0.00	13.68 -1.86 19.25	30.35 -1.59 0.00	29.81 -1.27 0.00	33.48 -1.51 0.00	35.16 -1.49 0.00	30.22 -0.82 0.00	34.07 -1.38 0.00	20.53 -6.81 92.43	25.04 -2.80 9.83	29.95 -2.52 0.00
ESPRGFLD_115KV_TB1 80157	45.48 1.30 0.00	41.01 1.08 0.00	45.96 1.21 0.00	35.63 0.93 0.00	33.37 0.89 0.00	47.86 1.47 0.00	53.05 1.86 -0.86	46.37 1.65 0.00	39.40 1.20 -3.41	32.89 0.95 0.00	32.03 0.96 0.00	36.23 1.24 0.00	37.88 1.24 0.00	32.17 1.12 0.00	36.67 1.23 0.00	140.33 4.21 -16.36	40.66 1.26 -1.74	33.58 1.13 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	44.44 0.26 0.00	40.19 0.25 0.00	45.02 0.27 0.00	34.86 0.16 0.00	32.69 0.20 0.00	46.69 0.30 0.00	49.12 0.42 1.63	45.12 0.40 0.00	28.61 0.26 6.44	32.14 0.20 0.00	31.31 0.24 0.00	35.26 0.27 0.00	36.93 0.29 0.00	31.31 0.26 0.00	35.73 0.28 0.00	89.84 0.99 30.91	34.67 0.29 3.29	32.66 0.20 0.00
ETNA____115KV_TB2 80207	44.44 0.26 0.00	40.19 0.25 0.00	45.02 0.27 0.00	34.86 0.16 0.00	32.69 0.20 0.00	46.69 0.30 0.00	49.12 0.42 1.63	45.12 0.40 0.00	28.61 0.26 6.44	32.14 0.20 0.00	31.31 0.24 0.00	35.26 0.27 0.00	36.93 0.29 0.00	31.31 0.26 0.00	35.73 0.28 0.00	89.84 0.99 30.91	34.67 0.29 3.29	32.66 0.20 0.00
EUCLID__115KV_TB2 356179	43.37 -0.81 0.00	39.19 -0.74 0.00	43.93 -0.83 0.00	34.05 -0.65 0.00	31.89 -0.60 0.00	45.36 -1.03 0.00	49.13 -1.21 0.00	43.68 -1.04 0.00	34.01 -0.78 0.00	31.22 -0.72 0.00	30.42 -0.65 0.00	34.25 -0.74 0.00	35.88 -0.77 0.00	30.47 -0.57 0.00	34.73 -0.72 0.00	117.23 -2.54 0.00	36.84 -0.82 0.00	31.74 -0.72 0.00
E_CANADA_CAP_HY 24051	45.84 1.66 0.00	41.35 1.41 0.00	46.40 1.64 0.00	35.98 1.28 0.00	33.69 1.21 0.00	48.27 1.88 0.00	53.20 2.25 -0.62	46.68 1.96 0.00	38.37 1.15 -2.43	32.54 0.60 0.00	31.59 0.52 0.00	35.79 0.80 0.00	37.45 0.80 0.00	31.93 0.89 0.00	36.36 0.91 0.00	134.97 3.52 -11.68	40.14 1.24 -1.24	33.68 1.22 0.00
E_CANADA_MHWK_HY 24050	46.00 1.82 0.00	41.75 1.81 0.00	46.58 1.82 0.00	36.06 1.36 0.00	33.79 1.30 0.00	48.76 2.37 0.00	53.30 2.97 0.00	46.81 2.09 0.00	34.93 0.14 0.00	31.23 -0.71 0.00	30.10 -0.97 0.00	34.50 -0.49 0.00	36.45 -0.20 0.00	30.33 -0.71 0.00	34.70 -0.75 0.00	117.98 -1.79 0.00	38.30 0.64 0.00	33.28 0.82 0.00
E_FISHKILL__LBMP 23776	45.63 1.44 0.00	41.18 1.25 0.00	45.93 1.18 0.00	35.61 0.91 0.00	33.30 0.81 0.00	47.83 1.44 0.00	52.35 2.01 0.00	46.35 1.63 0.00	36.09 1.30 0.00	33.11 1.17 0.00	32.37 1.30 0.00	36.58 1.59 0.00	38.32 1.67 0.00	32.25 1.20 0.00	36.87 1.43 0.00	124.82 5.05 0.00	39.25 1.59 0.00	33.81 1.36 0.00
FALCON__SEABRD_CC1 323796	44.57 0.39 0.00	40.21 0.28 0.00	45.19 0.43 0.00	34.98 0.28 0.00	32.85 0.37 0.00	47.08 0.70 0.00	51.12 0.79 0.00	45.66 0.94 0.00	35.49 0.70 0.00	32.63 0.69 0.00	31.53 0.46 0.00	35.44 0.45 0.00	37.12 0.48 0.00	31.51 0.47 0.00	36.12 0.68 0.00	121.77 2.00 0.00	38.40 0.74 0.00	33.21 0.75 0.00
FALCON__SEABRD_CC2 323797	44.57 0.39 0.00	40.21 0.28 0.00	45.19 0.43 0.00	34.98 0.28 0.00	32.85 0.37 0.00	47.08 0.70 0.00	51.12 0.79 0.00	45.66 0.94 0.00	35.49 0.70 0.00	32.63 0.69 0.00	31.53 0.46 0.00	35.44 0.45 0.00	37.12 0.48 0.00	31.51 0.47 0.00	36.12 0.68 0.00	121.77 2.00 0.00	38.40 0.74 0.00	33.21 0.75 0.00

FAR ROCKAWAY___4 23548	48.57 2.92 -1.47	42.50 2.57 0.00	47.30 2.55 0.00	36.68 1.98 0.00	34.33 1.84 0.00	49.20 2.81 0.00	53.55 3.22 0.00	47.23 2.52 0.00	37.13 2.34 0.00	34.03 2.09 0.00	33.32 2.25 0.00	37.66 2.67 0.00	39.49 2.84 0.00	33.25 2.20 0.00	37.80 2.35 0.00	126.73 6.96 0.00	40.02 2.35 0.00	34.49 2.04 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	46.13 1.94 0.00	41.60 1.66 0.00	46.32 1.57 0.00	35.91 1.21 0.00	33.57 1.09 0.00	48.26 1.87 0.00	52.91 2.58 0.00	46.93 2.21 0.00	36.62 1.84 0.00	33.58 1.65 0.00	32.84 1.77 0.00	37.17 2.18 0.00	38.99 2.34 0.00	32.70 1.66 0.00	37.45 2.01 0.00	126.80 7.03 0.00	39.88 2.22 0.00	34.33 1.88 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	46.13 1.94 0.00	41.60 1.66 0.00	46.33 1.58 0.00	35.91 1.21 0.00	33.57 1.09 0.00	48.26 1.87 0.00	52.91 2.58 0.00	46.93 2.21 0.00	36.62 1.83 0.00	33.58 1.64 0.00	32.83 1.76 0.00	37.16 2.17 0.00	38.98 2.33 0.00	32.70 1.65 0.00	37.44 2.00 0.00	126.78 7.01 0.00	39.88 2.22 0.00	34.33 1.88 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	46.11 1.93 0.00	41.58 1.65 0.00	46.31 1.55 0.00	35.90 1.20 0.00	33.56 1.08 0.00	48.24 1.85 0.00	52.91 2.57 0.00	46.92 2.20 0.00	36.61 1.82 0.00	33.58 1.64 0.00	32.83 1.76 0.00	37.16 2.17 0.00	38.98 2.33 0.00	32.70 1.65 0.00	37.44 2.00 0.00	126.78 7.01 0.00	39.88 2.22 0.00	34.33 1.88 0.00
FARRAGUT___LBMP 323566	46.08 1.90 0.00	41.55 1.62 0.00	46.28 1.53 0.00	35.88 1.18 0.00	33.54 1.06 0.00	48.21 1.82 0.00	52.86 2.53 0.00	46.87 2.16 0.00	36.57 1.78 0.00	33.55 1.61 0.00	32.80 1.72 0.00	37.12 2.13 0.00	38.93 2.28 0.00	32.65 1.61 0.00	37.41 1.96 0.00	126.59 6.82 0.00	39.84 2.17 0.00	34.30 1.84 0.00
FENNER___WINDPWR 24204	44.52 0.34 0.00	40.31 0.37 0.00	45.23 0.48 0.00	35.05 0.35 0.00	32.85 0.36 0.00	46.95 0.57 0.00	51.03 0.70 0.00	45.42 0.71 0.00	35.31 0.52 0.00	32.38 0.44 0.00	31.33 0.26 0.00	35.39 0.40 0.00	37.03 0.38 0.00	31.49 0.44 0.00	36.03 0.58 0.00	121.96 2.19 0.00	38.32 0.66 0.00	32.97 0.52 0.00
FIBERTEK___ENERGY 23856	43.74 -0.45 0.00	39.55 -0.39 0.00	44.31 -0.44 0.00	34.34 -0.36 0.00	32.17 -0.31 0.00	45.82 -0.57 0.00	48.94 -0.67 0.72	44.12 -0.61 0.00	31.49 -0.46 2.84	31.50 -0.43 0.00	30.71 -0.36 0.00	34.56 -0.43 0.00	36.20 -0.45 0.00	30.74 -0.30 0.00	35.02 -0.43 0.00	104.75 -1.39 13.63	35.75 -0.46 1.45	32.06 -0.39 0.00
FITZPATRICK___ 23598	42.83 -1.36 0.00	38.72 -1.22 0.00	43.39 -1.36 0.00	33.64 -1.06 0.00	31.50 -0.99 0.00	44.77 -1.62 0.00	48.43 -1.90 0.00	43.07 -1.65 0.00	33.53 -1.26 0.00	30.78 -1.16 0.00	29.98 -1.08 0.00	33.74 -1.25 0.00	35.33 -1.31 0.00	30.00 -1.04 0.00	34.21 -1.23 0.00	115.47 -4.31 0.00	36.31 -1.35 0.00	31.28 -1.17 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	46.11 1.92 0.00	41.61 1.67 0.00	46.39 1.64 0.00	35.96 1.26 0.00	33.64 1.15 0.00	48.34 1.95 0.00	52.93 2.59 0.00	46.87 2.15 0.00	36.46 1.67 0.00	33.42 1.48 0.00	32.64 1.57 0.00	36.96 1.97 0.00	38.71 2.07 0.00	32.58 1.54 0.00	37.26 1.82 0.00	126.20 6.43 0.00	39.69 2.03 0.00	34.20 1.75 0.00
FORT ORANGE___ 23900	45.47 1.29 0.00	41.35 1.42 0.00	46.22 1.47 0.00	35.88 1.18 0.00	33.52 1.04 0.00	47.89 1.50 0.00	51.91 1.58 0.00	45.96 1.24 0.00	35.67 0.88 0.00	32.70 0.77 0.00	31.72 0.64 0.00	35.69 0.70 0.00	37.40 0.75 0.00	31.52 0.47 0.00	36.07 0.62 0.00	122.48 2.71 0.00	38.59 0.93 0.00	33.10 0.65 0.00
FORT_DRUM_COGEN 23780	42.08 -2.10 0.00	38.32 -1.61 0.00	43.58 -1.18 0.00	34.03 -0.67 0.00	31.89 -0.59 0.00	45.53 -0.86 0.00	50.25 -0.09 0.00	45.11 0.39 0.00	35.19 0.40 0.00	32.26 0.32 0.00	31.13 0.06 0.00	35.23 0.24 0.00	36.74 0.09 0.00	31.53 0.48 0.00	35.68 0.24 0.00	122.40 2.64 0.00	38.58 0.91 0.00	33.30 0.85 0.00
FOX_HILLS___ESR 323835	46.20 2.02 0.00	41.66 1.73 0.00	46.40 1.65 0.00	35.98 1.29 0.00	33.62 1.14 0.00	48.34 1.95 0.00	53.06 2.73 0.00	47.03 2.31 0.00	36.68 1.89 0.00	33.60 1.67 0.00	32.83 1.76 0.00	37.19 2.21 0.00	39.03 2.38 0.00	32.70 1.66 0.00	37.48 2.04 0.00	126.85 7.08 0.00	39.88 2.22 0.00	34.36 1.91 0.00
FPL_FAR_ROCK_GT1 24212	48.57 2.92 -1.47	42.50 2.56 0.00	47.30 2.55 0.00	36.68 1.98 0.00	34.33 1.84 0.00	49.21 2.82 0.00	53.55 3.22 0.00	47.23 2.51 0.00	37.13 2.34 0.00	34.03 2.09 0.00	33.32 2.25 0.00	37.66 2.67 0.00	39.49 2.85 0.00	33.24 2.20 0.00	37.79 2.34 0.00	126.72 6.95 0.00	40.02 2.36 0.00	34.49 2.04 0.00
FPL_FAR_ROCK_GT2 23815	48.57 2.92 -1.47	42.50 2.56 0.00	47.30 2.55 0.00	36.68 1.98 0.00	34.33 1.84 0.00	49.21 2.82 0.00	53.55 3.22 0.00	47.23 2.51 0.00	37.13 2.34 0.00	34.03 2.09 0.00	33.32 2.25 0.00	37.66 2.67 0.00	39.49 2.85 0.00	33.24 2.20 0.00	37.79 2.34 0.00	126.72 6.95 0.00	40.02 2.36 0.00	34.49 2.04 0.00
FRANKLIN_FALL_HYD 24054	43.95 -0.23 0.00	39.62 -0.32 0.00	44.57 -0.18 0.00	34.54 -0.16 0.00	32.41 -0.08 0.00	46.39 0.01 0.00	50.38 0.05 0.00	45.09 0.37 0.00	35.04 0.25 0.00	32.22 0.28 0.00	31.21 0.14 0.00	35.05 0.06 0.00	36.70 0.05 0.00	31.16 0.12 0.00	35.63 0.18 0.00	120.22 0.45 0.00	37.94 0.28 0.00	32.75 0.30 0.00

FREEPORT_EQUS_GT1 23764	47.97 2.71 -1.08	42.29 2.35 0.00	47.05 2.30 0.00	36.49 1.79 0.00	34.16 1.68 0.00	48.96 2.57 0.00	53.26 2.93 0.00	46.96 2.24 0.00	36.92 2.13 0.00	33.79 1.85 0.00	33.08 2.00 0.00	37.37 2.38 0.00	39.24 2.59 0.00	33.00 1.96 0.00	37.49 2.04 0.00	125.83 6.06 0.00	39.78 2.12 0.00	34.26 1.81 0.00
FREEPORT___CT2 23818	47.97 2.71 -1.08	42.29 2.35 0.00	47.05 2.30 0.00	36.49 1.79 0.00	34.16 1.68 0.00	48.96 2.57 0.00	53.26 2.93 0.00	46.96 2.24 0.00	36.92 2.13 0.00	33.79 1.85 0.00	33.08 2.00 0.00	37.37 2.38 0.00	39.24 2.59 0.00	33.00 1.96 0.00	37.49 2.04 0.00	125.83 6.06 0.00	39.78 2.12 0.00	34.26 1.81 0.00
FRESHKLS_33_KV_LOAD 356253	46.28 2.10 0.00	41.74 1.81 0.00	46.49 1.74 0.00	36.05 1.36 0.00	33.68 1.20 0.00	48.43 2.04 0.00	53.16 2.83 0.00	47.12 2.40 0.00	36.73 1.94 0.00	33.63 1.69 0.00	32.84 1.76 0.00	37.22 2.23 0.00	39.05 2.40 0.00	32.70 1.66 0.00	37.49 2.04 0.00	126.86 7.09 0.00	39.92 2.25 0.00	34.42 1.97 0.00
FULTON COGEN____ 23766	42.83 -1.36 0.00	38.71 -1.22 0.00	43.40 -1.35 0.00	33.65 -1.05 0.00	31.50 -0.99 0.00	44.81 -1.59 0.00	48.52 -1.81 0.00	43.17 -1.55 0.00	33.61 -1.18 0.00	30.85 -1.09 0.00	30.06 -1.01 0.00	33.83 -1.16 0.00	35.43 -1.22 0.00	30.10 -0.95 0.00	34.28 -1.16 0.00	115.82 -3.95 0.00	36.43 -1.23 0.00	31.38 -1.07 0.00
FULTON___LFGE 323630	46.12 1.94 0.00	41.63 1.70 0.00	46.67 1.92 0.00	36.18 1.49 0.00	33.87 1.38 0.00	48.56 2.17 0.00	52.92 2.59 0.00	46.85 2.14 0.00	35.70 0.91 0.00	31.98 0.04 0.00	31.02 -0.05 0.00	35.43 0.44 0.00	37.19 0.55 0.00	31.58 0.54 0.00	35.98 0.53 0.00	122.61 2.84 0.00	38.95 1.29 0.00	33.77 1.32 0.00
G.F.CEMENT___DRP 24184	46.57 2.38 0.00	42.15 2.21 0.00	47.25 2.50 0.00	36.65 1.96 0.00	34.21 1.73 0.00	49.31 2.92 0.00	53.57 3.23 0.00	47.38 2.66 0.00	36.60 1.81 0.00	33.34 1.40 0.00	32.06 0.99 0.00	35.91 0.92 0.00	37.59 0.94 0.00	31.82 0.77 0.00	36.58 1.13 0.00	125.05 5.27 0.00	39.42 1.75 0.00	34.25 1.80 0.00
GARDENVILLE___LBMP 24039	41.79 -2.39 0.00	37.70 -2.24 0.00	42.67 -2.09 0.00	32.93 -1.77 0.00	31.03 -1.46 0.00	43.67 -2.71 0.00	42.01 -3.44 4.88	41.95 -2.77 0.00	13.58 -1.97 19.25	30.27 -1.67 0.00	29.73 -1.35 0.00	33.39 -1.60 0.00	35.05 -1.59 0.00	30.12 -0.92 0.00	33.96 -1.49 0.00	20.33 -7.03 92.40	25.03 -2.80 9.83	29.88 -2.58 0.00
GARDNVLA_35_KV_LD 355827	42.01 -2.17 0.00	37.88 -2.06 0.00	42.87 -1.88 0.00	33.07 -1.63 0.00	31.18 -1.31 0.00	43.87 -2.52 0.00	42.29 -3.16 4.88	42.25 -2.47 0.00	13.82 -1.72 19.25	30.50 -1.44 0.00	29.95 -1.12 0.00	33.64 -1.35 0.00	35.32 -1.33 0.00	30.37 -0.67 0.00	34.24 -1.21 0.00	21.09 -6.23 92.45	25.31 -2.52 9.83	30.14 -2.31 0.00
GELCKHM___115KV_LOAD 80723	43.51 -0.68 0.00	39.33 -0.61 0.00	44.07 -0.68 0.00	34.16 -0.54 0.00	32.00 -0.49 0.00	45.53 -0.85 0.00	48.74 -1.01 0.59	43.83 -0.88 0.00	31.81 -0.67 2.31	31.32 -0.61 0.00	30.53 -0.54 0.00	34.36 -0.62 0.00	35.99 -0.66 0.00	30.57 -0.48 0.00	34.83 -0.61 0.00	106.52 -2.15 11.10	35.79 -0.69 1.18	31.84 -0.62 0.00
GENERAL___MILLS 23808	41.87 -2.31 0.00	37.77 -2.17 0.00	42.75 -2.00 0.00	32.98 -1.72 0.00	31.09 -1.39 0.00	43.75 -2.64 0.00	42.11 -3.34 4.88	42.07 -2.65 0.00	13.66 -1.89 19.25	30.35 -1.59 0.00	29.79 -1.28 0.00	33.46 -1.53 0.00	35.13 -1.52 0.00	30.20 -0.84 0.00	34.05 -1.40 0.00	20.53 -6.81 92.43	25.12 -2.72 9.83	29.97 -2.48 0.00
GE_PLASTICS___DRP 24183	45.22 1.04 0.00	41.05 1.12 0.00	45.89 1.14 0.00	35.61 0.91 0.00	33.29 0.80 0.00	47.59 1.20 0.00	51.63 1.30 0.00	45.73 1.01 0.00	35.53 0.74 0.00	32.62 0.67 0.00	31.69 0.62 0.00	35.69 0.71 0.00	37.38 0.74 0.00	31.53 0.48 0.00	36.07 0.63 0.00	122.35 2.58 0.00	38.48 0.82 0.00	33.07 0.62 0.00
GILBOA___1 23756	45.10 0.92 0.00	40.79 0.86 0.00	45.59 0.84 0.00	35.35 0.65 0.00	33.07 0.59 0.00	47.38 0.99 0.00	52.15 1.24 -0.58	45.61 0.89 0.00	37.80 0.73 -2.27	32.62 0.68 0.00	31.78 0.71 0.00	35.86 0.87 0.00	37.54 0.89 0.00	31.68 0.64 0.00	36.21 0.77 0.00	133.55 2.87 -10.91	39.55 0.73 -1.16	33.00 0.55 0.00
GILBOA___2 23757	45.10 0.92 0.00	40.79 0.86 0.00	45.59 0.84 0.00	35.35 0.65 0.00	33.07 0.59 0.00	47.38 0.99 0.00	52.15 1.24 -0.58	45.61 0.89 0.00	37.80 0.73 -2.27	32.62 0.68 0.00	31.78 0.71 0.00	35.86 0.87 0.00	37.54 0.89 0.00	31.68 0.64 0.00	36.21 0.77 0.00	133.55 2.87 -10.91	39.55 0.73 -1.16	33.00 0.55 0.00
GILBOA___3 23758	45.10 0.92 0.00	40.79 0.86 0.00	45.59 0.84 0.00	35.35 0.65 0.00	33.07 0.59 0.00	47.38 0.99 0.00	52.15 1.24 -0.58	45.61 0.89 0.00	37.80 0.73 -2.27	32.62 0.68 0.00	31.78 0.71 0.00	35.86 0.87 0.00	37.54 0.89 0.00	31.68 0.64 0.00	36.21 0.77 0.00	133.55 2.87 -10.91	39.55 0.73 -1.16	33.00 0.55 0.00
GILBOA___4 23759	45.10 0.92 0.00	40.79 0.86 0.00	45.59 0.84 0.00	35.35 0.65 0.00	33.07 0.59 0.00	47.38 0.99 0.00	52.15 1.24 -0.58	45.61 0.89 0.00	37.80 0.73 -2.27	32.62 0.68 0.00	31.78 0.71 0.00	35.86 0.87 0.00	37.54 0.89 0.00	31.68 0.64 0.00	36.21 0.77 0.00	133.55 2.87 -10.91	39.55 0.73 -1.16	33.00 0.55 0.00

GILBOA____ 23599	45.10 0.92 0.00	40.79 0.86 0.00	45.59 0.84 0.00	35.35 0.65 0.00	33.07 0.59 0.00	47.38 0.99 0.00	52.15 1.24 -0.58	45.62 0.90 0.00	37.79 0.72 -2.27	32.62 0.68 0.00	31.79 0.72 0.00	35.86 0.87 0.00	37.54 0.89 0.00	31.68 0.64 0.00	36.22 0.77 0.00	133.55 2.87 -10.91	39.55 0.72 -1.16	33.00 0.55 0.00
GINNA____ 23603	41.18 -3.00 0.00	37.14 -2.79 0.00	41.74 -3.01 0.00	32.33 -2.37 0.00	30.36 -2.12 0.00	43.09 -3.30 0.00	44.35 -3.71 2.28	41.63 -3.09 0.00	23.47 -2.34 8.98	29.82 -2.12 0.00	29.09 -1.99 0.00	32.75 -2.24 0.00	34.33 -2.32 0.00	29.33 -1.71 0.00	33.36 -2.09 0.00	69.00 -7.68 43.09	30.49 -2.59 4.58	30.22 -2.23 0.00
GLEN PARK____ 23778	42.17 -2.01 0.00	38.39 -1.54 0.00	43.66 -1.09 0.00	34.08 -0.62 0.00	31.96 -0.52 0.00	45.63 -0.76 0.00	50.39 0.06 0.00	45.25 0.54 0.00	35.30 0.51 0.00	32.34 0.40 0.00	31.19 0.12 0.00	35.28 0.29 0.00	36.81 0.17 0.00	31.64 0.59 0.00	35.74 0.30 0.00	122.78 3.01 0.00	38.72 1.05 0.00	33.43 0.97 0.00
GLENDALE_27_KV_LOAD 356172	46.23 2.05 0.00	41.69 1.76 0.00	46.42 1.67 0.00	35.99 1.29 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.05 2.72 0.00	47.06 2.34 0.00	36.77 1.98 0.00	33.74 1.80 0.00	32.96 1.89 0.00	37.32 2.33 0.00	39.15 2.50 0.00	32.83 1.79 0.00	37.62 2.17 0.00	127.31 7.54 0.00	40.03 2.37 0.00	34.46 2.01 0.00
GLENWOOD_IC_1_G5 23712	47.91 2.41 -1.31	42.03 2.09 0.00	46.79 2.04 0.00	36.28 1.58 0.00	33.95 1.46 0.00	48.71 2.32 0.00	53.15 2.82 0.00	46.97 2.25 0.00	36.81 2.02 0.00	33.75 1.81 0.00	33.04 1.96 0.00	37.36 2.37 0.00	39.20 2.55 0.00	32.94 1.90 0.00	37.56 2.12 0.00	126.42 6.65 0.00	39.87 2.21 0.00	34.33 1.88 0.00
GLENWOOD_IC_2_G1 23688	46.36 2.12 -0.06	41.76 1.83 0.00	46.52 1.77 0.00	36.07 1.37 0.00	33.73 1.24 0.00	48.42 2.04 0.00	52.90 2.57 0.00	46.80 2.08 0.00	36.61 1.82 0.00	33.56 1.63 0.00	32.84 1.77 0.00	37.14 2.15 0.00	38.95 2.31 0.00	32.74 1.69 0.00	37.36 1.91 0.00	126.00 6.23 0.00	39.73 2.07 0.00	34.20 1.74 0.00
GLENWOOD_IC_3_G1 23689	46.36 2.12 -0.06	41.76 1.83 0.00	46.52 1.77 0.00	36.07 1.37 0.00	33.73 1.24 0.00	48.42 2.04 0.00	52.90 2.57 0.00	46.80 2.08 0.00	36.61 1.82 0.00	33.56 1.63 0.00	32.84 1.77 0.00	37.14 2.15 0.00	38.95 2.31 0.00	32.74 1.69 0.00	37.36 1.91 0.00	126.00 6.23 0.00	39.73 2.07 0.00	34.20 1.74 0.00
GLENWOOD___4 23550	47.91 2.41 -1.31	42.03 2.09 0.00	46.79 2.04 0.00	36.28 1.58 0.00	33.95 1.46 0.00	48.71 2.32 0.00	53.15 2.82 0.00	46.97 2.25 0.00	36.81 2.02 0.00	33.75 1.81 0.00	33.04 1.96 0.00	37.36 2.37 0.00	39.20 2.55 0.00	32.94 1.90 0.00	37.56 2.12 0.00	126.42 6.65 0.00	39.87 2.21 0.00	34.33 1.88 0.00
GLENWOOD___5 23614	47.91 2.41 -1.31	42.03 2.09 0.00	46.79 2.04 0.00	36.28 1.58 0.00	33.95 1.46 0.00	48.71 2.32 0.00	53.15 2.82 0.00	46.97 2.25 0.00	36.81 2.02 0.00	33.75 1.81 0.00	33.04 1.96 0.00	37.36 2.37 0.00	39.20 2.55 0.00	32.94 1.90 0.00	37.56 2.12 0.00	126.42 6.65 0.00	39.87 2.21 0.00	34.33 1.88 0.00
GLOBAL GREEN_PORT_GT1 23814	47.88 2.88 -0.82	42.52 2.59 0.00	47.35 2.60 0.00	36.54 1.85 0.00	34.31 1.83 0.00	49.35 2.96 0.00	53.53 3.19 0.00	46.86 2.14 0.00	36.92 2.13 0.00	33.27 1.33 0.00	24.92 0.96 7.11	25.56 0.94 10.37	34.68 1.43 3.39	32.51 1.47 0.00	37.23 1.78 0.00	125.42 5.65 0.00	40.16 2.50 0.00	34.99 2.54 0.00
GLOBE___DSASP 323697	40.75 -3.43 0.00	36.74 -3.20 0.00	41.60 -3.15 0.00	32.18 -2.52 0.00	30.32 -2.16 0.00	42.43 -3.95 0.00	41.19 -4.81 4.33	40.70 -4.02 0.00	14.84 -2.85 17.10	29.44 -2.50 0.00	28.82 -2.26 0.00	32.31 -2.68 0.00	33.93 -2.72 0.00	29.23 -1.81 0.00	32.95 -2.50 0.00	27.77 -10.12 81.88	25.14 -3.79 8.73	28.83 -3.62 0.00
GOETHSLN___LBMP 323567	46.05 1.86 0.00	41.52 1.59 0.00	46.24 1.49 0.00	35.84 1.15 0.00	33.50 1.02 0.00	48.16 1.78 0.00	52.83 2.49 0.00	46.83 2.11 0.00	36.53 1.74 0.00	33.50 1.56 0.00	32.76 1.68 0.00	37.09 2.10 0.00	38.90 2.25 0.00	32.63 1.59 0.00	37.38 1.93 0.00	126.51 6.74 0.00	39.82 2.15 0.00	34.26 1.81 0.00
GOLAH___69_KV_TB 1_2 80279	43.24 -0.94 0.00	38.99 -0.95 0.00	43.89 -0.86 0.00	33.98 -0.72 0.00	31.97 -0.52 0.00	45.24 -1.15 0.00	46.21 -1.48 2.64	43.65 -1.07 0.00	23.65 -0.74 10.40	31.27 -0.67 0.00	30.57 -0.51 0.00	34.36 -0.63 0.00	36.04 -0.61 0.00	30.94 -0.10 0.00	35.10 -0.34 0.00	67.48 -2.35 49.93	31.32 -1.04 5.31	31.52 -0.93 0.00
GOODYEAR_LAKE_HYD 323669	45.36 1.18 0.00	40.94 1.00 0.00	45.81 1.06 0.00	35.51 0.81 0.00	33.26 0.78 0.00	47.68 1.29 0.00	53.34 1.68 -1.33	46.11 1.40 0.00	41.16 1.13 -5.24	32.97 1.03 0.00	32.13 1.06 0.00	36.34 1.35 0.00	38.01 1.36 0.00	32.13 1.08 0.00	36.67 1.22 0.00	149.03 4.09 -25.17	41.53 1.19 -2.68	33.46 1.01 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	44.21 0.03 0.00	39.94 0.01 0.00	44.76 0.01 0.00	34.64 -0.06 0.00	32.47 -0.01 0.00	46.37 -0.02 0.00	55.59 0.02 -5.24	44.72 0.00 0.00	55.44 -0.03 -20.68	31.93 -0.01 0.00	31.18 0.10 0.00	35.13 0.14 0.00	36.82 0.17 0.00	31.24 0.20 0.00	35.58 0.14 0.00	219.20 0.17 -99.26	48.19 -0.03 -10.56	32.40 -0.07 0.00

GOUDEY___7 23579	44.21 0.03 0.00	39.94 0.01 0.00	44.76 0.01 0.00	34.64 -0.06 0.00	32.47 -0.01 0.00	46.37 -0.02 0.00	55.59 0.02 -5.24	44.72 0.00 0.00	55.44 -0.03 -20.68	31.93 -0.01 0.00	31.18 0.10 0.00	35.13 0.14 0.00	36.82 0.17 0.00	31.24 0.20 0.00	35.58 0.14 0.00	219.20 0.17 -99.26	48.19 -0.03 -10.56	32.40 -0.07 0.00
GOUDEY___8 23580	44.21 0.03 0.00	39.94 0.01 0.00	44.76 0.01 0.00	34.64 -0.06 0.00	32.47 -0.01 0.00	46.37 -0.02 0.00	55.59 0.02 -5.24	44.72 0.00 0.00	55.44 -0.03 -20.68	31.93 -0.01 0.00	31.18 0.10 0.00	35.13 0.14 0.00	36.82 0.17 0.00	31.24 0.20 0.00	35.58 0.14 0.00	219.20 0.17 -99.26	48.19 -0.03 -10.56	32.40 -0.07 0.00
GOWANUS_GT1_1 24077	46.08 1.90 0.00	41.56 1.62 0.00	46.28 1.53 0.00	35.88 1.18 0.00	33.54 1.05 0.00	48.21 1.82 0.00	52.86 2.53 0.00	46.87 2.16 0.00	36.57 1.78 0.00	33.55 1.61 0.00	32.80 1.73 0.00	37.13 2.13 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.41 1.96 0.00	126.59 6.82 0.00	39.84 2.17 0.00	34.30 1.84 0.00
GOWANUS_GT1_2 24078	46.08 1.90 0.00	41.56 1.62 0.00	46.28 1.53 0.00	35.88 1.18 0.00	33.54 1.05 0.00	48.21 1.82 0.00	52.86 2.53 0.00	46.87 2.16 0.00	36.57 1.78 0.00	33.55 1.61 0.00	32.80 1.73 0.00	37.13 2.13 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.41 1.96 0.00	126.59 6.82 0.00	39.84 2.17 0.00	34.30 1.84 0.00
GOWANUS_GT1_3 24079	46.08 1.90 0.00	41.56 1.62 0.00	46.28 1.53 0.00	35.88 1.18 0.00	33.54 1.05 0.00	48.21 1.82 0.00	52.86 2.53 0.00	46.87 2.16 0.00	36.57 1.78 0.00	33.55 1.61 0.00	32.80 1.73 0.00	37.13 2.13 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.41 1.96 0.00	126.59 6.82 0.00	39.84 2.17 0.00	34.30 1.84 0.00
GOWANUS_GT1_4 24080	46.08 1.90 0.00	41.56 1.62 0.00	46.28 1.53 0.00	35.88 1.18 0.00	33.54 1.05 0.00	48.21 1.82 0.00	52.86 2.53 0.00	46.87 2.16 0.00	36.57 1.78 0.00	33.55 1.61 0.00	32.80 1.73 0.00	37.13 2.13 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.41 1.96 0.00	126.59 6.82 0.00	39.84 2.17 0.00	34.30 1.84 0.00
GOWANUS_GT1_5 24084	46.08 1.90 0.00	41.56 1.62 0.00	46.28 1.53 0.00	35.88 1.18 0.00	33.54 1.05 0.00	48.21 1.82 0.00	52.86 2.53 0.00	46.87 2.16 0.00	36.57 1.78 0.00	33.55 1.61 0.00	32.80 1.73 0.00	37.13 2.13 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.41 1.96 0.00	126.59 6.82 0.00	39.84 2.17 0.00	34.30 1.84 0.00
GOWANUS_GT1_6 24111	46.08 1.90 0.00	41.56 1.62 0.00	46.28 1.53 0.00	35.88 1.18 0.00	33.54 1.05 0.00	48.21 1.82 0.00	52.86 2.53 0.00	46.87 2.16 0.00	36.57 1.78 0.00	33.55 1.61 0.00	32.80 1.73 0.00	37.13 2.13 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.41 1.96 0.00	126.59 6.82 0.00	39.84 2.17 0.00	34.30 1.84 0.00
GOWANUS_GT1_7 24112	46.08 1.90 0.00	41.56 1.62 0.00	46.28 1.53 0.00	35.88 1.18 0.00	33.54 1.05 0.00	48.21 1.82 0.00	52.86 2.53 0.00	46.87 2.16 0.00	36.57 1.78 0.00	33.55 1.61 0.00	32.80 1.73 0.00	37.13 2.13 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.41 1.96 0.00	126.59 6.82 0.00	39.84 2.17 0.00	34.30 1.84 0.00
GOWANUS_GT1_8 24113	46.08 1.90 0.00	41.56 1.62 0.00	46.28 1.53 0.00	35.88 1.18 0.00	33.54 1.05 0.00	48.21 1.82 0.00	52.86 2.53 0.00	46.87 2.16 0.00	36.57 1.78 0.00	33.55 1.61 0.00	32.80 1.73 0.00	37.13 2.13 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.41 1.96 0.00	126.59 6.82 0.00	39.84 2.17 0.00	34.30 1.84 0.00
GOWANUS_GT2_1 24114	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.00 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.07 2.36 0.00	36.73 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.56 2.12 0.00	127.16 7.38 0.00	39.97 2.31 0.00	34.42 1.97 0.00
GOWANUS_GT2_2 24115	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.00 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.07 2.36 0.00	36.73 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.56 2.12 0.00	127.16 7.38 0.00	39.97 2.31 0.00	34.42 1.97 0.00
GOWANUS_GT2_3 24116	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.00 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.07 2.36 0.00	36.73 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.56 2.12 0.00	127.16 7.38 0.00	39.97 2.31 0.00	34.42 1.97 0.00
GOWANUS_GT2_4 24117	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.00 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.07 2.36 0.00	36.73 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.56 2.12 0.00	127.16 7.38 0.00	39.97 2.31 0.00	34.42 1.97 0.00
GOWANUS_GT2_5 24118	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.00 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.07 2.36 0.00	36.73 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.56 2.12 0.00	127.16 7.38 0.00	39.97 2.31 0.00	34.42 1.97 0.00

GOWANUS_GT4_5 24134	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.01 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.08 2.36 0.00	36.74 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.57 2.13 0.00	127.15 7.38 0.00	39.97 2.30 0.00	34.42 1.97 0.00
GOWANUS_GT4_6 24135	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.01 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.08 2.36 0.00	36.74 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.57 2.13 0.00	127.15 7.38 0.00	39.97 2.30 0.00	34.42 1.97 0.00
GOWANUS_GT4_7 24136	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.01 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.08 2.36 0.00	36.74 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.57 2.13 0.00	127.15 7.38 0.00	39.97 2.30 0.00	34.42 1.97 0.00
GOWANUS_GT4_8 24137	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.01 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.08 2.36 0.00	36.74 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.57 2.13 0.00	127.15 7.38 0.00	39.97 2.30 0.00	34.42 1.97 0.00
GREATVRV_69_KV_BK1 356245	48.12 3.09 -0.84	42.60 2.67 0.00	47.41 2.66 0.00	36.80 2.10 0.00	34.47 1.99 0.00	49.34 2.95 0.00	53.57 3.24 0.00	47.17 2.45 0.00	37.15 2.36 0.00	33.87 1.93 0.00	34.32 1.97 -1.28	39.11 2.25 -1.87	39.76 2.50 -0.61	32.94 1.90 0.00	37.48 2.03 0.00	125.64 5.87 0.00	39.93 2.27 0.00	34.42 1.97 0.00
GREENBSH_115KV_TB3 55895	45.29 1.10 0.00	41.20 1.27 0.00	46.04 1.29 0.00	35.74 1.04 0.00	33.39 0.90 0.00	47.69 1.31 0.00	51.68 1.35 0.00	45.76 1.04 0.00	35.54 0.75 0.00	32.62 0.68 0.00	31.66 0.59 0.00	35.63 0.64 0.00	37.30 0.65 0.00	31.45 0.41 0.00	36.00 0.56 0.00	122.21 2.44 0.00	38.47 0.81 0.00	33.00 0.55 0.00
GREENDGE_115KV_TB5 80291	43.12 -1.06 0.00	38.96 -0.98 0.00	43.83 -0.92 0.00	33.78 -0.92 0.00	31.81 -0.68 0.00	45.30 -1.09 0.00	42.63 -1.29 6.41	43.75 -0.96 0.00	8.67 -0.83 25.29	31.26 -0.68 0.00	30.60 -0.47 0.00	34.36 -0.63 0.00	36.01 -0.64 0.00	30.75 -0.29 0.00	34.94 -0.51 0.00	-4.70 -3.06 121.40	23.62 -1.13 12.91	31.46 -0.99 0.00
GREENIDGE__3 23582	43.12 -1.06 0.00	38.96 -0.98 0.00	43.83 -0.92 0.00	33.78 -0.92 0.00	31.81 -0.68 0.00	45.30 -1.09 0.00	42.63 -1.29 6.41	43.75 -0.96 0.00	8.67 -0.83 25.29	31.26 -0.68 0.00	30.60 -0.47 0.00	34.36 -0.63 0.00	36.01 -0.64 0.00	30.75 -0.29 0.00	34.94 -0.51 0.00	-4.70 -3.06 121.40	23.62 -1.13 12.91	31.46 -0.99 0.00
GREENIDGE__4 23583	43.12 -1.07 0.00	38.96 -0.98 0.00	43.83 -0.92 0.00	33.78 -0.92 0.00	31.81 -0.68 0.00	45.29 -1.09 0.00	42.61 -1.31 6.41	43.76 -0.96 0.00	8.68 -0.82 25.29	31.26 -0.68 0.00	30.60 -0.47 0.00	34.35 -0.63 0.00	36.01 -0.63 0.00	30.74 -0.30 0.00	34.94 -0.51 0.00	-4.74 -3.11 121.40	23.58 -1.17 12.91	31.46 -0.99 0.00
GREENLWN_69_KV_BK 3 55738	47.18 2.16 -0.84	41.79 1.85 0.00	46.50 1.74 0.00	36.07 1.37 0.00	33.75 1.27 0.00	48.26 1.87 0.00	52.32 1.99 0.00	46.09 1.37 0.00	36.39 1.60 0.00	33.36 1.42 0.00	32.82 1.75 0.00	37.10 2.11 0.00	38.93 2.28 0.00	32.75 1.71 0.00	37.15 1.71 0.00	124.06 4.28 0.00	39.28 1.61 0.00	33.71 1.26 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.01 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.08 2.36 0.00	36.74 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.57 2.13 0.00	127.15 7.38 0.00	39.97 2.30 0.00	34.42 1.97 0.00
GRISSOM__SOLAR 323813	46.12 1.94 0.00	41.64 1.70 0.00	46.67 1.92 0.00	36.16 1.47 0.00	33.85 1.37 0.00	48.53 2.14 0.00	52.87 2.54 0.00	46.75 2.03 0.00	35.56 0.77 0.00	31.79 -0.15 0.00	30.84 -0.23 0.00	35.31 0.32 0.00	37.12 0.47 0.00	31.43 0.38 0.00	35.82 0.37 0.00	122.28 2.50 0.00	38.90 1.24 0.00	33.71 1.26 0.00
GROVEVILLE__HYD 323602	46.11 1.92 0.00	41.61 1.67 0.00	46.39 1.64 0.00	35.96 1.26 0.00	33.64 1.15 0.00	48.34 1.95 0.00	52.93 2.59 0.00	46.87 2.15 0.00	36.46 1.67 0.00	33.42 1.48 0.00	32.64 1.57 0.00	36.96 1.97 0.00	38.71 2.07 0.00	32.58 1.54 0.00	37.26 1.82 0.00	126.20 6.43 0.00	39.69 2.03 0.00	34.20 1.75 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	43.74 -0.45 0.00	39.55 -0.39 0.00	44.31 -0.44 0.00	34.34 -0.36 0.00	32.17 -0.31 0.00	45.82 -0.57 0.00	48.94 -0.67 0.72	44.12 -0.61 0.00	31.49 -0.46 2.84	31.50 -0.43 0.00	30.71 -0.36 0.00	34.56 -0.43 0.00	36.20 -0.45 0.00	30.74 -0.30 0.00	35.02 -0.43 0.00	104.75 -1.39 13.63	35.75 -0.46 1.45	32.06 -0.39 0.00
HAMLTNNY_34_KV_TB 80303	43.82 -0.36 0.00	39.61 -0.32 0.00	44.39 -0.36 0.00	34.40 -0.30 0.00	32.22 -0.26 0.00	45.91 -0.48 0.00	48.82 -0.55 0.96	44.28 -0.44 0.00	30.69 -0.33 3.77	31.59 -0.35 0.00	30.82 -0.26 0.00	34.63 -0.36 0.00	36.30 -0.35 0.00	30.86 -0.19 0.00	35.17 -0.28 0.00	100.62 -1.04 18.11	35.36 -0.37 1.93	32.13 -0.33 0.00

HAMPSHIRE___PAPER_HYD 323593	42.26 -1.93 0.00	38.32 -1.62 0.00	43.31 -1.45 0.00	33.69 -1.01 0.00	31.58 -0.90 0.00	45.12 -1.27 0.00	49.35 -0.98 0.00	44.15 -0.57 0.00	34.36 -0.42 0.00	31.55 -0.39 0.00	30.48 -0.59 0.00	34.37 -0.62 0.00	35.95 -0.70 0.00	30.64 -0.41 0.00	34.96 -0.48 0.00	118.61 -1.16 0.00	37.42 -0.24 0.00	32.26 -0.19 0.00
HARDSCRABBLE_WT_PWR 323673	45.65 1.47 0.00	41.41 1.48 0.00	46.26 1.51 0.00	35.82 1.12 0.00	33.55 1.07 0.00	48.38 1.99 0.00	52.82 2.49 0.00	46.50 1.78 0.00	34.99 0.20 0.00	31.46 -0.48 0.00	30.39 -0.69 0.00	34.66 -0.33 0.00	36.52 -0.12 0.00	30.46 -0.58 0.00	34.88 -0.57 0.00	118.59 -1.18 0.00	38.26 0.60 0.00	33.19 0.72 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	45.93 1.75 0.00	41.42 1.49 0.00	46.16 1.41 0.00	35.80 1.10 0.00	33.47 0.98 0.00	48.09 1.70 0.00	53.22 2.34 -0.55	46.67 1.95 0.00	38.49 1.55 -2.16	33.29 1.35 0.00	32.56 1.49 0.00	36.92 1.93 0.00	38.64 1.99 0.00	32.51 1.47 0.00	37.20 1.75 0.00	136.33 6.21 -10.35	40.72 1.96 -1.10	34.10 1.65 0.00
HARSNRAD_115KV_TB1 81005	41.41 -2.77 0.00	37.38 -2.55 0.00	42.32 -2.43 0.00	32.74 -1.96 0.00	30.85 -1.64 0.00	43.26 -3.13 0.00	42.17 -4.01 4.15	41.43 -3.29 0.00	16.10 -2.32 16.37	29.92 -2.02 0.00	29.33 -1.75 0.00	32.90 -2.09 0.00	34.54 -2.10 0.00	29.78 -1.27 0.00	33.59 -1.86 0.00	33.13 -7.99 78.64	26.10 -3.21 8.36	29.58 -2.87 0.00
HARZA MOOSE___RIVER 24016	43.66 -0.53 0.00	39.64 -0.30 0.00	44.74 -0.02 0.00	34.79 0.10 0.00	32.61 0.13 0.00	46.62 0.23 0.00	51.03 0.70 0.00	45.57 0.85 0.00	35.47 0.68 0.00	32.52 0.59 0.00	31.33 0.26 0.00	35.47 0.48 0.00	37.07 0.43 0.00	31.52 0.47 0.00	36.12 0.67 0.00	122.93 3.16 0.00	38.72 1.05 0.00	33.39 0.94 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	43.54 -0.64 0.00	39.35 -0.58 0.00	44.10 -0.65 0.00	34.18 -0.52 0.00	32.02 -0.47 0.00	45.56 -0.83 0.00	49.37 -0.96 0.00	43.88 -0.84 0.00	34.18 -0.61 0.00	31.37 -0.57 0.00	30.58 -0.50 0.00	34.43 -0.56 0.00	36.06 -0.59 0.00	30.63 -0.41 0.00	34.91 -0.54 0.00	117.84 -1.93 0.00	37.02 -0.64 0.00	31.90 -0.55 0.00
HELLGATE_13_KV_LD 55870	46.26 2.08 0.00	41.71 1.78 0.00	46.41 1.66 0.00	35.98 1.28 0.00	33.64 1.16 0.00	48.37 1.98 0.00	53.05 2.72 0.00	47.05 2.33 0.00	36.77 1.98 0.00	33.71 1.77 0.00	32.95 1.88 0.00	37.30 2.31 0.00	39.14 2.49 0.00	32.84 1.79 0.00	37.61 2.16 0.00	127.29 7.52 0.00	40.01 2.35 0.00	34.46 2.01 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	46.26 2.08 0.00	41.71 1.78 0.00	46.41 1.66 0.00	35.98 1.28 0.00	33.64 1.16 0.00	48.37 1.98 0.00	53.05 2.72 0.00	47.05 2.33 0.00	36.77 1.98 0.00	33.71 1.77 0.00	32.95 1.88 0.00	37.30 2.31 0.00	39.14 2.49 0.00	32.84 1.79 0.00	37.61 2.16 0.00	127.29 7.52 0.00	40.01 2.35 0.00	34.46 2.01 0.00
HEMPSTEAD___ 23647	47.90 2.55 -1.17	42.14 2.21 0.00	46.90 2.15 0.00	36.37 1.68 0.00	34.04 1.56 0.00	48.81 2.43 0.00	53.16 2.83 0.00	46.92 2.20 0.00	36.85 2.06 0.00	33.75 1.81 0.00	33.05 1.97 0.00	37.36 2.37 0.00	39.21 2.57 0.00	32.97 1.92 0.00	37.50 2.05 0.00	125.98 6.21 0.00	39.79 2.13 0.00	34.23 1.78 0.00
HICKLING___1 23621	42.45 -1.73 0.00	38.37 -1.57 0.00	43.26 -1.49 0.00	33.14 -1.55 0.00	31.28 -1.20 0.00	44.63 -1.76 0.00	37.62 -2.22 10.49	42.88 -1.84 0.00	-8.06 -1.48 41.37	30.82 -1.13 0.00	30.40 -0.67 0.00	34.18 -0.81 0.00	35.87 -0.78 0.00	30.54 -0.50 0.00	34.45 -1.00 0.00	-84.62 -5.79 198.60	14.50 -2.04 21.13	30.70 -1.76 0.00
HICKLING___2 23622	42.45 -1.73 0.00	38.37 -1.57 0.00	43.26 -1.49 0.00	33.14 -1.55 0.00	31.28 -1.20 0.00	44.63 -1.76 0.00	37.62 -2.22 10.49	42.88 -1.84 0.00	-8.06 -1.48 41.37	30.82 -1.13 0.00	30.40 -0.67 0.00	34.18 -0.81 0.00	35.87 -0.78 0.00	30.54 -0.50 0.00	34.45 -1.00 0.00	-84.62 -5.79 198.60	14.50 -2.04 21.13	30.70 -1.76 0.00
HIGH FALLS___HY 23754	45.96 1.78 0.00	41.46 1.52 0.00	46.21 1.46 0.00	35.84 1.14 0.00	33.53 1.05 0.00	48.22 1.83 0.00	53.41 2.54 -0.53	46.79 2.07 0.00	38.27 1.38 -2.10	33.12 1.19 0.00	32.29 1.21 0.00	36.73 1.74 0.00	38.45 1.80 0.00	32.42 1.38 0.00	37.29 1.84 0.00	136.07 6.23 -10.07	40.70 1.97 -1.07	34.16 1.71 0.00
HIGH_RIVER___SOLAR 323847	45.96 1.77 0.00	41.50 1.57 0.00	46.50 1.75 0.00	36.05 1.35 0.00	33.75 1.27 0.00	48.37 1.99 0.00	52.66 2.32 0.00	46.52 1.80 0.00	35.65 0.85 0.00	32.22 0.28 0.00	31.19 0.12 0.00	35.34 0.35 0.00	37.08 0.44 0.00	31.46 0.41 0.00	35.84 0.39 0.00	121.83 2.06 0.00	38.57 0.91 0.00	33.42 0.96 0.00
HILLBURN___GT 23639	45.87 1.69 0.00	41.36 1.43 0.00	46.10 1.35 0.00	35.74 1.04 0.00	33.40 0.92 0.00	48.00 1.62 0.00	53.13 2.26 -0.54	46.62 1.90 0.00	38.42 1.51 -2.12	33.28 1.34 0.00	32.57 1.50 0.00	36.90 1.91 0.00	38.63 1.98 0.00	32.50 1.46 0.00	37.18 1.73 0.00	136.08 6.13 -10.17	40.67 1.93 -1.08	34.07 1.61 0.00
HILLSIDE_115KV_TB1 80332	41.86 -2.32 0.00	37.83 -2.10 0.00	42.63 -2.12 0.00	32.60 -2.10 0.00	30.76 -1.72 0.00	43.91 -2.48 0.00	35.32 -3.04 11.97	42.16 -2.56 0.00	-14.47 -2.05 47.21	30.34 -1.60 0.00	29.95 -1.12 0.00	33.64 -1.35 0.00	35.33 -1.32 0.00	30.01 -1.04 0.00	33.84 -1.61 0.00	-114.86 -8.00 226.63	10.87 -2.68 24.11	30.18 -2.27 0.00

HISHELDN_WT_PWR 323625	41.69 -2.49 0.00	37.67 -2.26 0.00	42.64 -2.11 0.00	32.88 -1.81 0.00	31.02 -1.47 0.00	43.77 -2.62 0.00	41.49 -3.30 5.54	42.05 -2.67 0.00	10.92 -2.01 21.86	30.17 -1.77 0.00	29.70 -1.37 0.00	33.38 -1.61 0.00	35.00 -1.65 0.00	30.10 -0.95 0.00	33.95 -1.50 0.00	7.67 -7.18 104.92	23.61 -2.89 11.16	29.88 -2.58 0.00
HOLTSVILLE_IC_1 23690	47.56 2.56 -0.81	42.18 2.24 0.00	46.93 2.17 0.00	36.44 1.74 0.00	34.13 1.65 0.00	48.83 2.44 0.00	52.93 2.60 0.00	46.59 1.87 0.00	36.77 1.98 0.00	33.49 1.55 0.00	32.64 1.57 0.00	36.79 1.80 0.00	38.66 2.02 0.00	32.56 1.52 0.00	36.98 1.54 0.00	123.83 4.06 0.00	39.50 1.83 0.00	34.10 1.64 0.00
HOLTSVILLE_IC_10 23699	47.77 2.77 -0.82	42.36 2.42 0.00	47.12 2.37 0.00	36.59 1.89 0.00	34.28 1.80 0.00	49.04 2.65 0.00	53.15 2.82 0.00	46.80 2.08 0.00	36.92 2.14 0.00	33.61 1.67 0.00	35.82 1.66 -3.08	41.36 1.89 -4.49	40.24 2.12 -1.47	32.64 1.60 0.00	37.07 1.63 0.00	124.20 4.43 0.00	39.65 1.99 0.00	34.23 1.77 0.00
HOLTSVILLE_IC_2 23691	47.56 2.56 -0.81	42.18 2.24 0.00	46.93 2.17 0.00	36.44 1.74 0.00	34.13 1.65 0.00	48.83 2.44 0.00	52.93 2.60 0.00	46.59 1.87 0.00	36.77 1.98 0.00	33.49 1.55 0.00	32.64 1.57 0.00	36.79 1.80 0.00	38.66 2.02 0.00	32.56 1.52 0.00	36.98 1.54 0.00	123.83 4.06 0.00	39.50 1.83 0.00	34.10 1.64 0.00
HOLTSVILLE_IC_3 23692	47.56 2.56 -0.81	42.18 2.24 0.00	46.93 2.17 0.00	36.44 1.74 0.00	34.13 1.65 0.00	48.83 2.44 0.00	52.93 2.60 0.00	46.59 1.87 0.00	36.77 1.98 0.00	33.49 1.55 0.00	32.64 1.57 0.00	36.79 1.80 0.00	38.66 2.02 0.00	32.56 1.52 0.00	36.98 1.54 0.00	123.83 4.06 0.00	39.50 1.83 0.00	34.10 1.64 0.00
HOLTSVILLE_IC_4 23693	47.56 2.56 -0.81	42.18 2.24 0.00	46.93 2.17 0.00	36.44 1.74 0.00	34.13 1.65 0.00	48.83 2.44 0.00	52.93 2.60 0.00	46.59 1.87 0.00	36.77 1.98 0.00	33.49 1.55 0.00	32.64 1.57 0.00	36.79 1.80 0.00	38.66 2.02 0.00	32.56 1.52 0.00	36.98 1.54 0.00	123.83 4.06 0.00	39.50 1.83 0.00	34.10 1.64 0.00
HOLTSVILLE_IC_5 23694	47.56 2.56 -0.81	42.18 2.24 0.00	46.93 2.17 0.00	36.44 1.74 0.00	34.13 1.65 0.00	48.83 2.44 0.00	52.93 2.60 0.00	46.59 1.87 0.00	36.77 1.98 0.00	33.49 1.55 0.00	32.64 1.57 0.00	36.79 1.80 0.00	38.66 2.02 0.00	32.56 1.52 0.00	36.98 1.54 0.00	123.83 4.06 0.00	39.50 1.83 0.00	34.10 1.64 0.00
HOLTSVILLE_IC_6 23695	47.77 2.77 -0.82	42.36 2.42 0.00	47.12 2.37 0.00	36.59 1.89 0.00	34.28 1.80 0.00	49.04 2.65 0.00	53.15 2.82 0.00	46.80 2.08 0.00	36.92 2.14 0.00	33.61 1.67 0.00	35.82 1.66 -3.08	41.36 1.89 -4.49	40.24 2.12 -1.47	32.64 1.60 0.00	37.07 1.63 0.00	124.20 4.43 0.00	39.65 1.99 0.00	34.23 1.77 0.00
HOLTSVILLE_IC_7 23696	47.77 2.77 -0.82	42.36 2.42 0.00	47.12 2.37 0.00	36.59 1.89 0.00	34.28 1.80 0.00	49.04 2.65 0.00	53.15 2.82 0.00	46.80 2.08 0.00	36.92 2.14 0.00	33.61 1.67 0.00	35.82 1.66 -3.08	41.36 1.89 -4.49	40.24 2.12 -1.47	32.64 1.60 0.00	37.07 1.63 0.00	124.20 4.43 0.00	39.65 1.99 0.00	34.23 1.77 0.00
HOLTSVILLE_IC_8 23697	47.77 2.77 -0.82	42.36 2.42 0.00	47.12 2.37 0.00	36.59 1.89 0.00	34.28 1.80 0.00	49.04 2.65 0.00	53.15 2.82 0.00	46.80 2.08 0.00	36.92 2.14 0.00	33.61 1.67 0.00	35.82 1.66 -3.08	41.36 1.89 -4.49	40.24 2.12 -1.47	32.64 1.60 0.00	37.07 1.63 0.00	124.20 4.43 0.00	39.65 1.99 0.00	34.23 1.77 0.00
HOLTSVILLE_IC_9 23698	47.77 2.77 -0.82	42.36 2.42 0.00	47.12 2.37 0.00	36.59 1.89 0.00	34.28 1.80 0.00	49.04 2.65 0.00	53.15 2.82 0.00	46.80 2.08 0.00	36.92 2.14 0.00	33.61 1.67 0.00	35.82 1.66 -3.08	41.36 1.89 -4.49	40.24 2.12 -1.47	32.64 1.60 0.00	37.07 1.63 0.00	124.20 4.43 0.00	39.65 1.99 0.00	34.23 1.77 0.00
HOMER_HL_115KV_TB2 355744	42.23 -1.96 0.00	37.97 -1.96 0.00	42.92 -1.83 0.00	33.01 -1.69 0.00	31.08 -1.40 0.00	43.96 -2.42 0.00	41.91 -2.85 5.58	42.34 -2.39 0.00	10.99 -1.79 22.00	30.52 -1.42 0.00	30.15 -0.92 0.00	33.90 -1.09 0.00	35.51 -1.14 0.00	30.36 -0.68 0.00	34.23 -1.22 0.00	7.91 -6.21 105.65	24.17 -2.26 11.24	30.28 -2.18 0.00
HOWARD_WT_PWR 323690	42.54 -1.64 0.00	38.48 -1.45 0.00	43.52 -1.24 0.00	33.46 -1.24 0.00	31.57 -0.92 0.00	45.02 -1.37 0.00	41.34 -1.66 7.33	43.48 -1.24 0.00	4.74 -1.12 28.93	30.89 -1.05 0.00	30.47 -0.60 0.00	34.21 -0.78 0.00	35.90 -0.75 0.00	30.93 -0.11 0.00	34.81 -0.64 0.00	-23.51 -4.42 138.86	20.89 -2.00 14.77	30.72 -1.74 0.00
HQ_GEN_CEDARS 23644	43.93 -0.25 0.00	39.65 -0.28 0.00	44.60 -0.15 0.00	34.58 -0.12 0.00	32.43 -0.06 0.00	46.30 -0.09 0.00	50.21 -0.12 0.00	44.83 0.11 0.00	34.86 0.07 0.00	32.05 0.11 0.00	31.08 0.01 0.00	34.93 -0.06 0.00	36.62 -0.03 0.00	31.12 0.08 0.00	35.52 0.07 0.00	119.67 -0.10 0.00	37.73 0.07 0.00	32.55 0.10 0.00
HQ_GEN_CEDARS_PROXY 323590	43.93 -0.25 0.00	39.65 -0.28 0.00	44.60 -0.15 0.00	34.58 -0.12 0.00	32.43 -0.06 0.00	46.30 -0.09 0.00	50.22 -0.11 0.00	44.82 0.10 0.00	34.86 0.07 0.00	32.05 0.11 0.00	31.08 0.01 0.00	34.93 -0.06 0.00	36.62 -0.03 0.00	31.12 0.08 0.00	35.52 0.07 0.00	119.67 -0.10 0.00	37.73 0.07 0.00	32.55 0.10 0.00

HQ_GEN_CHPE_PROXY 323851	46.02 1.83 0.00	41.51 1.57 0.00	46.21 1.46 0.00	35.83 1.13 0.00	33.50 1.02 0.00	48.14 1.75 0.00	52.79 2.46 0.00	46.81 2.09 0.00	36.52 1.73 0.00	33.49 1.55 0.00	32.74 1.67 0.00	37.05 2.06 0.00	39.03 2.22 -0.16	32.18 1.53 0.39	37.33 1.88 0.00	126.20 6.66 0.23	39.79 2.13 0.00	47.83 1.78 -13.60
HQ_GEN_IMPORT 323601	44.28 0.10 0.00	39.98 0.04 0.00	44.87 0.12 0.00	34.79 0.09 0.00	32.59 0.10 0.00	46.55 0.16 0.00	50.49 0.16 0.00	44.94 0.22 0.00	34.97 0.18 0.00	32.12 0.18 0.00	31.21 0.14 0.00	35.13 0.13 0.00	36.96 0.15 -0.16	31.21 0.17 0.00	35.62 0.17 0.00	119.93 0.38 0.22	37.81 0.15 0.00	32.62 0.16 0.00
HQ_GEN_WHEEL 23651	44.28 0.10 0.00	39.98 0.04 0.00	44.87 0.12 0.00	34.79 0.09 0.00	32.59 0.10 0.00	46.55 0.16 0.00	50.49 0.16 0.00	44.94 0.22 0.00	34.97 0.18 0.00	32.12 0.18 0.00	31.21 0.14 0.00	35.13 0.13 0.00	36.96 0.15 -0.16	31.21 0.17 0.00	35.62 0.17 0.00	119.93 0.38 0.22	37.81 0.15 0.00	32.62 0.16 0.00
HUDSON_AVE_GT_3 23810	46.14 1.96 0.00	41.61 1.67 0.00	46.34 1.59 0.00	35.92 1.22 0.00	33.58 1.10 0.00	48.28 1.89 0.00	52.95 2.61 0.00	46.95 2.23 0.00	36.63 1.85 0.00	33.61 1.67 0.00	32.85 1.78 0.00	37.18 2.19 0.00	39.00 2.35 0.00	32.71 1.67 0.00	37.47 2.02 0.00	126.83 7.06 0.00	39.90 2.24 0.00	34.36 1.91 0.00
HUDSON_AVE_GT_4 23540	46.14 1.96 0.00	41.61 1.67 0.00	46.34 1.59 0.00	35.92 1.22 0.00	33.58 1.10 0.00	48.28 1.89 0.00	52.95 2.61 0.00	46.95 2.23 0.00	36.63 1.85 0.00	33.61 1.67 0.00	32.85 1.78 0.00	37.18 2.19 0.00	39.00 2.35 0.00	32.71 1.67 0.00	37.47 2.02 0.00	126.83 7.06 0.00	39.90 2.24 0.00	34.36 1.91 0.00
HUDSON_AVE_GT_5 23657	46.14 1.96 0.00	41.61 1.67 0.00	46.34 1.59 0.00	35.92 1.22 0.00	33.58 1.10 0.00	48.28 1.89 0.00	52.95 2.61 0.00	46.95 2.23 0.00	36.63 1.85 0.00	33.61 1.67 0.00	32.85 1.78 0.00	37.18 2.19 0.00	39.00 2.35 0.00	32.71 1.67 0.00	37.47 2.02 0.00	126.83 7.06 0.00	39.90 2.24 0.00	34.36 1.91 0.00
HUDSON_AVE_10 24168	45.90 1.73 0.01	41.39 1.46 0.00	46.10 1.35 0.00	35.73 1.04 0.01	33.40 0.93 0.01	48.03 1.65 0.00	52.69 2.36 0.00	46.72 2.00 0.00	36.44 1.65 0.00	33.43 1.49 0.00	32.66 1.60 0.01	36.98 1.99 0.01	38.78 2.14 0.01	32.53 1.49 0.00	37.25 1.81 0.01	126.19 6.42 0.00	39.68 2.03 0.01	34.16 1.71 0.00
HUDSON___115KV_TB 4 355613	45.96 1.78 0.00	41.74 1.81 0.00	46.67 1.91 0.00	36.22 1.52 0.00	33.87 1.38 0.00	48.41 2.02 0.00	52.52 2.19 0.00	46.49 1.77 0.00	36.00 1.21 0.00	32.93 0.99 0.00	31.87 0.80 0.00	35.88 0.89 0.00	37.69 1.04 0.00	31.71 0.67 0.00	36.30 0.85 0.00	123.43 3.66 0.00	38.98 1.31 0.00	33.44 0.98 0.00
HUNTER MOUNT___DRP 323613	46.14 1.95 0.00	41.89 1.95 0.00	46.83 2.08 0.00	36.34 1.64 0.00	33.98 1.50 0.00	48.60 2.21 0.00	52.75 2.42 0.00	46.72 2.00 0.00	36.15 1.36 0.00	33.05 1.11 0.00	31.97 0.90 0.00	35.99 1.00 0.00	37.85 1.21 0.00	31.85 0.81 0.00	36.44 0.99 0.00	123.93 4.16 0.00	39.16 1.50 0.00	33.62 1.17 0.00
HUNTINGTON_RES_REC 323705	47.10 2.09 -0.83	41.72 1.78 0.00	46.41 1.66 0.00	36.01 1.31 0.00	33.70 1.21 0.00	48.19 1.80 0.00	52.22 1.89 0.00	45.99 1.27 0.00	36.32 1.53 0.00	33.28 1.34 0.00	32.70 1.63 0.00	36.97 1.98 0.00	38.81 2.16 0.00	32.64 1.60 0.00	37.02 1.57 0.00	123.61 3.84 0.00	39.19 1.53 0.00	33.65 1.19 0.00
HUNTLEY___63 23557	41.75 -2.43 0.00	37.66 -2.28 0.00	42.63 -2.12 0.00	32.94 -1.76 0.00	31.03 -1.45 0.00	43.54 -2.85 0.00	42.30 -3.60 4.43	41.81 -2.91 0.00	15.29 -2.03 17.47	30.23 -1.71 0.00	29.62 -1.45 0.00	33.25 -1.74 0.00	34.90 -1.74 0.00	30.25 -0.79 0.00	34.21 -1.24 0.00	29.42 -6.26 84.10	25.91 -2.83 8.92	29.78 -2.68 0.00
HUNTLEY___64 23558	41.75 -2.43 0.00	37.66 -2.28 0.00	42.63 -2.12 0.00	32.94 -1.76 0.00	31.03 -1.45 0.00	43.54 -2.85 0.00	42.30 -3.60 4.43	41.81 -2.91 0.00	15.29 -2.03 17.47	30.23 -1.71 0.00	29.62 -1.45 0.00	33.25 -1.74 0.00	34.90 -1.74 0.00	30.25 -0.79 0.00	34.21 -1.24 0.00	29.42 -6.26 84.10	25.91 -2.83 8.92	29.78 -2.68 0.00
HUNTLEY___65 23559	41.75 -2.43 0.00	37.66 -2.28 0.00	42.63 -2.12 0.00	32.94 -1.76 0.00	31.03 -1.45 0.00	43.54 -2.85 0.00	42.30 -3.60 4.43	41.81 -2.91 0.00	15.29 -2.03 17.47	30.23 -1.71 0.00	29.62 -1.45 0.00	33.25 -1.74 0.00	34.90 -1.74 0.00	30.25 -0.79 0.00	34.21 -1.24 0.00	29.42 -6.26 84.10	25.91 -2.83 8.92	29.78 -2.68 0.00
HUNTLEY___66 23560	41.75 -2.43 0.00	37.66 -2.28 0.00	42.63 -2.12 0.00	32.94 -1.76 0.00	31.03 -1.45 0.00	43.54 -2.85 0.00	42.30 -3.60 4.43	41.81 -2.91 0.00	15.29 -2.03 17.47	30.23 -1.71 0.00	29.62 -1.45 0.00	33.25 -1.74 0.00	34.90 -1.74 0.00	30.25 -0.79 0.00	34.21 -1.24 0.00	29.42 -6.26 84.10	25.91 -2.83 8.92	29.78 -2.68 0.00
HUNTLEY___67 23561	41.46 -2.73 0.00	37.38 -2.56 0.00	42.32 -2.43 0.00	32.69 -2.01 0.00	30.81 -1.67 0.00	43.27 -3.12 0.00	41.79 -3.93 4.62	41.54 -3.18 0.00	14.31 -2.27 18.21	30.00 -1.94 0.00	29.41 -1.66 0.00	33.00 -1.99 0.00	34.65 -2.00 0.00	29.80 -1.24 0.00	33.61 -1.84 0.00	24.23 -8.15 87.40	25.22 -3.15 9.30	29.58 -2.87 0.00

HUNTLEY___68 23562	41.46 -2.73 0.00	37.38 -2.56 0.00	42.32 -2.43 0.00	32.69 -2.01 0.00	30.81 -1.67 0.00	43.27 -3.12 0.00	41.79 -3.93 4.62	41.54 -3.18 0.00	14.31 -2.27 18.21	30.00 -1.94 0.00	29.41 -1.66 0.00	33.00 -1.99 0.00	34.65 -2.00 0.00	29.80 -1.24 0.00	33.61 -1.84 0.00	24.23 -8.15 87.40	25.22 -3.15 9.30	29.58 -2.87 0.00
HYLAND___LFGE 323620	44.63 0.45 0.00	40.23 0.29 0.00	45.37 0.62 0.00	34.98 0.28 0.00	32.99 0.50 0.00	46.88 0.49 0.00	45.69 0.57 5.21	44.31 -0.41 0.00	12.79 -1.44 20.56	29.88 -2.06 0.00	29.27 -1.80 0.00	32.94 -2.06 0.00	35.19 -1.45 0.00	32.81 1.76 0.00	36.28 0.83 0.00	20.42 -0.64 98.72	26.94 -0.22 10.50	32.52 0.06 0.00
INDECK___CORINTH 23802	46.40 2.22 0.00	41.98 2.05 0.00	47.10 2.35 0.00	36.52 1.82 0.00	34.04 1.55 0.00	49.03 2.64 0.00	53.29 2.96 0.00	47.13 2.41 0.00	36.43 1.64 0.00	33.20 1.26 0.00	31.96 0.89 0.00	35.83 0.84 0.00	37.53 0.88 0.00	31.76 0.71 0.00	36.47 1.02 0.00	124.57 4.80 0.00	39.27 1.60 0.00	34.10 1.64 0.00
INDECK___ILION 23567	46.00 1.82 0.00	41.75 1.81 0.00	46.58 1.82 0.00	36.06 1.36 0.00	33.79 1.30 0.00	48.76 2.37 0.00	53.31 2.98 0.00	46.81 2.09 0.00	34.93 0.14 0.00	31.23 -0.71 0.00	30.10 -0.97 0.00	34.50 -0.49 0.00	36.45 -0.20 0.00	30.33 -0.72 0.00	34.70 -0.74 0.00	117.98 -1.79 0.00	38.31 0.64 0.00	33.28 0.82 0.00
INDECK___OLEAN 23982	42.23 -1.95 0.00	37.97 -1.96 0.00	42.92 -1.83 0.00	33.01 -1.69 0.00	31.09 -1.40 0.00	43.97 -2.42 0.00	41.83 -2.92 5.58	42.34 -2.38 0.00	10.99 -1.80 22.00	30.52 -1.42 0.00	30.15 -0.92 0.00	33.90 -1.09 0.00	35.50 -1.15 0.00	30.36 -0.68 0.00	34.23 -1.22 0.00	7.88 -6.23 105.65	24.09 -2.34 11.24	30.25 -2.20 0.00
INDECK___OSWEGO 23783	42.94 -1.24 0.00	38.83 -1.10 0.00	43.51 -1.25 0.00	33.76 -0.94 0.00	31.60 -0.88 0.00	44.94 -1.45 0.00	48.64 -1.70 0.00	43.26 -1.46 0.00	33.67 -1.12 0.00	30.92 -1.02 0.00	30.14 -0.93 0.00	33.89 -1.10 0.00	35.48 -1.16 0.00	30.15 -0.90 0.00	34.35 -1.09 0.00	116.05 -3.72 0.00	36.50 -1.16 0.00	31.44 -1.01 0.00
INDECK___YERKES 23781	41.79 -2.39 0.00	37.70 -2.24 0.00	42.67 -2.09 0.00	32.97 -1.73 0.00	31.06 -1.43 0.00	43.58 -2.81 0.00	42.27 -3.63 4.43	41.86 -2.86 0.00	15.33 -1.99 17.47	30.26 -1.68 0.00	29.65 -1.42 0.00	33.28 -1.71 0.00	34.94 -1.71 0.00	30.29 -0.76 0.00	34.26 -1.19 0.00	29.56 -6.12 84.10	25.88 -2.86 8.92	29.81 -2.64 0.00
INDIAN POINT_GT_1 24139	45.82 1.63 0.00	41.33 1.40 0.00	46.06 1.31 0.00	35.71 1.01 0.00	33.38 0.90 0.00	47.97 1.58 0.00	52.56 2.22 0.00	46.56 1.84 0.00	36.27 1.49 0.00	33.26 1.32 0.00	32.53 1.46 0.00	36.81 1.82 0.00	38.57 1.92 0.00	32.42 1.38 0.00	37.11 1.66 0.00	125.58 5.81 0.00	39.50 1.83 0.00	34.00 1.55 0.00
INDIAN POINT_GT_2 23659	45.82 1.63 0.00	41.33 1.40 0.00	46.06 1.31 0.00	35.71 1.01 0.00	33.38 0.90 0.00	47.97 1.58 0.00	52.56 2.22 0.00	46.56 1.84 0.00	36.27 1.49 0.00	33.26 1.32 0.00	32.53 1.46 0.00	36.81 1.82 0.00	38.57 1.92 0.00	32.42 1.38 0.00	37.11 1.66 0.00	125.58 5.81 0.00	39.50 1.83 0.00	34.00 1.55 0.00
INDIAN POINT_GT_3 24019	45.82 1.63 0.00	41.33 1.40 0.00	46.06 1.31 0.00	35.71 1.01 0.00	33.38 0.90 0.00	47.97 1.58 0.00	52.56 2.22 0.00	46.56 1.84 0.00	36.27 1.49 0.00	33.26 1.32 0.00	32.53 1.46 0.00	36.81 1.82 0.00	38.57 1.92 0.00	32.42 1.38 0.00	37.11 1.66 0.00	125.58 5.81 0.00	39.50 1.83 0.00	34.00 1.55 0.00
INDIAN POINT___2 23530	45.81 1.63 0.00	41.32 1.38 0.00	46.05 1.30 0.00	35.70 1.00 0.00	33.37 0.88 0.00	47.96 1.57 0.00	52.54 2.21 0.00	46.55 1.83 0.00	36.25 1.47 0.00	33.24 1.31 0.00	32.52 1.45 0.00	36.81 1.82 0.00	38.56 1.92 0.00	32.42 1.38 0.00	37.10 1.65 0.00	125.57 5.80 0.00	39.50 1.84 0.00	33.97 1.52 0.00
INDIAN POINT___3 23531	45.81 1.63 0.00	41.32 1.39 0.00	46.05 1.30 0.00	35.70 1.01 0.00	33.37 0.89 0.00	47.96 1.57 0.00	52.54 2.21 0.00	46.55 1.83 0.00	36.26 1.47 0.00	33.25 1.31 0.00	32.52 1.45 0.00	36.81 1.82 0.00	38.56 1.91 0.00	32.42 1.38 0.00	37.09 1.65 0.00	125.55 5.78 0.00	39.48 1.81 0.00	33.97 1.52 0.00
INGHAM_C_115KV_TB7 356103	46.00 1.82 0.00	41.75 1.81 0.00	46.58 1.82 0.00	36.06 1.36 0.00	33.79 1.30 0.00	48.76 2.37 0.00	53.31 2.98 0.00	46.81 2.09 0.00	34.93 0.14 0.00	31.23 -0.71 0.00	30.10 -0.97 0.00	34.50 -0.49 0.00	36.45 -0.20 0.00	30.33 -0.72 0.00	34.70 -0.74 0.00	117.98 -1.79 0.00	38.31 0.64 0.00	33.28 0.82 0.00
IP CORINTH___1 23988	46.40 2.22 0.00	41.98 2.05 0.00	47.10 2.35 0.00	36.52 1.82 0.00	34.04 1.55 0.00	49.03 2.64 0.00	53.29 2.96 0.00	47.13 2.41 0.00	36.43 1.64 0.00	33.20 1.26 0.00	31.96 0.89 0.00	35.83 0.84 0.00	37.53 0.89 0.00	31.76 0.71 0.00	36.47 1.02 0.00	124.57 4.80 0.00	39.27 1.60 0.00	34.10 1.64 0.00
IP___TICONDEROGA 23804	47.67 3.48 0.00	43.19 3.26 0.00	48.50 3.75 0.00	37.77 3.07 0.00	35.33 2.85 0.00	51.40 5.01 0.00	56.05 5.71 0.00	49.46 4.74 0.00	38.02 3.23 0.00	34.50 2.56 0.00	32.89 1.82 0.00	36.41 1.42 0.00	37.98 1.33 0.00	32.16 1.12 0.00	37.33 1.88 0.00	129.04 9.27 0.00	40.50 2.84 0.00	35.70 3.24 0.00

ISLIP_RES_REC 323679	47.90 2.90 -0.83	42.47 2.53 0.00	47.24 2.48 0.00	36.68 1.98 0.00	34.37 1.89 0.00	49.19 2.80 0.00	53.34 3.01 0.00	46.93 2.21 0.00	37.03 2.24 0.00	33.69 1.75 0.00	35.35 1.73 -2.55	40.66 1.95 -3.73	40.07 2.20 -1.22	32.71 1.67 0.00	37.17 1.72 0.00	124.54 4.77 0.00	39.76 2.10 0.00	34.33 1.86 0.00
JAMAICA__27_KV_LOAD 355505	46.10 1.93 0.01	41.58 1.65 0.00	46.30 1.55 0.00	35.89 1.20 0.01	33.55 1.07 0.01	48.25 1.86 0.00	52.95 2.62 0.00	46.93 2.21 0.00	36.57 1.79 0.00	33.55 1.61 0.00	32.77 1.70 0.01	37.10 2.12 0.01	38.91 2.27 0.01	32.66 1.62 0.00	37.39 1.94 0.01	126.64 6.87 0.00	39.82 2.17 0.01	34.33 1.88 0.00
JANIS__SOLAR 323808	45.18 1.00 0.00	40.88 0.95 0.00	45.81 1.06 0.00	35.42 0.73 0.00	33.27 0.79 0.00	47.77 1.38 0.00	52.09 1.76 0.00	46.29 1.57 0.00	35.80 1.01 0.00	32.71 0.77 0.00	31.74 0.66 0.00	35.87 0.88 0.00	37.44 0.79 0.00	31.76 0.71 0.00	36.21 0.76 0.00	122.79 3.02 0.00	38.67 1.01 0.00	33.36 0.91 0.00
JARVIS____ 23743	44.25 0.07 0.00	40.02 0.08 0.00	44.82 0.07 0.00	34.76 0.07 0.00	32.52 0.03 0.00	46.48 0.09 0.00	50.45 0.12 0.00	44.80 0.07 0.00	34.83 0.03 0.00	31.95 0.02 0.00	31.07 0.00 0.00	35.02 0.03 0.00	36.68 0.03 0.00	31.04 -0.01 0.00	35.47 0.02 0.00	119.97 0.20 0.00	37.74 0.07 0.00	32.48 0.03 0.00
JENNISON__1 23625	45.37 1.19 0.00	41.06 1.12 0.00	45.98 1.23 0.00	35.58 0.88 0.00	33.38 0.90 0.00	48.09 1.70 0.00	54.53 2.18 -2.01	46.56 1.85 0.00	44.00 1.27 -7.94	33.03 1.09 0.00	32.11 1.04 0.00	36.38 1.39 0.00	37.96 1.31 0.00	32.07 1.03 0.00	36.54 1.09 0.00	161.33 3.44 -38.11	42.70 0.98 -4.06	33.33 0.88 0.00
JENNISON__2 23626	45.37 1.19 0.00	41.06 1.12 0.00	45.98 1.23 0.00	35.58 0.88 0.00	33.38 0.90 0.00	48.09 1.70 0.00	54.53 2.18 -2.01	46.56 1.85 0.00	44.00 1.27 -7.94	33.03 1.09 0.00	32.11 1.04 0.00	36.38 1.39 0.00	37.96 1.31 0.00	32.07 1.03 0.00	36.54 1.09 0.00	161.33 3.44 -38.11	42.70 0.98 -4.06	33.33 0.88 0.00
JERICHO_RISE_WT_PWR 323719	44.11 -0.07 0.00	39.77 -0.17 0.00	44.72 -0.03 0.00	34.64 -0.06 0.00	32.50 0.01 0.00	46.49 0.10 0.00	50.42 0.09 0.00	45.04 0.32 0.00	35.04 0.25 0.00	32.21 0.27 0.00	31.22 0.15 0.00	35.10 0.11 0.00	36.78 0.13 0.00	31.22 0.17 0.00	35.66 0.22 0.00	120.25 0.48 0.00	37.90 0.24 0.00	32.71 0.26 0.00
KATONAH__115KV_46KV_TB4 355592	45.94 1.76 0.00	41.46 1.52 0.00	46.21 1.46 0.00	35.83 1.13 0.00	33.50 1.02 0.00	48.15 1.76 0.00	52.75 2.41 0.00	46.74 2.02 0.00	36.40 1.61 0.00	33.39 1.45 0.00	32.65 1.58 0.00	36.92 1.93 0.00	38.70 2.05 0.00	32.53 1.49 0.00	37.21 1.76 0.00	125.94 6.17 0.00	39.61 1.95 0.00	34.10 1.65 0.00
KCE_NY_1 323755	46.22 2.04 0.00	41.81 1.87 0.00	46.77 2.02 0.00	36.27 1.58 0.00	33.93 1.44 0.00	48.73 2.34 0.00	52.94 2.61 0.00	46.90 2.18 0.00	36.26 1.47 0.00	33.13 1.18 0.00	32.01 0.94 0.00	36.00 1.01 0.00	37.71 1.06 0.00	31.87 0.83 0.00	36.54 1.10 0.00	124.42 4.65 0.00	39.22 1.55 0.00	33.87 1.42 0.00
KCE_NY_6_ESR 323823	41.87 -2.31 0.00	37.78 -2.16 0.00	42.77 -1.98 0.00	33.00 -1.70 0.00	31.10 -1.39 0.00	43.78 -2.61 0.00	42.11 -3.35 4.88	42.09 -2.63 0.00	13.68 -1.86 19.25	30.35 -1.59 0.00	29.81 -1.27 0.00	33.48 -1.51 0.00	35.16 -1.49 0.00	30.22 -0.82 0.00	34.07 -1.38 0.00	20.53 -6.81 92.43	25.04 -2.80 9.83	29.95 -2.52 0.00
KEDC_PORT_JEFF_GT2 24210	47.74 2.74 -0.82	42.32 2.38 0.00	47.08 2.33 0.00	36.56 1.86 0.00	34.25 1.77 0.00	48.99 2.61 0.00	53.12 2.78 0.00	46.75 2.03 0.00	36.90 2.11 0.00	33.58 1.64 0.00	33.76 1.63 -1.05	38.37 1.85 -1.54	39.23 2.08 -0.50	32.61 1.57 0.00	37.04 1.59 0.00	124.07 4.30 0.00	39.61 1.95 0.00	34.22 1.77 0.00
KEDC_PORT_JEFF_GT3 24211	47.74 2.74 -0.82	42.32 2.38 0.00	47.08 2.33 0.00	36.56 1.86 0.00	34.25 1.77 0.00	48.99 2.61 0.00	53.12 2.78 0.00	46.75 2.03 0.00	36.90 2.11 0.00	33.58 1.64 0.00	33.76 1.63 -1.05	38.37 1.85 -1.54	39.23 2.08 -0.50	32.61 1.57 0.00	37.04 1.59 0.00	124.07 4.30 0.00	39.61 1.95 0.00	34.22 1.77 0.00
KEDC_GLWD_GT4 24219	47.90 2.41 -1.31	42.03 2.09 0.00	46.79 2.04 0.00	36.28 1.58 0.00	33.95 1.46 0.00	48.71 2.32 0.00	53.14 2.81 0.00	46.97 2.25 0.00	36.82 2.03 0.00	33.75 1.81 0.00	33.04 1.96 0.00	37.36 2.37 0.00	39.20 2.55 0.00	32.95 1.90 0.00	37.55 2.11 0.00	126.43 6.65 0.00	39.88 2.22 0.00	34.33 1.87 0.00
KEDC_GLWD_GTS 24220	47.90 2.41 -1.31	42.03 2.09 0.00	46.79 2.04 0.00	36.28 1.58 0.00	33.95 1.46 0.00	48.71 2.32 0.00	53.14 2.81 0.00	46.97 2.25 0.00	36.82 2.03 0.00	33.75 1.81 0.00	33.04 1.96 0.00	37.36 2.37 0.00	39.20 2.55 0.00	32.95 1.90 0.00	37.55 2.11 0.00	126.43 6.65 0.00	39.88 2.22 0.00	34.33 1.87 0.00
KENSICO____ 23655	45.93 1.75 0.00	41.44 1.50 0.00	46.16 1.41 0.00	35.80 1.10 0.00	33.47 0.98 0.00	48.09 1.70 0.00	52.68 2.35 0.00	46.68 1.96 0.00	36.40 1.61 0.00	33.37 1.43 0.00	32.63 1.56 0.00	36.92 1.93 0.00	38.70 2.05 0.00	32.52 1.47 0.00	37.21 1.76 0.00	125.91 6.14 0.00	39.61 1.95 0.00	34.10 1.65 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	45.99 1.81 0.00	41.52 1.59 0.00	46.30 1.55 0.00	35.91 1.21 0.00	33.59 1.11 0.00	48.30 1.91 0.00	53.51 2.60 -0.58	46.82 2.10 0.00	38.40 1.33 -2.28	33.07 1.13 0.00	32.22 1.15 0.00	36.66 1.67 0.00	38.38 1.73 0.00	32.36 1.32 0.00	37.26 1.81 0.00	136.93 6.24 -10.93	40.82 2.00 -1.16	34.17 1.71 0.00
KIAC_JFK_GT1 23816	45.86 1.69 0.01	41.36 1.43 0.00	46.05 1.30 0.00	35.70 1.00 0.01	33.37 0.89 0.01	48.00 1.62 0.00	52.61 2.28 0.00	46.50 1.78 0.00	36.25 1.46 0.00	33.26 1.32 0.00	32.48 1.42 0.01	36.78 1.79 0.01	38.58 1.94 0.01	32.37 1.33 0.00	37.07 1.63 0.01	125.56 5.79 0.00	39.49 1.83 0.01	34.00 1.55 0.00
KIAC_JFK_GT2 23817	45.86 1.69 0.01	41.36 1.43 0.00	46.05 1.30 0.00	35.70 1.00 0.01	33.37 0.89 0.01	48.00 1.62 0.00	52.61 2.28 0.00	46.50 1.78 0.00	36.25 1.46 0.00	33.26 1.32 0.00	32.48 1.42 0.01	36.78 1.79 0.01	38.58 1.94 0.01	32.37 1.33 0.00	37.07 1.63 0.01	125.56 5.79 0.00	39.49 1.83 0.01	34.00 1.55 0.00
KIAC_JFK____ 323774	45.86 1.69 0.01	41.36 1.43 0.00	46.05 1.30 0.00	35.70 1.00 0.01	33.37 0.89 0.01	48.00 1.62 0.00	52.61 2.27 0.00	46.49 1.77 0.00	36.25 1.46 0.00	33.26 1.32 0.00	32.48 1.42 0.01	36.78 1.79 0.01	38.58 1.93 0.01	32.37 1.33 0.00	37.06 1.62 0.01	125.57 5.80 0.00	39.50 1.84 0.01	34.00 1.55 0.00
KINTIGH_24_KV_GSU 356498	41.75 -2.43 0.00	37.62 -2.32 0.00	42.52 -2.23 0.00	32.89 -1.81 0.00	30.96 -1.53 0.00	43.52 -2.86 0.00	42.98 -3.62 3.73	41.81 -2.91 0.00	18.01 -2.08 14.71	30.15 -1.79 0.00	29.53 -1.55 0.00	33.16 -1.84 0.00	34.78 -1.87 0.00	29.88 -1.16 0.00	33.76 -1.69 0.00	41.84 -7.35 70.58	27.27 -2.88 7.51	29.90 -2.56 0.00
KINTIGH____ 23543	41.72 -2.46 0.00	37.60 -2.34 0.00	42.51 -2.24 0.00	32.87 -1.83 0.00	30.94 -1.55 0.00	43.50 -2.88 0.00	42.98 -3.63 3.73	41.79 -2.93 0.00	17.99 -2.09 14.71	30.13 -1.80 0.00	29.50 -1.57 0.00	33.14 -1.85 0.00	34.77 -1.88 0.00	29.86 -1.18 0.00	33.74 -1.71 0.00	41.73 -7.46 70.58	27.31 -2.84 7.51	29.87 -2.58 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	44.57 0.39 0.00	40.19 0.25 0.00	45.17 0.41 0.00	34.96 0.27 0.00	32.84 0.36 0.00	47.06 0.67 0.00	51.09 0.76 0.00	45.68 0.96 0.00	35.49 0.70 0.00	32.60 0.66 0.00	31.46 0.39 0.00	35.35 0.36 0.00	37.01 0.36 0.00	31.42 0.38 0.00	36.05 0.60 0.00	121.29 1.52 0.00	38.39 0.73 0.00	33.18 0.73 0.00
LACHUTE__HYDRO 323717	47.67 3.49 0.00	43.19 3.26 0.00	48.51 3.75 0.00	37.77 3.07 0.00	35.33 2.85 0.00	51.40 5.01 0.00	56.04 5.71 0.00	49.46 4.74 0.00	38.02 3.23 0.00	34.50 2.56 0.00	32.89 1.82 0.00	36.41 1.42 0.00	37.98 1.33 0.00	32.16 1.12 0.00	37.32 1.88 0.00	129.04 9.27 0.00	40.51 2.84 0.00	35.70 3.24 0.00
LAWRNCAV_115KV_TB1 80681	42.91 -1.27 0.00	38.75 -1.18 0.00	43.64 -1.11 0.00	33.86 -0.84 0.00	31.75 -0.74 0.00	45.37 -1.01 0.00	49.31 -1.02 0.00	44.06 -0.66 0.00	34.25 -0.54 0.00	31.48 -0.46 0.00	30.48 -0.59 0.00	34.25 -0.74 0.00	35.92 -0.73 0.00	30.57 -0.48 0.00	34.91 -0.54 0.00	117.52 -2.25 0.00	37.09 -0.57 0.00	32.03 -0.42 0.00
LEDERLE____ 23769	46.02 1.84 0.00	41.50 1.57 0.00	46.25 1.50 0.00	35.86 1.16 0.00	33.51 1.03 0.00	48.16 1.77 0.00	53.32 2.45 -0.53	46.78 2.06 0.00	38.52 1.65 -2.09	33.40 1.46 0.00	32.68 1.61 0.00	37.04 2.05 0.00	38.78 2.13 0.00	32.65 1.60 0.00	37.35 1.91 0.00	136.46 6.68 -10.01	40.83 2.10 -1.06	34.20 1.75 0.00
LIGHTHSE_115KV_TB6 355974	42.25 -1.93 0.00	38.39 -1.54 0.00	43.48 -1.27 0.00	33.88 -0.82 0.00	31.74 -0.75 0.00	45.10 -1.29 0.00	49.40 -0.93 0.00	44.23 -0.49 0.00	34.50 -0.29 0.00	31.65 -0.29 0.00	30.75 -0.32 0.00	34.78 -0.21 0.00	36.30 -0.35 0.00	31.08 0.04 0.00	35.21 -0.24 0.00	120.02 0.25 0.00	37.70 0.03 0.00	32.55 0.10 0.00
LINDEN COGEN____ 23786	46.03 1.85 0.00	41.50 1.57 0.00	46.22 1.47 0.00	35.83 1.13 0.00	33.49 1.01 0.00	48.14 1.75 0.00	52.79 2.46 0.00	46.82 2.10 0.00	36.51 1.72 0.00	33.49 1.56 0.00	32.74 1.67 0.00	37.08 2.09 0.00	38.88 2.23 0.00	32.61 1.57 0.00	37.36 1.91 0.00	126.48 6.71 0.00	39.82 2.15 0.00	34.26 1.81 0.00
LINDHRST_69_KV_BK1 356055	48.10 2.98 -0.94	42.50 2.56 0.00	47.28 2.53 0.00	36.68 1.98 0.00	34.35 1.87 0.00	49.21 2.82 0.00	53.48 3.15 0.00	47.15 2.43 0.00	37.08 2.29 0.00	33.85 1.91 0.00	33.08 2.01 0.00	37.35 2.36 0.00	39.27 2.62 0.00	33.00 1.95 0.00	37.54 2.09 0.00	126.07 6.30 0.00	39.92 2.26 0.00	34.39 1.94 0.00
LIPA_MISC_IPP 23656	47.62 2.62 -0.82	42.22 2.29 0.00	46.98 2.23 0.00	36.48 1.78 0.00	34.19 1.71 0.00	48.91 2.52 0.00	52.95 2.61 0.00	46.59 1.87 0.00	36.78 1.99 0.00	33.39 1.45 0.00	25.73 1.35 6.70	26.76 1.54 9.76	35.20 1.75 3.20	32.39 1.35 0.00	36.82 1.37 0.00	123.23 3.46 0.00	39.43 1.77 0.00	34.15 1.70 0.00
LISF__SOLAR 323691	47.70 2.70 -0.82	42.29 2.35 0.00	47.05 2.30 0.00	36.53 1.84 0.00	34.24 1.75 0.00	48.99 2.60 0.00	53.04 2.71 0.00	46.64 1.92 0.00	36.82 2.03 0.00	33.40 1.46 0.00	22.20 1.34 10.21	21.62 1.52 14.89	33.51 1.73 4.87	32.37 1.33 0.00	36.79 1.34 0.00	123.14 3.37 0.00	39.47 1.81 0.00	34.19 1.73 0.00

LITTLE FALLS___HYD 24013	46.00 1.82 0.00	41.75 1.81 0.00	46.58 1.82 0.00	36.06 1.36 0.00	33.79 1.30 0.00	48.76 2.37 0.00	53.31 2.98 0.00	46.81 2.09 0.00	34.93 0.14 0.00	31.23 -0.71 0.00	30.10 -0.97 0.00	34.50 -0.49 0.00	36.45 -0.20 0.00	30.33 -0.72 0.00	34.70 -0.74 0.00	117.98 -1.79 0.00	38.31 0.64 0.00	33.28 0.82 0.00
LITTLRIV_115KV_TB1 356100	43.35 -0.84 0.00	39.14 -0.79 0.00	44.08 -0.67 0.00	34.21 -0.49 0.00	32.10 -0.38 0.00	45.91 -0.48 0.00	49.86 -0.48 0.00	44.51 -0.21 0.00	34.58 -0.21 0.00	31.78 -0.16 0.00	30.74 -0.33 0.00	34.47 -0.52 0.00	36.08 -0.57 0.00	30.79 -0.26 0.00	35.19 -0.26 0.00	118.19 -1.58 0.00	37.38 -0.29 0.00	32.32 -0.13 0.00
LI_NEWBRDGE___DRP 323616	47.28 2.33 -0.77	41.94 2.01 0.00	46.69 1.93 0.00	36.21 1.51 0.00	33.90 1.41 0.00	48.55 2.17 0.00	52.77 2.44 0.00	46.52 1.80 0.00	36.61 1.82 0.00	33.53 1.60 0.00	32.84 1.76 0.00	37.11 2.12 0.00	38.95 2.30 0.00	32.76 1.72 0.00	37.25 1.80 0.00	124.77 5.00 0.00	39.49 1.82 0.00	34.00 1.55 0.00
LOCKPORT_115KV_TB60_63_64 80432	41.43 -2.76 0.00	37.41 -2.52 0.00	42.36 -2.40 0.00	32.76 -1.94 0.00	30.87 -1.62 0.00	43.28 -3.11 0.00	42.26 -3.99 4.08	41.43 -3.29 0.00	16.38 -2.30 16.10	29.93 -2.01 0.00	29.34 -1.73 0.00	32.92 -2.07 0.00	34.55 -2.09 0.00	29.80 -1.25 0.00	33.62 -1.83 0.00	34.58 -7.84 77.36	26.27 -3.17 8.22	29.61 -2.84 0.00
LOCKPORT___CC1 323769	41.41 -2.78 0.00	37.39 -2.55 0.00	42.32 -2.43 0.00	32.74 -1.96 0.00	30.85 -1.64 0.00	43.25 -3.14 0.00	42.11 -4.07 4.15	41.43 -3.29 0.00	16.09 -2.32 16.37	29.92 -2.02 0.00	29.33 -1.75 0.00	32.90 -2.09 0.00	34.54 -2.11 0.00	29.77 -1.27 0.00	33.60 -1.85 0.00	33.14 -7.99 78.64	26.04 -3.26 8.36	29.58 -2.87 0.00
LOCKPORT___CC2 323770	41.41 -2.78 0.00	37.39 -2.55 0.00	42.32 -2.43 0.00	32.74 -1.96 0.00	30.85 -1.64 0.00	43.25 -3.14 0.00	42.11 -4.07 4.15	41.43 -3.29 0.00	16.09 -2.32 16.37	29.92 -2.02 0.00	29.33 -1.75 0.00	32.90 -2.09 0.00	34.54 -2.11 0.00	29.77 -1.27 0.00	33.60 -1.85 0.00	33.14 -7.99 78.64	26.04 -3.26 8.36	29.58 -2.87 0.00
LOCKPORT___CC3 323771	41.41 -2.78 0.00	37.39 -2.55 0.00	42.32 -2.43 0.00	32.74 -1.96 0.00	30.85 -1.64 0.00	43.25 -3.14 0.00	42.11 -4.07 4.15	41.43 -3.29 0.00	16.09 -2.32 16.37	29.92 -2.02 0.00	29.33 -1.75 0.00	32.90 -2.09 0.00	34.54 -2.11 0.00	29.77 -1.27 0.00	33.60 -1.85 0.00	33.14 -7.99 78.64	26.04 -3.26 8.36	29.58 -2.87 0.00
LOCUSVLY_69_KV_BK2 55797	47.92 2.55 -1.18	42.14 2.20 0.00	46.90 2.15 0.00	36.37 1.67 0.00	34.04 1.55 0.00	48.78 2.39 0.00	53.16 2.83 0.00	46.95 2.23 0.00	36.87 2.08 0.00	33.78 1.84 0.00	33.10 2.03 0.00	37.43 2.44 0.00	39.27 2.62 0.00	33.02 1.98 0.00	37.59 2.14 0.00	126.25 6.48 0.00	39.88 2.22 0.00	34.30 1.84 0.00
LONG_LAKE_PHOENIX 24014	42.83 -1.36 0.00	38.71 -1.22 0.00	43.40 -1.35 0.00	33.65 -1.05 0.00	31.50 -0.99 0.00	44.81 -1.59 0.00	48.52 -1.81 0.00	43.17 -1.55 0.00	33.61 -1.18 0.00	30.85 -1.09 0.00	30.06 -1.01 0.00	33.83 -1.16 0.00	35.43 -1.22 0.00	30.10 -0.95 0.00	34.28 -1.16 0.00	115.82 -3.95 0.00	36.43 -1.23 0.00	31.38 -1.07 0.00
LOVETT___3 23632	45.78 1.60 0.00	41.29 1.36 0.00	46.03 1.27 0.00	35.69 0.99 0.00	33.35 0.86 0.00	47.92 1.53 0.00	52.49 2.16 0.00	46.52 1.80 0.00	36.23 1.44 0.00	33.21 1.28 0.00	32.50 1.43 0.00	36.78 1.79 0.00	38.54 1.89 0.00	32.40 1.36 0.00	37.08 1.63 0.00	125.47 5.70 0.00	39.46 1.80 0.00	33.94 1.49 0.00
LOVETT___4 23642	45.78 1.60 0.00	41.29 1.36 0.00	46.03 1.27 0.00	35.69 0.99 0.00	33.35 0.86 0.00	47.92 1.53 0.00	52.49 2.16 0.00	46.52 1.80 0.00	36.23 1.44 0.00	33.21 1.28 0.00	32.50 1.43 0.00	36.78 1.79 0.00	38.54 1.89 0.00	32.40 1.36 0.00	37.08 1.63 0.00	125.47 5.70 0.00	39.46 1.80 0.00	33.94 1.49 0.00
LOVETT___5 23593	45.78 1.60 0.00	41.29 1.36 0.00	46.03 1.27 0.00	35.69 0.99 0.00	33.35 0.86 0.00	47.92 1.53 0.00	52.49 2.16 0.00	46.52 1.80 0.00	36.23 1.44 0.00	33.21 1.28 0.00	32.50 1.43 0.00	36.78 1.79 0.00	38.54 1.89 0.00	32.40 1.36 0.00	37.08 1.63 0.00	125.47 5.70 0.00	39.46 1.80 0.00	33.94 1.49 0.00
LOWER RAQUET___HYD 24057	42.58 -1.60 0.00	38.47 -1.47 0.00	43.33 -1.42 0.00	33.63 -1.07 0.00	31.53 -0.95 0.00	45.08 -1.31 0.00	49.01 -1.32 0.00	43.80 -0.92 0.00	34.05 -0.74 0.00	31.30 -0.64 0.00	30.29 -0.79 0.00	34.04 -0.95 0.00	35.70 -0.95 0.00	30.39 -0.66 0.00	34.70 -0.75 0.00	116.87 -2.90 0.00	36.89 -0.77 0.00	31.84 -0.62 0.00
LOWER___HUDSON 24059	45.77 1.59 0.00	41.45 1.52 0.00	46.35 1.60 0.00	35.94 1.25 0.00	33.64 1.16 0.00	48.27 1.88 0.00	52.35 2.02 0.00	46.34 1.62 0.00	35.94 1.15 0.00	32.96 1.03 0.00	31.93 0.86 0.00	35.91 0.92 0.00	37.55 0.90 0.00	31.70 0.65 0.00	36.31 0.86 0.00	123.50 3.74 0.00	38.88 1.21 0.00	33.49 1.03 0.00
LOWVILLE_115KV_TB2 356335	42.86 -1.32 0.00	39.01 -0.93 0.00	44.19 -0.56 0.00	34.42 -0.27 0.00	32.26 -0.22 0.00	46.09 -0.30 0.00	50.62 0.29 0.00	45.30 0.58 0.00	35.29 0.50 0.00	32.38 0.44 0.00	31.18 0.11 0.00	35.31 0.32 0.00	36.85 0.20 0.00	31.34 0.29 0.00	35.89 0.44 0.00	122.44 2.67 0.00	38.58 0.92 0.00	33.33 0.88 0.00

LUTHERFT_115KV_GLOB_FND_222 355753	46.16 1.98 0.00	41.76 1.83 0.00	46.75 2.00 0.00	36.25 1.56 0.00	33.90 1.42 0.00	48.68 2.29 0.00	52.89 2.56 0.00	46.80 2.08 0.00	36.23 1.44 0.00	33.10 1.16 0.00	31.99 0.92 0.00	35.97 0.98 0.00	37.68 1.03 0.00	31.85 0.80 0.00	36.51 1.07 0.00	124.28 4.51 0.00	39.17 1.51 0.00	33.85 1.39 0.00
LUTHERNY_35_KV_BK2 355980	46.22 2.04 0.00	41.81 1.87 0.00	46.77 2.02 0.00	36.27 1.57 0.00	33.93 1.44 0.00	48.73 2.34 0.00	52.94 2.61 0.00	46.90 2.18 0.00	36.27 1.48 0.00	33.12 1.18 0.00	32.01 0.94 0.00	36.00 1.01 0.00	37.71 1.06 0.00	31.87 0.83 0.00	36.55 1.10 0.00	124.42 4.65 0.00	39.22 1.56 0.00	33.87 1.42 0.00
LWR__OSWEGATCHIE_HYD 23850	42.26 -1.93 0.00	38.32 -1.62 0.00	43.31 -1.45 0.00	33.69 -1.01 0.00	31.58 -0.91 0.00	45.12 -1.27 0.00	49.35 -0.99 0.00	44.15 -0.57 0.00	34.37 -0.42 0.00	31.55 -0.39 0.00	30.48 -0.59 0.00	34.37 -0.62 0.00	35.95 -0.70 0.00	30.64 -0.41 0.00	34.96 -0.48 0.00	118.61 -1.16 0.00	37.42 -0.24 0.00	32.26 -0.20 0.00
LYONS_FALL_HYD 23570	43.66 -0.53 0.00	39.64 -0.29 0.00	44.74 -0.01 0.00	34.79 0.10 0.00	32.62 0.13 0.00	46.62 0.23 0.00	51.03 0.70 0.00	45.57 0.85 0.00	35.47 0.68 0.00	32.53 0.59 0.00	31.33 0.26 0.00	35.47 0.48 0.00	37.07 0.43 0.00	31.51 0.47 0.00	36.12 0.67 0.00	122.93 3.16 0.00	38.71 1.05 0.00	33.40 0.94 0.00
MADISON__COUNTY_LFGE 323628	44.87 0.69 0.00	40.60 0.67 0.00	45.56 0.81 0.00	35.31 0.61 0.00	33.10 0.62 0.00	47.31 0.92 0.00	51.48 1.15 0.00	45.80 1.08 0.00	35.58 0.79 0.00	32.60 0.66 0.00	31.45 0.38 0.00	35.58 0.59 0.00	37.25 0.60 0.00	31.71 0.67 0.00	36.33 0.88 0.00	123.08 3.31 0.00	38.70 1.03 0.00	33.33 0.88 0.00
MALONE__115KV_TB1 356076	43.95 -0.23 0.00	39.62 -0.32 0.00	44.57 -0.18 0.00	34.54 -0.16 0.00	32.41 -0.08 0.00	46.39 0.01 0.00	50.38 0.05 0.00	45.09 0.37 0.00	35.04 0.25 0.00	32.22 0.28 0.00	31.21 0.14 0.00	35.05 0.06 0.00	36.70 0.05 0.00	31.16 0.12 0.00	35.63 0.18 0.00	120.22 0.45 0.00	37.94 0.28 0.00	32.75 0.30 0.00
MAPLEWOD_115KV_TB3 80458	45.64 1.45 0.00	41.42 1.49 0.00	46.30 1.55 0.00	35.93 1.23 0.00	33.59 1.11 0.00	48.08 1.69 0.00	52.15 1.82 0.00	46.17 1.45 0.00	35.85 1.06 0.00	32.87 0.93 0.00	31.89 0.82 0.00	35.93 0.94 0.00	37.62 0.97 0.00	31.73 0.68 0.00	36.32 0.88 0.00	123.42 3.65 0.00	38.87 1.21 0.00	33.43 0.98 0.00
MAPLE_RIDGE_WT_1 323574	43.42 -0.76 0.00	39.38 -0.56 0.00	44.28 -0.47 0.00	34.38 -0.32 0.00	32.15 -0.33 0.00	45.87 -0.52 0.00	49.92 -0.41 0.00	44.39 -0.33 0.00	34.67 -0.12 0.00	31.85 -0.09 0.00	31.01 -0.05 0.00	34.94 -0.06 0.00	36.52 -0.13 0.00	30.88 -0.16 0.00	35.38 -0.06 0.00	119.44 -0.33 0.00	37.61 -0.05 0.00	32.42 -0.03 0.00
MAPLE_RIDGE_WT_2 323611	43.42 -0.76 0.00	39.38 -0.56 0.00	44.28 -0.47 0.00	34.38 -0.32 0.00	32.15 -0.33 0.00	45.87 -0.52 0.00	49.92 -0.41 0.00	44.39 -0.33 0.00	34.67 -0.12 0.00	31.85 -0.09 0.00	31.01 -0.05 0.00	34.94 -0.06 0.00	36.52 -0.13 0.00	30.88 -0.16 0.00	35.38 -0.06 0.00	119.44 -0.33 0.00	37.61 -0.05 0.00	32.42 -0.03 0.00
MARBLE_RIVER_WT_PWR 323696	44.15 -0.03 0.00	39.83 -0.10 0.00	44.76 0.01 0.00	34.67 -0.03 0.00	32.55 0.06 0.00	46.56 0.17 0.00	50.51 0.18 0.00	45.09 0.37 0.00	35.08 0.29 0.00	32.25 0.31 0.00	31.24 0.18 0.00	35.13 0.14 0.00	36.81 0.17 0.00	31.24 0.20 0.00	35.72 0.27 0.00	120.40 0.63 0.00	37.95 0.29 0.00	32.75 0.30 0.00
MARSHVLE_115KV_TB1 80742	45.95 1.77 0.00	41.45 1.52 0.00	46.52 1.76 0.00	36.06 1.37 0.00	33.77 1.29 0.00	48.39 2.00 0.00	53.33 2.41 -0.59	46.78 2.06 0.00	38.22 1.10 -2.33	32.41 0.47 0.00	31.46 0.39 0.00	35.71 0.72 0.00	37.37 0.72 0.00	31.88 0.83 0.00	36.34 0.89 0.00	134.41 3.47 -11.17	40.15 1.30 -1.19	33.74 1.29 0.00
MARSH_HILL_WT_PWR 323713	42.47 -1.72 0.00	38.42 -1.51 0.00	43.45 -1.30 0.00	33.41 -1.29 0.00	31.53 -0.96 0.00	44.94 -1.45 0.00	41.38 -1.76 7.19	43.38 -1.34 0.00	5.21 -1.21 28.38	30.82 -1.12 0.00	30.40 -0.67 0.00	34.13 -0.86 0.00	35.82 -0.83 0.00	30.88 -0.17 0.00	34.74 -0.71 0.00	-21.14 -4.70 136.21	21.07 -2.11 14.49	30.62 -1.83 0.00
MCINTYRE_115KV_TB2 80467	44.14 -0.04 0.00	39.85 -0.09 0.00	44.86 0.11 0.00	34.80 0.10 0.00	32.67 0.18 0.00	46.70 0.31 0.00	50.67 0.34 0.00	45.18 0.46 0.00	35.09 0.30 0.00	32.26 0.32 0.00	31.19 0.11 0.00	34.94 -0.05 0.00	36.51 -0.14 0.00	31.20 0.15 0.00	35.67 0.23 0.00	119.63 -0.14 0.00	37.87 0.21 0.00	32.81 0.35 0.00
MECO____69_KV_BK1 80468	46.48 2.30 0.00	41.94 2.01 0.00	47.04 2.28 0.00	36.47 1.77 0.00	34.15 1.66 0.00	48.97 2.59 0.00	53.40 3.07 0.00	47.25 2.53 0.00	35.97 1.18 0.00	32.14 0.20 0.00	31.11 0.03 0.00	35.56 0.57 0.00	37.35 0.70 0.00	31.72 0.67 0.00	36.07 0.62 0.00	122.93 3.16 0.00	39.12 1.45 0.00	33.96 1.51 0.00
MENANDS__115KV_TB5 355628	45.50 1.32 0.00	41.33 1.40 0.00	46.20 1.45 0.00	35.85 1.15 0.00	33.52 1.03 0.00	47.93 1.54 0.00	51.94 1.61 0.00	45.99 1.27 0.00	35.72 0.93 0.00	32.79 0.86 0.00	31.82 0.75 0.00	35.86 0.87 0.00	37.54 0.89 0.00	31.64 0.60 0.00	36.24 0.79 0.00	123.06 3.29 0.00	38.74 1.08 0.00	33.26 0.81 0.00

MG INDUSTRY___DRP 24185	45.45 1.27 0.00	41.26 1.32 0.00	46.13 1.38 0.00	35.80 1.11 0.00	33.47 0.98 0.00	47.83 1.44 0.00	51.87 1.54 0.00	45.90 1.18 0.00	35.65 0.85 0.00	32.68 0.74 0.00	31.72 0.65 0.00	35.74 0.75 0.00	37.48 0.83 0.00	31.58 0.54 0.00	36.15 0.70 0.00	122.53 2.76 0.00	38.60 0.94 0.00	33.20 0.75 0.00
MID___OSWEGATCHIE_HYD 23849	42.26 -1.93 0.00	38.32 -1.62 0.00	43.31 -1.45 0.00	33.69 -1.01 0.00	31.58 -0.91 0.00	45.12 -1.27 0.00	49.35 -0.99 0.00	44.15 -0.57 0.00	34.37 -0.42 0.00	31.55 -0.39 0.00	30.48 -0.59 0.00	34.37 -0.62 0.00	35.95 -0.70 0.00	30.64 -0.41 0.00	34.96 -0.48 0.00	118.61 -1.16 0.00	37.42 -0.24 0.00	32.26 -0.20 0.00
MID___RAQUETTE_HYD 23851	42.58 -1.60 0.00	38.47 -1.47 0.00	43.33 -1.42 0.00	33.63 -1.07 0.00	31.53 -0.95 0.00	45.08 -1.31 0.00	49.01 -1.32 0.00	43.80 -0.92 0.00	34.06 -0.73 0.00	31.30 -0.64 0.00	30.29 -0.79 0.00	34.04 -0.95 0.00	35.70 -0.95 0.00	30.39 -0.66 0.00	34.70 -0.74 0.00	116.87 -2.90 0.00	36.89 -0.77 0.00	31.84 -0.62 0.00
MILLIKEN___1 23584	44.45 0.27 0.00	40.21 0.28 0.00	45.04 0.29 0.00	34.88 0.18 0.00	32.71 0.22 0.00	46.73 0.34 0.00	49.25 0.44 1.53	45.15 0.42 0.00	29.05 0.28 6.01	32.17 0.23 0.00	31.34 0.27 0.00	35.27 0.28 0.00	36.93 0.29 0.00	31.31 0.26 0.00	35.73 0.29 0.00	91.97 1.07 28.87	34.88 0.29 3.07	32.66 0.20 0.00
MILLIKEN___2 23585	44.45 0.27 0.00	40.21 0.28 0.00	45.04 0.29 0.00	34.88 0.18 0.00	32.71 0.22 0.00	46.73 0.34 0.00	49.25 0.44 1.53	45.15 0.42 0.00	29.05 0.28 6.01	32.17 0.23 0.00	31.34 0.27 0.00	35.27 0.28 0.00	36.93 0.29 0.00	31.31 0.26 0.00	35.73 0.29 0.00	91.97 1.07 28.87	34.88 0.29 3.07	32.66 0.20 0.00
MILLIKEN___DIESEL 23629	44.45 0.27 0.00	40.21 0.28 0.00	45.04 0.29 0.00	34.88 0.18 0.00	32.71 0.22 0.00	46.73 0.34 0.00	49.25 0.44 1.53	45.15 0.42 0.00	29.05 0.28 6.01	32.17 0.23 0.00	31.34 0.27 0.00	35.27 0.28 0.00	36.93 0.29 0.00	31.31 0.26 0.00	35.73 0.29 0.00	91.97 1.07 28.87	34.88 0.29 3.07	32.66 0.20 0.00
MILLSEAT___LFGE 323607	42.39 -1.79 0.00	38.26 -1.68 0.00	43.24 -1.51 0.00	33.45 -1.25 0.00	31.51 -0.98 0.00	44.32 -2.07 0.00	43.82 -2.72 3.79	42.66 -2.06 0.00	18.46 -1.39 14.94	30.70 -1.24 0.00	30.08 -0.99 0.00	33.74 -1.25 0.00	35.45 -1.20 0.00	30.54 -0.51 0.00	34.55 -0.90 0.00	43.37 -4.63 71.77	27.93 -2.10 7.63	30.62 -1.84 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	45.85 1.67 0.00	41.36 1.43 0.00	46.11 1.36 0.00	35.75 1.05 0.00	33.41 0.93 0.00	48.01 1.63 0.00	52.60 2.27 0.00	46.61 1.89 0.00	36.32 1.53 0.00	33.30 1.36 0.00	32.57 1.50 0.00	36.85 1.86 0.00	38.61 1.96 0.00	32.45 1.41 0.00	37.14 1.69 0.00	125.67 5.90 0.00	39.53 1.87 0.00	34.03 1.58 0.00
MILLWOOD_13_KV_LOAD 356217	45.92 1.74 0.00	41.44 1.50 0.00	46.17 1.42 0.00	35.80 1.10 0.00	33.47 0.98 0.00	48.10 1.71 0.00	52.69 2.36 0.00	46.69 1.97 0.00	36.37 1.58 0.00	33.34 1.40 0.00	32.61 1.54 0.00	36.89 1.90 0.00	38.66 2.01 0.00	32.51 1.46 0.00	37.20 1.75 0.00	125.88 6.11 0.00	39.60 1.94 0.00	34.08 1.62 0.00
MODEL_CITY_ENERGY 24167	41.00 -3.19 0.00	37.07 -2.87 0.00	41.98 -2.78 0.00	32.47 -2.23 0.00	30.60 -1.89 0.00	42.86 -3.53 0.00	41.54 -4.56 4.23	40.95 -3.77 0.00	15.42 -2.68 16.69	29.60 -2.34 0.00	29.01 -2.07 0.00	32.51 -2.48 0.00	34.15 -2.50 0.00	29.44 -1.60 0.00	33.21 -2.24 0.00	30.49 -9.11 80.16	25.47 -3.67 8.52	29.22 -3.23 0.00
MODERN_LFGE___ 323580	41.00 -3.19 0.00	37.07 -2.87 0.00	41.98 -2.78 0.00	32.47 -2.23 0.00	30.60 -1.89 0.00	42.86 -3.53 0.00	41.54 -4.56 4.23	40.95 -3.77 0.00	15.42 -2.68 16.69	29.60 -2.34 0.00	29.01 -2.07 0.00	32.51 -2.48 0.00	34.15 -2.50 0.00	29.44 -1.60 0.00	33.21 -2.24 0.00	30.49 -9.11 80.16	25.47 -3.67 8.52	29.22 -3.23 0.00
MOHAWK_PAPER___DRP 24187	45.64 1.45 0.00	41.42 1.49 0.00	46.30 1.55 0.00	35.93 1.23 0.00	33.59 1.11 0.00	48.08 1.69 0.00	52.15 1.82 0.00	46.17 1.45 0.00	35.85 1.06 0.00	32.87 0.93 0.00	31.89 0.82 0.00	35.93 0.94 0.00	37.62 0.97 0.00	31.73 0.68 0.00	36.32 0.88 0.00	123.42 3.65 0.00	38.87 1.21 0.00	33.43 0.98 0.00
MOHICAN_35_KV_115KV_LD 80490	46.57 2.38 0.00	42.15 2.21 0.00	47.25 2.50 0.00	36.65 1.96 0.00	34.21 1.73 0.00	49.31 2.92 0.00	53.57 3.23 0.00	47.38 2.66 0.00	36.60 1.81 0.00	33.34 1.40 0.00	32.06 0.99 0.00	35.91 0.92 0.00	37.59 0.94 0.00	31.82 0.77 0.00	36.58 1.13 0.00	125.05 5.27 0.00	39.42 1.75 0.00	34.25 1.80 0.00
MONGAUP___HYD 23641	45.73 1.54 0.00	41.25 1.32 0.00	45.98 1.23 0.00	35.65 0.95 0.00	33.35 0.87 0.00	47.91 1.52 0.00	53.03 2.14 -0.56	46.40 1.68 0.00	38.23 1.21 -2.23	33.03 1.09 0.00	32.14 1.07 0.00	36.39 1.40 0.00	38.16 1.51 0.00	32.12 1.08 0.00	36.75 1.31 0.00	135.38 4.91 -10.70	40.32 1.52 -1.14	33.84 1.38 0.00
MONTAUK___DIESEL 23721	47.69 2.69 -0.82	42.38 2.45 0.00	47.18 2.42 0.00	36.35 1.65 0.00	34.14 1.65 0.00	49.16 2.77 0.00	53.34 3.01 0.00	46.64 1.92 0.00	36.73 1.94 0.00	33.06 1.12 0.00	24.70 0.65 7.02	25.26 0.51 10.24	34.35 1.06 3.35	32.41 1.37 0.00	37.22 1.77 0.00	125.53 5.76 0.00	40.18 2.52 0.00	35.05 2.60 0.00

MOONROAD_115KV_HARTFLD_TB1-2 355988	42.60 -1.58 0.00	38.47 -1.47 0.00	43.48 -1.27 0.00	33.51 -1.19 0.00	31.62 -0.87 0.00	44.76 -1.63 0.00	43.01 -2.10 5.22	43.16 -1.56 0.00	13.04 -1.16 20.59	31.17 -0.76 0.00	30.70 -0.37 0.00	34.50 -0.49 0.00	36.23 -0.41 0.00	30.96 -0.09 0.00	34.85 -0.59 0.00	16.10 -4.81 98.87	24.95 -2.20 10.51	30.11 -2.34 0.00
MORRIS_RIDGE___SOLAR 323848	41.95 -2.23 0.00	37.93 -2.01 0.00	42.88 -1.87 0.00	32.99 -1.71 0.00	31.13 -1.35 0.00	44.19 -2.20 0.00	41.00 -2.75 6.59	42.45 -2.27 0.00	6.92 -1.89 25.99	30.18 -1.75 0.00	29.86 -1.22 0.00	33.59 -1.40 0.00	35.25 -1.40 0.00	30.25 -0.79 0.00	34.14 -1.31 0.00	-11.69 -6.72 124.74	21.80 -2.60 13.27	30.21 -2.25 0.00
MORTIMER_115KV_TB3 55949	43.12 -1.06 0.00	38.87 -1.06 0.00	43.74 -1.01 0.00	33.86 -0.84 0.00	31.81 -0.67 0.00	45.07 -1.32 0.00	46.13 -1.63 2.57	43.50 -1.22 0.00	23.80 -0.85 10.14	31.19 -0.75 0.00	30.47 -0.60 0.00	34.28 -0.71 0.00	35.93 -0.72 0.00	30.78 -0.26 0.00	34.94 -0.51 0.00	68.35 -2.76 48.67	31.35 -1.13 5.18	31.45 -1.00 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	46.05 1.86 0.00	41.53 1.60 0.00	46.25 1.50 0.00	35.86 1.17 0.00	33.53 1.05 0.00	48.18 1.80 0.00	52.81 2.48 0.00	46.82 2.10 0.00	36.53 1.74 0.00	33.51 1.57 0.00	32.76 1.68 0.00	37.06 2.07 0.00	38.88 2.23 0.00	32.62 1.58 0.00	37.36 1.91 0.00	126.44 6.67 0.00	39.78 2.11 0.00	34.23 1.78 0.00
MUNSVILLE_WIND_PWR 323609	46.06 1.88 0.00	41.80 1.86 0.00	46.83 2.07 0.00	36.13 1.43 0.00	34.01 1.52 0.00	49.21 2.83 0.00	54.76 3.55 -0.89	47.86 3.14 0.00	40.41 2.12 -3.50	33.61 1.68 0.00	32.46 1.39 0.00	37.00 2.01 0.00	38.42 1.77 0.00	32.38 1.34 0.00	36.90 1.45 0.00	142.24 5.68 -16.79	41.40 1.95 -1.79	34.24 1.79 0.00
N SALMON___HYD 24042	43.95 -0.23 0.00	39.62 -0.32 0.00	44.57 -0.18 0.00	34.54 -0.16 0.00	32.41 -0.08 0.00	46.39 0.01 0.00	50.38 0.05 0.00	45.09 0.37 0.00	35.04 0.25 0.00	32.22 0.28 0.00	31.21 0.14 0.00	35.05 0.06 0.00	36.70 0.05 0.00	31.16 0.12 0.00	35.63 0.18 0.00	120.22 0.45 0.00	37.94 0.28 0.00	32.75 0.30 0.00
N.AKRON___115KV_KNAPP 355671	42.13 -2.06 0.00	38.03 -1.91 0.00	43.02 -1.74 0.00	33.28 -1.42 0.00	31.34 -1.14 0.00	44.03 -2.35 0.00	43.38 -3.05 3.90	42.33 -2.39 0.00	17.75 -1.63 15.40	30.51 -1.43 0.00	29.89 -1.18 0.00	33.54 -1.45 0.00	35.24 -1.41 0.00	30.35 -0.69 0.00	34.30 -1.14 0.00	40.29 -5.49 73.98	27.43 -2.37 7.87	30.33 -2.13 0.00
N.E._GEN_SANDY PD 24062	56.17 1.61 -10.38	57.64 1.50 -16.20	53.25 1.54 -6.96	50.23 1.21 -14.32	57.74 1.10 -24.16	52.63 1.86 -4.39	56.90 2.11 -4.46	46.36 1.64 0.00	35.86 1.21 0.13	33.28 1.17 -0.17	32.18 1.11 0.00	36.22 1.23 0.00	37.98 1.17 -0.16	31.47 0.83 0.39	36.11 1.04 0.38	123.61 4.31 0.48	25.58 1.34 13.42	47.33 1.11 -13.78
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	45.88 1.70 0.00	41.38 1.44 0.00	46.12 1.36 0.00	35.76 1.06 0.00	33.42 0.93 0.00	48.01 1.62 0.00	52.61 2.28 0.00	46.62 1.90 0.00	36.30 1.51 0.00	33.28 1.34 0.00	32.57 1.50 0.00	36.89 1.90 0.00	38.63 1.98 0.00	32.46 1.42 0.00	37.15 1.70 0.00	125.71 5.94 0.00	39.54 1.88 0.00	34.00 1.55 0.00
N.QUEENS_27_KV_LOAD 356247	45.98 1.80 0.00	41.44 1.51 0.00	46.18 1.43 0.00	35.80 1.10 0.00	33.45 0.97 0.00	48.11 1.73 0.00	52.81 2.48 0.00	46.75 2.03 0.00	36.58 1.79 0.00	33.52 1.58 0.00	32.74 1.67 0.00	37.04 2.05 0.00	38.89 2.24 0.00	32.71 1.67 0.00	37.36 1.92 0.00	126.56 6.79 0.00	39.75 2.09 0.00	34.26 1.81 0.00
N.TROY___115KV_TB1 355778	45.78 1.59 0.00	41.45 1.52 0.00	46.35 1.60 0.00	35.95 1.25 0.00	33.64 1.16 0.00	48.26 1.88 0.00	52.35 2.02 0.00	46.34 1.62 0.00	35.93 1.15 0.00	32.97 1.03 0.00	31.93 0.86 0.00	35.91 0.92 0.00	37.55 0.90 0.00	31.70 0.65 0.00	36.31 0.87 0.00	123.51 3.74 0.00	38.88 1.21 0.00	33.49 1.03 0.00
NARROWS_GT1_1 24228	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.00 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.07 2.36 0.00	36.73 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.56 2.12 0.00	127.16 7.38 0.00	39.97 2.31 0.00	34.42 1.97 0.00
NARROWS_GT1_2 24229	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.00 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.07 2.36 0.00	36.73 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.56 2.12 0.00	127.16 7.38 0.00	39.97 2.31 0.00	34.42 1.97 0.00
NARROWS_GT1_3 24230	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.00 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.07 2.36 0.00	36.73 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.56 2.12 0.00	127.16 7.38 0.00	39.97 2.31 0.00	34.42 1.97 0.00
NARROWS_GT1_4 24231	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.00 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.07 2.36 0.00	36.73 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.56 2.12 0.00	127.16 7.38 0.00	39.97 2.31 0.00	34.42 1.97 0.00

NARROWS_GT1_5 24232	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.00 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.07 2.36 0.00	36.73 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.56 2.12 0.00	127.16 7.38 0.00	39.97 2.31 0.00	34.42 1.97 0.00
NARROWS_GT1_6 24233	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.00 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.07 2.36 0.00	36.73 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.56 2.12 0.00	127.16 7.38 0.00	39.97 2.31 0.00	34.42 1.97 0.00
NARROWS_GT1_7 24234	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.00 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.07 2.36 0.00	36.73 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.56 2.12 0.00	127.16 7.38 0.00	39.97 2.31 0.00	34.42 1.97 0.00
NARROWS_GT1_8 24235	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.00 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.07 2.36 0.00	36.73 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.56 2.12 0.00	127.16 7.38 0.00	39.97 2.31 0.00	34.42 1.97 0.00
NARROWS_GT2_1 24236	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.00 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.07 2.36 0.00	36.73 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.56 2.12 0.00	127.16 7.38 0.00	39.97 2.31 0.00	34.42 1.97 0.00
NARROWS_GT2_2 24237	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.00 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.07 2.36 0.00	36.73 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.56 2.12 0.00	127.16 7.38 0.00	39.97 2.31 0.00	34.42 1.97 0.00
NARROWS_GT2_3 24238	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.00 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.07 2.36 0.00	36.73 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.56 2.12 0.00	127.16 7.38 0.00	39.97 2.31 0.00	34.42 1.97 0.00
NARROWS_GT2_4 24239	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.00 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.07 2.36 0.00	36.73 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.56 2.12 0.00	127.16 7.38 0.00	39.97 2.31 0.00	34.42 1.97 0.00
NARROWS_GT2_5 24240	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.00 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.07 2.36 0.00	36.73 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.56 2.12 0.00	127.16 7.38 0.00	39.97 2.31 0.00	34.42 1.97 0.00
NARROWS_GT2_6 24241	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.00 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.07 2.36 0.00	36.73 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.56 2.12 0.00	127.16 7.38 0.00	39.97 2.31 0.00	34.42 1.97 0.00
NARROWS_GT2_7 24242	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.00 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.07 2.36 0.00	36.73 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.56 2.12 0.00	127.16 7.38 0.00	39.97 2.31 0.00	34.42 1.97 0.00
NARROWS_GT2_8 24243	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.00 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.07 2.36 0.00	36.73 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.56 2.12 0.00	127.16 7.38 0.00	39.97 2.31 0.00	34.42 1.97 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	46.14 1.95 0.00	41.89 1.95 0.00	46.83 2.08 0.00	36.34 1.64 0.00	33.98 1.50 0.00	48.60 2.21 0.00	52.75 2.42 0.00	46.72 2.00 0.00	36.15 1.36 0.00	33.05 1.11 0.00	31.97 0.90 0.00	35.99 1.00 0.00	37.85 1.21 0.00	31.85 0.81 0.00	36.44 0.99 0.00	123.93 4.16 0.00	39.16 1.50 0.00	33.62 1.17 0.00
NCHELSEA_115KV_TR2 355582	46.05 1.87 0.00	41.56 1.62 0.00	46.33 1.58 0.00	35.92 1.23 0.00	33.60 1.11 0.00	48.28 1.90 0.00	52.86 2.53 0.00	46.82 2.10 0.00	36.42 1.63 0.00	33.38 1.44 0.00	32.60 1.53 0.00	36.91 1.92 0.00	38.67 2.02 0.00	32.54 1.49 0.00	37.22 1.77 0.00	126.05 6.28 0.00	39.64 1.98 0.00	34.14 1.69 0.00
NEG CAPITAL__MECHNVIL 23645	46.23 2.05 0.00	41.84 1.91 0.00	46.82 2.07 0.00	36.30 1.60 0.00	33.96 1.48 0.00	48.76 2.37 0.00	52.95 2.62 0.00	46.88 2.16 0.00	36.30 1.51 0.00	33.18 1.24 0.00	32.08 1.01 0.00	36.08 1.09 0.00	37.80 1.15 0.00	31.94 0.90 0.00	36.61 1.16 0.00	124.62 4.85 0.00	39.28 1.62 0.00	33.94 1.49 0.00

NEG CENTRAL_HIGH_ACRES 23767	42.43 -1.76 0.00	38.29 -1.64 0.00	43.02 -1.73 0.00	33.33 -1.37 0.00	31.29 -1.20 0.00	44.40 -1.99 0.00	45.93 -2.24 2.15	42.95 -1.77 0.00	24.97 -1.32 8.50	30.76 -1.18 0.00	29.99 -1.08 0.00	33.77 -1.22 0.00	35.38 -1.27 0.00	30.23 -0.81 0.00	34.36 -1.09 0.00	74.65 -4.32 40.80	31.75 -1.58 4.34	31.07 -1.39 0.00
NEG CENTRAL___DRP 24199	43.48 -0.70 0.00	39.33 -0.60 0.00	44.11 -0.64 0.00	34.11 -0.59 0.00	32.03 -0.45 0.00	45.67 -0.72 0.00	47.11 -0.84 2.38	44.08 -0.64 0.00	24.84 -0.55 9.40	31.48 -0.46 0.00	30.72 -0.35 0.00	34.54 -0.45 0.00	36.18 -0.47 0.00	30.80 -0.24 0.00	35.09 -0.36 0.00	72.84 -1.81 45.12	32.20 -0.66 4.80	31.88 -0.58 0.00
NEG CENTRAL___INDECK 23768	44.03 -0.15 0.00	39.71 -0.22 0.00	44.79 0.03 0.00	34.55 -0.15 0.00	32.56 0.08 0.00	46.25 -0.14 0.00	44.93 -0.18 5.23	44.21 -0.51 0.00	13.22 -0.96 20.61	30.66 -1.28 0.00	30.06 -1.01 0.00	33.92 -1.07 0.00	35.89 -0.76 0.00	32.14 1.09 0.00	35.95 0.51 0.00	19.93 -0.89 98.94	26.61 -0.52 10.52	32.13 -0.32 0.00
NEG CENTRAL___SENECA 23627	43.40 -0.78 0.00	39.23 -0.71 0.00	44.06 -0.69 0.00	34.01 -0.69 0.00	32.00 -0.49 0.00	45.61 -0.78 0.00	45.95 -0.92 3.46	44.06 -0.66 0.00	20.56 -0.58 13.64	31.48 -0.46 0.00	30.75 -0.32 0.00	34.55 -0.44 0.00	36.19 -0.46 0.00	30.87 -0.17 0.00	35.14 -0.31 0.00	52.28 -2.00 65.49	29.93 -0.77 6.97	31.78 -0.67 0.00
NEG CENTRAL___STATE_STREET 24147	43.91 -0.27 0.00	39.81 -0.13 0.00	44.52 -0.23 0.00	34.48 -0.22 0.00	32.33 -0.15 0.00	46.22 -0.17 0.00	48.76 -0.22 1.35	44.58 -0.14 0.00	29.32 -0.14 5.32	31.82 -0.12 0.00	31.01 -0.06 0.00	34.87 -0.11 0.00	36.54 -0.11 0.00	30.95 -0.09 0.00	35.29 -0.16 0.00	93.88 -0.35 25.55	34.76 -0.18 2.72	32.30 -0.16 0.00
NEG MILLWOOD___DRP 24198	46.11 1.93 0.00	41.60 1.66 0.00	46.38 1.62 0.00	35.94 1.25 0.00	33.63 1.14 0.00	48.34 1.95 0.00	52.95 2.61 0.00	46.91 2.19 0.00	36.51 1.72 0.00	33.47 1.53 0.00	32.71 1.64 0.00	36.99 2.00 0.00	38.77 2.12 0.00	32.62 1.58 0.00	37.31 1.86 0.00	126.29 6.52 0.00	39.72 2.05 0.00	34.21 1.75 0.00
NEG NORTH_FLCN_SEA 23793	44.57 0.39 0.00	40.21 0.27 0.00	45.19 0.43 0.00	34.98 0.28 0.00	32.85 0.37 0.00	47.09 0.70 0.00	51.12 0.78 0.00	45.66 0.94 0.00	35.50 0.70 0.00	32.63 0.69 0.00	31.53 0.46 0.00	35.44 0.45 0.00	37.12 0.48 0.00	31.51 0.47 0.00	36.12 0.68 0.00	121.76 1.99 0.00	38.40 0.74 0.00	33.21 0.75 0.00
NEG NORTH_KES_CHATAGAY 23792	44.16 -0.02 0.00	39.82 -0.12 0.00	44.78 0.02 0.00	34.68 -0.02 0.00	32.53 0.05 0.00	46.56 0.17 0.00	50.51 0.18 0.00	45.12 0.40 0.00	35.06 0.27 0.00	32.23 0.29 0.00	31.22 0.15 0.00	35.10 0.11 0.00	36.78 0.13 0.00	31.22 0.17 0.00	35.66 0.22 0.00	120.25 0.48 0.00	37.94 0.28 0.00	32.74 0.29 0.00
NEG NORTH___ALICE_FALLS 23915	44.57 0.39 0.00	40.19 0.25 0.00	45.17 0.41 0.00	34.96 0.27 0.00	32.84 0.36 0.00	47.06 0.67 0.00	51.09 0.76 0.00	45.68 0.96 0.00	35.49 0.70 0.00	32.60 0.66 0.00	31.46 0.39 0.00	35.35 0.36 0.00	37.01 0.36 0.00	31.42 0.38 0.00	36.05 0.60 0.00	121.29 1.52 0.00	38.39 0.73 0.00	33.18 0.73 0.00
NEG NORTH___LWR_SARANAC 23913	44.57 0.39 0.00	40.19 0.25 0.00	45.17 0.41 0.00	34.96 0.27 0.00	32.84 0.36 0.00	47.06 0.67 0.00	51.09 0.76 0.00	45.68 0.96 0.00	35.49 0.70 0.00	32.60 0.66 0.00	31.46 0.39 0.00	35.35 0.36 0.00	37.01 0.36 0.00	31.42 0.38 0.00	36.05 0.60 0.00	121.29 1.52 0.00	38.39 0.73 0.00	33.18 0.73 0.00
NEG NORTH___PLATTSBURG 23628	44.57 0.39 0.00	40.19 0.25 0.00	45.17 0.41 0.00	34.96 0.27 0.00	32.84 0.36 0.00	47.06 0.67 0.00	51.09 0.76 0.00	45.68 0.96 0.00	35.49 0.70 0.00	32.60 0.66 0.00	31.46 0.39 0.00	35.35 0.36 0.00	37.01 0.36 0.00	31.42 0.38 0.00	36.05 0.60 0.00	121.29 1.52 0.00	38.39 0.73 0.00	33.18 0.72 0.00
NEG WEST_LEA_LOCKPORT 23791	41.41 -2.77 0.00	37.38 -2.55 0.00	42.32 -2.43 0.00	32.74 -1.96 0.00	30.85 -1.64 0.00	43.26 -3.13 0.00	42.17 -4.01 4.15	41.43 -3.29 0.00	16.10 -2.32 16.37	29.92 -2.02 0.00	29.33 -1.75 0.00	32.90 -2.09 0.00	34.54 -2.10 0.00	29.78 -1.27 0.00	33.59 -1.86 0.00	33.13 -7.99 78.64	26.10 -3.21 8.36	29.58 -2.87 0.00
NEG WEST___LANCASTER 23811	41.56 -2.62 0.00	37.47 -2.46 0.00	42.40 -2.35 0.00	32.66 -2.03 0.00	30.80 -1.68 0.00	43.38 -3.01 0.00	41.46 -3.64 5.24	41.72 -3.00 0.00	11.97 -2.16 20.66	30.11 -1.83 0.00	29.58 -1.50 0.00	33.21 -1.78 0.00	34.85 -1.80 0.00	29.91 -1.13 0.00	33.73 -1.72 0.00	12.83 -7.74 99.20	24.25 -2.87 10.55	29.82 -2.64 0.00
NEG_PENN_ALLEGHNY 23528	44.18 0.00 0.00	39.91 -0.03 0.00	44.72 -0.04 0.00	34.62 -0.08 0.00	32.45 -0.04 0.00	46.33 -0.06 0.00	55.00 0.00 -4.67	44.70 -0.02 0.00	53.19 -0.03 -18.42	31.93 -0.01 0.00	31.18 0.10 0.00	35.13 0.14 0.00	36.81 0.17 0.00	31.24 0.20 0.00	35.58 0.13 0.00	208.38 0.17 -88.44	47.03 -0.05 -9.41	32.40 -0.06 0.00
NEG___GEN_MONROE 24207	43.24 -0.94 0.00	38.99 -0.95 0.00	43.89 -0.86 0.00	33.98 -0.72 0.00	31.97 -0.52 0.00	45.24 -1.15 0.00	46.21 -1.48 2.64	43.65 -1.07 0.00	23.65 -0.74 10.40	31.27 -0.67 0.00	30.57 -0.51 0.00	34.36 -0.63 0.00	36.04 -0.61 0.00	30.94 -0.10 0.00	35.10 -0.34 0.00	67.48 -2.35 49.93	31.32 -1.04 5.31	31.52 -0.93 0.00

NEPA__ENERGY 23901	42.42 -1.76 0.00	38.28 -1.65 0.00	43.24 -1.51 0.00	33.19 -1.51 0.00	31.28 -1.20 0.00	44.34 -2.05 0.00	42.31 -2.71 5.31	42.55 -2.17 0.00	12.19 -1.66 20.94	30.70 -1.24 0.00	30.28 -0.79 0.00	34.01 -0.98 0.00	35.71 -0.94 0.00	30.48 -0.57 0.00	34.32 -1.13 0.00	12.71 -6.53 100.52	24.50 -2.47 10.69	30.22 -2.24 0.00
NEVERSINK__HYD 23608	45.54 1.36 0.00	41.33 1.40 0.00	46.12 1.36 0.00	35.78 1.08 0.00	33.48 0.99 0.00	48.12 1.74 0.00	53.35 2.38 -0.64	46.46 1.75 0.00	37.75 0.43 -2.54	32.23 0.29 0.00	31.45 0.37 0.00	35.82 0.83 0.00	37.45 0.80 0.00	31.65 0.60 0.00	37.12 1.67 0.00	137.76 5.80 -12.18	40.84 1.88 -1.30	34.04 1.59 0.00
NEWKRMKL_115KV_TB1 55635	45.30 1.12 0.00	41.27 1.34 0.00	46.12 1.37 0.00	35.81 1.12 0.00	33.45 0.96 0.00	47.71 1.32 0.00	51.64 1.31 0.00	45.74 1.02 0.00	35.54 0.75 0.00	32.61 0.67 0.00	31.66 0.59 0.00	35.71 0.72 0.00	37.40 0.75 0.00	31.52 0.48 0.00	36.10 0.65 0.00	122.55 2.78 0.00	38.60 0.94 0.00	33.10 0.65 0.00
NEWTON__FALLS_HYD 23847	42.26 -1.93 0.00	38.32 -1.62 0.00	43.31 -1.45 0.00	33.69 -1.01 0.00	31.58 -0.91 0.00	45.12 -1.27 0.00	49.35 -0.99 0.00	44.15 -0.57 0.00	34.37 -0.42 0.00	31.55 -0.39 0.00	30.48 -0.59 0.00	34.37 -0.62 0.00	35.95 -0.70 0.00	30.64 -0.41 0.00	34.96 -0.48 0.00	118.61 -1.16 0.00	37.42 -0.24 0.00	32.26 -0.20 0.00
NGRID_A1_DSASP 323792	40.83 -3.35 0.00	36.80 -3.13 0.00	41.68 -3.07 0.00	32.25 -2.45 0.00	30.38 -2.10 0.00	42.52 -3.86 0.00	41.27 -4.72 4.34	40.79 -3.93 0.00	14.87 -2.79 17.13	29.50 -2.44 0.00	28.88 -2.19 0.00	32.38 -2.62 0.00	34.00 -2.65 0.00	29.28 -1.76 0.00	33.01 -2.44 0.00	27.80 -9.96 82.01	25.18 -3.73 8.75	28.90 -3.56 0.00
NGRID_A2_DSASP 323793	40.83 -3.35 0.00	36.80 -3.13 0.00	41.68 -3.07 0.00	32.25 -2.45 0.00	30.38 -2.10 0.00	42.52 -3.86 0.00	41.27 -4.72 4.34	40.79 -3.93 0.00	14.87 -2.79 17.13	29.50 -2.44 0.00	28.88 -2.19 0.00	32.38 -2.62 0.00	34.00 -2.65 0.00	29.28 -1.76 0.00	33.01 -2.44 0.00	27.80 -9.96 82.01	25.18 -3.73 8.75	28.90 -3.56 0.00
NGRID_A4_DSASP 323807	40.83 -3.35 0.00	36.80 -3.13 0.00	41.68 -3.07 0.00	32.25 -2.45 0.00	30.38 -2.10 0.00	42.52 -3.86 0.00	41.27 -4.72 4.34	40.79 -3.93 0.00	14.87 -2.79 17.13	29.50 -2.44 0.00	28.88 -2.19 0.00	32.38 -2.62 0.00	34.00 -2.65 0.00	29.28 -1.76 0.00	33.01 -2.44 0.00	27.80 -9.96 82.01	25.18 -3.73 8.75	28.90 -3.56 0.00
NIAGARA_115E_LBMP 323715	40.75 -3.43 0.00	36.86 -3.07 0.00	41.76 -3.00 0.00	32.32 -2.39 0.00	30.45 -2.04 0.00	42.63 -3.76 0.00	41.16 -4.87 4.31	40.66 -4.06 0.00	14.91 -2.90 16.98	29.41 -2.53 0.00	28.81 -2.26 0.00	32.30 -2.69 0.00	33.90 -2.75 0.00	29.24 -1.81 0.00	32.96 -2.49 0.00	28.35 -9.88 81.53	25.06 -3.93 8.67	28.99 -3.46 0.00
NIAGARA_115W_LBMP 323714	40.75 -3.43 0.00	36.73 -3.20 0.00	41.60 -3.15 0.00	32.18 -2.52 0.00	30.33 -2.16 0.00	42.43 -3.96 0.00	41.12 -4.88 4.33	40.70 -4.02 0.00	14.84 -2.85 17.10	29.44 -2.50 0.00	28.82 -2.25 0.00	32.31 -2.69 0.00	33.93 -2.72 0.00	29.23 -1.82 0.00	32.96 -2.49 0.00	27.78 -10.10 81.88	25.06 -3.87 8.73	28.83 -3.62 0.00
NIAGARA_230_LBMP 323716	41.09 -3.09 0.00	37.05 -2.89 0.00	41.95 -2.81 0.00	32.43 -2.27 0.00	30.56 -1.93 0.00	42.81 -3.58 0.00	41.55 -4.51 4.27	41.08 -3.64 0.00	15.34 -2.61 16.84	29.67 -2.27 0.00	29.06 -2.01 0.00	32.59 -2.40 0.00	34.20 -2.44 0.00	29.45 -1.60 0.00	33.23 -2.22 0.00	29.62 -9.36 80.79	25.47 -3.59 8.60	29.25 -3.20 0.00
NIAGARA__115KV_198_GIBSON 55903	40.75 -3.43 0.00	36.74 -3.20 0.00	41.60 -3.15 0.00	32.18 -2.52 0.00	30.32 -2.16 0.00	42.43 -3.95 0.00	41.19 -4.81 4.33	40.70 -4.02 0.00	14.84 -2.85 17.10	29.44 -2.50 0.00	28.82 -2.26 0.00	32.31 -2.68 0.00	33.93 -2.72 0.00	29.23 -1.81 0.00	32.95 -2.50 0.00	27.77 -10.12 81.88	25.14 -3.79 8.73	28.83 -3.62 0.00
NIAGARA____ 23760	41.09 -3.09 0.00	37.05 -2.89 0.00	41.95 -2.81 0.00	32.43 -2.27 0.00	30.56 -1.93 0.00	42.81 -3.58 0.00	41.54 -4.51 4.28	41.08 -3.64 0.00	15.29 -2.61 16.89	29.67 -2.27 0.00	29.06 -2.01 0.00	32.59 -2.40 0.00	34.20 -2.44 0.00	29.45 -1.60 0.00	33.23 -2.22 0.00	29.42 -9.36 80.99	25.44 -3.59 8.63	29.25 -3.20 0.00
NINE_MILE_1 23575	42.83 -1.36 0.00	38.71 -1.23 0.00	43.39 -1.37 0.00	33.64 -1.06 0.00	31.49 -1.00 0.00	44.77 -1.62 0.00	48.43 -1.90 0.00	43.07 -1.66 0.00	33.53 -1.26 0.00	30.78 -1.16 0.00	29.98 -1.08 0.00	33.74 -1.25 0.00	35.33 -1.31 0.00	30.00 -1.04 0.00	34.21 -1.23 0.00	115.46 -4.31 0.00	36.31 -1.35 0.00	31.28 -1.17 0.00
NINE_MILE_2 23744	42.83 -1.36 0.00	38.72 -1.22 0.00	43.39 -1.36 0.00	33.64 -1.06 0.00	31.50 -0.99 0.00	44.77 -1.62 0.00	48.43 -1.90 0.00	43.07 -1.65 0.00	33.53 -1.26 0.00	30.78 -1.16 0.00	29.98 -1.08 0.00	33.74 -1.25 0.00	35.33 -1.31 0.00	30.01 -1.03 0.00	34.21 -1.23 0.00	115.47 -4.31 0.00	36.31 -1.35 0.00	31.28 -1.17 0.00
NM_CAPITAL__DRP 24208	45.42 1.24 0.00	41.29 1.36 0.00	46.15 1.40 0.00	35.82 1.12 0.00	33.48 0.99 0.00	47.85 1.46 0.00	51.85 1.52 0.00	45.91 1.19 0.00	35.67 0.87 0.00	32.74 0.80 0.00	31.78 0.70 0.00	35.81 0.82 0.00	37.48 0.84 0.00	31.60 0.56 0.00	36.19 0.74 0.00	122.91 3.14 0.00	38.68 1.02 0.00	33.20 0.75 0.00

NM_CENTRAL___DRP 24181	43.58 -0.60 0.00	39.38 -0.55 0.00	44.14 -0.61 0.00	34.21 -0.49 0.00	32.03 -0.45 0.00	45.60 -0.79 0.00	49.41 -0.92 0.00	43.92 -0.80 0.00	34.21 -0.58 0.00	31.40 -0.54 0.00	30.60 -0.48 0.00	34.46 -0.53 0.00	36.09 -0.56 0.00	30.67 -0.38 0.00	34.94 -0.51 0.00	117.96 -1.81 0.00	37.07 -0.60 0.00	31.93 -0.52 0.00
NM_FRONTIER___DRP 24179	40.75 -3.43 0.00	36.74 -3.20 0.00	41.60 -3.15 0.00	32.18 -2.52 0.00	30.32 -2.16 0.00	42.43 -3.95 0.00	41.19 -4.81 4.33	40.70 -4.02 0.00	14.84 -2.85 17.10	29.44 -2.50 0.00	28.82 -2.26 0.00	32.31 -2.68 0.00	33.93 -2.72 0.00	29.23 -1.81 0.00	32.95 -2.50 0.00	27.77 -10.12 81.88	25.14 -3.79 8.73	28.83 -3.62 0.00
NM_ST_REGIS___HYD 24053	42.95 -1.23 0.00	38.77 -1.16 0.00	43.66 -1.09 0.00	33.87 -0.83 0.00	31.77 -0.72 0.00	45.45 -0.93 0.00	49.41 -0.92 0.00	44.18 -0.54 0.00	34.34 -0.45 0.00	31.56 -0.38 0.00	30.55 -0.52 0.00	34.32 -0.68 0.00	35.97 -0.68 0.00	30.60 -0.45 0.00	34.97 -0.48 0.00	117.83 -1.94 0.00	37.19 -0.47 0.00	32.10 -0.36 0.00
NORTHPORT___1 23551	47.12 2.14 -0.81	41.81 1.88 0.00	46.56 1.81 0.00	36.13 1.44 0.00	33.80 1.32 0.00	48.35 1.96 0.00	49.75 2.07 2.65	45.89 1.42 0.25	36.41 1.62 0.00	33.32 1.38 0.00	32.61 1.54 0.00	36.83 1.84 0.00	38.68 2.03 0.00	32.56 1.51 0.00	36.94 1.49 0.00	104.69 3.67 18.75	39.23 1.57 0.00	33.77 1.32 0.00
NORTHPORT___2 23552	47.08 2.08 -0.82	41.71 1.77 0.00	46.41 1.66 0.00	36.01 1.31 0.00	33.70 1.21 0.00	48.15 1.76 0.00	52.17 1.84 0.00	45.94 1.22 0.00	36.31 1.52 0.00	33.30 1.36 0.00	32.77 1.70 0.00	37.04 2.05 0.00	38.88 2.23 0.00	32.70 1.66 0.00	37.07 1.62 0.00	123.69 3.91 0.00	39.17 1.51 0.00	33.61 1.16 0.00
NORTHPORT___3 23553	47.08 2.08 -0.82	41.71 1.77 0.00	46.41 1.66 0.00	36.01 1.31 0.00	33.70 1.21 0.00	48.15 1.76 0.00	52.17 1.84 0.00	45.94 1.22 0.00	36.31 1.52 0.00	33.30 1.36 0.00	32.77 1.70 0.00	37.04 2.05 0.00	38.88 2.23 0.00	32.70 1.66 0.00	37.07 1.62 0.00	123.69 3.91 0.00	39.17 1.51 0.00	33.61 1.16 0.00
NORTHPORT___4 23650	47.08 2.08 -0.82	41.71 1.77 0.00	46.41 1.66 0.00	36.01 1.31 0.00	33.70 1.21 0.00	48.15 1.76 0.00	52.17 1.84 0.00	45.94 1.22 0.00	36.31 1.52 0.00	33.30 1.36 0.00	32.77 1.70 0.00	37.04 2.05 0.00	38.88 2.23 0.00	32.70 1.66 0.00	37.07 1.62 0.00	123.69 3.91 0.00	39.17 1.51 0.00	33.61 1.16 0.00
NORTHPORT___IC 23718	47.12 2.14 -0.81	41.81 1.88 0.00	46.56 1.81 0.00	36.13 1.44 0.00	33.80 1.32 0.00	48.35 1.96 0.00	49.76 2.08 2.65	45.90 1.43 0.25	36.41 1.62 0.00	33.31 1.38 0.00	32.61 1.54 0.00	36.83 1.84 0.00	38.68 2.03 0.00	32.56 1.52 0.00	36.95 1.51 0.00	104.71 3.69 18.75	39.22 1.55 0.00	33.77 1.32 0.00
NORTH___COUNTRY_ESR 323785	44.11 -0.07 0.00	39.77 -0.17 0.00	44.72 -0.03 0.00	34.64 -0.06 0.00	32.50 0.01 0.00	46.49 0.10 0.00	50.42 0.09 0.00	45.04 0.32 0.00	35.04 0.25 0.00	32.21 0.27 0.00	31.22 0.15 0.00	35.10 0.11 0.00	36.78 0.13 0.00	31.22 0.17 0.00	35.66 0.22 0.00	120.25 0.48 0.00	37.90 0.24 0.00	32.71 0.26 0.00
NPX_GEN_1385_PROXY 323591	47.12 2.14 -0.81	41.81 1.88 0.00	46.56 1.81 0.00	36.13 1.44 0.00	33.80 1.32 0.00	48.35 1.96 0.00	49.75 2.07 2.65	45.89 1.42 0.25	36.41 1.62 0.00	33.32 1.38 0.00	32.61 1.54 0.00	36.83 1.84 0.00	38.68 2.03 0.00	32.56 1.51 0.00	36.94 1.49 0.00	104.69 3.67 18.75	39.23 1.57 0.00	33.77 1.32 0.00
NPX_GEN_CSC 323557	47.73 2.73 -0.82	42.32 2.38 0.00	47.09 2.34 0.00	36.55 1.85 0.00	34.26 1.77 0.00	49.03 2.64 0.00	52.99 2.66 0.00	46.60 1.88 0.00	36.85 2.06 0.00	33.33 1.39 0.00	27.75 1.21 4.53	29.75 1.37 6.61	36.08 1.60 2.16	32.27 1.23 0.00	36.69 1.24 0.00	122.90 3.13 0.00	39.44 1.78 0.00	34.25 1.80 0.00
NSINS_S___GLNS_FALLS 23858	46.53 2.35 0.00	42.12 2.19 0.00	47.23 2.47 0.00	36.62 1.92 0.00	34.17 1.68 0.00	49.24 2.86 0.00	53.49 3.16 0.00	47.31 2.59 0.00	36.56 1.77 0.00	33.31 1.37 0.00	32.05 0.98 0.00	35.91 0.92 0.00	37.60 0.95 0.00	31.82 0.77 0.00	36.57 1.13 0.00	124.95 5.18 0.00	39.40 1.74 0.00	34.23 1.77 0.00
NUCOR_STEEL___DRP 24197	43.90 -0.28 0.00	39.82 -0.12 0.00	44.52 -0.23 0.00	34.48 -0.22 0.00	32.33 -0.16 0.00	46.22 -0.17 0.00	49.00 -0.21 1.11	44.56 -0.16 0.00	30.25 -0.14 4.40	31.81 -0.12 0.00	31.00 -0.06 0.00	34.87 -0.11 0.00	36.54 -0.11 0.00	30.93 -0.11 0.00	35.25 -0.19 0.00	98.31 -0.36 21.10	35.24 -0.18 2.24	32.30 -0.16 0.00
NUMBER_THREE_WT_PWR 323818	42.73 -1.46 0.00	38.90 -1.03 0.00	44.09 -0.67 0.00	34.36 -0.34 0.00	32.20 -0.29 0.00	45.98 -0.41 0.00	50.52 0.19 0.00	45.22 0.50 0.00	35.24 0.44 0.00	32.32 0.39 0.00	31.14 0.06 0.00	35.26 0.27 0.00	36.81 0.16 0.00	31.29 0.25 0.00	35.82 0.37 0.00	122.26 2.50 0.00	38.53 0.86 0.00	33.26 0.81 0.00
NYISO_LBMP_REFERENCE 24008	44.18 0.00 0.00	39.93 0.00 0.00	44.75 0.00 0.00	34.70 0.00 0.00	32.49 0.00 0.00	46.39 0.00 0.00	50.33 0.00 0.00	44.72 0.00 0.00	34.79 0.00 0.00	31.94 0.00 0.00	31.07 0.00 0.00	34.99 0.00 0.00	36.65 0.00 0.00	31.05 0.00 0.00	35.45 0.00 0.00	119.77 0.00 0.00	37.66 0.00 0.00	32.45 0.00 0.00

NYPA_BRENTWD____GT 24164	47.76 2.74 -0.83	42.32 2.39 0.00	47.10 2.35 0.00	36.55 1.85 0.00	34.23 1.74 0.00	49.00 2.61 0.00	53.18 2.85 0.00	46.81 2.10 0.00	36.90 2.11 0.00	33.68 1.74 0.00	32.90 1.83 0.00	37.11 2.12 0.00	38.98 2.33 0.00	32.80 1.76 0.00	37.29 1.84 0.00	124.92 5.15 0.00	39.63 1.97 0.00	34.13 1.68 0.00
NYPA_GOWANUS____GT5 24156	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.00 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.07 2.36 0.00	36.73 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.56 2.12 0.00	127.16 7.38 0.00	39.97 2.31 0.00	34.42 1.97 0.00
NYPA_GOWANUS____GT6 24157	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.00 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.07 2.36 0.00	36.73 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.56 2.12 0.00	127.16 7.38 0.00	39.97 2.31 0.00	34.42 1.97 0.00
NYPA_HARLEM__RVR__GT1 24160	45.97 1.79 0.00	41.43 1.49 0.00	46.16 1.41 0.00	35.78 1.08 0.00	33.45 0.96 0.00	48.09 1.70 0.00	52.76 2.43 0.00	46.71 1.99 0.00	36.53 1.74 0.00	33.47 1.54 0.00	32.70 1.63 0.00	37.00 2.01 0.00	38.84 2.19 0.00	32.65 1.61 0.00	37.31 1.86 0.00	126.39 6.62 0.00	39.69 2.03 0.00	34.17 1.71 0.00
NYPA_HARLEM__RVR__GT2 24161	45.97 1.79 0.00	41.43 1.49 0.00	46.16 1.41 0.00	35.78 1.08 0.00	33.45 0.96 0.00	48.09 1.70 0.00	52.76 2.43 0.00	46.71 1.99 0.00	36.53 1.74 0.00	33.47 1.54 0.00	32.70 1.63 0.00	37.00 2.01 0.00	38.84 2.19 0.00	32.65 1.61 0.00	37.31 1.86 0.00	126.39 6.62 0.00	39.69 2.03 0.00	34.17 1.71 0.00
NYPA_KENT____GT 24152	46.15 1.96 0.00	41.62 1.69 0.00	46.36 1.60 0.00	35.94 1.24 0.00	33.59 1.11 0.00	48.30 1.91 0.00	52.97 2.64 0.00	46.98 2.25 0.00	36.67 1.89 0.00	33.63 1.70 0.00	32.87 1.80 0.00	37.22 2.23 0.00	39.05 2.40 0.00	32.74 1.70 0.00	37.51 2.06 0.00	127.01 7.24 0.00	39.92 2.26 0.00	34.36 1.91 0.00
NYPA_POUCH1____GT 24155	46.20 2.02 0.00	41.66 1.73 0.00	46.40 1.65 0.00	35.98 1.29 0.00	33.62 1.14 0.00	48.34 1.95 0.00	53.06 2.73 0.00	47.03 2.31 0.00	36.68 1.89 0.00	33.60 1.67 0.00	32.83 1.76 0.00	37.19 2.21 0.00	39.03 2.38 0.00	32.70 1.66 0.00	37.48 2.04 0.00	126.85 7.08 0.00	39.88 2.22 0.00	34.36 1.91 0.00
NYPA_VERNON____GT2 24162	46.06 1.88 0.00	41.55 1.61 0.00	46.27 1.52 0.00	35.88 1.18 0.00	33.54 1.06 0.00	48.22 1.83 0.00	52.85 2.52 0.00	46.87 2.15 0.00	36.61 1.82 0.00	33.58 1.64 0.00	32.83 1.75 0.00	37.16 2.17 0.00	38.99 2.34 0.00	32.69 1.65 0.00	37.45 2.01 0.00	126.79 7.02 0.00	39.86 2.20 0.00	34.33 1.87 0.00
NYPA_VERNON____GT3 24163	46.06 1.88 0.00	41.55 1.61 0.00	46.27 1.52 0.00	35.88 1.18 0.00	33.54 1.06 0.00	48.22 1.83 0.00	52.85 2.52 0.00	46.87 2.15 0.00	36.61 1.82 0.00	33.58 1.64 0.00	32.83 1.75 0.00	37.16 2.17 0.00	38.99 2.34 0.00	32.69 1.65 0.00	37.45 2.01 0.00	126.79 7.02 0.00	39.86 2.20 0.00	34.33 1.87 0.00
NYPA__ASTORIA_CC1 323568	46.01 1.83 0.00	41.50 1.57 0.00	46.22 1.47 0.00	35.83 1.13 0.00	33.50 1.02 0.00	48.15 1.76 0.00	52.78 2.45 0.00	46.82 2.10 0.00	36.57 1.78 0.00	33.55 1.61 0.00	32.78 1.71 0.00	37.11 2.12 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.40 1.95 0.00	126.61 6.84 0.00	39.82 2.15 0.00	34.26 1.81 0.00
NYPA__ASTORIA_CC2 323569	46.01 1.83 0.00	41.50 1.57 0.00	46.22 1.47 0.00	35.83 1.13 0.00	33.50 1.02 0.00	48.15 1.76 0.00	52.78 2.45 0.00	46.82 2.10 0.00	36.57 1.78 0.00	33.55 1.61 0.00	32.78 1.71 0.00	37.11 2.12 0.00	38.94 2.29 0.00	32.66 1.62 0.00	37.40 1.95 0.00	126.61 6.84 0.00	39.82 2.15 0.00	34.26 1.81 0.00
NYPA__HOLTSVILL 23794	47.55 2.55 -0.81	42.17 2.23 0.00	46.92 2.17 0.00	36.43 1.73 0.00	34.13 1.64 0.00	48.81 2.43 0.00	52.90 2.56 0.00	46.58 1.86 0.00	36.76 1.97 0.00	33.48 1.55 0.00	32.63 1.56 0.00	36.78 1.79 0.00	38.65 2.01 0.00	32.56 1.51 0.00	36.98 1.53 0.00	123.79 4.02 0.00	39.48 1.82 0.00	34.07 1.61 0.00
NYPA__HELLGATE_GT1 24158	45.93 1.75 0.00	41.39 1.45 0.00	46.12 1.37 0.00	35.76 1.06 0.00	33.42 0.93 0.00	48.06 1.67 0.00	52.72 2.38 0.00	46.67 1.95 0.00	36.50 1.71 0.00	33.45 1.51 0.00	32.67 1.60 0.00	36.97 1.99 0.00	38.82 2.18 0.00	32.65 1.61 0.00	37.31 1.86 0.00	126.39 6.62 0.00	39.71 2.05 0.00	34.20 1.74 0.00
NYPA__HELLGATE_GT2 24159	45.93 1.75 0.00	41.39 1.45 0.00	46.12 1.37 0.00	35.76 1.06 0.00	33.42 0.93 0.00	48.06 1.67 0.00	52.72 2.38 0.00	46.67 1.95 0.00	36.50 1.71 0.00	33.45 1.51 0.00	32.67 1.60 0.00	36.97 1.99 0.00	38.82 2.18 0.00	32.65 1.61 0.00	37.31 1.86 0.00	126.39 6.62 0.00	39.71 2.05 0.00	34.20 1.74 0.00
NYS_BARGE__HYD 23848	41.42 -2.76 0.00	37.41 -2.52 0.00	42.36 -2.40 0.00	32.76 -1.93 0.00	30.87 -1.61 0.00	43.28 -3.11 0.00	42.20 -4.05 4.08	41.44 -3.28 0.00	16.39 -2.30 16.10	29.94 -2.00 0.00	29.34 -1.73 0.00	32.92 -2.08 0.00	34.55 -2.10 0.00	29.80 -1.25 0.00	33.63 -1.81 0.00	34.59 -7.82 77.36	26.21 -3.23 8.22	29.61 -2.84 0.00

OAK ORCHARD__HYD 24046	43.12 -1.06 0.00	38.88 -1.06 0.00	43.74 -1.01 0.00	33.86 -0.84 0.00	31.81 -0.67 0.00	45.07 -1.32 0.00	46.12 -1.64 2.57	43.50 -1.22 0.00	23.80 -0.85 10.14	31.18 -0.75 0.00	30.47 -0.60 0.00	34.28 -0.71 0.00	35.92 -0.72 0.00	30.79 -0.26 0.00	34.94 -0.51 0.00	68.40 -2.70 48.67	31.33 -1.16 5.18	31.45 -1.00 0.00
OAKDALE__35_KV_LOAD 356122	44.15 -0.04 0.00	39.88 -0.05 0.00	44.69 -0.06 0.00	34.60 -0.10 0.00	32.43 -0.06 0.00	46.29 -0.10 0.00	55.46 -0.07 -5.20	44.64 -0.08 0.00	55.23 -0.08 -20.51	31.89 -0.05 0.00	31.13 0.06 0.00	35.08 0.09 0.00	36.75 0.11 0.00	31.19 0.15 0.00	35.53 0.08 0.00	218.23 0.00 -98.46	48.04 -0.10 -10.47	32.33 -0.12 0.00
OCC_CHEM__DRP 24175	40.83 -3.35 0.00	36.80 -3.13 0.00	41.68 -3.07 0.00	32.25 -2.45 0.00	30.38 -2.10 0.00	42.52 -3.86 0.00	41.27 -4.72 4.34	40.79 -3.93 0.00	14.87 -2.79 17.13	29.50 -2.44 0.00	28.88 -2.19 0.00	32.38 -2.62 0.00	34.00 -2.65 0.00	29.28 -1.76 0.00	33.01 -2.44 0.00	27.80 -9.96 82.01	25.18 -3.73 8.75	28.90 -3.56 0.00
OH_GEN_PROXY 24063	41.13 -3.05 0.00	37.08 -2.86 0.00	41.99 -2.77 0.00	32.44 -2.26 0.00	30.56 -1.92 0.00	42.87 -3.52 0.00	41.58 -4.40 4.36	41.16 -3.56 0.00	15.05 -2.56 17.18	29.73 -2.21 0.00	29.11 -1.96 0.00	32.66 -2.33 0.00	34.29 -2.36 0.00	29.49 -1.55 0.00	33.27 -2.17 0.00	28.14 -9.18 82.44	25.38 -3.51 8.77	29.35 -3.10 0.00
OLIN_CORP_DRP 24177	40.82 -3.36 0.00	36.91 -3.03 0.00	41.80 -2.95 0.00	32.35 -2.35 0.00	30.48 -2.00 0.00	42.68 -3.71 0.00	41.24 -4.73 4.36	40.74 -3.98 0.00	14.75 -2.83 17.20	29.46 -2.48 0.00	28.85 -2.22 0.00	32.36 -2.64 0.00	33.97 -2.68 0.00	29.28 -1.76 0.00	33.01 -2.44 0.00	27.40 -9.78 82.59	25.07 -3.81 8.78	29.06 -3.39 0.00
OLIN_CORP_DSASP 323712	40.83 -3.35 0.00	36.80 -3.13 0.00	41.68 -3.07 0.00	32.25 -2.45 0.00	30.38 -2.10 0.00	42.52 -3.86 0.00	41.27 -4.72 4.34	40.79 -3.93 0.00	14.87 -2.79 17.13	29.50 -2.44 0.00	28.88 -2.19 0.00	32.38 -2.62 0.00	34.00 -2.65 0.00	29.28 -1.76 0.00	33.01 -2.44 0.00	27.80 -9.96 82.01	25.18 -3.73 8.75	28.90 -3.56 0.00
ONEIDA_HERK_LFGE 323681	44.13 -0.05 0.00	40.02 0.08 0.00	45.11 0.36 0.00	35.05 0.35 0.00	32.86 0.37 0.00	46.97 0.58 0.00	51.35 1.01 0.00	45.82 1.10 0.00	35.64 0.85 0.00	32.67 0.73 0.00	31.47 0.40 0.00	35.62 0.63 0.00	37.26 0.61 0.00	31.68 0.63 0.00	36.31 0.86 0.00	123.49 3.71 0.00	38.87 1.21 0.00	33.52 1.07 0.00
ONEIDA__115KV_TB4 55905	44.87 0.69 0.00	40.60 0.67 0.00	45.56 0.81 0.00	35.31 0.61 0.00	33.10 0.62 0.00	47.31 0.92 0.00	51.48 1.15 0.00	45.80 1.08 0.00	35.58 0.79 0.00	32.60 0.66 0.00	31.45 0.38 0.00	35.58 0.59 0.00	37.25 0.60 0.00	31.71 0.67 0.00	36.33 0.88 0.00	123.08 3.31 0.00	38.70 1.03 0.00	33.33 0.88 0.00
ONONDAGA_REF_OCCRA 23987	43.86 -0.32 0.00	39.63 -0.30 0.00	44.42 -0.34 0.00	34.42 -0.28 0.00	32.24 -0.24 0.00	45.92 -0.47 0.00	49.78 -0.55 0.00	44.25 -0.47 0.00	34.44 -0.35 0.00	31.60 -0.34 0.00	30.80 -0.27 0.00	34.69 -0.30 0.00	36.33 -0.32 0.00	30.87 -0.18 0.00	35.16 -0.29 0.00	118.80 -0.97 0.00	37.33 -0.33 0.00	32.16 -0.29 0.00
ONONDAGA__COGEN 23986	43.74 -0.45 0.00	39.55 -0.39 0.00	44.31 -0.44 0.00	34.34 -0.36 0.00	32.17 -0.31 0.00	45.82 -0.57 0.00	48.94 -0.67 0.72	44.12 -0.61 0.00	31.49 -0.46 2.84	31.50 -0.43 0.00	30.71 -0.36 0.00	34.56 -0.43 0.00	36.20 -0.45 0.00	30.74 -0.30 0.00	35.02 -0.43 0.00	104.75 -1.39 13.63	35.75 -0.46 1.45	32.06 -0.39 0.00
ONTARIO__LFGE 23819	43.40 -0.78 0.00	39.23 -0.70 0.00	44.06 -0.69 0.00	34.01 -0.69 0.00	32.00 -0.49 0.00	45.60 -0.79 0.00	45.94 -0.94 3.46	44.06 -0.66 0.00	20.56 -0.59 13.64	31.48 -0.46 0.00	30.75 -0.32 0.00	34.55 -0.44 0.00	36.19 -0.46 0.00	30.87 -0.17 0.00	35.15 -0.30 0.00	52.25 -2.03 65.49	29.89 -0.81 6.97	31.79 -0.67 0.00
ORANGEVILLE_WT_PWR 323706	41.71 -2.48 0.00	37.71 -2.22 0.00	42.69 -2.06 0.00	32.90 -1.79 0.00	31.04 -1.44 0.00	43.89 -2.50 0.00	41.35 -3.14 5.84	42.17 -2.55 0.00	9.77 -1.98 23.04	30.17 -1.76 0.00	29.74 -1.34 0.00	33.43 -1.56 0.00	35.07 -1.58 0.00	30.14 -0.90 0.00	34.00 -1.44 0.00	2.11 -7.05 110.61	23.08 -2.81 11.77	29.95 -2.52 0.00
ORANGEVILLE__ESR 323794	41.71 -2.48 0.00	37.71 -2.22 0.00	42.69 -2.06 0.00	32.90 -1.79 0.00	31.04 -1.44 0.00	43.89 -2.50 0.00	41.35 -3.14 5.84	42.17 -2.55 0.00	9.77 -1.98 23.04	30.17 -1.76 0.00	29.74 -1.34 0.00	33.43 -1.56 0.00	35.07 -1.58 0.00	30.14 -0.90 0.00	34.00 -1.44 0.00	2.11 -7.05 110.61	23.08 -2.81 11.77	29.95 -2.52 0.00
OSWEGATCHIE__HYD 24044	42.26 -1.93 0.00	38.32 -1.62 0.00	43.31 -1.45 0.00	33.69 -1.01 0.00	31.58 -0.90 0.00	45.12 -1.27 0.00	49.35 -0.98 0.00	44.15 -0.57 0.00	34.36 -0.42 0.00	31.55 -0.39 0.00	30.48 -0.59 0.00	34.37 -0.62 0.00	35.95 -0.70 0.00	30.64 -0.41 0.00	34.96 -0.48 0.00	118.61 -1.16 0.00	37.42 -0.24 0.00	32.26 -0.19 0.00
OSWEGO__5 23606	43.09 -1.09 0.00	38.96 -0.98 0.00	43.67 -1.09 0.00	33.85 -0.85 0.00	31.69 -0.79 0.00	45.09 -1.30 0.00	48.83 -1.51 0.00	43.40 -1.32 0.00	33.78 -1.01 0.00	31.02 -0.92 0.00	30.22 -0.85 0.00	34.01 -0.98 0.00	35.62 -1.03 0.00	30.24 -0.80 0.00	34.48 -0.97 0.00	116.40 -3.37 0.00	36.59 -1.08 0.00	31.51 -0.94 0.00

OSWEGO___6 23613	43.09 -1.09 0.00	38.96 -0.98 0.00	43.67 -1.09 0.00	33.85 -0.85 0.00	31.69 -0.79 0.00	45.09 -1.30 0.00	48.83 -1.51 0.00	43.40 -1.32 0.00	33.78 -1.01 0.00	31.02 -0.92 0.00	30.22 -0.85 0.00	34.01 -0.98 0.00	35.62 -1.03 0.00	30.24 -0.80 0.00	34.48 -0.97 0.00	116.40 -3.37 0.00	36.59 -1.08 0.00	31.51 -0.94 0.00
OUTOKUMPU-AB___DRP 24206	41.75 -2.43 0.00	37.66 -2.28 0.00	42.63 -2.12 0.00	32.94 -1.76 0.00	31.03 -1.45 0.00	43.54 -2.85 0.00	42.30 -3.60 4.43	41.81 -2.91 0.00	15.29 -2.03 17.47	30.23 -1.71 0.00	29.62 -1.45 0.00	33.25 -1.74 0.00	34.90 -1.74 0.00	30.25 -0.79 0.00	34.21 -1.24 0.00	29.42 -6.26 84.10	25.91 -2.83 8.92	29.78 -2.68 0.00
OXBOW___BTM 323836	41.39 -2.79 0.00	37.32 -2.62 0.00	42.24 -2.51 0.00	32.66 -2.04 0.00	30.78 -1.71 0.00	43.12 -3.27 0.00	41.82 -4.13 4.39	41.40 -3.32 0.00	15.16 -2.33 17.30	29.94 -2.00 0.00	29.33 -1.74 0.00	32.90 -2.09 0.00	34.55 -2.10 0.00	30.33 -0.72 0.00	34.40 -1.04 0.00	29.86 -6.08 83.83	25.57 -3.26 8.84	29.45 -3.00 0.00
OXBOW___ 24026	41.39 -2.80 0.00	37.32 -2.62 0.00	42.24 -2.51 0.00	32.66 -2.04 0.00	30.77 -1.71 0.00	43.13 -3.26 0.00	41.89 -4.06 4.39	41.39 -3.33 0.00	15.16 -2.33 17.30	29.94 -2.00 0.00	29.33 -1.75 0.00	32.90 -2.09 0.00	34.55 -2.10 0.00	30.33 -0.72 0.00	34.40 -1.05 0.00	29.85 -6.09 83.83	25.65 -3.18 8.84	29.45 -3.00 0.00
OXY_CHEM_DSASP 323612	40.83 -3.35 0.00	36.80 -3.13 0.00	41.68 -3.07 0.00	32.25 -2.45 0.00	30.38 -2.10 0.00	42.52 -3.86 0.00	41.27 -4.72 4.34	40.79 -3.93 0.00	14.87 -2.79 17.13	29.50 -2.44 0.00	28.88 -2.19 0.00	32.38 -2.62 0.00	34.00 -2.65 0.00	29.28 -1.76 0.00	33.01 -2.44 0.00	27.80 -9.96 82.01	25.18 -3.73 8.75	28.90 -3.56 0.00
OZONE_PARK_ESR 323760	46.39 2.21 0.00	41.83 1.89 0.00	46.58 1.82 0.00	36.10 1.41 0.00	33.75 1.27 0.00	48.52 2.14 0.00	53.23 2.90 0.00	47.22 2.50 0.00	36.84 2.05 0.00	33.78 1.84 0.00	33.02 1.95 0.00	37.38 2.39 0.00	39.18 2.53 0.00	32.86 1.82 0.00	37.63 2.18 0.00	127.45 7.68 0.00	40.12 2.45 0.00	34.52 2.07 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	40.83 -3.35 0.00	36.80 -3.13 0.00	41.68 -3.07 0.00	32.25 -2.45 0.00	30.38 -2.10 0.00	42.52 -3.86 0.00	41.27 -4.72 4.34	40.79 -3.93 0.00	14.87 -2.79 17.13	29.50 -2.44 0.00	28.88 -2.19 0.00	32.38 -2.62 0.00	34.00 -2.65 0.00	29.28 -1.76 0.00	33.01 -2.44 0.00	27.80 -9.96 82.01	25.18 -3.73 8.75	28.90 -3.56 0.00
PACKARD__115KV_DUPONT_184 80571	40.83 -3.35 0.00	36.81 -3.13 0.00	41.68 -3.07 0.00	32.25 -2.45 0.00	30.38 -2.11 0.00	42.52 -3.87 0.00	41.20 -4.79 4.34	40.79 -3.93 0.00	14.87 -2.79 17.13	29.50 -2.44 0.00	28.88 -2.19 0.00	32.38 -2.62 0.00	34.00 -2.65 0.00	29.28 -1.76 0.00	33.02 -2.43 0.00	27.86 -9.90 82.01	25.10 -3.81 8.75	28.90 -3.56 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	46.04 1.86 0.00	41.49 1.55 0.00	46.20 1.45 0.00	35.82 1.12 0.00	33.48 0.99 0.00	48.14 1.75 0.00	52.80 2.47 0.00	46.77 2.05 0.00	36.58 1.79 0.00	33.51 1.57 0.00	32.74 1.67 0.00	37.05 2.06 0.00	38.89 2.24 0.00	32.67 1.63 0.00	37.37 1.92 0.00	126.55 6.79 0.00	39.78 2.12 0.00	34.26 1.81 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	47.08 2.90 0.00	42.34 2.41 0.00	47.27 2.52 0.00	36.67 1.97 0.00	34.30 1.82 0.00	49.38 2.99 0.00	54.18 3.84 0.00	47.83 3.11 0.00	37.42 2.63 0.00	34.25 2.32 0.00	33.45 2.38 0.00	37.87 2.88 0.00	39.82 3.17 0.00	33.46 2.42 0.00	38.22 2.77 0.00	129.43 9.66 0.00	40.71 3.05 0.00	35.07 2.62 0.00
PATROON__115KV_TB1 80586	45.41 1.23 0.00	41.38 1.44 0.00	46.22 1.47 0.00	35.90 1.21 0.00	33.54 1.05 0.00	47.82 1.43 0.00	51.78 1.45 0.00	45.86 1.14 0.00	35.63 0.84 0.00	32.70 0.76 0.00	31.73 0.66 0.00	35.80 0.81 0.00	37.51 0.86 0.00	31.61 0.56 0.00	36.19 0.75 0.00	122.91 3.15 0.00	38.72 1.05 0.00	33.20 0.75 0.00
PATRSNVILLE__SOLAR 323815	45.64 1.46 0.00	41.24 1.31 0.00	46.19 1.44 0.00	35.81 1.11 0.00	33.51 1.03 0.00	48.03 1.64 0.00	52.25 1.92 0.00	46.24 1.52 0.00	35.66 0.87 0.00	32.40 0.46 0.00	31.43 0.36 0.00	35.51 0.52 0.00	37.23 0.58 0.00	31.53 0.48 0.00	35.99 0.55 0.00	122.26 2.50 0.00	38.61 0.95 0.00	33.39 0.93 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	41.76 -2.43 0.00	37.65 -2.28 0.00	42.61 -2.14 0.00	32.84 -1.86 0.00	30.97 -1.52 0.00	43.58 -2.81 0.00	41.88 -3.44 5.02	41.93 -2.79 0.00	13.01 -1.99 19.79	30.25 -1.69 0.00	29.72 -1.36 0.00	33.38 -1.61 0.00	35.03 -1.62 0.00	30.09 -0.95 0.00	33.92 -1.52 0.00	17.66 -7.08 95.03	24.83 -2.73 10.10	29.95 -2.52 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	46.11 1.93 0.00	41.60 1.66 0.00	46.38 1.62 0.00	35.94 1.25 0.00	33.63 1.14 0.00	48.34 1.95 0.00	52.95 2.61 0.00	46.91 2.19 0.00	36.51 1.72 0.00	33.47 1.53 0.00	32.71 1.64 0.00	36.99 2.00 0.00	38.77 2.12 0.00	32.62 1.58 0.00	37.31 1.86 0.00	126.29 6.52 0.00	39.72 2.05 0.00	34.21 1.75 0.00
PEEKSKILL___ 23653	45.82 1.63 0.00	41.33 1.39 0.00	46.06 1.31 0.00	35.71 1.02 0.00	33.38 0.90 0.00	47.97 1.58 0.00	52.55 2.22 0.00	46.56 1.84 0.00	36.28 1.49 0.00	33.26 1.32 0.00	32.53 1.46 0.00	36.81 1.82 0.00	38.57 1.92 0.00	32.42 1.38 0.00	37.10 1.65 0.00	125.57 5.80 0.00	39.51 1.85 0.00	34.00 1.55 0.00

PGE MADISON___WINDPWR 24146	46.06 1.88 0.00	41.80 1.86 0.00	46.82 2.07 0.00	36.13 1.43 0.00	34.01 1.52 0.00	49.21 2.83 0.00	54.77 3.56 -0.89	47.86 3.14 0.00	40.41 2.11 -3.50	33.62 1.68 0.00	32.46 1.39 0.00	37.00 2.01 0.00	38.42 1.77 0.00	32.38 1.34 0.00	36.90 1.45 0.00	142.25 5.69 -16.79	41.42 1.97 -1.79	34.24 1.79 0.00
PIERCEFIELD___HYD 23852	42.58 -1.60 0.00	38.47 -1.47 0.00	43.33 -1.42 0.00	33.63 -1.07 0.00	31.53 -0.95 0.00	45.08 -1.31 0.00	49.01 -1.32 0.00	43.80 -0.92 0.00	34.06 -0.73 0.00	31.30 -0.64 0.00	30.29 -0.79 0.00	34.04 -0.95 0.00	35.70 -0.95 0.00	30.39 -0.66 0.00	34.70 -0.74 0.00	116.87 -2.90 0.00	36.89 -0.77 0.00	31.84 -0.62 0.00
PINELAWN_CC_1 323563	47.68 2.59 -0.91	42.16 2.23 0.00	46.92 2.17 0.00	36.41 1.71 0.00	34.09 1.60 0.00	48.82 2.43 0.00	53.04 2.71 0.00	46.73 2.01 0.00	36.78 1.99 0.00	33.59 1.65 0.00	32.85 1.78 0.00	37.08 2.09 0.00	38.96 2.31 0.00	32.77 1.73 0.00	37.23 1.78 0.00	124.94 5.17 0.00	39.63 1.96 0.00	34.10 1.65 0.00
PJM_GEN_HTP_PROXY 323702	46.06 1.88 0.00	41.54 1.61 0.00	46.27 1.52 0.00	35.87 1.17 0.00	33.53 1.05 0.00	48.20 1.81 0.00	52.85 2.52 0.00	46.86 2.14 0.00	36.55 1.77 0.00	33.53 1.59 0.00	32.79 1.71 0.00	37.10 2.11 0.00	39.08 2.27 -0.16	32.25 1.61 0.39	37.38 1.94 0.00	126.34 6.79 0.22	39.82 2.15 0.00	47.86 1.81 -13.60
PJM_GEN_KEystone 24065	43.78 -0.40 0.00	39.46 -0.47 0.00	44.24 -0.51 0.00	34.16 -0.54 0.00	32.03 -0.45 0.00	45.72 -0.67 0.00	47.06 -0.65 2.63	44.18 -0.54 0.00	24.06 -0.38 10.36	31.68 -0.27 0.00	31.10 0.03 0.00	35.10 0.11 0.00	36.94 0.13 -0.16	30.75 0.10 0.39	35.40 -0.05 0.00	68.75 -1.07 49.95	31.85 -0.52 5.29	45.54 -0.51 -13.60
PJM_GEN_NEPTUNE_PROXY 323594	47.26 2.31 -0.77	41.93 1.99 0.00	46.67 1.92 0.00	36.20 1.50 0.00	33.88 1.40 0.00	48.52 2.14 0.00	52.75 2.42 0.00	46.50 1.78 0.00	36.60 1.81 0.00	33.52 1.58 0.00	32.83 1.76 0.00	37.09 2.10 0.00	39.11 2.29 -0.16	32.36 1.71 0.39	37.22 1.78 0.00	124.53 4.98 0.22	39.49 1.83 0.00	47.60 1.55 -13.60
PJM_GEN_VFT_PROXY 323633	46.03 1.85 0.00	41.50 1.57 0.00	46.22 1.47 0.00	35.83 1.13 0.00	33.49 1.01 0.00	48.14 1.75 0.00	52.79 2.46 0.00	46.82 2.10 0.00	36.51 1.72 0.00	33.49 1.56 0.00	32.74 1.67 0.00	37.08 2.09 0.00	39.04 2.23 -0.16	32.21 1.57 0.39	37.36 1.91 0.00	126.25 6.71 0.22	39.82 2.15 0.00	47.86 1.81 -13.60
PLATSBURG_115KV_PMLD1 355749	44.55 0.37 0.00	40.19 0.26 0.00	45.16 0.40 0.00	34.96 0.27 0.00	32.84 0.35 0.00	47.07 0.68 0.00	51.09 0.76 0.00	45.61 0.90 0.00	35.47 0.68 0.00	32.61 0.67 0.00	31.51 0.44 0.00	35.41 0.42 0.00	37.10 0.45 0.00	31.50 0.45 0.00	36.10 0.65 0.00	121.68 1.91 0.00	38.39 0.72 0.00	33.18 0.73 0.00
PLEASANTVLY___LBMP 24000	45.61 1.43 0.00	41.17 1.23 0.00	45.91 1.15 0.00	35.59 0.89 0.00	33.28 0.80 0.00	47.83 1.44 0.00	52.33 1.99 0.00	46.34 1.62 0.00	36.08 1.29 0.00	33.09 1.16 0.00	32.36 1.29 0.00	36.56 1.57 0.00	38.30 1.65 0.00	32.23 1.19 0.00	36.86 1.41 0.00	124.74 4.97 0.00	39.23 1.57 0.00	33.78 1.33 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	46.00 1.82 0.00	41.52 1.58 0.00	46.25 1.50 0.00	35.85 1.15 0.00	33.52 1.04 0.00	48.18 1.79 0.00	52.76 2.43 0.00	46.77 2.05 0.00	36.47 1.67 0.00	33.43 1.49 0.00	32.69 1.62 0.00	36.98 1.99 0.00	38.75 2.10 0.00	32.58 1.54 0.00	37.26 1.82 0.00	126.07 6.30 0.00	39.66 2.00 0.00	34.13 1.68 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	46.00 1.82 0.00	41.52 1.58 0.00	46.25 1.50 0.00	35.85 1.15 0.00	33.52 1.04 0.00	48.18 1.79 0.00	52.76 2.43 0.00	46.77 2.05 0.00	36.47 1.67 0.00	33.43 1.49 0.00	32.69 1.62 0.00	36.98 1.99 0.00	38.75 2.10 0.00	32.58 1.54 0.00	37.26 1.82 0.00	126.07 6.30 0.00	39.66 2.00 0.00	34.13 1.68 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	45.96 1.78 0.00	41.49 1.56 0.00	46.27 1.52 0.00	35.88 1.18 0.00	33.56 1.07 0.00	48.21 1.82 0.00	52.74 2.41 0.00	46.70 1.99 0.00	36.32 1.53 0.00	33.28 1.34 0.00	32.48 1.41 0.00	36.70 1.72 0.00	38.50 1.86 0.00	32.38 1.34 0.00	37.05 1.60 0.00	125.48 5.71 0.00	39.48 1.82 0.00	34.01 1.56 0.00
POLETTI___ 23519	46.02 1.83 0.00	41.50 1.57 0.00	46.21 1.46 0.00	35.83 1.13 0.00	33.50 1.02 0.00	48.14 1.75 0.00	52.80 2.47 0.00	46.81 2.09 0.00	36.52 1.73 0.00	33.49 1.56 0.00	32.74 1.66 0.00	37.05 2.06 0.00	38.87 2.22 0.00	32.58 1.54 0.00	37.34 1.90 0.00	126.43 6.66 0.00	39.78 2.12 0.00	34.23 1.78 0.00
POMONA___ESR 323819	45.88 1.70 0.00	41.38 1.44 0.00	46.12 1.36 0.00	35.76 1.07 0.00	33.42 0.93 0.00	48.01 1.62 0.00	52.61 2.27 0.00	46.62 1.90 0.00	36.30 1.51 0.00	33.28 1.34 0.00	32.57 1.49 0.00	36.88 1.90 0.00	38.63 1.98 0.00	32.46 1.42 0.00	37.13 1.69 0.00	125.70 5.93 0.00	39.55 1.89 0.00	34.00 1.55 0.00
PORT_JEFF_3 23555	47.67 2.67 -0.82	42.27 2.33 0.00	47.03 2.28 0.00	36.51 1.81 0.00	34.21 1.73 0.00	48.94 2.55 0.00	53.05 2.72 0.00	46.70 1.98 0.00	36.85 2.05 0.00	33.55 1.61 0.00	32.69 1.61 0.00	36.83 1.84 0.00	38.72 2.07 0.00	32.61 1.57 0.00	37.04 1.60 0.00	124.06 4.28 0.00	39.58 1.92 0.00	34.16 1.70 0.00

PORT_JEFF_4 23616	47.67 2.67 -0.82	42.27 2.33 0.00	47.03 2.28 0.00	36.51 1.81 0.00	34.21 1.73 0.00	48.94 2.55 0.00	53.05 2.72 0.00	46.70 1.98 0.00	36.85 2.05 0.00	33.55 1.61 0.00	32.69 1.61 0.00	36.83 1.84 0.00	38.72 2.07 0.00	32.61 1.57 0.00	37.04 1.60 0.00	124.06 4.28 0.00	39.58 1.92 0.00	34.16 1.70 0.00
PORT_JEFF_IC 23713	47.74 2.74 -0.82	42.32 2.39 0.00	47.08 2.33 0.00	36.56 1.86 0.00	34.25 1.76 0.00	48.99 2.60 0.00	53.11 2.78 0.00	46.76 2.04 0.00	36.90 2.11 0.00	33.58 1.64 0.00	33.76 1.63 -1.05	38.37 1.85 -1.54	39.23 2.08 -0.50	32.61 1.57 0.00	37.05 1.61 0.00	124.08 4.31 0.00	39.60 1.94 0.00	34.22 1.77 0.00
PPL_PILGRIM_ST_GT1 24216	47.76 2.74 -0.83	42.32 2.39 0.00	47.10 2.35 0.00	36.55 1.85 0.00	34.23 1.74 0.00	49.00 2.61 0.00	53.18 2.85 0.00	46.81 2.10 0.00	36.90 2.11 0.00	33.68 1.74 0.00	32.90 1.83 0.00	37.11 2.12 0.00	38.98 2.33 0.00	32.80 1.76 0.00	37.29 1.84 0.00	124.92 5.15 0.00	39.63 1.97 0.00	34.13 1.68 0.00
PPL_PILGRIM_ST_GT2 24217	47.76 2.74 -0.83	42.32 2.39 0.00	47.10 2.35 0.00	36.55 1.85 0.00	34.23 1.74 0.00	49.00 2.61 0.00	53.18 2.85 0.00	46.81 2.10 0.00	36.90 2.11 0.00	33.68 1.74 0.00	32.90 1.83 0.00	37.11 2.12 0.00	38.98 2.33 0.00	32.80 1.76 0.00	37.29 1.84 0.00	124.92 5.15 0.00	39.63 1.97 0.00	34.13 1.68 0.00
PPL_SHRM_GT3 24213	47.74 2.74 -0.82	42.33 2.40 0.00	47.10 2.35 0.00	36.56 1.86 0.00	34.28 1.79 0.00	49.05 2.66 0.00	53.02 2.68 0.00	46.63 1.91 0.00	36.86 2.07 0.00	33.35 1.41 0.00	29.91 1.23 2.39	32.88 1.38 3.49	37.12 1.61 1.14	32.28 1.23 0.00	36.69 1.25 0.00	122.88 3.11 0.00	39.44 1.77 0.00	34.25 1.80 0.00
PPL_SHRM_GT4 24214	47.74 2.74 -0.82	42.33 2.40 0.00	47.10 2.35 0.00	36.56 1.86 0.00	34.28 1.79 0.00	49.05 2.66 0.00	53.02 2.68 0.00	46.63 1.91 0.00	36.86 2.07 0.00	33.35 1.41 0.00	29.91 1.23 2.39	32.88 1.38 3.49	37.12 1.61 1.14	32.28 1.23 0.00	36.69 1.25 0.00	122.88 3.11 0.00	39.44 1.77 0.00	34.25 1.80 0.00
PROJECT___ORANGE 1 24174	43.59 -0.59 0.00	39.40 -0.54 0.00	44.16 -0.59 0.00	34.23 -0.47 0.00	32.06 -0.43 0.00	45.62 -0.77 0.00	49.43 -0.90 0.00	43.95 -0.77 0.00	34.22 -0.57 0.00	31.41 -0.52 0.00	30.62 -0.45 0.00	34.48 -0.51 0.00	36.12 -0.53 0.00	30.69 -0.36 0.00	34.97 -0.48 0.00	118.06 -1.71 0.00	37.09 -0.58 0.00	31.93 -0.52 0.00
PROJECT___ORANGE 2 24166	43.59 -0.59 0.00	39.40 -0.54 0.00	44.16 -0.59 0.00	34.23 -0.47 0.00	32.06 -0.43 0.00	45.62 -0.77 0.00	49.43 -0.90 0.00	43.95 -0.77 0.00	34.22 -0.57 0.00	31.41 -0.52 0.00	30.62 -0.45 0.00	34.48 -0.51 0.00	36.12 -0.53 0.00	30.69 -0.36 0.00	34.97 -0.48 0.00	118.06 -1.71 0.00	37.09 -0.58 0.00	31.93 -0.52 0.00
PUCKETT___SOLAR 323809	44.67 0.49 0.00	40.37 0.43 0.00	45.23 0.48 0.00	35.01 0.31 0.00	32.82 0.34 0.00	47.01 0.62 0.00	54.89 0.83 -3.73	45.41 0.70 0.00	49.92 0.41 -14.72	32.28 0.34 0.00	31.50 0.42 0.00	35.51 0.51 0.00	37.17 0.53 0.00	31.52 0.47 0.00	35.90 0.46 0.00	191.74 1.31 -70.66	45.52 0.34 -7.52	32.74 0.29 0.00
PYRITES___HYD 24023	43.66 -0.52 0.00	39.41 -0.53 0.00	44.38 -0.37 0.00	34.44 -0.26 0.00	32.34 -0.15 0.00	46.24 -0.14 0.00	50.21 -0.12 0.00	44.80 0.08 0.00	34.80 0.01 0.00	31.97 0.04 0.00	30.91 -0.17 0.00	34.64 -0.35 0.00	36.22 -0.42 0.00	30.94 -0.10 0.00	35.39 -0.06 0.00	118.70 -1.07 0.00	37.57 -0.09 0.00	32.52 0.07 0.00
QUAKERRD_115KV_BK1 80622	42.25 -1.94 0.00	38.11 -1.82 0.00	42.84 -1.91 0.00	33.18 -1.52 0.00	31.15 -1.34 0.00	44.18 -2.20 0.00	45.51 -2.55 2.27	42.65 -2.07 0.00	24.29 -1.54 8.96	30.56 -1.37 0.00	29.82 -1.26 0.00	33.56 -1.43 0.00	35.17 -1.48 0.00	30.05 -1.00 0.00	34.16 -1.29 0.00	71.66 -5.10 43.01	31.30 -1.78 4.58	30.90 -1.55 0.00
QUENSBRY_115KV_TB8 356137	46.56 2.38 0.00	42.13 2.20 0.00	47.26 2.51 0.00	36.65 1.95 0.00	34.20 1.71 0.00	49.32 2.93 0.00	53.62 3.29 0.00	47.43 2.71 0.00	36.64 1.85 0.00	33.38 1.44 0.00	32.08 1.01 0.00	35.92 0.93 0.00	37.60 0.96 0.00	31.83 0.79 0.00	36.60 1.15 0.00	125.12 5.35 0.00	39.45 1.78 0.00	34.32 1.87 0.00
RAMAPO___LBMP 323565	45.71 1.53 0.00	41.24 1.30 0.00	45.96 1.21 0.00	35.63 0.93 0.00	33.30 0.82 0.00	47.85 1.46 0.00	52.96 2.10 -0.53	46.45 1.73 0.00	38.26 1.37 -2.10	33.15 1.21 0.00	32.44 1.37 0.00	36.73 1.74 0.00	38.47 1.82 0.00	32.35 1.31 0.00	37.02 1.57 0.00	135.38 5.54 -10.07	40.47 1.73 -1.07	33.91 1.45 0.00
RANKINE____ 23646	41.87 -2.31 0.00	37.77 -2.17 0.00	42.75 -2.00 0.00	32.98 -1.72 0.00	31.09 -1.39 0.00	43.75 -2.64 0.00	42.11 -3.34 4.88	42.07 -2.65 0.00	13.66 -1.89 19.25	30.35 -1.59 0.00	29.79 -1.28 0.00	33.46 -1.53 0.00	35.13 -1.52 0.00	30.20 -0.84 0.00	34.05 -1.40 0.00	20.53 -6.81 92.43	25.12 -2.72 9.83	29.97 -2.48 0.00
RAVENSWOOD_GT2_1 24244	46.03 1.85 0.00	41.51 1.58 0.00	46.23 1.48 0.00	35.84 1.14 0.00	33.51 1.02 0.00	48.16 1.78 0.00	52.81 2.47 0.00	46.82 2.10 0.00	36.53 1.74 0.00	33.51 1.57 0.00	32.75 1.68 0.00	37.06 2.07 0.00	38.88 2.24 0.00	32.60 1.56 0.00	37.35 1.90 0.00	126.45 6.68 0.00	39.79 2.13 0.00	34.26 1.81 0.00

RAVENSWOOD_GT2_2 24245	46.03 1.85 0.00	41.51 1.58 0.00	46.23 1.48 0.00	35.84 1.14 0.00	33.51 1.02 0.00	48.16 1.78 0.00	52.81 2.47 0.00	46.82 2.10 0.00	36.53 1.74 0.00	33.51 1.57 0.00	32.75 1.68 0.00	37.06 2.07 0.00	38.88 2.24 0.00	32.60 1.56 0.00	37.35 1.90 0.00	126.45 6.68 0.00	39.79 2.13 0.00	34.26 1.81 0.00
RAVENSWOOD_GT2_3 24246	46.05 1.87 0.00	41.53 1.60 0.00	46.25 1.50 0.00	35.86 1.16 0.00	33.52 1.04 0.00	48.18 1.80 0.00	52.83 2.49 0.00	46.84 2.12 0.00	36.55 1.76 0.00	33.52 1.58 0.00	32.77 1.69 0.00	37.09 2.10 0.00	38.91 2.26 0.00	32.62 1.57 0.00	37.37 1.92 0.00	126.55 6.78 0.00	39.81 2.14 0.00	34.26 1.81 0.00
RAVENSWOOD_GT2_4 24247	46.05 1.87 0.00	41.53 1.60 0.00	46.25 1.50 0.00	35.86 1.16 0.00	33.52 1.04 0.00	48.18 1.80 0.00	52.83 2.49 0.00	46.84 2.12 0.00	36.55 1.76 0.00	33.52 1.58 0.00	32.77 1.69 0.00	37.09 2.10 0.00	38.91 2.26 0.00	32.62 1.57 0.00	37.37 1.92 0.00	126.55 6.78 0.00	39.81 2.14 0.00	34.26 1.81 0.00
RAVENSWOOD_GT3_1 24248	46.06 1.87 0.00	41.54 1.60 0.00	46.25 1.50 0.00	35.87 1.17 0.00	33.53 1.05 0.00	48.18 1.80 0.00	52.83 2.50 0.00	46.84 2.12 0.00	36.56 1.77 0.00	33.52 1.59 0.00	32.78 1.71 0.00	37.09 2.10 0.00	38.92 2.27 0.00	32.64 1.60 0.00	37.38 1.94 0.00	126.56 6.79 0.00	39.80 2.14 0.00	34.26 1.81 0.00
RAVENSWOOD_GT3_2 24249	46.06 1.87 0.00	41.54 1.60 0.00	46.25 1.50 0.00	35.87 1.17 0.00	33.53 1.05 0.00	48.18 1.80 0.00	52.83 2.50 0.00	46.84 2.12 0.00	36.56 1.77 0.00	33.52 1.59 0.00	32.78 1.71 0.00	37.09 2.10 0.00	38.92 2.27 0.00	32.64 1.60 0.00	37.38 1.94 0.00	126.56 6.79 0.00	39.80 2.14 0.00	34.26 1.81 0.00
RAVENSWOOD_GT3_3 24250	46.12 1.93 0.00	41.59 1.65 0.00	46.31 1.55 0.00	35.90 1.20 0.00	33.56 1.08 0.00	48.24 1.86 0.00	52.91 2.57 0.00	46.91 2.19 0.00	36.60 1.81 0.00	33.58 1.64 0.00	32.83 1.75 0.00	37.15 2.16 0.00	38.96 2.31 0.00	32.69 1.64 0.00	37.43 1.98 0.00	126.71 6.94 0.00	39.87 2.20 0.00	34.33 1.88 0.00
RAVENSWOOD_GT3_4 24251	46.12 1.93 0.00	41.59 1.65 0.00	46.31 1.55 0.00	35.90 1.20 0.00	33.56 1.08 0.00	48.24 1.86 0.00	52.91 2.57 0.00	46.91 2.19 0.00	36.60 1.81 0.00	33.58 1.64 0.00	32.83 1.75 0.00	37.15 2.16 0.00	38.96 2.31 0.00	32.69 1.64 0.00	37.43 1.98 0.00	126.71 6.94 0.00	39.87 2.20 0.00	34.33 1.88 0.00
RAVENSWOOD_GT_1 23729	46.06 1.88 0.00	41.55 1.62 0.00	46.27 1.52 0.00	35.88 1.18 0.00	33.54 1.06 0.00	48.22 1.83 0.00	52.86 2.53 0.00	46.87 2.15 0.00	36.62 1.83 0.00	33.58 1.65 0.00	32.83 1.75 0.00	37.16 2.17 0.00	38.99 2.34 0.00	32.70 1.65 0.00	37.46 2.02 0.00	126.80 7.03 0.00	39.85 2.19 0.00	34.33 1.88 0.00
RAVENSWOOD_GT_10 24258	46.03 1.85 0.00	41.51 1.58 0.00	46.23 1.48 0.00	35.84 1.14 0.00	33.51 1.02 0.00	48.16 1.78 0.00	52.81 2.47 0.00	46.82 2.10 0.00	36.53 1.74 0.00	33.50 1.56 0.00	32.75 1.68 0.00	37.06 2.07 0.00	38.88 2.23 0.00	32.60 1.56 0.00	37.35 1.90 0.00	126.44 6.66 0.00	39.79 2.13 0.00	34.23 1.78 0.00
RAVENSWOOD_GT_11 24259	46.03 1.85 0.00	41.51 1.58 0.00	46.23 1.48 0.00	35.84 1.14 0.00	33.51 1.02 0.00	48.16 1.78 0.00	52.81 2.47 0.00	46.82 2.10 0.00	36.53 1.74 0.00	33.50 1.56 0.00	32.75 1.68 0.00	37.06 2.07 0.00	38.88 2.23 0.00	32.60 1.56 0.00	37.35 1.90 0.00	126.44 6.66 0.00	39.79 2.13 0.00	34.23 1.78 0.00
RAVENSWOOD_GT_4 24252	46.04 1.86 0.00	41.52 1.59 0.00	46.24 1.49 0.00	35.85 1.15 0.00	33.51 1.03 0.00	48.18 1.80 0.00	52.81 2.48 0.00	46.84 2.12 0.00	36.56 1.77 0.00	33.53 1.59 0.00	32.78 1.71 0.00	37.10 2.11 0.00	38.92 2.27 0.00	32.64 1.60 0.00	37.39 1.94 0.00	126.57 6.80 0.00	39.81 2.15 0.00	34.26 1.81 0.00
RAVENSWOOD_GT_5 24254	46.04 1.86 0.00	41.52 1.59 0.00	46.24 1.49 0.00	35.85 1.15 0.00	33.51 1.03 0.00	48.18 1.80 0.00	52.81 2.48 0.00	46.84 2.12 0.00	36.56 1.77 0.00	33.53 1.59 0.00	32.78 1.71 0.00	37.10 2.11 0.00	38.92 2.27 0.00	32.64 1.60 0.00	37.39 1.94 0.00	126.57 6.80 0.00	39.81 2.15 0.00	34.26 1.81 0.00
RAVENSWOOD_GT_6 24253	46.04 1.86 0.00	41.52 1.59 0.00	46.24 1.49 0.00	35.85 1.15 0.00	33.51 1.03 0.00	48.18 1.80 0.00	52.81 2.48 0.00	46.84 2.12 0.00	36.56 1.77 0.00	33.53 1.59 0.00	32.78 1.71 0.00	37.10 2.11 0.00	38.92 2.27 0.00	32.64 1.60 0.00	37.39 1.94 0.00	126.57 6.80 0.00	39.81 2.15 0.00	34.26 1.81 0.00
RAVENSWOOD_GT_7 24255	46.04 1.86 0.00	41.52 1.59 0.00	46.24 1.49 0.00	35.85 1.15 0.00	33.51 1.03 0.00	48.18 1.80 0.00	52.81 2.48 0.00	46.84 2.12 0.00	36.56 1.77 0.00	33.53 1.59 0.00	32.78 1.71 0.00	37.10 2.11 0.00	38.92 2.27 0.00	32.64 1.60 0.00	37.39 1.94 0.00	126.57 6.80 0.00	39.81 2.15 0.00	34.26 1.81 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	46.03 1.85 0.00	41.51 1.58 0.00	46.23 1.48 0.00	35.84 1.14 0.00	33.51 1.02 0.00	48.16 1.78 0.00	52.81 2.47 0.00	46.82 2.10 0.00	36.53 1.74 0.00	33.50 1.56 0.00	32.75 1.68 0.00	37.06 2.07 0.00	38.88 2.23 0.00	32.60 1.56 0.00	37.35 1.90 0.00	126.44 6.66 0.00	39.79 2.13 0.00	34.23 1.78 0.00

RAVENSWOOD_GT_9 24257	46.03 1.85 0.00	41.51 1.58 0.00	46.23 1.48 0.00	35.84 1.14 0.00	33.51 1.02 0.00	48.16 1.78 0.00	52.81 2.47 0.00	46.82 2.10 0.00	36.53 1.74 0.00	33.50 1.56 0.00	32.75 1.68 0.00	37.06 2.07 0.00	38.88 2.23 0.00	32.60 1.56 0.00	37.35 1.90 0.00	126.44 6.66 0.00	39.79 2.13 0.00	34.23 1.78 0.00
RAVENSWOOD___1 23533	46.06 1.88 0.00	41.54 1.60 0.00	46.26 1.51 0.00	35.86 1.17 0.00	33.52 1.04 0.00	48.19 1.80 0.00	52.84 2.50 0.00	46.86 2.14 0.00	36.60 1.81 0.00	33.58 1.64 0.00	32.82 1.74 0.00	37.15 2.16 0.00	38.97 2.33 0.00	32.69 1.65 0.00	37.43 1.99 0.00	126.72 6.95 0.00	39.86 2.19 0.00	34.30 1.84 0.00
RAVENSWOOD___2 23534	46.03 1.85 0.00	41.53 1.59 0.00	46.24 1.49 0.00	35.85 1.15 0.00	33.51 1.03 0.00	48.18 1.80 0.00	52.81 2.48 0.00	46.84 2.13 0.00	36.59 1.80 0.00	33.56 1.62 0.00	32.80 1.73 0.00	37.13 2.14 0.00	38.95 2.31 0.00	32.67 1.63 0.00	37.43 1.98 0.00	126.70 6.93 0.00	39.84 2.18 0.00	34.30 1.84 0.00
RAVENSWOOD___3 23535	46.04 1.86 0.00	41.53 1.59 0.00	46.25 1.50 0.00	35.85 1.15 0.00	33.52 1.03 0.00	48.18 1.80 0.00	52.81 2.48 0.00	46.83 2.11 0.00	36.54 1.76 0.00	33.52 1.58 0.00	32.76 1.69 0.00	37.08 2.09 0.00	38.90 2.25 0.00	32.61 1.57 0.00	37.36 1.91 0.00	126.47 6.70 0.00	39.81 2.15 0.00	34.26 1.81 0.00
RAVENSWOOD___4 23820	46.03 1.85 0.00	41.53 1.59 0.00	46.24 1.49 0.00	35.85 1.15 0.00	33.51 1.03 0.00	48.18 1.80 0.00	52.81 2.48 0.00	46.84 2.13 0.00	36.59 1.80 0.00	33.56 1.62 0.00	32.80 1.73 0.00	37.13 2.14 0.00	38.95 2.31 0.00	32.67 1.63 0.00	37.43 1.98 0.00	126.70 6.93 0.00	39.84 2.18 0.00	34.30 1.84 0.00
RCPI_TRUST___DRP 24196	46.07 1.89 0.00	41.55 1.61 0.00	46.28 1.53 0.00	35.87 1.18 0.00	33.54 1.05 0.00	48.21 1.82 0.00	52.86 2.53 0.00	46.86 2.15 0.00	36.57 1.78 0.00	33.54 1.61 0.00	32.79 1.72 0.00	37.12 2.13 0.00	38.92 2.27 0.00	32.66 1.62 0.00	37.40 1.95 0.00	126.59 6.82 0.00	39.83 2.17 0.00	34.26 1.81 0.00
RED___ROCHESTER 323720	43.41 -0.77 0.00	39.12 -0.81 0.00	44.02 -0.73 0.00	34.07 -0.63 0.00	32.00 -0.48 0.00	45.35 -1.04 0.00	46.49 -1.29 2.55	43.84 -0.88 0.00	24.13 -0.59 10.07	31.44 -0.50 0.00	30.72 -0.35 0.00	34.57 -0.42 0.00	36.23 -0.41 0.00	31.04 0.00 0.00	35.24 -0.20 0.00	69.68 -1.74 48.35	31.66 -0.86 5.14	31.72 -0.74 0.00
REGAN___SOLAR 323812	46.34 2.15 0.00	41.83 1.90 0.00	46.89 2.14 0.00	36.36 1.66 0.00	34.03 1.54 0.00	48.79 2.41 0.00	53.17 2.84 0.00	46.99 2.27 0.00	35.59 0.80 0.00	31.67 -0.27 0.00	30.68 -0.39 0.00	35.30 0.31 0.00	37.10 0.45 0.00	31.39 0.35 0.00	35.74 0.29 0.00	121.88 2.12 0.00	38.94 1.27 0.00	33.80 1.34 0.00
RENSSELAER___COGEN 23796	45.29 1.10 0.00	41.20 1.27 0.00	46.04 1.29 0.00	35.74 1.04 0.00	33.39 0.90 0.00	47.69 1.30 0.00	51.68 1.35 0.00	45.75 1.03 0.00	35.54 0.75 0.00	32.62 0.68 0.00	31.66 0.59 0.00	35.63 0.64 0.00	37.30 0.65 0.00	31.45 0.41 0.00	36.00 0.55 0.00	122.21 2.44 0.00	38.47 0.81 0.00	33.00 0.55 0.00
REPUBLIC_115KV_BARTNBRK 55605	48.15 3.97 0.00	43.53 3.60 0.00	49.02 4.27 0.00	38.20 3.50 0.00	35.64 3.15 0.00	51.79 5.40 0.00	56.63 6.30 0.00	49.86 5.14 0.00	38.30 3.51 0.00	34.72 2.78 0.00	33.09 2.02 0.00	36.62 1.63 0.00	38.21 1.57 0.00	32.33 1.29 0.00	37.59 2.14 0.00	129.93 10.16 0.00	40.81 3.15 0.00	35.99 3.54 0.00
REVERE_CPPR_DRP 24186	45.14 0.96 0.00	40.83 0.90 0.00	45.91 1.16 0.00	35.60 0.90 0.00	33.39 0.90 0.00	47.75 1.36 0.00	52.05 1.72 0.00	46.35 1.63 0.00	36.04 1.25 0.00	33.01 1.07 0.00	31.75 0.68 0.00	35.94 0.95 0.00	37.65 1.00 0.00	32.07 1.03 0.00	36.81 1.37 0.00	124.87 5.10 0.00	39.28 1.62 0.00	33.82 1.37 0.00
REYNLDPA_13_KV_LD 356490	44.29 0.11 0.00	39.98 0.05 0.00	44.97 0.22 0.00	34.81 0.12 0.00	32.63 0.15 0.00	46.61 0.22 0.00	50.44 0.11 0.00	44.97 0.25 0.00	34.95 0.16 0.00	32.21 0.27 0.00	31.27 0.20 0.00	35.15 0.16 0.00	36.85 0.20 0.00	31.29 0.25 0.00	35.71 0.26 0.00	119.97 0.20 0.00	37.94 0.28 0.00	32.80 0.35 0.00
REYNOLDS_115KV_TB3 80639	45.54 1.35 0.00	41.34 1.41 0.00	46.22 1.46 0.00	35.85 1.15 0.00	33.52 1.03 0.00	47.96 1.58 0.00	52.00 1.67 0.00	46.03 1.31 0.00	35.75 0.96 0.00	32.83 0.89 0.00	31.87 0.80 0.00	35.88 0.89 0.00	37.54 0.89 0.00	31.65 0.61 0.00	36.25 0.80 0.00	123.14 3.37 0.00	38.74 1.08 0.00	33.26 0.81 0.00
RIVERBAY____ 323610	47.08 2.90 0.00	42.34 2.41 0.00	47.27 2.52 0.00	36.67 1.97 0.00	34.30 1.82 0.00	49.38 2.99 0.00	54.18 3.84 0.00	47.83 3.11 0.00	37.42 2.63 0.00	34.25 2.32 0.00	33.45 2.38 0.00	37.87 2.88 0.00	39.82 3.17 0.00	33.46 2.42 0.00	38.22 2.77 0.00	129.43 9.66 0.00	40.71 3.05 0.00	35.07 2.62 0.00
RIVERSDE_115KV_TB3 55908	45.42 1.24 0.00	41.29 1.36 0.00	46.15 1.40 0.00	35.82 1.12 0.00	33.48 0.99 0.00	47.85 1.46 0.00	51.85 1.52 0.00	45.91 1.19 0.00	35.67 0.87 0.00	32.74 0.80 0.00	31.78 0.70 0.00	35.81 0.82 0.00	37.48 0.84 0.00	31.60 0.56 0.00	36.19 0.74 0.00	122.91 3.14 0.00	38.68 1.02 0.00	33.20 0.75 0.00

ROARING___BROOK_WT_PWR 323790	43.42 -0.76 0.00	39.38 -0.56 0.00	44.28 -0.47 0.00	34.38 -0.32 0.00	32.15 -0.33 0.00	45.87 -0.52 0.00	49.92 -0.41 0.00	44.39 -0.33 0.00	34.67 -0.12 0.00	31.85 -0.09 0.00	31.01 -0.05 0.00	34.94 -0.06 0.00	36.52 -0.13 0.00	30.88 -0.16 0.00	35.38 -0.06 0.00	119.44 -0.33 0.00	37.61 -0.05 0.00	32.42 -0.03 0.00
ROCHESRG_115KV_T4 355643	42.94 -1.25 0.00	38.71 -1.22 0.00	43.57 -1.18 0.00	33.72 -0.97 0.00	31.68 -0.81 0.00	44.87 -1.52 0.00	45.98 -1.86 2.49	43.28 -1.44 0.00	23.96 -1.03 9.80	31.04 -0.90 0.00	30.32 -0.75 0.00	34.11 -0.88 0.00	35.76 -0.89 0.00	30.61 -0.43 0.00	34.74 -0.70 0.00	69.33 -3.39 47.05	31.34 -1.32 5.00	31.29 -1.16 0.00
ROCHESTER_9_IC 23652	43.24 -0.94 0.00	38.99 -0.95 0.00	43.85 -0.90 0.00	33.95 -0.75 0.00	31.90 -0.59 0.00	45.19 -1.20 0.00	46.30 -1.48 2.56	43.64 -1.08 0.00	23.97 -0.74 10.08	31.30 -0.64 0.00	30.58 -0.49 0.00	34.41 -0.58 0.00	36.07 -0.58 0.00	30.89 -0.15 0.00	35.06 -0.39 0.00	69.05 -2.32 48.39	31.51 -1.00 5.15	31.55 -0.90 0.00
ROCKVIEW_13_KV_LD 356306	46.11 1.93 0.00	41.59 1.66 0.00	46.35 1.60 0.00	35.93 1.24 0.00	33.60 1.12 0.00	48.28 1.90 0.00	52.90 2.57 0.00	46.88 2.16 0.00	36.54 1.75 0.00	33.51 1.57 0.00	32.77 1.69 0.00	37.08 2.09 0.00	38.86 2.21 0.00	32.65 1.61 0.00	37.36 1.92 0.00	126.40 6.63 0.00	39.77 2.11 0.00	34.23 1.78 0.00
ROME____115KV_TB2 80656	45.14 0.96 0.00	40.83 0.90 0.00	45.91 1.16 0.00	35.60 0.90 0.00	33.39 0.90 0.00	47.75 1.36 0.00	52.05 1.72 0.00	46.35 1.63 0.00	36.04 1.25 0.00	33.01 1.07 0.00	31.75 0.68 0.00	35.94 0.95 0.00	37.65 1.00 0.00	32.07 1.03 0.00	36.81 1.37 0.00	124.87 5.10 0.00	39.28 1.62 0.00	33.82 1.37 0.00
ROSETON___1 23587	45.59 1.40 0.00	41.16 1.22 0.00	45.89 1.14 0.00	35.58 0.88 0.00	33.27 0.79 0.00	47.80 1.41 0.00	52.29 1.96 0.00	46.30 1.58 0.00	36.05 1.26 0.00	33.07 1.13 0.00	32.32 1.25 0.00	36.54 1.55 0.00	38.28 1.63 0.00	32.21 1.16 0.00	36.83 1.38 0.00	124.71 4.94 0.00	39.22 1.56 0.00	33.75 1.30 0.00
ROSETON___2 23588	45.59 1.40 0.00	41.16 1.22 0.00	45.89 1.14 0.00	35.58 0.88 0.00	33.27 0.79 0.00	47.80 1.41 0.00	52.29 1.96 0.00	46.30 1.58 0.00	36.05 1.26 0.00	33.07 1.13 0.00	32.32 1.25 0.00	36.54 1.55 0.00	38.28 1.63 0.00	32.21 1.16 0.00	36.83 1.38 0.00	124.71 4.94 0.00	39.22 1.56 0.00	33.75 1.30 0.00
ROTTRDAM_115KV_TB3 80664	45.31 1.13 0.00	40.97 1.04 0.00	45.85 1.10 0.00	35.55 0.86 0.00	33.26 0.77 0.00	47.66 1.27 0.00	51.81 1.48 0.00	45.90 1.18 0.00	35.61 0.81 0.00	32.59 0.65 0.00	31.66 0.59 0.00	35.67 0.68 0.00	37.35 0.71 0.00	31.58 0.53 0.00	36.11 0.66 0.00	122.53 2.76 0.00	38.55 0.89 0.00	33.26 0.80 0.00
RUSSELL___1 23602	43.41 -0.78 0.00	39.13 -0.81 0.00	44.02 -0.73 0.00	34.07 -0.63 0.00	32.00 -0.48 0.00	45.36 -1.03 0.00	46.50 -1.28 2.55	43.84 -0.88 0.00	24.14 -0.58 10.07	31.44 -0.50 0.00	30.72 -0.35 0.00	34.57 -0.42 0.00	36.23 -0.41 0.00	31.05 0.00 0.00	35.23 -0.22 0.00	69.62 -1.79 48.35	31.70 -0.82 5.14	31.71 -0.74 0.00
RUSSELL___2 23532	43.41 -0.78 0.00	39.13 -0.81 0.00	44.02 -0.73 0.00	34.07 -0.63 0.00	32.00 -0.48 0.00	45.36 -1.03 0.00	46.50 -1.28 2.55	43.84 -0.88 0.00	24.14 -0.58 10.07	31.44 -0.50 0.00	30.72 -0.35 0.00	34.57 -0.42 0.00	36.23 -0.41 0.00	31.05 0.00 0.00	35.23 -0.22 0.00	69.62 -1.79 48.35	31.70 -0.82 5.14	31.71 -0.74 0.00
RUSSELL___3 23549	43.41 -0.78 0.00	39.13 -0.81 0.00	44.02 -0.73 0.00	34.07 -0.63 0.00	32.00 -0.48 0.00	45.36 -1.03 0.00	46.50 -1.28 2.55	43.84 -0.88 0.00	24.14 -0.58 10.07	31.44 -0.50 0.00	30.72 -0.35 0.00	34.57 -0.42 0.00	36.23 -0.41 0.00	31.05 0.00 0.00	35.23 -0.22 0.00	69.62 -1.79 48.35	31.70 -0.82 5.14	31.71 -0.74 0.00
RUSSELL___4 23556	43.41 -0.78 0.00	39.13 -0.81 0.00	44.02 -0.73 0.00	34.07 -0.63 0.00	32.00 -0.48 0.00	45.36 -1.03 0.00	46.50 -1.28 2.55	43.84 -0.88 0.00	24.14 -0.58 10.07	31.44 -0.50 0.00	30.72 -0.35 0.00	34.57 -0.42 0.00	36.23 -0.41 0.00	31.05 0.00 0.00	35.23 -0.22 0.00	69.62 -1.79 48.35	31.70 -0.82 5.14	31.71 -0.74 0.00
RUSSELL___STATION 23914	43.41 -0.78 0.00	39.13 -0.81 0.00	44.02 -0.73 0.00	34.07 -0.63 0.00	32.00 -0.48 0.00	45.36 -1.03 0.00	46.50 -1.28 2.55	43.84 -0.88 0.00	24.14 -0.58 10.07	31.44 -0.50 0.00	30.72 -0.35 0.00	34.57 -0.42 0.00	36.23 -0.41 0.00	31.05 0.00 0.00	35.23 -0.22 0.00	69.62 -1.79 48.35	31.70 -0.82 5.14	31.71 -0.74 0.00
S SALMON___HYD 24043	42.25 -1.93 0.00	38.39 -1.54 0.00	43.48 -1.27 0.00	33.88 -0.82 0.00	31.74 -0.75 0.00	45.10 -1.29 0.00	49.40 -0.93 0.00	44.23 -0.49 0.00	34.50 -0.29 0.00	31.65 -0.30 0.00	30.75 -0.32 0.00	34.78 -0.21 0.00	36.30 -0.35 0.00	31.08 0.03 0.00	35.21 -0.23 0.00	120.03 0.25 0.00	37.69 0.03 0.00	32.55 0.10 0.00
S.PERRY__115KV_TB1 80734	44.03 -0.15 0.00	39.71 -0.23 0.00	44.79 0.03 0.00	34.55 -0.15 0.00	32.56 0.07 0.00	46.25 -0.14 0.00	44.95 -0.16 5.23	44.20 -0.52 0.00	13.22 -0.96 20.61	30.66 -1.28 0.00	30.06 -1.01 0.00	33.92 -1.07 0.00	35.90 -0.75 0.00	32.14 1.09 0.00	35.95 0.50 0.00	19.95 -0.87 98.94	26.68 -0.46 10.52	32.14 -0.33 0.00

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	41.56 -2.63 0.00	37.46 -2.48 0.00	42.41 -2.34 0.00	32.76 -1.94 0.00	30.88 -1.61 0.00	43.35 -3.04 0.00	41.90 -3.82 4.61	41.64 -3.08 0.00	14.41 -2.18 18.19	30.07 -1.87 0.00	29.49 -1.58 0.00	33.10 -1.90 0.00	34.75 -1.90 0.00	29.90 -1.15 0.00	33.70 -1.75 0.00	24.58 -7.86 87.33	25.32 -3.05 9.29	29.68 -2.78 0.00
SAWYER__23_KV_LOAD 55526	41.56 -2.63 0.00	37.46 -2.48 0.00	42.41 -2.34 0.00	32.76 -1.94 0.00	30.88 -1.61 0.00	43.35 -3.04 0.00	41.90 -3.82 4.61	41.64 -3.08 0.00	14.41 -2.18 18.19	30.07 -1.87 0.00	29.49 -1.58 0.00	33.10 -1.90 0.00	34.75 -1.90 0.00	29.90 -1.15 0.00	33.70 -1.75 0.00	24.58 -7.86 87.33	25.32 -3.05 9.29	29.68 -2.78 0.00
SELKIRK__I 23801	45.45 1.26 0.00	41.26 1.32 0.00	46.13 1.38 0.00	35.80 1.11 0.00	33.47 0.98 0.00	47.83 1.44 0.00	51.87 1.54 0.00	45.90 1.18 0.00	35.64 0.85 0.00	32.68 0.74 0.00	31.72 0.65 0.00	35.74 0.75 0.00	37.48 0.83 0.00	31.59 0.54 0.00	36.14 0.70 0.00	122.53 2.76 0.00	38.60 0.94 0.00	33.20 0.75 0.00
SELKIRK__II 23799	45.22 1.04 0.00	41.05 1.12 0.00	45.89 1.14 0.00	35.61 0.91 0.00	33.29 0.80 0.00	47.59 1.20 0.00	51.62 1.29 0.00	45.73 1.01 0.00	35.54 0.75 0.00	32.62 0.67 0.00	31.69 0.62 0.00	35.70 0.71 0.00	37.38 0.73 0.00	31.53 0.48 0.00	36.07 0.62 0.00	122.35 2.59 0.00	38.49 0.82 0.00	33.07 0.62 0.00
SENECA OSWGO__HYD 24041	42.83 -1.36 0.00	38.72 -1.22 0.00	43.40 -1.35 0.00	33.65 -1.05 0.00	31.50 -0.99 0.00	44.81 -1.59 0.00	48.52 -1.81 0.00	43.17 -1.55 0.00	33.61 -1.18 0.00	30.85 -1.09 0.00	30.07 -1.01 0.00	33.83 -1.16 0.00	35.43 -1.22 0.00	30.10 -0.95 0.00	34.29 -1.16 0.00	115.82 -3.95 0.00	36.43 -1.24 0.00	31.38 -1.07 0.00
SENECA__115KV_TB3 355854	41.92 -2.26 0.00	37.82 -2.12 0.00	42.81 -1.94 0.00	33.03 -1.67 0.00	31.14 -1.34 0.00	43.81 -2.58 0.00	42.15 -3.30 4.88	42.13 -2.59 0.00	13.71 -1.84 19.25	30.40 -1.54 0.00	29.84 -1.23 0.00	33.52 -1.47 0.00	35.19 -1.46 0.00	30.25 -0.79 0.00	34.12 -1.33 0.00	20.74 -6.59 92.43	25.11 -2.73 9.83	30.01 -2.45 0.00
SENECA__ENERGY 23797	43.21 -0.97 0.00	39.10 -0.84 0.00	43.83 -0.92 0.00	33.90 -0.80 0.00	31.81 -0.67 0.00	45.36 -1.03 0.00	47.23 -1.18 1.92	43.78 -0.94 0.00	26.45 -0.76 7.58	31.29 -0.65 0.00	30.53 -0.54 0.00	34.33 -0.66 0.00	35.96 -0.69 0.00	30.59 -0.45 0.00	34.89 -0.56 0.00	80.97 -2.42 36.37	32.91 -0.89 3.87	31.65 -0.80 0.00
SHOEMAKER__GT 23640	45.52 1.34 0.00	41.10 1.16 0.00	45.82 1.06 0.00	35.54 0.84 0.00	33.23 0.75 0.00	47.71 1.32 0.00	52.76 1.86 -0.56	46.22 1.50 0.00	38.17 1.16 -2.23	32.94 1.00 0.00	32.18 1.11 0.00	36.43 1.44 0.00	38.18 1.53 0.00	32.13 1.09 0.00	36.75 1.31 0.00	135.19 4.72 -10.70	40.29 1.49 -1.14	33.69 1.23 0.00
SHOEMAKR_138KV_BK 111 55601	45.51 1.33 0.00	41.08 1.15 0.00	45.81 1.05 0.00	35.53 0.83 0.00	33.23 0.74 0.00	47.70 1.31 0.00	52.75 1.85 -0.57	46.21 1.49 0.00	38.20 1.16 -2.25	32.95 1.01 0.00	32.20 1.13 0.00	36.44 1.45 0.00	38.18 1.53 0.00	32.14 1.09 0.00	36.77 1.32 0.00	135.27 4.72 -10.78	40.29 1.48 -1.15	33.69 1.24 0.00
SHOREHAM_IC_1 23715	47.74 2.74 -0.82	42.33 2.40 0.00	47.10 2.35 0.00	36.56 1.86 0.00	34.28 1.79 0.00	49.05 2.66 0.00	53.02 2.68 0.00	46.63 1.91 0.00	36.86 2.07 0.00	33.35 1.41 0.00	29.91 1.23 2.39	32.88 1.38 3.49	37.12 1.61 1.14	32.28 1.23 0.00	36.69 1.25 0.00	122.88 3.11 0.00	39.44 1.77 0.00	34.25 1.80 0.00
SHOREHAM_IC_2 23716	47.74 2.74 -0.82	42.33 2.40 0.00	47.10 2.35 0.00	36.56 1.86 0.00	34.28 1.79 0.00	49.05 2.66 0.00	53.02 2.68 0.00	46.63 1.91 0.00	36.86 2.07 0.00	33.35 1.41 0.00	29.91 1.23 2.39	32.88 1.38 3.49	37.12 1.61 1.14	32.28 1.23 0.00	36.69 1.25 0.00	122.88 3.11 0.00	39.44 1.77 0.00	34.25 1.80 0.00
SISSONVILLE__ 23735	42.58 -1.60 0.00	38.47 -1.47 0.00	43.33 -1.42 0.00	33.63 -1.07 0.00	31.53 -0.95 0.00	45.08 -1.31 0.00	49.01 -1.32 0.00	43.80 -0.92 0.00	34.06 -0.73 0.00	31.30 -0.64 0.00	30.29 -0.79 0.00	34.04 -0.95 0.00	35.70 -0.95 0.00	30.39 -0.66 0.00	34.70 -0.74 0.00	116.87 -2.90 0.00	36.89 -0.77 0.00	31.84 -0.62 0.00
SITHE_IND_GS1 24169	42.84 -1.35 0.00	38.73 -1.20 0.00	43.41 -1.35 0.00	33.66 -1.04 0.00	31.50 -0.99 0.00	44.75 -1.64 0.00	48.39 -1.94 0.00	43.04 -1.68 0.00	33.50 -1.29 0.00	30.76 -1.18 0.00	29.97 -1.10 0.00	33.72 -1.27 0.00	35.32 -1.33 0.00	29.99 -1.05 0.00	34.19 -1.25 0.00	115.37 -4.40 0.00	36.29 -1.38 0.00	31.25 -1.20 0.00
SITHE_IND_GS2 24170	42.84 -1.35 0.00	38.73 -1.20 0.00	43.41 -1.35 0.00	33.66 -1.04 0.00	31.50 -0.99 0.00	44.75 -1.64 0.00	48.39 -1.94 0.00	43.04 -1.68 0.00	33.50 -1.29 0.00	30.76 -1.18 0.00	29.97 -1.10 0.00	33.72 -1.27 0.00	35.32 -1.33 0.00	29.99 -1.05 0.00	34.19 -1.25 0.00	115.37 -4.40 0.00	36.29 -1.38 0.00	31.25 -1.20 0.00
SITHE_IND_GS3 24171	42.84 -1.35 0.00	38.73 -1.20 0.00	43.41 -1.35 0.00	33.66 -1.04 0.00	31.50 -0.99 0.00	44.75 -1.64 0.00	48.39 -1.94 0.00	43.04 -1.68 0.00	33.50 -1.29 0.00	30.76 -1.18 0.00	29.97 -1.10 0.00	33.72 -1.27 0.00	35.32 -1.33 0.00	29.99 -1.05 0.00	34.19 -1.25 0.00	115.37 -4.40 0.00	36.29 -1.38 0.00	31.25 -1.20 0.00

SITHE_IND_GS4 24172	42.84 -1.35 0.00	38.73 -1.20 0.00	43.41 -1.35 0.00	33.66 -1.04 0.00	31.50 -0.99 0.00	44.75 -1.64 0.00	48.39 -1.94 0.00	43.04 -1.68 0.00	33.50 -1.29 0.00	30.76 -1.18 0.00	29.97 -1.10 0.00	33.72 -1.27 0.00	35.32 -1.33 0.00	29.99 -1.05 0.00	34.19 -1.25 0.00	115.37 -4.40 0.00	36.29 -1.38 0.00	31.25 -1.20 0.00
SITHE__BATAVIA 24024	42.89 -1.29 0.00	38.70 -1.24 0.00	43.72 -1.04 0.00	33.81 -0.89 0.00	31.84 -0.64 0.00	44.87 -1.52 0.00	44.73 -2.03 3.57	43.29 -1.43 0.00	19.77 -0.93 14.09	31.09 -0.85 0.00	30.45 -0.62 0.00	34.16 -0.83 0.00	35.90 -0.75 0.00	30.90 -0.14 0.00	35.02 -0.43 0.00	49.05 -3.05 67.68	28.94 -1.53 7.20	31.13 -1.32 0.00
SITHE__INDEPEND 23800	42.84 -1.35 0.00	38.73 -1.20 0.00	43.41 -1.35 0.00	33.66 -1.05 0.00	31.50 -0.99 0.00	44.75 -1.64 0.00	48.39 -1.94 0.00	43.03 -1.69 0.00	33.50 -1.29 0.00	30.76 -1.18 0.00	29.97 -1.10 0.00	33.72 -1.27 0.00	35.32 -1.33 0.00	29.99 -1.05 0.00	34.19 -1.26 0.00	115.36 -4.41 0.00	36.29 -1.38 0.00	31.25 -1.20 0.00
SITHE__MASSENA 23902	44.08 -0.10 0.00	39.79 -0.14 0.00	44.74 -0.01 0.00	34.69 -0.01 0.00	32.52 0.04 0.00	46.45 0.06 0.00	50.36 0.03 0.00	44.95 0.23 0.00	34.95 0.16 0.00	32.14 0.20 0.00	31.18 0.10 0.00	35.03 0.04 0.00	36.73 0.08 0.00	31.21 0.17 0.00	35.62 0.17 0.00	120.03 0.26 0.00	37.83 0.17 0.00	32.63 0.17 0.00
SITHE__OGDNSBRG 24021	44.14 -0.04 0.00	39.85 -0.09 0.00	44.86 0.11 0.00	34.79 0.10 0.00	32.66 0.17 0.00	46.69 0.30 0.00	50.64 0.31 0.00	45.16 0.44 0.00	35.08 0.29 0.00	32.24 0.30 0.00	31.19 0.12 0.00	34.95 -0.04 0.00	36.53 -0.12 0.00	31.20 0.15 0.00	35.67 0.22 0.00	119.67 -0.10 0.00	37.87 0.21 0.00	32.78 0.33 0.00
SITHE__STERLING 23777	44.87 0.69 0.00	40.60 0.66 0.00	45.56 0.81 0.00	35.31 0.61 0.00	33.10 0.61 0.00	47.31 0.92 0.00	51.48 1.15 0.00	45.80 1.08 0.00	35.58 0.79 0.00	32.60 0.66 0.00	31.46 0.38 0.00	35.58 0.59 0.00	37.25 0.60 0.00	31.71 0.67 0.00	36.33 0.88 0.00	123.07 3.30 0.00	38.70 1.03 0.00	33.33 0.88 0.00
SLEIGHT__34_KV_TB1 80719	43.01 -1.18 0.00	38.81 -1.12 0.00	43.60 -1.15 0.00	33.77 -0.93 0.00	31.70 -0.79 0.00	45.06 -1.32 0.00	46.81 -1.51 2.01	43.58 -1.14 0.00	25.98 -0.87 7.94	31.19 -0.75 0.00	30.37 -0.71 0.00	34.20 -0.79 0.00	35.81 -0.84 0.00	30.55 -0.49 0.00	34.83 -0.62 0.00	79.07 -2.60 38.11	32.63 -0.98 4.05	31.58 -0.87 0.00
SMITHTWN_69_KV_BK 1 55830	47.93 2.93 -0.82	42.49 2.55 0.00	47.27 2.52 0.00	36.70 2.00 0.00	34.40 1.91 0.00	49.20 2.81 0.00	53.36 3.03 0.00	46.97 2.25 0.00	37.04 2.25 0.00	33.70 1.76 0.00	34.69 1.73 -1.89	39.69 1.95 -2.75	39.77 2.22 -0.90	32.70 1.66 0.00	37.14 1.70 0.00	124.54 4.78 0.00	39.77 2.11 0.00	34.36 1.90 0.00
SOUTH CAIRO__GT 23612	46.51 2.33 0.00	42.22 2.29 0.00	47.20 2.45 0.00	36.64 1.94 0.00	34.27 1.78 0.00	49.02 2.63 0.00	53.25 2.92 0.00	47.17 2.45 0.00	36.42 1.63 0.00	33.24 1.30 0.00	32.08 1.01 0.00	36.12 1.14 0.00	38.08 1.43 0.00	32.02 0.98 0.00	36.62 1.18 0.00	124.77 5.00 0.00	39.46 1.80 0.00	33.95 1.50 0.00
SOUTH HAMPTN__IC 23720	47.91 2.92 -0.82	42.52 2.59 0.00	47.32 2.57 0.00	36.63 1.94 0.00	34.38 1.90 0.00	49.31 2.93 0.00	53.43 3.10 0.00	46.86 2.14 0.00	36.97 2.18 0.00	33.39 1.45 0.00	25.27 1.16 6.97	26.06 1.22 10.16	34.91 1.59 3.33	32.49 1.45 0.00	37.08 1.64 0.00	124.45 4.68 0.00	39.90 2.23 0.00	34.71 2.25 0.00
SOUTHDOWN_115KV_TB1 355954	42.91 -1.27 0.00	38.68 -1.25 0.00	43.72 -1.04 0.00	33.66 -1.04 0.00	31.73 -0.75 0.00	44.95 -1.44 0.00	43.17 -1.82 5.34	43.42 -1.30 0.00	12.79 -0.93 21.07	31.38 -0.56 0.00	30.90 -0.17 0.00	34.75 -0.24 0.00	36.48 -0.17 0.00	31.16 0.12 0.00	35.10 -0.34 0.00	14.81 -3.77 101.19	25.16 -1.74 10.76	30.66 -1.79 0.00
SOUTHOLD_69_KV_BK 2 55809	47.87 2.88 -0.82	42.52 2.59 0.00	47.35 2.60 0.00	36.54 1.85 0.00	34.31 1.83 0.00	49.35 2.96 0.00	53.52 3.19 0.00	46.87 2.15 0.00	36.92 2.13 0.00	33.28 1.34 0.00	24.92 0.96 7.11	25.56 0.94 10.37	34.67 1.42 3.39	32.51 1.47 0.00	37.25 1.80 0.00	125.43 5.66 0.00	40.15 2.48 0.00	34.99 2.54 0.00
SOUTHOLD__IC 23719	47.88 2.88 -0.82	42.52 2.59 0.00	47.35 2.60 0.00	36.54 1.85 0.00	34.31 1.83 0.00	49.35 2.96 0.00	53.53 3.19 0.00	46.86 2.14 0.00	36.92 2.13 0.00	33.27 1.33 0.00	24.92 0.96 7.11	25.56 0.94 10.37	34.68 1.43 3.39	32.51 1.47 0.00	37.23 1.78 0.00	125.42 5.65 0.00	40.16 2.50 0.00	34.99 2.54 0.00
SOUTH_FORK_WT_PWR 323839	47.65 2.65 -0.82	42.35 2.41 0.00	47.15 2.39 0.00	36.30 1.60 0.00	34.10 1.61 0.00	49.13 2.74 0.00	53.30 2.96 0.00	46.58 1.86 0.00	36.69 1.90 0.00	33.02 1.08 0.00	24.66 0.61 7.02	25.18 0.44 10.24	34.31 1.02 3.35	32.38 1.34 0.00	37.20 1.75 0.00	125.52 5.75 0.00	40.19 2.52 0.00	35.06 2.61 0.00
SPIERFLS_115KV_TB 1 80737	46.40 2.22 0.00	41.98 2.05 0.00	47.10 2.35 0.00	36.52 1.82 0.00	34.04 1.55 0.00	49.03 2.64 0.00	53.29 2.96 0.00	47.13 2.41 0.00	36.43 1.64 0.00	33.20 1.26 0.00	31.96 0.89 0.00	35.83 0.84 0.00	37.53 0.89 0.00	31.76 0.71 0.00	36.47 1.02 0.00	124.57 4.80 0.00	39.27 1.60 0.00	34.10 1.64 0.00

ST LAWRENCE____ 23600	43.99 -0.20 0.00	39.70 -0.23 0.00	44.61 -0.15 0.00	34.57 -0.13 0.00	32.40 -0.08 0.00	46.28 -0.10 0.00	50.20 -0.13 0.00	44.75 0.04 0.00	34.82 0.03 0.00	32.00 0.06 0.00	31.05 -0.02 0.00	34.92 -0.07 0.00	36.61 -0.04 0.00	31.08 0.03 0.00	35.46 0.01 0.00	119.63 -0.13 0.00	37.65 -0.02 0.00	32.48 0.03 0.00
STATE_CA_115KV_115_LB 55624	45.41 1.23 0.00	41.38 1.45 0.00	46.22 1.47 0.00	35.90 1.21 0.00	33.54 1.05 0.00	47.83 1.44 0.00	51.78 1.45 0.00	45.87 1.15 0.00	35.64 0.85 0.00	32.70 0.76 0.00	31.74 0.67 0.00	35.81 0.82 0.00	37.51 0.86 0.00	31.61 0.57 0.00	36.21 0.77 0.00	122.92 3.15 0.00	38.72 1.06 0.00	33.20 0.75 0.00
STATE_ST_34_KV_LOAD 55959	43.91 -0.27 0.00	39.81 -0.13 0.00	44.52 -0.23 0.00	34.48 -0.22 0.00	32.33 -0.15 0.00	46.22 -0.17 0.00	48.76 -0.22 1.35	44.58 -0.14 0.00	29.32 -0.14 5.32	31.82 -0.12 0.00	31.01 -0.06 0.00	34.87 -0.11 0.00	36.54 -0.11 0.00	30.95 -0.09 0.00	35.29 -0.16 0.00	93.88 -0.35 25.55	34.76 -0.18 2.72	32.30 -0.16 0.00
STATION_5_MISC_HYD 23604	43.24 -0.94 0.00	38.99 -0.95 0.00	43.85 -0.90 0.00	33.95 -0.75 0.00	31.90 -0.59 0.00	45.19 -1.20 0.00	46.28 -1.50 2.56	43.64 -1.08 0.00	23.97 -0.74 10.08	31.30 -0.64 0.00	30.58 -0.49 0.00	34.40 -0.58 0.00	36.07 -0.58 0.00	30.89 -0.15 0.00	35.07 -0.38 0.00	69.05 -2.33 48.39	31.49 -1.03 5.15	31.55 -0.90 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	43.31 -0.87 0.00	39.09 -0.84 0.00	43.93 -0.82 0.00	33.99 -0.71 0.00	31.93 -0.56 0.00	45.37 -1.02 0.00	46.80 -1.21 2.33	43.84 -0.88 0.00	24.96 -0.64 9.19	31.39 -0.55 0.00	30.64 -0.43 0.00	34.47 -0.52 0.00	36.10 -0.55 0.00	30.83 -0.21 0.00	35.07 -0.38 0.00	73.61 -2.02 44.14	32.15 -0.82 4.69	31.71 -0.74 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	42.96 -1.23 0.00	38.74 -1.20 0.00	43.57 -1.18 0.00	33.73 -0.97 0.00	31.68 -0.81 0.00	44.91 -1.48 0.00	46.09 -1.78 2.47	43.37 -1.35 0.00	24.10 -0.96 9.73	31.10 -0.83 0.00	30.38 -0.70 0.00	34.19 -0.81 0.00	35.84 -0.81 0.00	30.67 -0.37 0.00	34.83 -0.62 0.00	70.07 -2.99 46.71	31.49 -1.21 4.97	31.39 -1.06 0.00
STA_56____34_KV_BUS2 355983	42.96 -1.23 0.00	38.74 -1.20 0.00	43.57 -1.18 0.00	33.73 -0.97 0.00	31.68 -0.81 0.00	44.91 -1.48 0.00	46.09 -1.78 2.47	43.37 -1.35 0.00	24.10 -0.96 9.73	31.10 -0.83 0.00	30.38 -0.70 0.00	34.19 -0.81 0.00	35.84 -0.81 0.00	30.67 -0.37 0.00	34.83 -0.62 0.00	70.07 -2.99 46.71	31.49 -1.21 4.97	31.39 -1.06 0.00
STA_67____115KV_BK2 355882	43.17 -1.01 0.00	38.91 -1.02 0.00	43.79 -0.96 0.00	33.90 -0.80 0.00	31.85 -0.64 0.00	45.12 -1.27 0.00	46.20 -1.58 2.56	43.55 -1.17 0.00	23.91 -0.81 10.08	31.23 -0.71 0.00	30.51 -0.56 0.00	34.33 -0.65 0.00	35.99 -0.66 0.00	30.82 -0.22 0.00	34.99 -0.46 0.00	68.83 -2.57 48.37	31.44 -1.08 5.15	31.49 -0.97 0.00
STA_7____115KV_9TRANS 80674	43.41 -0.78 0.00	39.13 -0.81 0.00	44.02 -0.73 0.00	34.07 -0.63 0.00	32.00 -0.48 0.00	45.36 -1.03 0.00	46.50 -1.28 2.55	43.84 -0.88 0.00	24.14 -0.58 10.07	31.44 -0.50 0.00	30.72 -0.35 0.00	34.57 -0.42 0.00	36.23 -0.41 0.00	31.05 0.00 0.00	35.23 -0.22 0.00	69.62 -1.79 48.35	31.70 -0.82 5.14	31.71 -0.74 0.00
STA_82____115KV_TB1 80780	43.11 -1.07 0.00	38.87 -1.07 0.00	43.74 -1.01 0.00	33.86 -0.84 0.00	31.80 -0.69 0.00	45.06 -1.33 0.00	46.12 -1.64 2.57	43.49 -1.23 0.00	23.81 -0.86 10.12	31.19 -0.75 0.00	30.46 -0.61 0.00	34.28 -0.71 0.00	35.92 -0.72 0.00	30.78 -0.27 0.00	34.93 -0.52 0.00	68.41 -2.77 48.59	31.36 -1.14 5.17	31.45 -1.00 0.00
STEEL____WIND 323596	41.87 -2.31 0.00	37.78 -2.16 0.00	42.77 -1.98 0.00	33.00 -1.70 0.00	31.10 -1.39 0.00	43.78 -2.61 0.00	42.11 -3.35 4.88	42.09 -2.63 0.00	13.68 -1.86 19.25	30.35 -1.59 0.00	29.81 -1.27 0.00	33.48 -1.51 0.00	35.16 -1.49 0.00	30.22 -0.82 0.00	34.07 -1.38 0.00	20.53 -6.81 92.43	25.04 -2.80 9.83	29.95 -2.52 0.00
STEPHTWN_115KV_BK_2 55603	45.60 1.42 0.00	41.49 1.56 0.00	46.38 1.63 0.00	36.00 1.31 0.00	33.64 1.15 0.00	48.07 1.68 0.00	52.14 1.80 0.00	46.17 1.45 0.00	35.84 1.05 0.00	32.86 0.92 0.00	31.85 0.77 0.00	35.82 0.83 0.00	37.54 0.89 0.00	31.63 0.59 0.00	36.22 0.78 0.00	123.06 3.29 0.00	38.80 1.13 0.00	33.30 0.85 0.00
STEBEN_REC_LFGE 323667	42.84 -1.34 0.00	38.72 -1.21 0.00	43.77 -0.98 0.00	33.66 -1.04 0.00	31.76 -0.73 0.00	45.27 -1.11 0.00	41.28 -1.30 7.75	43.78 -0.94 0.00	3.33 -0.87 30.58	31.13 -0.81 0.00	30.68 -0.39 0.00	34.44 -0.55 0.00	36.16 -0.49 0.00	31.13 0.09 0.00	35.04 -0.40 0.00	-30.43 -3.40 146.80	20.47 -1.57 15.62	31.01 -1.44 0.00
STILLWATER____SOLAR 323814	46.14 1.96 0.00	41.76 1.83 0.00	46.75 2.00 0.00	36.25 1.55 0.00	33.90 1.41 0.00	48.68 2.30 0.00	52.88 2.55 0.00	46.78 2.06 0.00	36.22 1.43 0.00	33.07 1.13 0.00	31.94 0.87 0.00	35.91 0.92 0.00	37.61 0.96 0.00	31.79 0.75 0.00	36.45 1.00 0.00	124.16 4.39 0.00	39.15 1.49 0.00	33.84 1.39 0.00
STONY____BROOK 24151	47.78 2.78 -0.82	42.36 2.42 0.00	47.12 2.36 0.00	36.58 1.88 0.00	34.28 1.79 0.00	49.05 2.66 0.00	53.19 2.86 0.00	46.81 2.09 0.00	36.94 2.15 0.00	33.61 1.67 0.00	34.17 1.65 -1.45	38.98 1.87 -2.12	39.46 2.12 -0.69	32.63 1.59 0.00	37.06 1.62 0.00	124.20 4.43 0.00	39.66 2.00 0.00	34.26 1.80 0.00

STURGEON_POOL_HYD 23609	45.75 1.57 0.00	41.27 1.34 0.00	46.02 1.27 0.00	35.68 0.98 0.00	33.37 0.88 0.00	47.96 1.57 0.00	52.51 2.18 0.00	46.51 1.79 0.00	36.17 1.38 0.00	33.16 1.22 0.00	32.41 1.33 0.00	36.69 1.71 0.00	38.43 1.78 0.00	32.35 1.31 0.00	37.03 1.58 0.00	125.35 5.58 0.00	39.38 1.72 0.00	33.91 1.45 0.00
ST_LAW_115_BK7_LBMP 345037	43.92 -0.27 0.00	39.64 -0.30 0.00	44.55 -0.21 0.00	34.53 -0.17 0.00	32.36 -0.12 0.00	46.23 -0.16 0.00	50.12 -0.21 0.00	44.70 -0.02 0.00	34.78 -0.01 0.00	31.97 0.03 0.00	31.02 -0.05 0.00	34.87 -0.12 0.00	36.56 -0.09 0.00	31.04 0.00 0.00	35.42 -0.03 0.00	119.44 -0.33 0.00	37.61 -0.06 0.00	32.45 0.00 0.00
ST_LAW_115_BK8_LBMP 345038	43.92 -0.27 0.00	39.64 -0.30 0.00	44.55 -0.21 0.00	34.53 -0.17 0.00	32.36 -0.12 0.00	46.23 -0.16 0.00	50.12 -0.21 0.00	44.70 -0.02 0.00	34.78 -0.01 0.00	31.97 0.03 0.00	31.02 -0.05 0.00	34.87 -0.12 0.00	36.56 -0.09 0.00	31.04 0.00 0.00	35.42 -0.03 0.00	119.44 -0.33 0.00	37.61 -0.06 0.00	32.45 0.00 0.00
ST_LAW_230_BK5_LBMP 345035	43.99 -0.20 0.00	39.70 -0.23 0.00	44.61 -0.15 0.00	34.57 -0.13 0.00	32.40 -0.08 0.00	46.28 -0.10 0.00	50.20 -0.13 0.00	44.75 0.04 0.00	34.82 0.03 0.00	32.00 0.06 0.00	31.05 -0.02 0.00	34.92 -0.07 0.00	36.61 -0.04 0.00	31.08 0.03 0.00	35.46 0.01 0.00	119.63 -0.13 0.00	37.65 -0.02 0.00	32.48 0.03 0.00
ST_LAW_230_BK6_LBMP 345036	43.99 -0.20 0.00	39.70 -0.23 0.00	44.61 -0.15 0.00	34.57 -0.13 0.00	32.40 -0.08 0.00	46.28 -0.10 0.00	50.20 -0.13 0.00	44.75 0.04 0.00	34.82 0.03 0.00	32.00 0.06 0.00	31.05 -0.02 0.00	34.92 -0.07 0.00	36.61 -0.04 0.00	31.08 0.03 0.00	35.46 0.01 0.00	119.63 -0.13 0.00	37.65 -0.02 0.00	32.48 0.03 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	45.65 1.47 0.00	41.19 1.25 0.00	45.91 1.16 0.00	35.61 0.91 0.00	33.29 0.80 0.00	47.81 1.42 0.00	52.89 2.01 -0.55	46.37 1.65 0.00	38.27 1.30 -2.17	33.08 1.14 0.00	32.35 1.28 0.00	36.64 1.65 0.00	38.35 1.70 0.00	32.27 1.23 0.00	36.92 1.47 0.00	135.42 5.23 -10.42	40.42 1.65 -1.11	33.85 1.39 0.00
SWANROAD_115KV_TB1 355699	40.89 -3.29 0.00	36.98 -2.96 0.00	41.89 -2.87 0.00	32.41 -2.29 0.00	30.53 -1.95 0.00	42.76 -3.63 0.00	41.44 -4.64 4.25	40.81 -3.91 0.00	15.25 -2.78 16.76	29.51 -2.43 0.00	28.91 -2.16 0.00	32.41 -2.58 0.00	34.04 -2.61 0.00	29.35 -1.69 0.00	33.09 -2.36 0.00	29.79 -9.50 80.48	25.38 -3.73 8.56	29.12 -3.33 0.00
SYNERGY___BIOGAS 323694	42.89 -1.29 0.00	38.70 -1.24 0.00	43.72 -1.04 0.00	33.81 -0.89 0.00	31.84 -0.64 0.00	44.88 -1.51 0.00	44.77 -1.99 3.57	43.28 -1.44 0.00	19.76 -0.94 14.09	31.09 -0.84 0.00	30.45 -0.62 0.00	34.17 -0.83 0.00	35.90 -0.75 0.00	30.90 -0.15 0.00	35.01 -0.44 0.00	49.02 -3.08 67.68	28.99 -1.47 7.20	31.13 -1.32 0.00
SYRACUSE___ENERGY_ST1 323597	43.74 -0.45 0.00	39.55 -0.39 0.00	44.31 -0.44 0.00	34.34 -0.36 0.00	32.17 -0.31 0.00	45.82 -0.57 0.00	48.94 -0.67 0.72	44.12 -0.61 0.00	31.49 -0.46 2.84	31.50 -0.43 0.00	30.71 -0.36 0.00	34.56 -0.43 0.00	36.20 -0.45 0.00	30.74 -0.30 0.00	35.02 -0.43 0.00	104.75 -1.39 13.63	35.75 -0.46 1.45	32.06 -0.39 0.00
SYRACUSE___ENERGY_ST2 323598	43.74 -0.45 0.00	39.55 -0.39 0.00	44.31 -0.44 0.00	34.34 -0.36 0.00	32.17 -0.31 0.00	45.82 -0.57 0.00	48.94 -0.67 0.72	44.12 -0.61 0.00	31.49 -0.46 2.84	31.50 -0.43 0.00	30.71 -0.36 0.00	34.56 -0.43 0.00	36.20 -0.45 0.00	30.74 -0.30 0.00	35.02 -0.43 0.00	104.75 -1.39 13.63	35.75 -0.46 1.45	32.06 -0.39 0.00
SYRACUSE___POWER 24017	43.81 -0.37 0.00	39.59 -0.34 0.00	44.37 -0.38 0.00	34.39 -0.32 0.00	32.21 -0.27 0.00	45.87 -0.52 0.00	49.72 -0.61 0.00	44.19 -0.53 0.00	34.40 -0.39 0.00	31.57 -0.37 0.00	30.76 -0.31 0.00	34.65 -0.34 0.00	36.28 -0.37 0.00	30.83 -0.21 0.00	35.12 -0.33 0.00	118.65 -1.12 0.00	37.29 -0.38 0.00	32.13 -0.33 0.00
TALLMAN__138KV_BK151 55660	45.84 1.66 0.00	41.33 1.40 0.00	46.07 1.31 0.00	35.72 1.02 0.00	33.37 0.89 0.00	47.96 1.57 0.00	53.08 2.22 -0.53	46.56 1.84 0.00	38.36 1.48 -2.10	33.24 1.31 0.00	32.54 1.46 0.00	36.85 1.86 0.00	38.59 1.95 0.00	32.45 1.40 0.00	37.12 1.67 0.00	135.74 5.89 -10.07	40.57 1.84 -1.07	34.00 1.55 0.00
TEALLAVE_115KV_TB7 355573	43.58 -0.60 0.00	39.38 -0.55 0.00	44.14 -0.61 0.00	34.21 -0.49 0.00	32.03 -0.45 0.00	45.60 -0.79 0.00	49.41 -0.92 0.00	43.92 -0.80 0.00	34.21 -0.58 0.00	31.40 -0.54 0.00	30.60 -0.48 0.00	34.46 -0.53 0.00	36.09 -0.56 0.00	30.67 -0.38 0.00	34.94 -0.51 0.00	117.96 -1.81 0.00	37.07 -0.60 0.00	31.93 -0.52 0.00
TELGRAPH_34_KV_EAST 80808	41.95 -2.23 0.00	37.87 -2.07 0.00	42.83 -1.93 0.00	33.12 -1.57 0.00	31.20 -1.28 0.00	43.84 -2.55 0.00	43.16 -3.30 3.88	42.08 -2.64 0.00	17.68 -1.82 15.29	30.36 -1.58 0.00	29.74 -1.33 0.00	33.37 -1.62 0.00	35.05 -1.60 0.00	30.18 -0.86 0.00	34.10 -1.34 0.00	40.22 -6.12 73.43	27.29 -2.57 7.81	30.16 -2.30 0.00
TEMPLE___115KV_TB 2 55572	43.59 -0.59 0.00	39.40 -0.54 0.00	44.16 -0.59 0.00	34.23 -0.47 0.00	32.06 -0.43 0.00	45.62 -0.77 0.00	49.43 -0.90 0.00	43.95 -0.77 0.00	34.22 -0.57 0.00	31.41 -0.52 0.00	30.62 -0.45 0.00	34.48 -0.51 0.00	36.12 -0.53 0.00	30.69 -0.36 0.00	34.97 -0.48 0.00	118.06 -1.71 0.00	37.09 -0.58 0.00	31.93 -0.52 0.00

TIANA___69_KV_BK 1 55817	47.90 2.90 -0.82	42.50 2.57 0.00	47.30 2.54 0.00	36.65 1.95 0.00	34.38 1.90 0.00	49.28 2.89 0.00	53.37 3.04 0.00	46.85 2.13 0.00	36.97 2.18 0.00	33.43 1.49 0.00	25.20 1.24 7.11	25.96 1.35 10.37	34.92 1.66 3.40	32.47 1.43 0.00	37.03 1.58 0.00	124.08 4.31 0.00	39.78 2.12 0.00	34.58 2.13 0.00
TILDEN___115KV_TB1 80814	43.81 -0.37 0.00	39.59 -0.34 0.00	44.37 -0.38 0.00	34.39 -0.32 0.00	32.21 -0.27 0.00	45.87 -0.52 0.00	49.72 -0.61 0.00	44.19 -0.53 0.00	34.40 -0.39 0.00	31.57 -0.37 0.00	30.76 -0.31 0.00	34.65 -0.34 0.00	36.28 -0.37 0.00	30.83 -0.21 0.00	35.12 -0.33 0.00	118.65 -1.12 0.00	37.29 -0.38 0.00	32.13 -0.33 0.00
TRIGEN___CC 323695	48.07 2.46 -1.42	42.07 2.14 0.00	46.83 2.08 0.00	36.32 1.63 0.00	33.99 1.50 0.00	48.71 2.32 0.00	53.02 2.69 0.00	46.77 2.05 0.00	36.77 1.98 0.00	33.69 1.75 0.00	32.98 1.91 0.00	37.29 2.30 0.00	39.13 2.49 0.00	32.91 1.87 0.00	37.44 1.99 0.00	125.53 5.77 0.00	39.67 2.01 0.00	34.16 1.71 0.00
TRINITY__115KV__4 BK 55933	45.23 1.05 0.00	41.18 1.25 0.00	46.02 1.27 0.00	35.73 1.04 0.00	33.38 0.90 0.00	47.65 1.26 0.00	51.60 1.27 0.00	45.69 0.97 0.00	35.50 0.71 0.00	32.58 0.64 0.00	31.63 0.56 0.00	35.66 0.67 0.00	37.33 0.68 0.00	31.47 0.43 0.00	36.04 0.59 0.00	122.33 2.56 0.00	38.52 0.85 0.00	33.04 0.59 0.00
UNION___PROCESSING_DRP 323587	43.12 -1.06 0.00	38.87 -1.06 0.00	43.74 -1.01 0.00	33.86 -0.84 0.00	31.81 -0.67 0.00	45.07 -1.32 0.00	46.13 -1.63 2.57	43.50 -1.22 0.00	23.80 -0.85 10.14	31.19 -0.75 0.00	30.47 -0.60 0.00	34.28 -0.71 0.00	35.93 -0.72 0.00	30.78 -0.26 0.00	34.94 -0.51 0.00	68.35 -2.76 48.67	31.35 -1.13 5.18	31.45 -1.00 0.00
UPPER HUDSON___HYD 24058	46.40 2.22 0.00	41.98 2.05 0.00	47.10 2.35 0.00	36.52 1.82 0.00	34.04 1.55 0.00	49.03 2.64 0.00	53.29 2.96 0.00	47.13 2.41 0.00	36.43 1.64 0.00	33.20 1.26 0.00	31.96 0.89 0.00	35.83 0.84 0.00	37.53 0.88 0.00	31.76 0.71 0.00	36.47 1.02 0.00	124.57 4.80 0.00	39.27 1.60 0.00	34.10 1.64 0.00
UPPER RAQUET___HYD 24056	42.58 -1.60 0.00	38.47 -1.47 0.00	43.33 -1.42 0.00	33.63 -1.07 0.00	31.53 -0.95 0.00	45.08 -1.31 0.00	49.01 -1.32 0.00	43.80 -0.92 0.00	34.05 -0.74 0.00	31.30 -0.64 0.00	30.29 -0.79 0.00	34.04 -0.95 0.00	35.70 -0.95 0.00	30.39 -0.66 0.00	34.70 -0.75 0.00	116.87 -2.90 0.00	36.89 -0.77 0.00	31.84 -0.62 0.00
VALLEY44_115KV_TB2 355964	42.13 -2.05 0.00	37.90 -2.03 0.00	42.86 -1.89 0.00	32.96 -1.74 0.00	31.05 -1.44 0.00	43.90 -2.49 0.00	41.79 -2.99 5.55	42.24 -2.48 0.00	11.05 -1.85 21.89	30.45 -1.49 0.00	30.06 -1.01 0.00	33.80 -1.19 0.00	35.41 -1.24 0.00	30.30 -0.74 0.00	34.16 -1.29 0.00	8.26 -6.40 105.11	24.15 -2.34 11.18	30.22 -2.24 0.00
VALLEY___115KV_TB 1-4 80826	45.38 1.20 0.00	41.13 1.20 0.00	45.97 1.22 0.00	35.61 0.91 0.00	33.35 0.86 0.00	47.97 1.58 0.00	52.31 1.98 0.00	46.16 1.44 0.00	35.01 0.22 0.00	31.64 -0.30 0.00	30.63 -0.44 0.00	34.82 -0.16 0.00	36.64 0.00 0.00	30.68 -0.37 0.00	35.12 -0.33 0.00	119.22 -0.56 0.00	38.22 0.56 0.00	33.09 0.63 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	45.75 1.57 0.00	41.32 1.39 0.00	46.22 1.47 0.00	35.86 1.15 0.00	33.58 1.09 0.00	48.13 1.74 0.00	54.02 2.11 -1.58	46.44 1.72 0.00	42.42 1.40 -6.24	33.27 1.33 0.00	32.40 1.32 0.00	36.64 1.65 0.00	38.29 1.64 0.00	32.30 1.26 0.00	36.89 1.45 0.00	154.63 4.93 -29.93	42.32 1.47 -3.18	33.65 1.20 0.00
VISCHER___FERRY HYD 24020	45.77 1.59 0.00	41.45 1.52 0.00	46.35 1.60 0.00	35.94 1.25 0.00	33.64 1.16 0.00	48.27 1.88 0.00	52.35 2.02 0.00	46.34 1.62 0.00	35.94 1.15 0.00	32.96 1.03 0.00	31.93 0.86 0.00	35.91 0.92 0.00	37.55 0.90 0.00	31.70 0.65 0.00	36.31 0.86 0.00	123.50 3.74 0.00	38.88 1.21 0.00	33.49 1.03 0.00
V_A_10_SYNC_DSASP 323832	41.72 -2.46 0.00	37.60 -2.34 0.00	42.51 -2.24 0.00	32.87 -1.83 0.00	30.94 -1.55 0.00	43.50 -2.88 0.00	42.98 -3.63 3.73	41.79 -2.93 0.00	17.99 -2.09 14.71	30.13 -1.80 0.00	29.50 -1.57 0.00	33.14 -1.85 0.00	34.77 -1.88 0.00	29.86 -1.18 0.00	33.74 -1.71 0.00	41.73 -7.46 70.58	27.31 -2.84 7.51	29.87 -2.58 0.00
V_CMM_10_SYNC_DSASP 323787	44.12 -0.06 0.00	39.84 -0.10 0.00	44.79 0.04 0.00	34.69 -0.01 0.00	32.52 0.04 0.00	46.44 0.06 0.00	50.31 -0.03 0.00	44.86 0.14 0.00	34.88 0.09 0.00	32.11 0.17 0.00	31.18 0.10 0.00	35.04 0.05 0.00	36.73 0.09 0.00	31.18 0.14 0.00	35.58 0.14 0.00	119.77 0.00 0.00	37.80 0.14 0.00	32.65 0.20 0.00
V_CMP_10_SYNC_DSASP 323788	44.55 0.37 0.00	40.19 0.26 0.00	45.16 0.40 0.00	34.96 0.27 0.00	32.84 0.35 0.00	47.07 0.68 0.00	51.09 0.76 0.00	45.61 0.90 0.00	35.47 0.68 0.00	32.61 0.67 0.00	31.51 0.44 0.00	35.41 0.42 0.00	37.10 0.45 0.00	31.50 0.45 0.00	36.10 0.65 0.00	121.68 1.91 0.00	38.39 0.72 0.00	33.18 0.73 0.00
V_D_10_SYNC_DSASP 323841	44.10 -0.08 0.00	39.80 -0.14 0.00	44.76 0.01 0.00	34.70 0.00 0.00	32.53 0.04 0.00	46.46 0.07 0.00	50.36 0.03 0.00	44.96 0.24 0.00	34.96 0.17 0.00	32.14 0.20 0.00	31.18 0.11 0.00	35.04 0.05 0.00	36.74 0.09 0.00	31.21 0.17 0.00	35.62 0.17 0.00	120.03 0.26 0.00	37.84 0.18 0.00	32.65 0.20 0.00

V_E_10_SYNC_DSASP 323830	46.06 1.88 0.00	41.80 1.86 0.00	46.82 2.07 0.00	36.13 1.43 0.00	34.01 1.52 0.00	49.21 2.83 0.00	54.77 3.56 -0.89	47.86 3.14 0.00	40.41 2.11 -3.50	33.62 1.68 0.00	32.46 1.39 0.00	37.00 2.01 0.00	38.42 1.77 0.00	32.38 1.34 0.00	36.90 1.45 0.00	142.25 5.69 -16.79	41.42 1.97 -1.79	34.24 1.79 0.00
V_F_30_NSUNC_DSASP 323816	46.16 1.98 0.00	41.76 1.83 0.00	46.75 2.00 0.00	36.25 1.56 0.00	33.90 1.42 0.00	48.68 2.29 0.00	52.89 2.56 0.00	46.80 2.08 0.00	36.23 1.44 0.00	33.10 1.16 0.00	31.99 0.92 0.00	35.97 0.98 0.00	37.68 1.03 0.00	31.85 0.80 0.00	36.51 1.07 0.00	124.28 4.51 0.00	39.17 1.51 0.00	33.85 1.39 0.00
V_F_30_SYNC_DSASP 323786	45.41 1.23 0.00	41.38 1.44 0.00	46.22 1.47 0.00	35.90 1.21 0.00	33.54 1.05 0.00	47.82 1.43 0.00	51.78 1.45 0.00	45.86 1.14 0.00	35.63 0.84 0.00	32.70 0.76 0.00	31.73 0.66 0.00	35.80 0.81 0.00	37.51 0.86 0.00	31.61 0.56 0.00	36.19 0.75 0.00	122.91 3.15 0.00	38.72 1.05 0.00	33.20 0.75 0.00
V_XM_10_SYNC_DSASP 323789	44.55 0.37 0.00	40.19 0.26 0.00	45.16 0.40 0.00	34.96 0.27 0.00	32.84 0.35 0.00	47.07 0.68 0.00	51.09 0.76 0.00	45.61 0.90 0.00	35.47 0.68 0.00	32.61 0.67 0.00	31.51 0.44 0.00	35.41 0.42 0.00	37.10 0.45 0.00	31.50 0.45 0.00	36.10 0.65 0.00	121.68 1.91 0.00	38.39 0.72 0.00	33.18 0.73 0.00
W.BABYLN_69_KV_BK1 56697	48.08 2.99 -0.91	42.52 2.58 0.00	47.31 2.56 0.00	36.70 2.00 0.00	34.38 1.89 0.00	49.23 2.84 0.00	53.48 3.15 0.00	47.13 2.41 0.00	37.08 2.28 0.00	33.84 1.90 0.00	33.05 1.98 0.00	37.29 2.30 0.00	39.19 2.54 0.00	32.95 1.91 0.00	37.50 2.05 0.00	125.83 6.06 0.00	39.90 2.24 0.00	34.39 1.94 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	45.99 1.80 0.00	41.47 1.54 0.00	46.22 1.46 0.00	35.84 1.14 0.00	33.49 1.01 0.00	48.13 1.74 0.00	52.74 2.41 0.00	46.74 2.02 0.00	36.41 1.62 0.00	33.37 1.43 0.00	32.65 1.58 0.00	36.99 2.00 0.00	38.74 2.09 0.00	32.60 1.56 0.00	37.31 1.86 0.00	126.30 6.53 0.00	39.72 2.05 0.00	34.17 1.71 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	46.11 1.93 0.00	41.58 1.65 0.00	46.31 1.56 0.00	35.90 1.20 0.00	33.57 1.08 0.00	48.25 1.86 0.00	52.91 2.57 0.00	46.91 2.19 0.00	36.60 1.81 0.00	33.58 1.64 0.00	32.84 1.77 0.00	37.17 2.18 0.00	38.98 2.34 0.00	32.70 1.66 0.00	37.46 2.01 0.00	126.80 7.03 0.00	39.88 2.22 0.00	34.33 1.88 0.00
W50THST__13_KV_LOAD 356117	46.30 2.12 0.00	41.75 1.81 0.00	46.50 1.75 0.00	36.04 1.35 0.00	33.70 1.22 0.00	48.46 2.07 0.00	53.14 2.82 0.00	47.17 2.45 0.00	36.81 2.02 0.00	33.78 1.84 0.00	33.04 1.97 0.00	37.41 2.42 0.00	39.24 2.59 0.00	32.91 1.87 0.00	37.70 2.26 0.00	127.64 7.87 0.00	40.12 2.46 0.00	34.52 2.07 0.00
WADING RIVER_IC_1 23522	47.74 2.74 -0.82	42.33 2.40 0.00	47.10 2.35 0.00	36.55 1.86 0.00	34.27 1.78 0.00	49.04 2.65 0.00	53.00 2.67 0.00	46.60 1.88 0.00	36.86 2.07 0.00	33.33 1.39 0.00	27.87 1.20 4.40	29.92 1.35 6.42	36.13 1.58 2.10	32.26 1.22 0.00	36.68 1.24 0.00	122.87 3.10 0.00	39.44 1.78 0.00	34.25 1.80 0.00
WADING RIVER_IC_2 23547	47.74 2.74 -0.82	42.33 2.40 0.00	47.10 2.35 0.00	36.55 1.86 0.00	34.27 1.78 0.00	49.04 2.65 0.00	53.00 2.67 0.00	46.60 1.88 0.00	36.86 2.07 0.00	33.33 1.39 0.00	27.87 1.20 4.40	29.92 1.35 6.42	36.13 1.58 2.10	32.26 1.22 0.00	36.68 1.24 0.00	122.87 3.10 0.00	39.44 1.78 0.00	34.25 1.80 0.00
WADING RIVER_IC_3 23601	47.74 2.74 -0.82	42.33 2.40 0.00	47.10 2.35 0.00	36.55 1.86 0.00	34.27 1.78 0.00	49.04 2.65 0.00	53.00 2.67 0.00	46.60 1.88 0.00	36.86 2.07 0.00	33.33 1.39 0.00	27.87 1.20 4.40	29.92 1.35 6.42	36.13 1.58 2.10	32.26 1.22 0.00	36.68 1.24 0.00	122.87 3.10 0.00	39.44 1.78 0.00	34.25 1.80 0.00
WALDENNY_12_KV_BK2 80841	41.92 -2.27 0.00	37.81 -2.12 0.00	42.81 -1.94 0.00	33.04 -1.66 0.00	31.14 -1.35 0.00	43.79 -2.59 0.00	42.23 -3.29 4.82	42.10 -2.62 0.00	13.96 -1.84 18.99	30.38 -1.56 0.00	29.84 -1.24 0.00	33.51 -1.48 0.00	35.18 -1.47 0.00	30.24 -0.80 0.00	34.10 -1.35 0.00	22.03 -6.53 91.21	25.30 -2.66 9.70	30.01 -2.45 0.00
WALDEN__HYDRO 24148	45.82 1.63 0.00	41.34 1.40 0.00	46.08 1.33 0.00	35.74 1.04 0.00	33.42 0.93 0.00	48.00 1.62 0.00	53.09 2.23 -0.53	46.55 1.83 0.00	38.29 1.41 -2.09	33.16 1.22 0.00	32.40 1.32 0.00	36.71 1.72 0.00	38.44 1.79 0.00	32.35 1.31 0.00	37.01 1.57 0.00	135.40 5.58 -10.04	40.50 1.77 -1.07	33.94 1.49 0.00
WARRENSBURG____ 23737	46.40 2.22 0.00	41.98 2.05 0.00	47.10 2.35 0.00	36.52 1.82 0.00	34.04 1.55 0.00	49.03 2.64 0.00	53.29 2.96 0.00	47.13 2.41 0.00	36.43 1.64 0.00	33.20 1.26 0.00	31.96 0.89 0.00	35.83 0.84 0.00	37.53 0.89 0.00	31.76 0.71 0.00	36.47 1.02 0.00	124.57 4.80 0.00	39.27 1.60 0.00	34.10 1.64 0.00
WATERSIDE__6 8 9 23538	46.03 1.85 0.00	41.53 1.59 0.00	46.24 1.49 0.00	35.85 1.15 0.00	33.51 1.03 0.00	48.18 1.80 0.00	52.82 2.49 0.00	46.85 2.13 0.00	36.59 1.81 0.00	33.56 1.62 0.00	32.80 1.73 0.00	37.13 2.14 0.00	38.95 2.30 0.00	32.68 1.63 0.00	37.43 1.98 0.00	126.69 6.92 0.00	39.83 2.17 0.00	34.30 1.84 0.00

WATKINRD_115KV_LN8_ILLLION 55919	46.00 1.82 0.00	41.75 1.81 0.00	46.58 1.82 0.00	36.06 1.36 0.00	33.79 1.30 0.00	48.76 2.37 0.00	53.31 2.98 0.00	46.81 2.09 0.00	34.93 0.14 0.00	31.23 -0.71 0.00	30.10 -0.97 0.00	34.50 -0.49 0.00	36.45 -0.20 0.00	30.33 -0.72 0.00	34.70 -0.74 0.00	117.98 -1.79 0.00	38.31 0.64 0.00	33.28 0.82 0.00
WDELAWARE___HYD 323627	45.25 1.07 0.00	41.05 1.11 0.00	45.80 1.05 0.00	35.52 0.82 0.00	33.24 0.76 0.00	47.79 1.40 0.00	52.99 2.02 -0.64	46.17 1.45 0.00	37.58 0.28 -2.52	32.09 0.15 0.00	31.30 0.23 0.00	35.65 0.66 0.00	37.28 0.63 0.00	31.49 0.45 0.00	36.87 1.42 0.00	136.78 4.93 -12.07	40.55 1.61 -1.28	33.81 1.35 0.00
WEST BABYLON___IC 23714	48.08 2.99 -0.91	42.52 2.58 0.00	47.31 2.56 0.00	36.70 2.00 0.00	34.38 1.89 0.00	49.23 2.84 0.00	53.48 3.15 0.00	47.13 2.41 0.00	37.08 2.28 0.00	33.84 1.90 0.00	33.05 1.98 0.00	37.29 2.30 0.00	39.19 2.54 0.00	32.95 1.91 0.00	37.50 2.05 0.00	125.83 6.06 0.00	39.90 2.24 0.00	34.39 1.94 0.00
WEST CANADA___HYD 24049	44.25 0.07 0.00	40.02 0.08 0.00	44.82 0.07 0.00	34.76 0.07 0.00	32.52 0.03 0.00	46.48 0.09 0.00	50.45 0.12 0.00	44.80 0.07 0.00	34.83 0.03 0.00	31.95 0.02 0.00	31.07 0.00 0.00	35.02 0.03 0.00	36.68 0.03 0.00	31.04 -0.01 0.00	35.47 0.02 0.00	119.97 0.20 0.00	37.74 0.07 0.00	32.48 0.03 0.00
WESTERN_NY_WIND 24143	42.81 -1.37 0.00	38.63 -1.31 0.00	43.64 -1.11 0.00	33.76 -0.94 0.00	31.79 -0.69 0.00	44.80 -1.59 0.00	44.57 -2.09 3.67	43.19 -1.53 0.00	19.32 -1.01 14.47	31.04 -0.90 0.00	30.41 -0.67 0.00	34.10 -0.89 0.00	35.84 -0.80 0.00	30.86 -0.19 0.00	34.95 -0.50 0.00	47.01 -3.28 69.48	28.72 -1.56 7.39	31.06 -1.39 0.00
WESTOVER___LESR 323668	44.21 0.03 0.00	39.94 0.01 0.00	44.76 0.01 0.00	34.64 -0.06 0.00	32.47 -0.01 0.00	46.37 -0.02 0.00	55.59 0.02 -5.24	44.72 0.00 0.00	55.44 -0.03 -20.68	31.93 -0.01 0.00	31.18 0.10 0.00	35.13 0.14 0.00	36.82 0.17 0.00	31.24 0.20 0.00	35.58 0.14 0.00	219.20 0.17 -99.26	48.19 -0.03 -10.56	32.40 -0.07 0.00
WETHRSFD_WT_PWR 323626	41.73 -2.45 0.00	37.72 -2.21 0.00	42.70 -2.05 0.00	32.91 -1.79 0.00	31.05 -1.44 0.00	43.91 -2.47 0.00	41.31 -3.10 5.92	42.19 -2.53 0.00	9.47 -1.97 23.35	30.17 -1.77 0.00	29.76 -1.32 0.00	33.45 -1.54 0.00	35.08 -1.56 0.00	30.16 -0.89 0.00	34.02 -1.43 0.00	0.63 -7.03 112.11	22.94 -2.80 11.92	29.98 -2.48 0.00
WHAVSTOR_138KV_BK127 55557	45.80 1.61 0.00	41.31 1.37 0.00	46.03 1.28 0.00	35.69 0.99 0.00	33.36 0.88 0.00	47.92 1.53 0.00	52.51 2.18 0.00	46.53 1.81 0.00	36.23 1.44 0.00	33.22 1.28 0.00	32.50 1.43 0.00	36.80 1.81 0.00	38.55 1.90 0.00	32.41 1.37 0.00	37.08 1.63 0.00	125.47 5.70 0.00	39.46 1.80 0.00	33.94 1.49 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	45.80 1.61 0.00	41.31 1.37 0.00	46.03 1.28 0.00	35.69 0.99 0.00	33.36 0.88 0.00	47.92 1.53 0.00	52.51 2.18 0.00	46.53 1.81 0.00	36.23 1.44 0.00	33.22 1.28 0.00	32.50 1.43 0.00	36.80 1.81 0.00	38.55 1.90 0.00	32.41 1.37 0.00	37.08 1.63 0.00	125.47 5.70 0.00	39.46 1.80 0.00	33.94 1.49 0.00
WHITEHAL_115KV_TB1 80871	46.78 2.60 0.00	42.40 2.47 0.00	47.57 2.82 0.00	36.99 2.30 0.00	34.64 2.16 0.00	50.44 4.05 0.00	54.97 4.64 0.00	48.56 3.84 0.00	37.40 2.61 0.00	34.07 2.13 0.00	32.50 1.43 0.00	36.02 1.03 0.00	37.54 0.90 0.00	31.83 0.79 0.00	36.85 1.40 0.00	127.28 7.51 0.00	39.93 2.26 0.00	35.15 2.69 0.00
WHITEPLN_13_KV_LOAD 356215	46.27 2.09 0.00	41.72 1.79 0.00	46.51 1.75 0.00	36.05 1.36 0.00	33.71 1.23 0.00	48.46 2.08 0.00	53.11 2.78 0.00	47.08 2.36 0.00	36.70 1.91 0.00	33.65 1.71 0.00	32.90 1.83 0.00	37.23 2.24 0.00	39.02 2.37 0.00	32.78 1.74 0.00	37.50 2.05 0.00	127.00 7.23 0.00	39.96 2.29 0.00	34.39 1.94 0.00
WM_FLOYD_69_KV_BK2 356380	47.78 2.78 -0.82	42.34 2.41 0.00	47.12 2.37 0.00	36.59 1.89 0.00	34.29 1.81 0.00	49.07 2.69 0.00	53.14 2.81 0.00	46.72 2.00 0.00	36.87 2.08 0.00	33.43 1.49 0.00	19.84 1.38 12.61	18.16 1.56 18.39	32.39 1.76 6.02	32.41 1.37 0.00	36.84 1.39 0.00	123.27 3.50 0.00	39.50 1.84 0.00	34.25 1.80 0.00
WOODARD__115KV_TB2 355635	43.50 -0.68 0.00	39.31 -0.62 0.00	44.06 -0.69 0.00	34.15 -0.55 0.00	31.99 -0.49 0.00	45.52 -0.87 0.00	48.77 -1.02 0.54	43.83 -0.89 0.00	32.00 -0.65 2.15	31.34 -0.60 0.00	30.54 -0.53 0.00	34.38 -0.61 0.00	36.01 -0.64 0.00	30.59 -0.46 0.00	34.86 -0.59 0.00	107.38 -2.09 10.31	35.89 -0.68 1.10	31.87 -0.59 0.00
WOODMERE_69_KV_BK1 55827	48.49 2.84 -1.47	42.42 2.49 0.00	47.21 2.46 0.00	36.61 1.92 0.00	34.26 1.78 0.00	49.11 2.72 0.00	53.45 3.12 0.00	47.14 2.42 0.00	37.06 2.27 0.00	33.97 2.03 0.00	33.26 2.19 0.00	37.60 2.60 0.00	39.43 2.78 0.00	33.19 2.14 0.00	37.73 2.28 0.00	126.44 6.66 0.00	39.94 2.28 0.00	34.42 1.97 0.00
YORK___WARBASSE 23770	46.24 2.06 0.00	41.70 1.77 0.00	46.44 1.69 0.00	36.01 1.31 0.00	33.65 1.16 0.00	48.38 1.99 0.00	53.08 2.75 0.00	47.08 2.36 0.00	36.74 1.95 0.00	33.68 1.74 0.00	32.91 1.84 0.00	37.27 2.28 0.00	39.11 2.46 0.00	32.78 1.74 0.00	37.57 2.13 0.00	127.15 7.38 0.00	39.97 2.30 0.00	34.42 1.97 0.00

BAYPORT_69_KV_BK 2 356364	49.43 2.91 0.00	53.45 3.11 0.00	47.03 2.31 0.00	37.08 2.29 0.00	33.75 1.80 0.00	35.23 1.78 -2.37	40.46 2.01 -3.46	40.03 2.25 -1.13	32.77 1.72 0.00	37.23 1.79 0.00	124.79 5.02 0.00	39.82 2.16 0.00	34.39 1.93 0.00
FARRCKWY_69_KV_BK2 55825	49.36 2.84 0.00	53.55 3.22 0.00	47.23 2.52 0.00	37.13 2.34 0.00	34.03 2.09 0.00	33.32 2.25 0.00	37.66 2.67 0.00	39.49 2.84 0.00	33.25 2.20 0.00	37.80 2.35 0.00	126.73 6.96 0.00	40.02 2.35 0.00	34.49 2.04 0.00
INDIANHD_69_KV_BK1 55831	49.41 2.89 0.00	53.44 3.10 0.00	47.02 2.30 0.00	37.07 2.28 0.00	33.71 1.77 0.00	34.69 1.73 -1.89	39.69 1.95 -2.75	39.77 2.22 -0.90	32.70 1.66 0.00	37.14 1.70 0.00	124.57 4.80 0.00	39.80 2.13 0.00	34.39 1.93 0.00
N.BELMOR_69_KV_BK1 55787	49.05 2.53 0.00	53.19 2.86 0.00	46.92 2.20 0.00	36.88 2.09 0.00	33.75 1.81 0.00	33.03 1.96 0.00	37.34 2.35 0.00	39.20 2.55 0.00	32.96 1.91 0.00	37.46 2.01 0.00	125.76 5.99 0.00	39.74 2.08 0.00	34.23 1.78 0.00