

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

### --- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

07/26/2025

ALBANY___2 23572	47.87 -0.33 0.00	40.75 0.06 0.00	34.81 0.47 0.00	33.31 0.67 0.00	31.25 0.64 0.00	38.48 0.58 0.00	38.25 0.34 0.00	32.52 0.11 0.00	39.22 -0.10 0.00	41.66 -0.43 0.00	38.96 -0.57 3.83	48.17 -1.05 1.49	52.60 -1.28 4.03	59.67 -1.41 3.07	45.98 -0.86 2.13	46.83 -0.89 0.65	49.54 -0.89 0.47	49.01 -0.71 0.00	48.40 -0.60 0.00	48.05 -0.57 0.00	48.69 -0.74 0.00	49.30 -0.98 0.00	44.49 -0.76 0.00	37.46 -0.51 0.23
ALBANY___3 23573	47.87 -0.33 0.00	40.75 0.06 0.00	34.81 0.47 0.00	33.31 0.67 0.00	31.25 0.64 0.00	38.48 0.58 0.00	38.25 0.34 0.00	32.52 0.11 0.00	39.22 -0.10 0.00	41.66 -0.43 0.00	38.96 -0.57 3.83	48.17 -1.05 1.49	52.60 -1.28 4.03	59.67 -1.41 3.07	45.98 -0.86 2.13	46.83 -0.89 0.65	49.54 -0.89 0.47	49.01 -0.71 0.00	48.40 -0.60 0.00	48.05 -0.57 0.00	48.69 -0.74 0.00	49.30 -0.98 0.00	44.49 -0.76 0.00	37.46 -0.51 0.23
ALBANY___4 23574	47.87 -0.33 0.00	40.75 0.06 0.00	34.81 0.47 0.00	33.31 0.67 0.00	31.25 0.64 0.00	38.48 0.58 0.00	38.25 0.34 0.00	32.52 0.11 0.00	39.22 -0.10 0.00	41.66 -0.43 0.00	38.96 -0.57 3.83	48.17 -1.05 1.49	52.60 -1.28 4.03	59.67 -1.41 3.07	45.98 -0.86 2.13	46.83 -0.89 0.65	49.54 -0.89 0.47	49.01 -0.71 0.00	48.40 -0.60 0.00	48.05 -0.57 0.00	48.69 -0.74 0.00	49.30 -0.98 0.00	44.49 -0.76 0.00	37.46 -0.51 0.23
ALBANY___LFGE 323615	48.49 0.29 0.00	41.26 0.56 0.00	35.18 0.84 0.00	33.63 1.00 0.00	31.56 0.94 0.00	38.86 0.96 0.00	38.61 0.71 0.00	32.85 0.43 0.00	39.65 0.32 0.00	42.13 0.04 0.00	39.09 -0.08 4.18	48.67 -0.40 1.63	52.96 -0.55 4.41	60.27 -0.52 3.35	46.46 -0.18 2.32	47.46 -0.20 0.71	50.29 -0.10 0.51	49.80 0.08 0.00	49.17 0.17 0.00	48.78 0.17 0.00	49.42 -0.01 0.00	50.04 -0.24 0.00	45.12 -0.14 0.00	37.93 -0.01 0.25
ALCOA_PA_115KV_PL-6C 55860	48.78 0.58 0.00	40.95 0.26 0.00	34.47 0.12 0.00	32.56 -0.07 0.00	30.52 -0.09 0.00	37.95 0.05 0.00	38.18 0.28 0.00	32.83 0.41 0.00	40.06 0.73 0.00	42.98 0.89 0.00	44.15 0.80 0.00	51.82 1.12 0.00	59.13 1.23 0.00	65.44 1.30 0.00	49.70 0.74 0.00	49.03 0.67 0.00	51.28 0.38 0.00	49.84 0.11 0.00	49.13 0.12 0.00	48.88 0.27 0.00	50.03 0.60 0.00	51.32 1.05 0.00	46.07 0.81 0.00	38.74 0.55 0.00
ALCOA_RYNLDS___DRP 24188	48.78 0.58 0.00	40.95 0.26 0.00	34.47 0.12 0.00	32.56 -0.07 0.00	30.52 -0.09 0.00	37.95 0.05 0.00	38.18 0.28 0.00	32.83 0.41 0.00	40.06 0.73 0.00	42.98 0.89 0.00	44.15 0.80 0.00	51.82 1.12 0.00	59.13 1.23 0.00	65.44 1.30 0.00	49.70 0.74 0.00	49.03 0.67 0.00	51.28 0.38 0.00	49.84 0.11 0.00	49.13 0.12 0.00	48.88 0.27 0.00	50.03 0.60 0.00	51.32 1.05 0.00	46.07 0.81 0.00	38.74 0.55 0.00
ALCOA___DSASP 323711	48.78 0.58 0.00	40.95 0.26 0.00	34.47 0.12 0.00	32.56 -0.07 0.00	30.52 -0.09 0.00	37.95 0.05 0.00	38.18 0.28 0.00	32.83 0.41 0.00	40.05 0.73 0.00	42.98 0.89 0.00	44.15 0.80 0.00	51.82 1.12 0.00	59.14 1.23 0.00	65.44 1.30 0.00	49.70 0.74 0.00	49.03 0.67 0.00	51.28 0.38 0.00	49.84 0.11 0.00	49.13 0.12 0.00	48.89 0.27 0.00	50.03 0.60 0.00	51.32 1.05 0.00	46.07 0.81 0.00	38.74 0.55 0.00
ALLEGHENY___COGEN 23514	50.05 1.85 0.00	41.97 1.27 0.00	35.02 0.67 0.00	33.19 0.56 0.00	31.05 0.44 0.00	38.57 0.67 0.00	38.56 0.65 0.00	32.57 0.15 0.00	39.32 0.00 0.00	41.95 -0.14 0.00	43.57 0.22 0.00	51.78 1.08 0.00	59.13 1.22 0.00	65.45 1.31 0.00	49.78 0.82 0.00	49.37 1.01 0.00	53.08 2.19 0.00	52.50 2.78 0.00	52.30 3.30 0.00	51.90 3.29 0.00	52.50 3.08 0.00	53.51 3.24 0.00	47.86 2.61 0.00	40.10 1.90 0.00
ALTAMONT_115KV_TB 2 55880	48.57 0.37 0.00	41.29 0.60 0.00	35.08 0.73 0.00	33.49 0.86 0.00	31.47 0.86 0.00	38.78 0.88 0.00	38.60 0.69 0.00	32.82 0.41 0.00	39.65 0.33 0.00	42.22 0.13 0.00	40.90 0.04 2.49	49.53 -0.20 0.97	54.99 -0.30 2.63	61.81 -0.33 2.00	47.47 -0.11 1.39	47.81 -0.14 0.42	50.53 -0.06 0.31	49.83 0.11 0.00	49.21 0.20 0.00	48.86 0.24 0.00	49.51 0.07 0.00	50.15 -0.12 0.00	45.25 -0.01 0.00	38.12 0.08 0.15
ALTONA_WT_PWR 323606	48.57 0.37 0.00	41.01 0.32 0.00	34.57 0.23 0.00	32.69 0.06 0.00	30.60 -0.01 0.00	37.96 0.06 0.00	38.13 0.22 0.00	32.78 0.37 0.00	39.93 0.60 0.00	42.84 0.75 0.00	43.97 0.61 0.00	51.66 0.96 0.00	58.98 1.07 0.00	65.10 0.95 0.00	49.51 0.55 0.00	48.82 0.46 0.00	51.24 0.34 0.00	49.84 0.12 0.00	49.15 0.14 0.00	48.82 0.21 0.00	49.91 0.48 0.00	50.95 0.67 0.00	45.70 0.45 0.00	38.55 0.36 0.00
AMERICAN_REF_FUEL 24010	47.56 -0.64 0.00	40.06 -0.63 0.00	33.32 -1.02 0.00	31.58 -1.05 0.00	29.51 -1.10 0.00	36.79 -1.11 0.00	36.73 -1.17 0.00	31.00 -1.42 0.00	38.20 -1.12 0.00	41.55 -0.55 0.00	43.43 0.08 0.00	51.62 0.92 0.00	58.78 0.87 0.00	64.66 0.51 0.00	48.61 -0.35 0.00	48.24 -0.12 0.00	51.71 0.81 0.00	50.74 1.01 0.00	49.68 0.68 0.00	48.80 0.18 0.00	48.97 -0.46 0.00	49.88 -0.39 0.00	44.91 -0.34 0.00	37.90 -0.29 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	49.37 1.17 0.00	41.70 1.00 0.00	34.60 0.25 0.00	32.79 0.15 0.00	30.70 0.09 0.00	38.27 0.37 0.00	38.19 0.28 0.00	32.29 -0.13 0.00	39.48 0.16 0.00	42.85 0.75 0.00	44.89 1.54 0.00	53.49 2.78 0.00	61.14 3.23 0.00	67.64 3.49 0.00	50.88 1.91 0.00	50.41 2.04 0.00	54.15 3.25 0.00	53.28 3.55 0.00	52.33 3.33 0.00	51.27 2.65 0.00	51.12 1.69 0.00	51.62 1.34 0.00	46.22 0.97 0.00	38.86 0.67 0.00
ARTHUR KILL_GT_1 23520	50.44 2.24 0.00	43.13 2.44 0.00	37.69 2.06 -1.29	34.59 1.96 0.00	32.37 1.76 0.00	39.67 1.76 0.00	39.63 1.73 0.00	33.91 1.50 0.00	41.19 1.87 0.00	44.04 1.95 0.00	50.52 1.96 -5.21	54.36 1.63 -2.03	65.43 2.05 -5.47	70.68 2.38 -4.16	54.16 2.31 -2.89	51.63 2.38 -0.89	53.81 2.27 -0.63	52.23 2.51 0.00	51.15 2.15 0.00	50.77 2.15 0.00	50.96 1.52 -0.01	51.27 1.00 0.01	47.02 1.76 -0.01	40.27 1.77 -0.31
ARTHUR_KILL_2 23512	50.25 2.05 0.00	42.97 2.28 0.00	37.56 1.92 -1.29	34.46 1.83 0.00	32.25 1.64 0.00	39.52 1.62 0.00	39.49 1.58 0.00	33.78 1.37 0.00	41.05 1.73 0.00	43.88 1.79 0.00	50.37 1.82 -5.20	54.16 1.43 -2.02	65.20 1.81 -5.47	70.44 2.13 -4.16	53.92 2.07 -2.89	51.40 2.15 -0.89	53.59 2.06 -0.63	52.02 2.30 0.00	50.94 1.94 0.00	50.55 1.93 0.00	50.73 1.29 -0.01	51.03 0.76 0.01	46.84 1.58 -0.01	40.13 1.62 -0.31
ARTHUR_KILL_3 23513	50.27 2.07 0.00	42.95 2.25 0.00	37.55 1.92 -1.30	34.50 1.87 0.00	32.29 1.68 0.00	39.60 1.70 0.00	39.44 1.53 0.00	33.78 1.37 0.00	41.05 1.73 0.00	43.93 1.84 0.00	50.53 1.97 -5.21	54.43 1.70 -2.03	65.37 1.98 -5.48	70.56 2.25 -4.17	54.05 2.20 -2.89	51.43 2.18 -0.88	53.66 2.12 -0.64	51.98 2.26 0.00	50.90 1.90 0.00	50.48 1.86 0.00	50.85 1.42 0.00	51.21 0.94 0.00	46.69 1.43 0.00	40.03 1.53 -0.31

ARTHUR_KILL_COGEN 323718	50.45 2.24 0.00	43.14 2.44 0.00	37.69 2.06 -1.29	34.59 1.96 0.00	32.37 1.76 0.00	39.67 1.77 0.00	39.63 1.73 0.00	33.91 1.49 0.00	41.19 1.87 0.00	44.04 1.95 0.00	50.53 1.98 -5.20	54.35 1.63 -2.02	65.42 2.04 -5.47	70.69 2.39 -4.16	54.12 2.26 -2.89	51.61 2.36 -0.89	53.80 2.27 -0.63	52.23 2.51 0.00	51.15 2.14 0.00	50.76 2.14 0.00	50.95 1.51 -0.01	51.25 0.98 0.01	47.03 1.77 -0.01	40.28 1.77 -0.31
ASHOKAN____ 23654	50.33 2.12 0.00	42.62 1.93 0.00	36.17 1.83 0.00	34.48 1.84 0.00	32.35 1.74 0.00	39.78 1.87 0.00	39.59 1.68 0.00	33.76 1.35 0.00	40.90 1.57 0.00	43.56 1.46 0.00	45.20 1.85 0.00	52.74 2.04 0.00	60.32 2.41 0.00	67.06 2.91 0.00	51.54 2.58 0.00	50.75 2.38 0.00	53.58 2.68 0.00	52.38 2.66 0.00	51.75 2.75 0.00	51.24 2.62 0.00	51.83 2.40 0.00	52.27 2.00 0.00	47.09 1.84 0.00	39.91 1.71 0.00
ASTORIA_EAST_ENERGY_CC1 323581	50.55 2.34 0.00	43.25 2.55 0.00	37.77 2.13 -1.29	34.67 2.04 0.00	32.38 1.77 0.00	39.58 1.68 0.00	39.55 1.65 0.00	33.85 1.43 0.00	41.10 1.78 0.00	43.94 1.85 0.00	50.50 1.95 -5.20	54.50 1.77 -2.03	65.33 1.93 -5.49	70.48 2.16 -4.17	53.90 2.05 -2.89	51.36 2.11 -0.88	53.57 2.02 -0.64	51.92 2.20 -0.01	50.82 1.80 -0.01	50.74 1.80 -0.32	50.86 1.33 -0.10	51.31 0.84 -0.19	46.81 1.55 -0.01	40.20 1.68 -0.32
ASTORIA_EAST_ENERGY_CC2 323582	50.55 2.34 0.00	43.25 2.55 0.00	37.77 2.13 -1.29	34.67 2.04 0.00	32.38 1.77 0.00	39.58 1.68 0.00	39.55 1.65 0.00	33.85 1.43 0.00	41.10 1.78 0.00	43.94 1.85 0.00	50.50 1.95 -5.20	54.50 1.77 -2.03	65.33 1.93 -5.49	70.48 2.16 -4.17	53.90 2.05 -2.89	51.36 2.11 -0.88	53.57 2.02 -0.64	51.92 2.20 -0.01	50.82 1.80 -0.01	50.74 1.80 -0.32	50.86 1.33 -0.10	51.31 0.84 -0.19	46.81 1.55 -0.01	40.20 1.68 -0.32
ASTORIA_GT2_1 24094	50.58 2.38 0.00	43.26 2.57 0.00	37.79 2.15 -1.29	34.68 2.05 0.00	32.40 1.79 0.00	39.60 1.70 0.00	39.57 1.66 0.00	33.87 1.46 0.00	41.10 1.78 0.00	43.96 1.87 0.00	50.51 1.95 -5.21	54.55 1.81 -2.04	65.37 1.97 -5.49	70.54 2.22 -4.17	53.99 2.13 -2.89	51.40 2.16 -0.88	53.61 2.06 -0.65	51.94 2.21 -0.01	50.84 1.82 -0.01	50.77 1.83 -0.32	50.91 1.38 -0.09	51.35 0.88 -0.19	46.83 1.57 0.00	40.21 1.70 -0.31
ASTORIA_GT2_2 24095	50.58 2.38 0.00	43.26 2.57 0.00	37.79 2.15 -1.29	34.68 2.05 0.00	32.40 1.79 0.00	39.60 1.70 0.00	39.57 1.66 0.00	33.87 1.46 0.00	41.10 1.78 0.00	43.96 1.87 0.00	50.51 1.95 -5.21	54.55 1.81 -2.04	65.37 1.97 -5.49	70.54 2.22 -4.17	53.99 2.13 -2.89	51.40 2.16 -0.88	53.61 2.06 -0.65	51.94 2.21 -0.01	50.84 1.82 -0.01	50.77 1.83 -0.32	50.91 1.38 -0.09	51.35 0.88 -0.19	46.83 1.57 0.00	40.21 1.70 -0.31
ASTORIA_GT2_3 24096	50.58 2.38 0.00	43.26 2.57 0.00	37.79 2.15 -1.29	34.68 2.05 0.00	32.40 1.79 0.00	39.60 1.70 0.00	39.57 1.66 0.00	33.87 1.46 0.00	41.10 1.78 0.00	43.96 1.87 0.00	50.51 1.95 -5.21	54.55 1.81 -2.04	65.37 1.97 -5.49	70.54 2.22 -4.17	53.99 2.13 -2.89	51.40 2.16 -0.88	53.61 2.06 -0.65	51.94 2.21 -0.01	50.84 1.82 -0.01	50.77 1.83 -0.32	50.91 1.38 -0.09	51.35 0.88 -0.19	46.83 1.57 0.00	40.21 1.70 -0.31
ASTORIA_GT2_4 24097	50.58 2.38 0.00	43.26 2.57 0.00	37.79 2.15 -1.29	34.68 2.05 0.00	32.40 1.79 0.00	39.60 1.70 0.00	39.57 1.66 0.00	33.87 1.46 0.00	41.10 1.78 0.00	43.96 1.87 0.00	50.51 1.95 -5.21	54.55 1.81 -2.04	65.37 1.97 -5.49	70.54 2.22 -4.17	53.99 2.13 -2.89	51.40 2.16 -0.88	53.61 2.06 -0.65	51.94 2.21 -0.01	50.84 1.82 -0.01	50.77 1.83 -0.32	50.91 1.38 -0.09	51.35 0.88 -0.19	46.83 1.57 0.00	40.21 1.70 -0.31
ASTORIA_GT3_1 24098	50.58 2.38 0.00	43.26 2.57 0.00	37.79 2.15 -1.29	34.68 2.05 0.00	32.40 1.79 0.00	39.60 1.70 0.00	39.57 1.66 0.00	33.87 1.46 0.00	41.10 1.78 0.00	43.96 1.87 0.00	50.51 1.95 -5.21	54.55 1.81 -2.04	65.37 1.97 -5.49	70.54 2.22 -4.17	53.99 2.13 -2.89	51.40 2.16 -0.88	53.61 2.06 -0.65	51.94 2.21 -0.01	50.84 1.82 -0.01	50.77 1.83 -0.32	50.91 1.38 -0.09	51.35 0.88 -0.19	46.83 1.57 0.00	40.21 1.70 -0.31
ASTORIA_GT3_2 24099	50.58 2.38 0.00	43.26 2.57 0.00	37.79 2.15 -1.29	34.68 2.05 0.00	32.40 1.79 0.00	39.60 1.70 0.00	39.57 1.66 0.00	33.87 1.46 0.00	41.10 1.78 0.00	43.96 1.87 0.00	50.51 1.95 -5.21	54.55 1.81 -2.04	65.37 1.97 -5.49	70.54 2.22 -4.17	53.99 2.13 -2.89	51.40 2.16 -0.88	53.61 2.06 -0.65	51.94 2.21 -0.01	50.84 1.82 -0.01	50.77 1.83 -0.32	50.91 1.38 -0.09	51.35 0.88 -0.19	46.83 1.57 0.00	40.21 1.70 -0.31
ASTORIA_GT3_3 24100	50.58 2.38 0.00	43.26 2.57 0.00	37.79 2.15 -1.29	34.68 2.05 0.00	32.40 1.79 0.00	39.60 1.70 0.00	39.57 1.66 0.00	33.87 1.46 0.00	41.10 1.78 0.00	43.96 1.87 0.00	50.51 1.95 -5.21	54.55 1.81 -2.04	65.37 1.97 -5.49	70.54 2.22 -4.17	53.99 2.13 -2.89	51.40 2.16 -0.88	53.61 2.06 -0.65	51.94 2.21 -0.01	50.84 1.82 -0.01	50.77 1.83 -0.32	50.91 1.38 -0.09	51.35 0.88 -0.19	46.83 1.57 0.00	40.21 1.70 -0.31
ASTORIA_GT3_4 24101	50.58 2.38 0.00	43.26 2.57 0.00	37.79 2.15 -1.29	34.68 2.05 0.00	32.40 1.79 0.00	39.60 1.70 0.00	39.57 1.66 0.00	33.87 1.46 0.00	41.10 1.78 0.00	43.96 1.87 0.00	50.51 1.95 -5.21	54.55 1.81 -2.04	65.37 1.97 -5.49	70.54 2.22 -4.17	53.99 2.13 -2.89	51.40 2.16 -0.88	53.61 2.06 -0.65	51.94 2.21 -0.01	50.84 1.82 -0.01	50.77 1.83 -0.32	50.91 1.38 -0.09	51.35 0.88 -0.19	46.83 1.57 0.00	40.21 1.70 -0.31
ASTORIA_GT4_1 24102	50.58 2.38 0.00	43.26 2.57 0.00	37.79 2.15 -1.29	34.68 2.05 0.00	32.40 1.79 0.00	39.60 1.70 0.00	39.57 1.66 0.00	33.87 1.46 0.00	41.10 1.78 0.00	43.96 1.87 0.00	50.51 1.95 -5.21	54.55 1.81 -2.04	65.37 1.97 -5.49	70.54 2.22 -4.17	53.99 2.13 -2.89	51.40 2.16 -0.88	53.61 2.06 -0.65	51.94 2.21 -0.01	50.84 1.82 -0.01	50.77 1.83 -0.32	50.91 1.38 -0.09	51.35 0.88 -0.19	46.83 1.57 0.00	40.21 1.70 -0.31
ASTORIA_GT4_2 24103	50.58 2.38 0.00	43.26 2.57 0.00	37.79 2.15 -1.29	34.68 2.05 0.00	32.40 1.79 0.00	39.60 1.70 0.00	39.57 1.66 0.00	33.87 1.46 0.00	41.10 1.78 0.00	43.96 1.87 0.00	50.51 1.95 -5.21	54.55 1.81 -2.04	65.37 1.97 -5.49	70.54 2.22 -4.17	53.99 2.13 -2.89	51.40 2.16 -0.88	53.61 2.06 -0.65	51.94 2.21 -0.01	50.84 1.82 -0.01	50.77 1.83 -0.32	50.91 1.38 -0.09	51.35 0.88 -0.19	46.83 1.57 0.00	40.21 1.70 -0.31
ASTORIA_GT4_3 24104	50.58 2.38 0.00	43.26 2.57 0.00	37.79 2.15 -1.29	34.68 2.05 0.00	32.40 1.79 0.00	39.60 1.70 0.00	39.57 1.66 0.00	33.87 1.46 0.00	41.10 1.78 0.00	43.96 1.87 0.00	50.51 1.95 -5.21	54.55 1.81 -2.04	65.37 1.97 -5.49	70.54 2.22 -4.17	53.99 2.13 -2.89	51.40 2.16 -0.88	53.61 2.06 -0.65	51.94 2.21 -0.01	50.84 1.82 -0.01	50.77 1.83 -0.32	50.91 1.38 -0.09	51.35 0.88 -0.19	46.83 1.57 0.00	40.21 1.70 -0.31

ASTORIA_GT4_4 24105	50.58 2.38 0.00	43.26 2.57 0.00	37.79 2.15 -1.29	34.68 2.05 0.00	32.40 1.79 0.00	39.60 1.70 0.00	39.57 1.66 0.00	33.87 1.46 0.00	41.10 1.78 0.00	43.96 1.87 0.00	50.51 1.95 -5.21	54.55 1.81 -2.04	65.37 1.97 -5.49	70.54 2.22 -4.17	53.99 2.13 -2.89	51.40 2.16 -0.88	53.61 2.06 -0.65	51.94 2.21 -0.01	50.84 1.82 -0.01	50.77 1.83 -0.32	50.91 1.38 -0.09	51.35 0.88 -0.19	46.83 1.57 0.00	40.21 1.70 -0.31
ASTORIA_GT_1 23523	50.68 2.48 0.00	43.34 2.65 0.00	37.84 2.21 -1.29	34.74 2.10 0.00	32.45 1.84 0.00	39.66 1.76 0.00	39.64 1.74 0.00	33.94 1.52 0.00	41.18 1.86 0.00	44.06 1.97 0.00	50.61 2.05 -5.21	54.67 1.93 -2.04	65.50 2.10 -5.49	70.68 2.36 -4.17	54.09 2.24 -2.89	51.53 2.28 -0.88	53.72 2.17 -0.65	52.07 2.35 -0.01	50.97 1.95 -0.01	50.88 1.94 -0.32	51.01 1.48 -0.09	51.46 1.00 -0.19	46.94 1.69 0.00	40.29 1.79 -0.31
ASTORIA_GT_10 24110	50.33 2.12 0.00	43.08 2.39 0.00	37.70 2.06 -1.29	34.60 1.97 0.00	32.35 1.73 0.00	39.56 1.66 0.00	39.49 1.58 0.00	33.81 1.40 0.00	41.08 1.75 0.00	43.93 1.84 0.00	50.42 1.86 -5.21	54.25 1.60 -1.94	52.65 1.83 7.10	53.48 2.10 12.77	51.14 2.05 -0.12	51.09 2.07 -0.66	50.95 1.97 1.92	50.14 2.11 1.69	50.36 1.71 0.37	50.22 1.74 0.14	49.96 1.26 0.73	50.14 0.79 0.92	46.70 1.45 0.00	40.06 1.55 -0.31
ASTORIA_GT_11 24225	50.33 2.12 0.00	43.08 2.39 0.00	37.70 2.06 -1.29	34.60 1.97 0.00	32.35 1.73 0.00	39.56 1.66 0.00	39.49 1.58 0.00	33.81 1.40 0.00	41.08 1.75 0.00	43.93 1.84 0.00	50.42 1.86 -5.21	54.25 1.60 -1.94	52.65 1.83 7.10	53.48 2.10 12.77	51.14 2.05 -0.12	51.09 2.07 -0.66	50.95 1.97 1.92	50.14 2.11 1.69	50.36 1.71 0.37	50.22 1.74 0.14	49.96 1.26 0.73	50.14 0.79 0.92	46.70 1.45 0.00	40.06 1.55 -0.31
ASTORIA_GT_12 24226	50.33 2.12 0.00	43.08 2.39 0.00	37.70 2.06 -1.29	34.60 1.97 0.00	32.35 1.73 0.00	39.56 1.66 0.00	39.49 1.58 0.00	33.81 1.40 0.00	41.08 1.75 0.00	43.93 1.84 0.00	50.42 1.86 -5.21	54.25 1.60 -1.94	52.65 1.83 7.10	53.48 2.10 12.77	51.14 2.05 -0.12	51.09 2.07 -0.66	50.95 1.97 1.92	50.14 2.11 1.69	50.36 1.71 0.37	50.22 1.74 0.14	49.96 1.26 0.73	50.14 0.79 0.92	46.70 1.45 0.00	40.06 1.55 -0.31
ASTORIA_GT_13 24227	50.33 2.12 0.00	43.08 2.39 0.00	37.70 2.06 -1.29	34.60 1.97 0.00	32.35 1.73 0.00	39.56 1.66 0.00	39.49 1.58 0.00	33.81 1.40 0.00	41.08 1.75 0.00	43.93 1.84 0.00	50.42 1.86 -5.21	54.25 1.60 -1.94	52.65 1.83 7.10	53.48 2.10 12.77	51.14 2.05 -0.12	51.09 2.07 -0.66	50.95 1.97 1.92	50.14 2.11 1.69	50.36 1.71 0.37	50.22 1.74 0.14	49.96 1.26 0.73	50.14 0.79 0.92	46.70 1.45 0.00	40.06 1.55 -0.31
ASTORIA_GT_5 24106	50.68 2.48 0.00	43.34 2.65 0.00	37.84 2.21 -1.29	34.74 2.10 0.00	32.45 1.84 0.00	39.66 1.76 0.00	39.64 1.74 0.00	33.94 1.52 0.00	41.18 1.86 0.00	44.06 1.97 0.00	50.61 2.05 -5.21	54.67 1.93 -2.04	65.50 2.10 -5.49	70.68 2.36 -4.17	54.09 2.24 -2.89	51.53 2.28 -0.88	53.72 2.17 -0.65	52.07 2.35 -0.01	50.97 1.95 -0.01	50.88 1.94 -0.32	51.01 1.48 -0.09	51.46 1.00 -0.19	46.94 1.69 0.00	40.29 1.79 -0.31
ASTORIA_GT_7 24107	50.68 2.48 0.00	43.34 2.65 0.00	37.84 2.21 -1.29	34.74 2.10 0.00	32.45 1.84 0.00	39.66 1.76 0.00	39.64 1.74 0.00	33.94 1.52 0.00	41.18 1.86 0.00	44.06 1.97 0.00	50.61 2.05 -5.21	54.67 1.93 -2.04	65.50 2.10 -5.49	70.68 2.36 -4.17	54.09 2.24 -2.89	51.53 2.28 -0.88	53.72 2.17 -0.65	52.07 2.35 -0.01	50.97 1.95 -0.01	50.88 1.94 -0.32	51.01 1.48 -0.09	51.46 1.00 -0.19	46.94 1.69 0.00	40.29 1.79 -0.31
ASTORIA_GT_8 24108	50.68 2.48 0.00	43.34 2.65 0.00	37.84 2.21 -1.29	34.74 2.10 0.00	32.45 1.84 0.00	39.66 1.76 0.00	39.64 1.74 0.00	33.94 1.52 0.00	41.18 1.86 0.00	44.06 1.97 0.00	50.61 2.05 -5.21	54.67 1.93 -2.04	65.50 2.10 -5.49	70.68 2.36 -4.17	54.09 2.24 -2.89	51.53 2.28 -0.88	53.72 2.17 -0.65	52.07 2.35 -0.01	50.97 1.95 -0.01	50.88 1.94 -0.32	51.01 1.48 -0.09	51.46 1.00 -0.19	46.94 1.69 0.00	40.29 1.79 -0.31
ASTORIA___2 24149	50.58 2.37 0.00	43.27 2.57 0.00	37.79 2.15 -1.29	34.68 2.05 0.00	32.40 1.79 0.00	39.60 1.70 0.00	39.57 1.66 0.00	33.87 1.46 0.00	41.10 1.78 0.00	43.96 1.87 0.00	50.53 1.98 -5.20	54.54 1.80 -2.03	65.38 1.98 -5.49	70.53 2.21 -4.17	53.94 2.09 -2.89	51.39 2.14 -0.88	53.60 2.06 -0.64	51.94 2.21 -0.01	50.84 1.82 -0.01	50.76 1.83 -0.32	50.89 1.37 -0.10	51.33 0.86 -0.19	46.84 1.58 -0.01	40.21 1.70 -0.32
ASTORIA___3 23516	50.33 2.13 0.00	43.08 2.39 0.00	37.70 2.06 -1.29	34.60 1.97 0.00	32.34 1.73 0.00	39.56 1.66 0.00	39.49 1.58 0.00	33.81 1.39 0.00	41.08 1.76 0.00	43.93 1.84 0.00	50.44 1.88 -5.20	54.23 1.60 -1.93	52.64 1.83 7.10	53.47 2.09 12.77	51.09 2.01 -0.12	51.08 2.05 -0.66	50.95 1.96 1.92	50.14 2.11 1.69	50.34 1.71 0.37	50.21 1.73 0.14	49.94 1.24 0.73	50.13 0.78 0.92	46.70 1.45 0.00	40.06 1.55 -0.31
ASTORIA___4 23517	50.33 2.12 0.00	43.08 2.39 0.00	37.70 2.06 -1.29	34.60 1.97 0.00	32.35 1.73 0.00	39.56 1.66 0.00	39.49 1.58 0.00	33.81 1.40 0.00	41.08 1.75 0.00	43.93 1.84 0.00	50.42 1.86 -5.21	54.24 1.60 -1.94	52.64 1.82 7.10	53.47 2.09 12.77	51.14 2.05 -0.12	51.09 2.07 -0.66	50.95 1.96 1.92	50.14 2.11 1.69	50.35 1.71 0.37	50.22 1.74 0.14	49.96 1.26 0.73	50.14 0.79 0.92	46.70 1.45 0.00	40.06 1.55 -0.31
ASTORIA___5 23518	50.33 2.13 0.00	43.08 2.38 0.00	37.70 2.06 -1.29	34.60 1.97 0.00	32.34 1.73 0.00	39.56 1.66 0.00	39.49 1.58 0.00	33.81 1.39 0.00	41.08 1.76 0.00	43.93 1.84 0.00	50.44 1.88 -5.20	54.23 1.60 -1.93	52.64 1.83 7.10	53.47 2.09 12.77	51.09 2.01 -0.12	51.08 2.05 -0.66	50.95 1.96 1.92	50.14 2.11 1.69	50.34 1.71 0.37	50.21 1.73 0.14	49.94 1.24 0.73	50.13 0.78 0.92	46.70 1.45 0.00	40.06 1.55 -0.31
AST_ENERGY_2_CC3 323677	50.43 2.23 0.00	43.06 2.36 0.00	37.66 2.03 -1.30	34.61 1.98 0.00	32.41 1.80 0.00	39.73 1.82 0.00	39.55 1.65 0.00	33.91 1.49 0.00	41.18 1.86 0.00	44.06 1.97 0.00	50.67 2.11 -5.21	54.69 1.96 -2.03	65.64 2.25 -5.48	70.88 2.57 -4.17	54.26 2.40 -2.89	51.62 2.37 -0.88	53.88 2.35 -0.64	52.17 2.45 0.00	51.03 2.03 0.00	50.58 1.97 0.00	51.01 1.58 0.00	51.34 1.06 0.00	46.77 1.52 0.00	40.11 1.61 -0.31
AST_ENERGY_2_CC4 323678	50.43 2.23 0.00	43.06 2.36 0.00	37.66 2.03 -1.30	34.61 1.98 0.00	32.41 1.80 0.00	39.73 1.82 0.00	39.55 1.65 0.00	33.91 1.49 0.00	41.18 1.86 0.00	44.06 1.97 0.00	50.67 2.11 -5.21	54.69 1.96 -2.03	65.64 2.25 -5.48	70.88 2.57 -4.17	54.26 2.40 -2.89	51.62 2.37 -0.88	53.88 2.35 -0.64	52.17 2.45 0.00	51.03 2.03 0.00	50.58 1.97 0.00	51.01 1.58 0.00	51.34 1.06 0.00	46.77 1.52 0.00	40.11 1.61 -0.31

ATHENS_STG_1 23668	48.78 0.58 0.00	41.50 0.81 0.00	35.35 0.81 -0.20	33.56 0.92 0.00	31.56 0.94 0.00	38.83 0.93 0.00	38.65 0.75 0.00	32.89 0.47 0.00	39.79 0.46 0.00	42.44 0.35 0.00	45.82 0.33 -2.13	51.67 0.13 -0.83	60.30 0.15 -2.24	66.07 0.23 -1.70	50.49 0.34 -1.19	49.01 0.29 -0.36	51.46 0.29 -0.26	50.19 0.47 0.00	49.44 0.44 0.00	49.05 0.44 0.00	49.64 0.21 0.00	50.22 -0.05 0.00	45.38 0.13 0.00	38.59 0.27 -0.13
ATHENS_STG_2 23670	48.78 0.58 0.00	41.50 0.81 0.00	35.35 0.81 -0.20	33.56 0.92 0.00	31.56 0.94 0.00	38.83 0.93 0.00	38.65 0.75 0.00	32.89 0.47 0.00	39.79 0.46 0.00	42.44 0.35 0.00	45.82 0.33 -2.13	51.67 0.13 -0.83	60.30 0.15 -2.24	66.07 0.23 -1.70	50.49 0.34 -1.19	49.01 0.29 -0.36	51.46 0.29 -0.26	50.19 0.47 0.00	49.44 0.44 0.00	49.05 0.44 0.00	49.64 0.21 0.00	50.22 -0.05 0.00	45.38 0.13 0.00	38.59 0.27 -0.13
ATHENS_STG_3 23677	48.78 0.58 0.00	41.50 0.81 0.00	35.35 0.81 -0.20	33.56 0.92 0.00	31.56 0.94 0.00	38.83 0.93 0.00	38.65 0.75 0.00	32.89 0.47 0.00	39.79 0.46 0.00	42.44 0.35 0.00	45.82 0.33 -2.13	51.67 0.13 -0.83	60.30 0.15 -2.24	66.07 0.23 -1.70	50.49 0.34 -1.19	49.01 0.29 -0.36	51.46 0.29 -0.26	50.19 0.47 0.00	49.44 0.44 0.00	49.05 0.44 0.00	49.64 0.21 0.00	50.22 -0.05 0.00	45.38 0.13 0.00	38.59 0.27 -0.13
AUBURN____LFGE 323710	48.53 0.33 0.00	41.22 0.53 0.00	34.66 0.31 0.00	32.95 0.32 0.00	30.88 0.27 0.00	38.24 0.34 0.00	38.07 0.17 0.00	32.47 0.06 0.00	39.36 0.04 0.00	42.16 0.07 0.00	43.49 0.14 0.00	51.20 0.49 0.00	58.56 0.61 -0.04	65.73 0.79 -0.79	49.50 0.53 0.00	49.01 0.64 0.00	52.15 1.19 -0.07	51.32 1.51 -0.08	50.72 1.72 0.00	50.19 1.57 0.00	50.77 1.34 0.00	51.48 1.21 0.00	46.11 0.86 0.00	38.76 0.57 0.00
BABYLON_RES_REC 323704	49.80 1.60 0.00	42.84 2.15 0.00	37.58 1.95 -1.29	34.47 1.84 0.00	32.26 1.65 0.00	39.49 1.59 0.00	39.04 1.14 0.00	32.87 1.03 0.58	40.30 1.41 0.43	43.47 1.38 0.00	50.77 2.21 -5.21	54.24 1.51 -2.03	64.46 1.06 -5.48	69.76 1.44 -4.17	53.37 1.51 -2.89	50.67 1.42 -0.88	52.63 1.09 -0.64	50.91 1.19 0.00	41.16 0.68 8.53	37.56 0.73 11.78	30.40 0.46 19.49	30.45 -0.03 19.80	45.88 0.62 0.00	39.60 1.09 -0.31
BALL_HILL_WT_PWR 323825	48.68 0.48 0.00	41.11 0.42 0.00	34.16 -0.18 0.00	32.38 -0.25 0.00	30.31 -0.31 0.00	37.77 -0.13 0.00	37.70 -0.21 0.00	31.89 -0.53 0.00	39.04 -0.28 0.00	42.44 0.35 0.00	44.46 1.11 0.00	52.84 2.14 0.00	60.30 2.39 0.00	66.66 2.52 0.00	50.14 1.18 0.00	49.71 1.35 0.00	53.28 2.38 0.00	52.34 2.62 0.00	51.36 2.35 0.00	50.39 1.77 0.00	50.57 1.14 0.00	51.29 1.02 0.00	46.08 0.83 0.00	38.82 0.63 0.00
BARON_WINDS____WT_PWR 323822	48.50 0.30 0.00	41.09 0.39 0.00	34.27 -0.07 0.00	32.55 -0.09 0.00	30.52 -0.10 0.00	37.94 0.03 0.00	37.83 -0.07 0.00	31.92 -0.50 0.00	38.52 -0.80 0.00	41.52 -0.57 0.00	43.35 0.00 0.00	51.27 0.57 0.00	58.64 0.72 -0.01	64.95 0.58 -0.22	48.94 -0.02 0.00	48.46 0.10 0.00	52.03 1.11 -0.02	51.25 1.51 -0.02	50.55 1.54 0.00	49.81 1.19 0.00	50.29 0.86 0.00	51.10 0.82 0.00	45.85 0.60 0.00	38.64 0.45 0.00
BARRETT_IC_1 23704	49.79 1.59 0.00	42.86 2.16 0.00	37.66 2.03 -1.29	34.60 1.96 0.00	32.37 1.76 0.00	39.60 1.69 0.00	39.20 1.29 0.00	38.82 1.14 -5.27	44.87 1.58 -3.97	43.68 1.58 0.00	50.82 2.27 -5.21	54.40 1.67 -2.03	64.91 1.52 -5.48	70.17 1.86 -4.17	53.69 1.84 -2.89	51.03 1.78 -0.88	53.14 1.60 -0.64	51.44 1.72 0.00	50.40 1.04 -0.35	51.44 0.94 -1.88	49.61 0.55 0.37	51.12 0.04 -0.81	45.95 0.69 0.00	39.62 1.11 -0.31
BARRETT_IC_10 23701	49.79 1.59 0.00	42.86 2.16 0.00	37.66 2.03 -1.29	34.60 1.96 0.00	32.37 1.76 0.00	39.60 1.69 0.00	39.20 1.29 0.00	38.82 1.14 -5.27	44.87 1.58 -3.97	43.68 1.58 0.00	50.82 2.27 -5.21	54.40 1.67 -2.03	64.91 1.52 -5.48	70.17 1.86 -4.17	53.69 1.84 -2.89	51.03 1.78 -0.88	53.14 1.60 -0.64	51.44 1.72 0.00	49.45 1.04 0.60	29.33 0.94 20.23	43.46 0.55 6.52	38.47 0.04 11.84	45.95 0.69 0.00	39.62 1.11 -0.31
BARRETT_IC_11 23702	49.79 1.59 0.00	42.86 2.16 0.00	37.66 2.03 -1.29	34.60 1.96 0.00	32.37 1.76 0.00	39.60 1.69 0.00	39.20 1.29 0.00	38.82 1.14 -5.27	44.87 1.58 -3.97	43.68 1.58 0.00	50.82 2.27 -5.21	54.40 1.67 -2.03	64.91 1.52 -5.48	70.17 1.86 -4.17	53.69 1.84 -2.89	51.03 1.78 -0.88	53.14 1.60 -0.64	51.44 1.72 0.00	49.45 1.04 0.60	29.33 0.94 20.23	43.46 0.55 6.52	38.47 0.04 11.84	45.95 0.69 0.00	39.62 1.11 -0.31
BARRETT_IC_12 23703	49.79 1.59 0.00	42.86 2.16 0.00	37.66 2.03 -1.29	34.60 1.96 0.00	32.37 1.76 0.00	39.60 1.69 0.00	39.20 1.29 0.00	38.82 1.14 -5.27	44.87 1.58 -3.97	43.68 1.58 0.00	50.82 2.27 -5.21	54.40 1.67 -2.03	64.91 1.52 -5.48	70.17 1.86 -4.17	53.69 1.84 -2.89	51.03 1.78 -0.88	53.14 1.60 -0.64	51.44 1.72 0.00	49.45 1.04 0.60	29.33 0.94 20.23	43.46 0.55 6.52	38.47 0.04 11.84	45.95 0.69 0.00	39.62 1.11 -0.31
BARRETT_IC_2 23705	49.79 1.59 0.00	42.86 2.16 0.00	37.66 2.03 -1.29	34.60 1.96 0.00	32.37 1.76 0.00	39.60 1.69 0.00	39.20 1.29 0.00	38.82 1.14 -5.27	44.87 1.58 -3.97	43.68 1.58 0.00	50.82 2.27 -5.21	54.40 1.67 -2.03	64.91 1.52 -5.48	70.17 1.86 -4.17	53.69 1.84 -2.89	51.03 1.78 -0.88	53.14 1.60 -0.64	51.44 1.72 0.00	50.40 1.04 -0.35	51.44 0.94 -1.88	49.61 0.55 0.37	51.12 0.04 -0.81	45.95 0.69 0.00	39.62 1.11 -0.31
BARRETT_IC_3 23706	49.79 1.59 0.00	42.86 2.16 0.00	37.66 2.03 -1.29	34.60 1.96 0.00	32.37 1.76 0.00	39.60 1.69 0.00	39.20 1.29 0.00	38.82 1.14 -5.27	44.87 1.58 -3.97	43.68 1.58 0.00	50.82 2.27 -5.21	54.40 1.67 -2.03	64.91 1.52 -5.48	70.17 1.86 -4.17	53.69 1.84 -2.89	51.03 1.78 -0.88	53.14 1.60 -0.64	51.44 1.72 0.00	50.40 1.04 -0.35	51.44 0.94 -1.88	49.61 0.55 0.37	51.12 0.04 -0.81	45.95 0.69 0.00	39.62 1.11 -0.31
BARRETT_IC_4 23707	49.79 1.59 0.00	42.86 2.16 0.00	37.66 2.03 -1.29	34.60 1.96 0.00	32.37 1.76 0.00	39.60 1.69 0.00	39.20 1.29 0.00	38.82 1.14 -5.27	44.87 1.58 -3.97	43.68 1.58 0.00	50.82 2.27 -5.21	54.40 1.67 -2.03	64.91 1.52 -5.48	70.17 1.86 -4.17	53.69 1.84 -2.89	51.03 1.78 -0.88	53.14 1.60 -0.64	51.44 1.72 0.00	50.40 1.04 -0.35	51.44 0.94 -1.88	49.61 0.55 0.37	51.12 0.04 -0.81	45.95 0.69 0.00	39.62 1.11 -0.31
BARRETT_IC_5 23708	49.79 1.59 0.00	42.86 2.16 0.00	37.66 2.03 -1.29	34.60 1.96 0.00	32.37 1.76 0.00	39.60 1.69 0.00	39.20 1.29 0.00	38.82 1.14 -5.27	44.87 1.58 -3.97	43.68 1.58 0.00	50.82 2.27 -5.21	54.40 1.67 -2.03	64.91 1.52 -5.48	70.17 1.86 -4.17	53.69 1.84 -2.89	51.03 1.78 -0.88	53.14 1.60 -0.64	51.44 1.72 0.00	50.40 1.04 -0.35	51.44 0.94 -1.88	49.61 0.55 0.37	51.12 0.04 -0.81	45.95 0.69 0.00	39.62 1.11 -0.31

BARRETT_IC_6 23709	49.79 1.59 0.00	42.86 2.16 0.00	37.66 2.03 -1.29	34.60 1.96 0.00	32.37 1.76 0.00	39.60 1.69 0.00	39.20 1.29 0.00	38.82 1.14 -5.27	44.87 1.58 -3.97	43.68 1.58 0.00	50.82 2.27 -5.21	54.40 1.67 -2.03	64.91 1.52 -5.48	70.17 1.86 -4.17	53.69 1.84 -2.89	51.03 1.78 -0.88	53.14 1.60 -0.64	51.44 1.72 0.00	50.40 1.04 -0.35	51.44 0.94 -1.88	49.61 0.55 0.37	51.12 0.04 -0.81	45.95 0.69 0.00	39.62 1.11 -0.31
BARRETT_IC_7 23710	49.79 1.58 0.00	42.86 2.16 0.00	37.66 2.03 -1.29	34.60 1.96 0.00	32.37 1.76 0.00	39.60 1.69 0.00	39.20 1.29 0.00	38.83 1.14 -5.27	44.87 1.58 -3.97	43.68 1.58 0.00	50.77 2.21 -5.21	54.39 1.66 -2.03	64.91 1.52 -5.48	70.18 1.86 -4.17	53.70 1.85 -2.89	51.03 1.78 -0.88	53.14 1.60 -0.64	51.44 1.72 0.00	50.41 1.05 -0.35	51.46 0.96 -1.88	49.61 0.55 0.37	51.13 0.05 -0.81	45.95 0.69 0.00	39.62 1.11 -0.31
BARRETT_IC_8 23711	49.79 1.59 0.00	42.86 2.16 0.00	37.66 2.03 -1.29	34.60 1.96 0.00	32.37 1.76 0.00	39.60 1.69 0.00	39.20 1.29 0.00	38.82 1.14 -5.27	44.87 1.58 -3.97	43.68 1.58 0.00	50.82 2.27 -5.21	54.40 1.67 -2.03	64.91 1.52 -5.48	70.17 1.86 -4.17	53.69 1.84 -2.89	51.03 1.78 -0.88	53.14 1.60 -0.64	51.44 1.72 0.00	50.40 1.04 -0.35	51.44 0.94 -1.88	49.61 0.55 0.37	51.12 0.04 -0.81	45.95 0.69 0.00	39.62 1.11 -0.31
BARRETT_IC_9 23700	49.79 1.59 0.00	42.86 2.16 0.00	37.66 2.03 -1.29	34.60 1.96 0.00	32.37 1.76 0.00	39.60 1.69 0.00	39.20 1.29 0.00	38.82 1.14 -5.27	44.87 1.58 -3.97	43.68 1.58 0.00	50.82 2.27 -5.21	54.40 1.67 -2.03	64.91 1.52 -5.48	70.17 1.86 -4.17	53.69 1.84 -2.89	51.03 1.78 -0.88	53.14 1.60 -0.64	51.44 1.72 0.00	49.45 1.04 0.60	29.33 0.94 20.23	43.46 0.55 6.52	38.47 0.04 11.84	45.95 0.69 0.00	39.62 1.11 -0.31
BARRETT___1 23545	49.79 1.59 0.00	42.86 2.16 0.00	37.66 2.03 -1.29	34.60 1.96 0.00	32.37 1.76 0.00	39.60 1.69 0.00	39.20 1.29 0.00	38.82 1.14 -5.27	44.87 1.58 -3.97	43.68 1.58 0.00	50.82 2.27 -5.21	54.40 1.67 -2.03	64.91 1.52 -5.48	70.17 1.86 -4.17	53.69 1.84 -2.89	51.03 1.78 -0.88	53.14 1.60 -0.64	51.44 1.72 0.00	50.40 1.04 -0.35	51.44 0.94 -1.88	49.61 0.55 0.37	51.12 0.04 -0.81	45.95 0.69 0.00	39.62 1.11 -0.31
BARRETT___2 23546	49.79 1.59 0.00	42.86 2.16 0.00	37.66 2.03 -1.29	34.60 1.96 0.00	32.37 1.76 0.00	39.60 1.69 0.00	39.20 1.29 0.00	38.82 1.14 -5.27	44.87 1.58 -3.97	43.68 1.58 0.00	50.82 2.27 -5.21	54.40 1.67 -2.03	64.91 1.52 -5.48	70.17 1.86 -4.17	53.69 1.84 -2.89	51.03 1.78 -0.88	53.14 1.60 -0.64	51.44 1.72 0.00	49.45 1.04 0.60	29.33 0.94 20.23	43.46 0.55 6.52	38.47 0.04 11.84	45.95 0.69 0.00	39.62 1.11 -0.31
BATAVIA__115KV_TB1 55881	49.75 1.55 0.00	41.87 1.18 0.00	34.87 0.52 0.00	33.02 0.39 0.00	30.86 0.25 0.00	38.44 0.54 0.00	38.36 0.46 0.00	32.44 0.02 0.00	39.77 0.45 0.00	42.98 0.89 0.00	44.86 1.51 0.00	53.21 2.51 0.00	60.97 3.06 0.00	67.51 3.37 0.00	51.11 2.14 0.00	50.74 2.37 0.00	54.61 3.72 0.00	53.86 4.13 0.00	52.79 3.78 0.00	51.86 3.25 0.00	52.13 2.70 0.00	52.99 2.72 0.00	47.54 2.28 0.00	39.95 1.75 0.00
BAYONEEC___CTG1 323682	50.48 2.28 0.00	43.13 2.43 0.00	37.71 2.07 -1.30	34.65 2.02 0.00	32.44 1.83 0.00	39.77 1.87 0.00	39.59 1.69 0.00	33.91 1.50 0.00	41.21 1.89 0.00	44.10 2.02 0.00	50.71 2.15 -5.21	54.69 1.96 -2.03	65.66 2.27 -5.48	70.89 2.58 -4.17	54.26 2.41 -2.89	51.64 2.39 -0.88	53.89 2.35 -0.64	52.19 2.48 0.00	51.07 2.06 0.00	50.65 2.04 0.00	51.06 1.63 0.00	51.39 1.11 0.00	46.85 1.60 0.00	40.17 1.66 -0.31
BAYONEEC___CTG10 323750	50.48 2.28 0.00	43.13 2.43 0.00	37.71 2.07 -1.30	34.65 2.02 0.00	32.44 1.83 0.00	39.77 1.87 0.00	39.59 1.69 0.00	33.91 1.50 0.00	41.21 1.89 0.00	44.10 2.02 0.00	50.71 2.15 -5.21	54.69 1.96 -2.03	65.66 2.27 -5.48	70.89 2.58 -4.17	54.26 2.41 -2.89	51.64 2.39 -0.88	53.89 2.35 -0.64	52.19 2.48 0.00	51.07 2.06 0.00	50.65 2.04 0.00	51.06 1.63 0.00	51.39 1.11 0.00	46.85 1.60 0.00	40.17 1.66 -0.31
BAYONEEC___CTG2 323683	50.48 2.28 0.00	43.13 2.43 0.00	37.71 2.07 -1.30	34.65 2.02 0.00	32.44 1.83 0.00	39.77 1.87 0.00	39.59 1.69 0.00	33.91 1.50 0.00	41.21 1.89 0.00	44.10 2.02 0.00	50.71 2.15 -5.21	54.69 1.96 -2.03	65.66 2.27 -5.48	70.89 2.58 -4.17	54.26 2.41 -2.89	51.64 2.39 -0.88	53.89 2.35 -0.64	52.19 2.48 0.00	51.07 2.06 0.00	50.65 2.04 0.00	51.06 1.63 0.00	51.39 1.11 0.00	46.85 1.60 0.00	40.17 1.66 -0.31
BAYONEEC___CTG3 323684	50.48 2.28 0.00	43.13 2.43 0.00	37.71 2.07 -1.30	34.65 2.02 0.00	32.44 1.83 0.00	39.77 1.87 0.00	39.59 1.69 0.00	33.91 1.50 0.00	41.21 1.89 0.00	44.10 2.02 0.00	50.71 2.15 -5.21	54.69 1.96 -2.03	65.66 2.27 -5.48	70.89 2.58 -4.17	54.26 2.41 -2.89	51.64 2.39 -0.88	53.89 2.35 -0.64	52.19 2.48 0.00	51.07 2.06 0.00	50.65 2.04 0.00	51.06 1.63 0.00	51.39 1.11 0.00	46.85 1.60 0.00	40.17 1.66 -0.31
BAYONEEC___CTG4 323685	50.48 2.28 0.00	43.13 2.43 0.00	37.71 2.07 -1.30	34.65 2.02 0.00	32.44 1.83 0.00	39.77 1.87 0.00	39.59 1.69 0.00	33.91 1.50 0.00	41.21 1.89 0.00	44.10 2.02 0.00	50.71 2.15 -5.21	54.69 1.96 -2.03	65.66 2.27 -5.48	70.89 2.58 -4.17	54.26 2.41 -2.89	51.64 2.39 -0.88	53.89 2.35 -0.64	52.19 2.48 0.00	51.07 2.06 0.00	50.65 2.04 0.00	51.06 1.63 0.00	51.39 1.11 0.00	46.85 1.60 0.00	40.17 1.66 -0.31
BAYONEEC___CTG5 323686	50.48 2.28 0.00	43.13 2.43 0.00	37.71 2.07 -1.30	34.65 2.02 0.00	32.44 1.83 0.00	39.77 1.87 0.00	39.59 1.69 0.00	33.91 1.50 0.00	41.21 1.89 0.00	44.10 2.02 0.00	50.71 2.15 -5.21	54.69 1.96 -2.03	65.66 2.27 -5.48	70.89 2.58 -4.17	54.26 2.41 -2.89	51.64 2.39 -0.88	53.89 2.35 -0.64	52.19 2.48 0.00	51.07 2.06 0.00	50.65 2.04 0.00	51.06 1.63 0.00	51.39 1.11 0.00	46.85 1.60 0.00	40.17 1.66 -0.31
BAYONEEC___CTG6 323687	50.48 2.28 0.00	43.13 2.43 0.00	37.71 2.07 -1.30	34.65 2.02 0.00	32.44 1.83 0.00	39.77 1.87 0.00	39.59 1.69 0.00	33.91 1.50 0.00	41.21 1.89 0.00	44.10 2.02 0.00	50.71 2.15 -5.21	54.69 1.96 -2.03	65.66 2.27 -5.48	70.89 2.58 -4.17	54.26 2.41 -2.89	51.64 2.39 -0.88	53.89 2.35 -0.64	52.19 2.48 0.00	51.07 2.06 0.00	50.65 2.04 0.00	51.06 1.63 0.00	51.39 1.11 0.00	46.85 1.60 0.00	40.17 1.66 -0.31
BAYONEEC___CTG7 323688	50.48 2.28 0.00	43.13 2.43 0.00	37.71 2.07 -1.30	34.65 2.02 0.00	32.44 1.83 0.00	39.77 1.87 0.00	39.59 1.69 0.00	33.91 1.50 0.00	41.21 1.89 0.00	44.10 2.02 0.00	50.71 2.15 -5.21	54.69 1.96 -2.03	65.66 2.27 -5.48	70.89 2.58 -4.17	54.26 2.41 -2.89	51.64 2.39 -0.88	53.89 2.35 -0.64	52.19 2.48 0.00	51.07 2.06 0.00	50.65 2.04 0.00	51.06 1.63 0.00	51.39 1.11 0.00	46.85 1.60 0.00	40.17 1.66 -0.31











CORONA V_69_KV_TB1 355595	50.53 2.33 0.00	43.36 2.66 0.00	38.04 2.41 -1.29	34.93 2.30 0.00	32.68 2.07 0.00	40.00 2.10 0.00	39.65 1.75 0.00	36.95 1.55 -2.99	43.58 2.01 -2.25	44.20 2.11 0.00	51.28 2.72 -5.21	55.08 2.35 -2.03	65.76 2.37 -5.48	71.09 2.77 -4.17	54.39 2.53 -2.89	51.73 2.48 -0.88	53.92 2.39 -0.64	52.20 2.48 0.00	50.51 1.93 0.42	50.67 1.85 -0.19	48.99 1.43 1.87	50.09 0.92 1.11	46.67 1.42 0.00	40.18 1.67 -0.31
CORTLAND_115KV_TB3 80093	48.80 0.60 0.00	41.29 0.60 0.00	34.72 0.38 0.00	33.02 0.39 0.00	31.00 0.39 0.00	38.37 0.47 0.00	38.31 0.40 0.00	32.59 0.18 0.00	39.47 0.15 0.00	42.25 0.16 0.00	43.65 0.30 0.00	51.10 0.39 0.00	58.47 0.54 -0.03	65.30 0.62 -0.54	49.45 0.49 0.00	48.94 0.57 0.00	51.97 1.02 -0.05	51.05 1.27 -0.06	50.37 1.37 0.00	49.91 1.29 0.00	50.54 1.11 0.00	51.25 0.97 0.00	46.00 0.75 0.00	38.81 0.61 0.00
COXSACKIE___GT 23611	50.50 2.30 0.00	42.90 2.20 0.00	36.58 2.24 0.00	34.96 2.32 0.00	32.80 2.18 0.00	40.41 2.51 0.00	40.14 2.24 0.00	34.03 1.62 0.00	40.87 1.55 0.00	43.08 0.99 0.00	42.53 0.90 1.72	50.89 0.85 0.67	56.96 0.84 1.79	63.55 0.73 1.33	48.88 0.87 0.96	49.08 1.01 0.29	52.08 1.39 0.21	51.27 1.55 0.00	51.39 2.38 0.00	51.04 2.43 0.00	51.82 2.39 0.00	52.42 2.15 0.00	47.11 1.86 0.00	39.60 1.51 0.10
CPV_VALLEY___CC1 323721	49.29 1.09 0.00	41.95 1.25 0.00	34.65 1.09 0.79	33.75 1.11 0.00	31.65 1.04 0.00	38.90 0.99 0.00	38.76 0.85 0.00	33.13 0.71 0.00	40.17 0.85 0.00	42.95 0.86 0.00	48.29 0.96 -3.97	53.10 0.85 -1.54	63.16 1.05 -4.19	68.61 1.26 -3.20	52.41 1.24 -2.21	50.23 1.20 -0.67	52.57 1.19 -0.49	51.03 1.31 0.00	50.13 1.12 0.00	49.70 1.08 0.00	50.19 0.76 0.00	50.66 0.39 0.00	45.89 0.64 0.00	39.19 0.76 -0.24
CPV_VALLEY___CC2 323722	49.29 1.09 0.00	41.95 1.25 0.00	34.65 1.09 0.79	33.75 1.11 0.00	31.65 1.04 0.00	38.90 0.99 0.00	38.76 0.85 0.00	33.13 0.71 0.00	40.17 0.85 0.00	42.95 0.86 0.00	48.29 0.96 -3.97	53.10 0.85 -1.54	63.16 1.05 -4.19	68.61 1.26 -3.20	52.41 1.24 -2.21	50.23 1.20 -0.67	52.57 1.19 -0.49	51.03 1.31 0.00	50.13 1.12 0.00	49.70 1.08 0.00	50.19 0.76 0.00	50.66 0.39 0.00	45.89 0.64 0.00	39.19 0.76 -0.24
CRESCENT___HYD 24018	49.19 0.99 0.00	41.84 1.14 0.00	35.56 1.22 0.00	33.90 1.27 0.00	31.81 1.20 0.00	39.25 1.35 0.00	38.98 1.08 0.00	33.15 0.74 0.00	39.99 0.66 0.00	42.46 0.37 0.00	37.37 0.15 6.14	48.26 -0.05 2.39	51.38 -0.07 6.46	59.31 0.08 4.92	45.75 0.20 3.41	47.61 0.28 1.04	50.64 0.49 0.75	50.51 0.79 0.00	49.98 0.98 0.00	49.62 1.00 0.00	50.28 0.85 0.00	50.83 0.56 0.00	45.76 0.51 0.00	38.35 0.52 0.37
CRICKET___VALLEY_CC1 323756	49.18 0.98 0.00	41.95 1.26 0.00	35.95 1.19 -0.42	33.84 1.20 0.00	31.71 1.10 0.00	38.96 1.06 0.00	38.75 0.85 0.00	33.09 0.67 0.00	40.27 0.95 0.00	42.84 0.74 0.00	-21.28 0.61 65.24	25.67 0.36 25.39	-10.12 0.42 68.45	12.89 0.56 51.81	13.44 0.71 36.23	38.04 0.69 11.01	43.56 0.66 8.00	50.59 0.87 0.00	49.81 0.81 0.00	49.38 0.76 0.00	49.87 0.44 0.00	50.28 0.00 0.00	45.49 0.24 0.00	34.71 0.43 3.91
CRICKET___VALLEY_CC2 323757	49.18 0.98 0.00	41.95 1.26 0.00	35.95 1.19 -0.42	33.84 1.20 0.00	31.71 1.10 0.00	38.96 1.06 0.00	38.75 0.85 0.00	33.09 0.67 0.00	40.27 0.95 0.00	42.84 0.74 0.00	-21.28 0.61 65.24	25.67 0.36 25.39	-10.12 0.42 68.45	12.89 0.56 51.81	13.44 0.71 36.23	38.04 0.69 11.01	43.56 0.66 8.00	50.59 0.87 0.00	49.81 0.81 0.00	49.38 0.76 0.00	49.87 0.44 0.00	50.28 0.00 0.00	45.49 0.24 0.00	34.71 0.43 3.91
CRICKET___VALLEY_CC3 323758	49.18 0.98 0.00	41.95 1.26 0.00	35.95 1.19 -0.42	33.84 1.20 0.00	31.71 1.10 0.00	38.96 1.06 0.00	38.75 0.85 0.00	33.09 0.67 0.00	40.27 0.95 0.00	42.84 0.74 0.00	-21.28 0.61 65.24	25.67 0.36 25.39	-10.12 0.42 68.45	12.89 0.56 51.81	13.44 0.71 36.23	38.04 0.69 11.01	43.56 0.66 8.00	50.59 0.87 0.00	49.81 0.81 0.00	49.38 0.76 0.00	49.87 0.44 0.00	50.28 0.00 0.00	45.49 0.24 0.00	34.71 0.43 3.91
CRUCIBLE_METL_DRP 24180	47.82 -0.38 0.00	40.46 -0.24 0.00	34.05 -0.30 0.00	32.38 -0.26 0.00	30.36 -0.25 0.00	37.58 -0.32 0.00	37.50 -0.40 0.00	31.96 -0.45 0.00	38.77 -0.56 0.00	41.53 -0.55 0.00	42.95 -0.41 0.00	50.37 -0.34 0.00	57.69 -0.27 -0.05	64.81 -0.27 -0.94	48.79 -0.17 0.00	48.27 -0.10 0.00	51.24 0.26 -0.08	50.30 0.48 -0.10	49.54 0.53 0.00	49.05 0.43 0.00	49.65 0.21 0.00	50.35 0.08 0.00	45.21 -0.05 0.00	38.09 -0.10 0.00
DAHOWA___HYDRO 323763	50.16 1.95 0.00	42.62 1.92 0.00	36.17 1.83 0.00	34.46 1.82 0.00	32.34 1.72 0.00	39.88 1.97 0.00	39.57 1.67 0.00	33.61 1.20 0.00	40.43 1.10 0.00	42.87 0.78 0.00	38.79 0.43 5.00	49.14 0.38 1.95	53.08 0.44 5.26	61.00 0.86 4.01	47.10 0.91 2.78	48.61 1.08 0.84	51.94 1.66 0.61	51.94 2.22 0.00	51.69 2.69 0.00	51.32 2.70 0.00	51.91 2.48 0.00	52.30 2.03 0.00	46.98 1.73 0.00	39.41 1.52 0.30
DANC___LFGE 323619	49.82 1.62 0.00	42.07 1.38 0.00	35.36 1.02 0.00	33.49 0.86 0.00	31.39 0.77 0.00	38.87 0.97 0.00	38.79 0.88 0.00	32.98 0.57 0.00	39.72 0.39 0.00	42.47 0.38 0.00	43.69 0.34 0.00	51.10 0.39 0.00	58.60 0.64 -0.05	65.91 0.79 -0.97	49.65 0.69 0.00	49.41 1.05 0.00	52.45 1.48 -0.08	52.23 2.41 -0.10	51.51 2.50 0.00	51.13 2.52 0.00	51.75 2.32 0.00	52.27 2.00 0.00	46.68 1.42 0.00	38.83 0.63 0.00
DANSKAMMER___1 23586	50.48 2.28 0.00	42.94 2.24 0.00	36.26 1.92 0.00	34.50 1.87 0.00	32.34 1.73 0.00	39.73 1.83 0.00	39.55 1.65 0.00	33.80 1.39 0.00	41.07 1.75 0.00	43.88 1.79 0.00	49.40 1.90 -4.15	54.25 1.93 -1.61	64.80 2.35 -4.54	70.55 2.75 -3.65	53.67 2.41 -2.30	51.45 2.38 -0.70	53.86 2.45 -0.51	52.33 2.61 0.00	51.39 2.39 0.00	50.91 2.29 0.00	51.38 1.95 0.00	51.79 1.52 0.00	46.87 1.61 0.00	40.00 1.55 -0.25
DANSKAMMER___2 23589	50.48 2.28 0.00	42.94 2.24 0.00	36.26 1.92 0.00	34.50 1.87 0.00	32.34 1.73 0.00	39.73 1.83 0.00	39.55 1.65 0.00	33.80 1.39 0.00	41.07 1.75 0.00	43.88 1.79 0.00	49.40 1.90 -4.15	54.25 1.93 -1.61	64.80 2.35 -4.54	70.55 2.75 -3.65	53.67 2.41 -2.30	51.45 2.38 -0.70	53.86 2.45 -0.51	52.33 2.61 0.00	51.39 2.39 0.00	50.91 2.29 0.00	51.38 1.95 0.00	51.79 1.52 0.00	46.87 1.61 0.00	40.00 1.55 -0.25
DANSKAMMER___3 23590	50.48 2.28 0.00	42.94 2.24 0.00	36.26 1.92 0.00	34.50 1.87 0.00	32.34 1.73 0.00	39.73 1.83 0.00	39.55 1.65 0.00	33.80 1.39 0.00	41.07 1.75 0.00	43.88 1.79 0.00	49.40 1.90 -4.15	54.25 1.93 -1.61	64.80 2.35 -4.54	70.55 2.75 -3.65	53.67 2.41 -2.30	51.45 2.38 -0.70	53.86 2.45 -0.51	52.33 2.61 0.00	51.39 2.39 0.00	50.91 2.29 0.00	51.38 1.95 0.00	51.79 1.52 0.00	46.87 1.61 0.00	40.00 1.55 -0.25

DANSKAMMER___4 23591	50.48 2.28 0.00	42.94 2.24 0.00	36.26 1.92 0.00	34.50 1.87 0.00	32.34 1.73 0.00	39.73 1.83 0.00	39.55 1.65 0.00	33.80 1.39 0.00	41.07 1.75 0.00	43.88 1.79 0.00	49.40 1.90 -4.15	54.25 1.93 -1.61	64.80 2.35 -4.54	70.55 2.75 -3.65	53.67 2.41 -2.30	51.45 2.38 -0.70	53.86 2.45 -0.51	52.33 2.61 0.00	51.39 2.39 0.00	50.91 2.29 0.00	51.38 1.95 0.00	51.79 1.52 0.00	46.87 1.61 0.00	40.00 1.55 -0.25
DANSKAMMER___DIESEL 23592	50.48 2.28 0.00	42.94 2.25 0.00	36.27 1.92 0.00	34.51 1.87 0.00	32.34 1.73 0.00	39.73 1.83 0.00	39.55 1.65 0.00	33.80 1.39 0.00	41.07 1.74 0.00	43.88 1.79 0.00	49.38 1.89 -4.15	54.25 1.93 -1.61	64.79 2.34 -4.54	70.56 2.76 -3.65	53.68 2.41 -2.30	51.45 2.39 -0.70	53.86 2.45 -0.51	52.34 2.61 0.00	51.39 2.39 0.00	50.91 2.29 0.00	51.38 1.95 0.00	51.79 1.52 0.00	46.87 1.62 0.00	40.00 1.56 -0.25
DARBY___SOLAR 323810	49.92 1.72 0.00	42.43 1.73 0.00	36.01 1.67 0.00	34.30 1.66 0.00	32.19 1.58 0.00	39.70 1.80 0.00	39.41 1.50 0.00	33.48 1.07 0.00	40.28 0.96 0.00	42.73 0.64 0.00	38.48 0.32 5.20	48.89 0.21 2.02	52.69 0.25 5.48	60.58 0.60 4.17	46.78 0.70 2.89	48.33 0.84 0.88	51.64 1.38 0.64	51.61 1.89 0.00	51.30 2.30 0.00	50.93 2.31 0.00	51.56 2.14 0.00	51.98 1.71 0.00	46.73 1.48 0.00	39.18 1.30 0.31
DASHVILLE___HYD 23610	49.89 1.68 0.00	42.39 1.70 0.00	35.83 1.48 0.00	34.12 1.49 0.00	32.01 1.40 0.00	39.33 1.43 0.00	39.16 1.25 0.00	33.45 1.04 0.00	40.64 1.32 0.00	43.42 1.33 0.00	47.37 1.50 -2.52	53.19 1.51 -0.98	62.49 1.83 -2.75	68.61 2.27 -2.20	52.42 2.07 -1.40	50.69 1.90 -0.42	53.13 1.92 -0.31	51.76 2.05 0.00	50.86 1.85 0.00	50.38 1.76 0.00	50.89 1.46 0.00	51.33 1.06 0.00	46.44 1.18 0.00	39.57 1.23 -0.15
DELAWARE___LFGE 323621	49.36 1.16 0.00	41.82 1.13 0.00	35.27 0.93 0.00	33.65 1.01 0.00	31.65 1.04 0.00	39.07 1.17 0.00	38.98 1.08 0.00	33.13 0.71 0.00	40.12 0.79 0.00	42.96 0.87 0.00	44.39 1.04 0.00	51.89 1.19 0.00	59.31 1.39 -0.01	65.89 1.57 -0.18	50.21 1.25 0.00	49.53 1.16 0.00	52.31 1.40 -0.02	51.28 1.54 -0.02	50.49 1.48 0.00	50.05 1.44 0.00	50.67 1.24 0.00	51.33 1.05 0.00	46.24 0.98 0.00	39.09 0.89 0.00
DERFIELD_115KV_TB7 355931	48.29 0.09 0.00	40.84 0.15 0.00	34.52 0.17 0.00	32.84 0.21 0.00	30.82 0.21 0.00	38.12 0.22 0.00	38.05 0.15 0.00	32.45 0.03 0.00	39.30 -0.02 0.00	42.02 -0.07 0.00	43.27 -0.09 0.00	50.56 -0.14 0.00	57.73 -0.18 0.00	63.97 -0.18 0.00	48.89 -0.07 0.00	48.30 -0.07 0.00	50.90 0.00 0.00	49.83 0.11 0.00	49.15 0.15 0.00	48.75 0.14 0.00	49.48 0.05 0.00	50.18 -0.09 0.00	45.20 -0.06 0.00	38.16 -0.04 0.00
DOGLEVILLE___HYD 23807	48.52 0.32 0.00	41.22 0.52 0.00	35.12 0.78 0.00	33.58 0.95 0.00	31.57 0.95 0.00	38.91 1.01 0.00	38.52 0.61 0.00	32.41 0.00 0.00	38.63 -0.69 0.00	40.72 -1.37 0.00	41.65 -1.71 0.00	48.54 -2.16 0.00	55.48 -2.44 0.00	61.45 -2.69 0.00	47.29 -1.68 0.00	46.83 -1.54 0.00	50.11 -0.80 0.00	49.53 -0.19 0.00	49.27 0.26 0.00	49.05 0.43 0.00	49.75 0.32 0.00	50.27 0.00 0.00	45.28 0.03 0.00	38.25 0.05 0.00
DUNKIRK___115KV_TB_200 55889	49.00 0.80 0.00	41.41 0.72 0.00	34.36 0.02 0.00	32.58 -0.06 0.00	30.51 -0.11 0.00	38.03 0.13 0.00	37.95 0.05 0.00	32.11 -0.30 0.00	39.25 -0.07 0.00	42.63 0.54 0.00	44.69 1.34 0.00	53.14 2.43 0.00	60.70 2.79 0.00	67.09 2.95 0.00	50.47 1.51 0.00	50.03 1.67 0.00	53.69 2.79 0.00	52.80 3.07 0.00	51.82 2.82 0.00	50.82 2.20 0.00	50.93 1.50 0.00	51.57 1.29 0.00	46.28 1.03 0.00	38.98 0.78 0.00
DUNKIRK___1 23563	49.00 0.80 0.00	41.41 0.72 0.00	34.36 0.02 0.00	32.58 -0.06 0.00	30.51 -0.11 0.00	38.03 0.13 0.00	37.95 0.05 0.00	32.11 -0.30 0.00	39.25 -0.07 0.00	42.63 0.54 0.00	44.69 1.34 0.00	53.14 2.43 0.00	60.70 2.79 0.00	67.09 2.95 0.00	50.47 1.51 0.00	50.03 1.67 0.00	53.69 2.79 0.00	52.80 3.07 0.00	51.82 2.82 0.00	50.82 2.20 0.00	50.93 1.50 0.00	51.57 1.29 0.00	46.28 1.03 0.00	38.98 0.78 0.00
DUNKIRK___2 23564	49.00 0.80 0.00	41.41 0.72 0.00	34.36 0.02 0.00	32.58 -0.06 0.00	30.51 -0.11 0.00	38.03 0.13 0.00	37.95 0.05 0.00	32.11 -0.30 0.00	39.25 -0.07 0.00	42.63 0.54 0.00	44.69 1.34 0.00	53.14 2.43 0.00	60.70 2.79 0.00	67.09 2.95 0.00	50.47 1.51 0.00	50.03 1.67 0.00	53.69 2.79 0.00	52.80 3.07 0.00	51.82 2.82 0.00	50.82 2.20 0.00	50.93 1.50 0.00	51.57 1.29 0.00	46.28 1.03 0.00	38.98 0.78 0.00
DUNKIRK___3 23565	48.74 0.53 0.00	41.18 0.48 0.00	34.20 -0.14 0.00	32.43 -0.21 0.00	30.36 -0.25 0.00	37.83 -0.07 0.00	37.76 -0.15 0.00	31.95 -0.46 0.00	39.09 -0.24 0.00	42.48 0.39 0.00	44.53 1.18 0.00	52.88 2.18 0.00	60.39 2.48 0.00	66.74 2.59 0.00	50.21 1.25 0.00	49.77 1.40 0.00	53.37 2.47 0.00	52.43 2.71 0.00	51.45 2.44 0.00	50.47 1.85 0.00	50.63 1.20 0.00	51.35 1.08 0.00	46.11 0.86 0.00	38.88 0.69 0.00
DUNKIRK___4 23566	48.74 0.53 0.00	41.18 0.48 0.00	34.20 -0.14 0.00	32.43 -0.21 0.00	30.36 -0.25 0.00	37.83 -0.07 0.00	37.76 -0.15 0.00	31.95 -0.46 0.00	39.09 -0.24 0.00	42.48 0.39 0.00	44.53 1.18 0.00	52.88 2.18 0.00	60.39 2.48 0.00	66.74 2.59 0.00	50.21 1.25 0.00	49.77 1.40 0.00	53.37 2.47 0.00	52.43 2.71 0.00	51.45 2.44 0.00	50.47 1.85 0.00	50.63 1.20 0.00	51.35 1.08 0.00	46.11 0.86 0.00	38.88 0.69 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	50.38 2.18 0.00	43.00 2.31 0.00	37.63 1.99 -1.30	34.57 1.94 0.00	32.38 1.76 0.00	39.73 1.83 0.00	39.54 1.63 0.00	33.82 1.41 0.00	41.09 1.77 0.00	43.95 1.86 0.00	50.57 2.01 -5.21	54.67 1.94 -2.03	65.59 2.19 -5.48	70.84 2.52 -4.17	54.17 2.31 -2.89	51.52 2.27 -0.88	53.80 2.26 -0.64	52.10 2.38 0.00	51.02 2.02 0.00	50.57 1.95 0.00	51.00 1.57 0.00	51.38 1.11 0.00	46.69 1.44 0.00	40.02 1.52 -0.31
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	50.08 1.87 0.00	42.61 1.91 0.00	35.55 1.63 0.42	34.23 1.60 0.00	32.09 1.48 0.00	39.43 1.52 0.00	39.27 1.37 0.00	33.57 1.15 0.00	40.75 1.42 0.00	43.55 1.46 0.00	49.06 1.57 -4.13	53.88 1.57 -1.61	64.27 1.90 -4.45	69.90 2.25 -3.51	53.31 2.06 -2.29	51.08 2.01 -0.70	53.45 2.04 -0.51	51.91 2.19 0.00	50.96 1.96 0.00	50.52 1.90 0.00	51.00 1.57 0.00	51.42 1.14 0.00	46.56 1.31 0.00	39.76 1.32 -0.25
E179THST_138_KV_TB4_REV_LBMP_J 345001	50.54 2.34 0.00	43.22 2.52 0.00	37.77 2.14 -1.29	34.67 2.04 0.00	32.40 1.79 0.00	39.62 1.72 0.00	39.57 1.67 0.00	33.88 1.46 0.00	41.14 1.81 0.00	44.00 1.91 0.00	50.54 1.98 -5.21	54.61 1.87 -2.04	65.50 2.11 -5.49	70.71 2.39 -4.17	54.12 2.27 -2.89	51.53 2.28 -0.88	53.74 2.19 -0.65	52.07 2.35 -0.01	50.95 1.95 0.00	50.57 1.95 0.00	50.94 1.50 -0.01	51.31 1.03 -0.01	46.90 1.65 0.00	40.23 1.72 -0.31









GILBOA____ 23599	48.73 0.53 0.00	41.41 0.72 0.00	35.07 0.72 0.00	33.64 1.01 0.00	31.78 1.17 0.00	39.17 1.27 0.00	39.01 1.11 0.00	32.93 0.51 0.00	39.72 0.39 0.00	42.39 0.30 0.00	44.50 0.30 -0.84	51.20 0.17 -0.33	58.99 0.19 -0.89	65.07 0.25 -0.68	49.65 0.22 -0.47	48.56 0.04 -0.14	51.06 0.05 -0.10	49.96 0.23 0.00	49.32 0.31 0.00	48.99 0.38 0.00	49.62 0.19 0.00	50.34 0.07 0.00	45.43 0.18 0.00	38.52 0.28 -0.05
GINNA____ 23603	46.62 -1.58 0.00	39.30 -1.40 0.00	32.88 -1.46 0.00	31.19 -1.45 0.00	29.17 -1.44 0.00	36.21 -1.69 0.00	36.16 -1.75 0.00	30.75 -1.66 0.00	37.58 -1.74 0.00	40.73 -1.36 0.00	42.41 -0.94 0.00	50.17 -0.53 0.00	57.36 -0.55 0.00	63.55 -0.60 0.00	48.27 -0.70 0.00	47.88 -0.49 0.00	51.07 0.18 0.00	50.16 0.44 0.00	49.20 0.20 0.00	48.47 -0.14 0.00	48.83 -0.60 0.00	49.57 -0.71 0.00	44.46 -0.79 0.00	37.37 -0.82 0.00
GLEN PARK____ 23778	51.97 3.77 0.00	43.79 3.10 0.00	36.72 2.38 0.00	34.72 2.09 0.00	32.52 1.91 0.00	40.31 2.41 0.00	40.18 2.27 0.00	34.09 1.68 0.00	40.80 1.47 0.00	43.56 1.47 0.00	44.71 1.36 0.00	52.29 1.59 0.00	60.06 2.11 -0.04	67.38 2.49 -0.74	50.95 1.99 0.00	50.90 2.53 0.00	54.27 3.31 -0.06	54.68 4.88 -0.08	54.04 5.04 0.00	53.79 5.18 0.00	54.39 4.96 0.00	54.82 4.54 0.00	48.80 3.55 0.00	40.38 2.19 0.00
GLENDALE_27_KV_LOAD 356172	50.71 2.51 0.00	43.38 2.68 0.00	37.93 2.30 -1.29	34.82 2.19 0.00	32.53 1.92 0.00	39.82 1.92 0.00	39.73 1.82 0.00	34.01 1.60 0.00	41.34 2.01 0.00	44.22 2.13 0.00	50.73 2.17 -5.21	54.62 1.98 -1.94	53.12 2.29 7.09	54.01 2.62 12.75	51.52 2.43 -0.13	51.48 2.45 -0.66	51.35 2.37 1.91	50.53 2.50 1.68	50.74 2.09 0.37	50.57 2.09 0.14	50.32 1.62 0.73	50.52 1.16 0.92	47.02 1.76 0.00	40.33 1.82 -0.31
GLENWOOD_IC_1_G5 23712	50.55 2.35 0.00	43.27 2.58 0.00	37.87 2.24 -1.29	34.78 2.14 0.00	32.54 1.93 0.00	39.90 2.00 0.00	39.61 1.71 0.00	34.14 1.50 -0.22	41.43 1.94 -0.17	44.12 2.04 0.00	50.77 2.21 -5.21	54.69 1.96 -2.03	65.44 2.05 -5.48	70.75 2.43 -4.17	54.13 2.27 -2.89	51.45 2.21 -0.88	53.68 2.14 -0.64	51.95 2.23 0.00	47.71 1.77 3.07	46.26 1.68 4.03	43.50 1.26 7.19	43.91 0.76 7.12	46.43 1.18 0.00	40.16 1.65 -0.31
GLENWOOD_IC_2_G1 23688	50.35 2.15 0.00	43.06 2.37 0.00	37.70 2.06 -1.29	34.62 1.99 0.00	32.42 1.81 0.00	39.75 1.85 0.00	39.49 1.59 0.00	33.80 1.39 0.00	41.09 1.77 0.00	43.96 1.87 0.00	50.78 2.23 -5.21	54.72 1.99 -2.03	65.53 2.14 -5.48	70.81 2.49 -4.17	54.15 2.29 -2.89	51.49 2.24 -0.88	53.73 2.19 -0.64	52.03 2.31 0.00	50.88 1.89 0.01	50.41 1.81 0.02	50.79 1.43 0.07	51.17 0.95 0.05	46.56 1.31 0.00	40.02 1.51 -0.31
GLENWOOD_IC_3_G1 23689	50.35 2.15 0.00	43.06 2.37 0.00	37.70 2.06 -1.29	34.62 1.99 0.00	32.42 1.81 0.00	39.75 1.85 0.00	39.49 1.59 0.00	33.80 1.39 0.00	41.09 1.77 0.00	43.96 1.87 0.00	50.78 2.23 -5.21	54.72 1.99 -2.03	65.53 2.14 -5.48	70.81 2.49 -4.17	54.15 2.29 -2.89	51.49 2.24 -0.88	53.73 2.19 -0.64	52.03 2.31 0.00	50.88 1.89 0.01	50.41 1.81 0.02	50.79 1.43 0.07	51.17 0.95 0.05	46.56 1.31 0.00	40.02 1.51 -0.31
GLENWOOD____4 23550	50.55 2.35 0.00	43.27 2.58 0.00	37.87 2.24 -1.29	34.78 2.14 0.00	32.54 1.93 0.00	39.90 2.00 0.00	39.61 1.71 0.00	34.14 1.50 -0.22	41.43 1.94 -0.17	44.13 2.04 0.00	50.88 2.32 -5.21	54.82 2.09 -2.03	65.59 2.20 -5.48	70.92 2.61 -4.17	54.24 2.39 -2.89	51.57 2.33 -0.88	53.81 2.27 -0.64	52.07 2.35 0.00	47.85 1.91 3.07	46.40 1.82 4.03	43.64 1.39 7.19	44.05 0.90 7.12	46.54 1.29 0.00	40.16 1.65 -0.31
GLENWOOD____5 23614	50.55 2.35 0.00	43.27 2.58 0.00	37.87 2.24 -1.29	34.78 2.14 0.00	32.54 1.93 0.00	39.90 2.00 0.00	39.61 1.71 0.00	34.14 1.50 -0.22	41.43 1.94 -0.17	44.13 2.04 0.00	50.88 2.32 -5.21	54.82 2.09 -2.03	65.59 2.20 -5.48	70.92 2.61 -4.17	54.24 2.39 -2.89	51.57 2.33 -0.88	53.81 2.27 -0.64	52.07 2.35 0.00	47.85 1.91 3.07	46.40 1.82 4.03	43.64 1.39 7.19	44.05 0.90 7.12	46.54 1.29 0.00	40.16 1.65 -0.31
GLOBAL GREEN_PORT_GT1 23814	51.77 3.57 0.00	44.01 3.31 0.00	38.36 2.72 -1.29	34.90 2.27 0.00	32.56 1.94 0.00	39.66 1.76 0.00	39.33 1.43 0.00	32.93 1.38 0.86	41.15 2.47 0.65	44.90 2.81 0.00	52.56 4.00 -5.21	56.52 3.79 -2.03	67.19 3.80 -5.48	73.31 5.00 -4.17	55.89 4.03 -2.89	52.51 3.27 -0.88	54.61 3.08 -0.64	53.35 3.63 0.00	42.08 2.75 9.67	37.70 2.46 13.37	30.04 2.60 21.99	30.80 2.92 22.39	48.36 3.11 0.00	41.60 3.10 -0.31
GLOBE____DSASP 323697	47.27 -0.94 0.00	39.82 -0.87 0.00	33.13 -1.21 0.00	31.41 -1.22 0.00	29.34 -1.28 0.00	36.58 -1.33 0.00	36.50 -1.41 0.00	30.83 -1.58 0.00	38.03 -1.29 0.00	41.39 -0.70 0.00	43.27 -0.09 0.00	51.39 0.69 0.00	58.51 0.60 0.00	64.41 0.26 0.00	48.42 -0.54 0.00	48.05 -0.32 0.00	51.49 0.59 0.00	50.62 0.90 0.00	49.56 0.55 0.00	48.69 0.08 0.00	48.89 -0.54 0.00	49.81 -0.46 0.00	44.85 -0.41 0.00	37.81 -0.39 0.00
GOETHSLN____LBMP 323567	50.26 2.06 0.00	42.94 2.25 0.00	37.55 1.91 -1.30	34.49 1.86 0.00	32.29 1.68 0.00	39.59 1.69 0.00	39.43 1.53 0.00	33.77 1.36 0.00	41.04 1.72 0.00	43.93 1.84 0.00	50.49 1.93 -5.21	54.45 1.73 -2.03	65.39 2.00 -5.48	70.60 2.29 -4.17	54.08 2.23 -2.89	51.45 2.20 -0.88	53.66 2.12 -0.64	51.98 2.26 0.00	50.91 1.91 0.00	50.48 1.87 0.00	50.84 1.41 0.00	51.21 0.93 0.00	46.69 1.43 0.00	40.03 1.52 -0.31
GOLAH____69_KV_TB 1_2 80279	49.20 1.00 0.00	41.44 0.74 0.00	34.62 0.28 0.00	32.80 0.16 0.00	30.67 0.05 0.00	38.14 0.24 0.00	38.07 0.16 0.00	32.28 -0.13 0.00	39.51 0.18 0.00	42.75 0.66 0.00	44.62 1.27 0.00	52.78 2.08 0.00	60.33 2.42 0.00	66.82 2.67 0.00	50.69 1.72 0.00	50.36 1.99 0.00	53.84 2.94 0.00	53.00 3.28 0.00	52.01 3.00 0.00	51.18 2.57 0.00	51.53 2.10 0.00	52.36 2.08 0.00	46.95 1.69 0.00	39.50 1.31 0.00
GOODYEAR_LAKE_HYD 323669	50.10 1.90 0.00	42.37 1.67 0.00	35.62 1.28 0.00	33.93 1.29 0.00	31.90 1.28 0.00	39.41 1.51 0.00	39.38 1.48 0.00	33.48 1.06 0.00	40.59 1.27 0.00	43.55 1.46 0.00	45.10 1.75 0.00	52.83 2.13 0.00	60.40 2.49 0.00	66.93 2.78 0.00	51.16 2.20 0.00	50.46 2.10 0.00	53.36 2.46 0.00	52.32 2.60 0.00	51.53 2.52 0.00	51.05 2.43 0.00	51.70 2.27 0.00	52.38 2.10 0.00	47.14 1.89 0.00	39.76 1.57 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	48.52 0.32 0.00	41.15 0.46 0.00	34.54 0.20 0.00	32.88 0.24 0.00	30.89 0.28 0.00	38.26 0.36 0.00	38.18 0.27 0.00	32.45 0.04 0.00	39.29 -0.03 0.00	42.18 0.09 0.00	43.77 0.42 0.00	51.30 0.59 0.00	58.68 0.74 -0.02	65.26 0.74 -0.37	49.41 0.45 0.00	48.89 0.52 0.00	51.94 1.02 -0.03	50.94 1.18 -0.04	50.13 1.12 0.00	49.51 0.89 0.00	50.09 0.66 0.00	50.79 0.52 0.00	45.67 0.41 0.00	38.64 0.45 0.00









HISHELDN_WT_PWR 323625	48.43 0.23 0.00	40.87 0.18 0.00	34.03 -0.32 0.00	32.27 -0.36 0.00	30.20 -0.42 0.00	37.59 -0.31 0.00	37.50 -0.40 0.00	31.61 -0.80 0.00	38.58 -0.75 0.00	41.85 -0.24 0.00	43.79 0.43 0.00	51.97 1.27 0.00	59.31 1.40 0.00	65.49 1.35 0.00	49.31 0.35 0.00	48.92 0.55 0.00	52.48 1.59 0.00	51.66 1.94 0.00	50.76 1.75 0.00	49.94 1.33 0.00	50.22 0.79 0.00	51.05 0.78 0.00	45.85 0.59 0.00	38.57 0.37 0.00
HOLTSVILLE_IC_1 23690	49.95 1.75 0.00	42.97 2.28 0.00	37.69 2.06 -1.29	34.63 2.00 0.00	32.44 1.82 0.00	39.66 1.75 0.00	39.20 1.30 0.00	32.70 1.16 0.87	40.37 1.70 0.65	43.70 1.61 0.00	51.06 2.50 -5.21	54.52 1.79 -2.03	64.67 1.28 -5.48	69.95 1.64 -4.17	53.54 1.69 -2.89	50.83 1.58 -0.88	52.78 1.24 -0.64	51.20 1.48 0.00	40.16 0.84 9.69	36.06 0.84 13.40	27.98 0.57 22.03	27.95 0.11 22.43	46.05 0.80 0.00	39.76 1.25 -0.31
HOLTSVILLE_IC_10 23699	50.31 2.11 0.00	43.24 2.55 0.00	37.90 2.27 -1.29	34.83 2.20 0.00	32.61 2.00 0.00	39.86 1.96 0.00	39.40 1.49 0.00	32.90 1.33 0.85	40.63 1.94 0.64	43.97 1.88 0.00	51.38 2.82 -5.21	54.90 2.17 -2.03	65.13 1.74 -5.48	70.48 2.16 -4.17	53.95 2.10 -2.89	51.25 2.00 -0.88	53.17 1.64 -0.64	51.60 1.88 0.00	40.60 1.21 9.61	36.50 1.17 13.28	28.50 0.92 21.85	28.50 0.47 22.25	46.34 1.09 0.00	40.00 1.50 -0.31
HOLTSVILLE_IC_2 23691	49.95 1.75 0.00	42.97 2.28 0.00	37.69 2.06 -1.29	34.63 2.00 0.00	32.44 1.82 0.00	39.66 1.75 0.00	39.20 1.30 0.00	32.70 1.16 0.87	40.37 1.70 0.65	43.70 1.61 0.00	51.06 2.50 -5.21	54.52 1.79 -2.03	64.67 1.28 -5.48	69.95 1.64 -4.17	53.54 1.69 -2.89	50.83 1.58 -0.88	52.78 1.24 -0.64	51.20 1.48 0.00	40.16 0.84 9.69	36.06 0.84 13.40	27.98 0.57 22.03	27.95 0.11 22.43	46.05 0.80 0.00	39.76 1.25 -0.31
HOLTSVILLE_IC_3 23692	49.95 1.75 0.00	42.97 2.28 0.00	37.69 2.06 -1.29	34.63 2.00 0.00	32.44 1.82 0.00	39.66 1.75 0.00	39.20 1.30 0.00	32.70 1.16 0.87	40.37 1.70 0.65	43.70 1.61 0.00	51.06 2.50 -5.21	54.52 1.79 -2.03	64.67 1.28 -5.48	69.95 1.64 -4.17	53.54 1.69 -2.89	50.83 1.58 -0.88	52.78 1.24 -0.64	51.20 1.48 0.00	40.16 0.84 9.69	36.06 0.84 13.40	27.98 0.57 22.03	27.95 0.11 22.43	46.05 0.80 0.00	39.76 1.25 -0.31
HOLTSVILLE_IC_4 23693	49.95 1.75 0.00	42.97 2.28 0.00	37.69 2.06 -1.29	34.63 2.00 0.00	32.44 1.82 0.00	39.66 1.75 0.00	39.20 1.30 0.00	32.70 1.16 0.87	40.37 1.70 0.65	43.70 1.61 0.00	51.06 2.50 -5.21	54.52 1.79 -2.03	64.67 1.28 -5.48	69.95 1.64 -4.17	53.54 1.69 -2.89	50.83 1.58 -0.88	52.78 1.24 -0.64	51.20 1.48 0.00	40.16 0.84 9.69	36.06 0.84 13.40	27.98 0.57 22.03	27.95 0.11 22.43	46.05 0.80 0.00	39.76 1.25 -0.31
HOLTSVILLE_IC_5 23694	49.95 1.75 0.00	42.97 2.28 0.00	37.69 2.06 -1.29	34.63 2.00 0.00	32.44 1.82 0.00	39.66 1.75 0.00	39.20 1.30 0.00	32.70 1.16 0.87	40.37 1.70 0.65	43.70 1.61 0.00	51.06 2.50 -5.21	54.52 1.79 -2.03	64.67 1.28 -5.48	69.95 1.64 -4.17	53.54 1.69 -2.89	50.83 1.58 -0.88	52.78 1.24 -0.64	51.20 1.48 0.00	40.16 0.84 9.69	36.06 0.84 13.40	27.98 0.57 22.03	27.95 0.11 22.43	46.05 0.80 0.00	39.76 1.25 -0.31
HOLTSVILLE_IC_6 23695	50.31 2.11 0.00	43.24 2.55 0.00	37.90 2.27 -1.29	34.83 2.20 0.00	32.61 2.00 0.00	39.86 1.96 0.00	39.40 1.49 0.00	32.90 1.33 0.85	40.63 1.94 0.64	43.97 1.88 0.00	51.38 2.82 -5.21	54.90 2.17 -2.03	65.13 1.74 -5.48	70.48 2.16 -4.17	53.95 2.10 -2.89	51.25 2.00 -0.88	53.17 1.64 -0.64	51.60 1.88 0.00	40.60 1.21 9.61	36.50 1.17 13.28	28.50 0.92 21.85	28.50 0.47 22.25	46.34 1.09 0.00	40.00 1.50 -0.31
HOLTSVILLE_IC_7 23696	50.31 2.11 0.00	43.24 2.55 0.00	37.90 2.27 -1.29	34.83 2.20 0.00	32.61 2.00 0.00	39.86 1.96 0.00	39.40 1.49 0.00	32.90 1.33 0.85	40.63 1.94 0.64	43.97 1.88 0.00	51.38 2.82 -5.21	54.90 2.17 -2.03	65.13 1.74 -5.48	70.48 2.16 -4.17	53.95 2.10 -2.89	51.25 2.00 -0.88	53.17 1.64 -0.64	51.60 1.88 0.00	40.60 1.21 9.61	36.50 1.17 13.28	28.50 0.92 21.85	28.50 0.47 22.25	46.34 1.09 0.00	40.00 1.50 -0.31
HOLTSVILLE_IC_8 23697	50.31 2.11 0.00	43.24 2.55 0.00	37.90 2.27 -1.29	34.83 2.20 0.00	32.61 2.00 0.00	39.86 1.96 0.00	39.40 1.49 0.00	32.90 1.33 0.85	40.63 1.94 0.64	43.97 1.88 0.00	51.38 2.82 -5.21	54.90 2.17 -2.03	65.13 1.74 -5.48	70.48 2.16 -4.17	53.95 2.10 -2.89	51.25 2.00 -0.88	53.17 1.64 -0.64	51.60 1.88 0.00	40.60 1.21 9.61	36.50 1.17 13.28	28.50 0.92 21.85	28.50 0.47 22.25	46.34 1.09 0.00	40.00 1.50 -0.31
HOLTSVILLE_IC_9 23698	50.31 2.11 0.00	43.24 2.55 0.00	37.90 2.27 -1.29	34.83 2.20 0.00	32.61 2.00 0.00	39.86 1.96 0.00	39.40 1.49 0.00	32.90 1.33 0.85	40.63 1.94 0.64	43.97 1.88 0.00	51.38 2.82 -5.21	54.90 2.17 -2.03	65.13 1.74 -5.48	70.48 2.16 -4.17	53.95 2.10 -2.89	51.25 2.00 -0.88	53.17 1.64 -0.64	51.60 1.88 0.00	40.60 1.21 9.61	36.50 1.17 13.28	28.50 0.92 21.85	28.50 0.47 22.25	46.34 1.09 0.00	40.00 1.50 -0.31
HOMER_HL_115KV_TB2 355744	48.00 -0.21 0.00	40.68 -0.01 0.00	33.95 -0.40 0.00	32.21 -0.43 0.00	30.16 -0.45 0.00	37.60 -0.30 0.00	37.57 -0.34 0.00	31.85 -0.56 0.00	38.90 -0.42 0.00	42.26 0.16 0.00	44.35 1.00 0.00	52.13 1.43 0.00	58.92 1.01 0.00	65.13 0.98 0.00	49.09 0.13 0.00	48.49 0.12 0.00	51.95 1.05 0.00	51.11 1.39 0.00	50.10 1.09 0.00	49.17 0.55 0.00	49.47 0.04 0.00	50.34 0.07 0.00	45.51 0.25 0.00	38.53 0.34 0.00
HOWARD_WT_PWR 323690	49.35 1.15 0.00	41.73 1.04 0.00	34.76 0.42 0.00	32.99 0.35 0.00	30.91 0.30 0.00	38.43 0.52 0.00	38.36 0.46 0.00	32.28 -0.13 0.00	38.98 -0.34 0.00	41.97 -0.12 0.00	43.86 0.51 0.00	52.01 1.31 0.00	59.44 1.52 -0.01	65.77 1.40 -0.23	49.49 0.53 0.00	48.98 0.61 0.00	52.80 1.88 -0.02	52.23 2.49 -0.02	51.55 2.55 0.00	50.81 2.20 0.00	51.22 1.79 0.00	51.99 1.71 0.00	46.62 1.37 0.00	39.14 0.94 0.00
HQ_GEN_CEDARS 23644	48.81 0.60 0.00	40.97 0.27 0.00	34.47 0.13 0.00	32.56 -0.07 0.00	30.52 -0.09 0.00	37.96 0.06 0.00	38.19 0.29 0.00	32.83 0.42 0.00	40.10 0.78 0.00	43.03 0.93 0.00	44.20 0.85 0.00	51.90 1.19 0.00	59.21 1.30 0.00	65.53 1.39 0.00	49.77 0.80 0.00	49.09 0.72 0.00	51.28 0.38 0.00	49.86 0.13 0.00	49.17 0.17 0.00	48.93 0.31 0.00	50.10 0.67 0.00	51.45 1.18 0.00	46.16 0.91 0.00	38.81 0.61 0.00
HQ_GEN_CEDARS_PROXY 323590	48.80 0.60 0.00	40.97 0.27 0.00	34.47 0.13 0.00	32.56 -0.07 0.00	30.53 -0.09 0.00	37.96 0.06 0.00	35.42 0.29 2.78	33.51 0.42 -0.68	37.47 0.78 2.63	43.03 0.93 0.00	44.19 0.84 0.00	51.90 1.19 0.00	59.21 1.30 0.00	65.53 1.39 0.00	49.77 0.80 0.00	49.09 0.72 0.00	51.28 0.38 0.00	49.86 0.13 0.00	49.17 0.17 0.00	48.93 0.31 0.00	50.10 0.67 0.00	51.46 1.18 0.00	46.16 0.90 0.00	38.81 0.61 0.00

HQ_GEN_IMPORT 323601	48.31 0.11 0.00	39.77 -0.16 0.76	34.16 -0.18 0.00	32.34 -0.30 0.00	30.29 -0.33 0.00	37.65 -0.25 0.00	37.26 -0.07 0.57	32.56 0.15 0.00	38.95 0.30 0.67	42.49 0.40 0.00	44.98 0.35 -1.28	51.15 0.51 0.06	58.46 0.55 0.00	65.13 0.59 -0.39	49.27 0.30 0.00	48.64 0.27 0.00	50.94 0.04 0.00	52.21 -0.24 -2.73	48.74 -0.26 0.00	48.43 -0.19 0.00	49.53 0.10 0.00	50.67 0.39 0.00	45.55 0.29 0.00	38.39 0.19 0.00
HQ_GEN_WHEEL 23651	48.31 0.11 0.00	39.77 -0.16 0.76	34.16 -0.18 0.00	32.34 -0.30 0.00	30.29 -0.33 0.00	37.65 -0.25 0.00	37.26 -0.07 0.57	32.56 0.15 0.00	38.95 0.30 0.67	42.49 0.40 0.00	44.98 0.35 -1.28	51.15 0.51 0.06	58.46 0.55 0.00	65.13 0.59 -0.39	49.27 0.30 0.00	48.64 0.27 0.00	50.94 0.04 0.00	52.21 -0.24 -2.73	48.74 -0.26 0.00	48.43 -0.19 0.00	49.53 0.10 0.00	50.67 0.39 0.00	45.55 0.29 0.00	38.39 0.19 0.00
HUDSON AVE_GT_3 23810	50.64 2.44 0.00	43.24 2.54 0.00	37.81 2.17 -1.30	34.75 2.11 0.00	32.52 1.91 0.00	39.88 1.97 0.00	39.70 1.79 0.00	34.00 1.59 0.00	41.32 1.99 0.00	44.23 2.14 0.00	50.82 2.26 -5.21	54.91 2.18 -2.03	65.90 2.51 -5.48	71.14 2.83 -4.17	54.47 2.61 -2.89	51.82 2.57 -0.88	54.09 2.56 -0.64	52.38 2.66 0.00	51.25 2.24 0.00	50.79 2.18 0.00	51.20 1.77 0.00	51.55 1.27 0.00	46.96 1.70 0.00	40.26 1.76 -0.31
HUDSON AVE_GT_4 23540	50.64 2.44 0.00	43.24 2.54 0.00	37.81 2.17 -1.30	34.75 2.11 0.00	32.52 1.91 0.00	39.88 1.97 0.00	39.70 1.79 0.00	34.00 1.59 0.00	41.32 1.99 0.00	44.23 2.14 0.00	50.82 2.26 -5.21	54.91 2.18 -2.03	65.90 2.51 -5.48	71.14 2.83 -4.17	54.47 2.61 -2.89	51.82 2.57 -0.88	54.09 2.56 -0.64	52.38 2.66 0.00	51.25 2.24 0.00	50.79 2.18 0.00	51.20 1.77 0.00	51.55 1.27 0.00	46.96 1.70 0.00	40.26 1.76 -0.31
HUDSON AVE_GT_5 23657	50.64 2.44 0.00	43.24 2.54 0.00	37.81 2.17 -1.30	34.75 2.11 0.00	32.52 1.91 0.00	39.88 1.97 0.00	39.70 1.79 0.00	34.00 1.59 0.00	41.32 1.99 0.00	44.23 2.14 0.00	50.82 2.26 -5.21	54.91 2.18 -2.03	65.90 2.51 -5.48	71.14 2.83 -4.17	54.47 2.61 -2.89	51.82 2.57 -0.88	54.09 2.56 -0.64	52.38 2.66 0.00	51.25 2.24 0.00	50.79 2.18 0.00	51.20 1.77 0.00	51.55 1.27 0.00	46.96 1.70 0.00	40.26 1.76 -0.31
HUDSON_AVE_10 24168	50.51 2.30 0.00	43.14 2.45 0.00	37.71 2.07 -1.30	34.65 2.02 0.00	32.43 1.82 0.00	39.77 1.87 0.00	39.59 1.68 0.00	33.92 1.50 0.00	41.20 1.88 0.00	44.10 2.01 0.00	50.65 2.09 -5.21	54.71 1.98 -2.03	65.67 2.28 -5.48	70.87 2.56 -4.17	54.29 2.44 -2.89	51.64 2.40 -0.88	53.90 2.36 -0.64	52.20 2.48 0.00	51.09 2.07 -0.02	51.09 1.99 -0.48	51.16 1.59 -0.13	51.68 1.13 -0.27	46.85 1.60 0.00	40.16 1.65 -0.31
HUDSON___115KV_TB 4 355613	49.29 1.09 0.00	41.93 1.24 0.00	35.76 1.42 0.00	34.18 1.54 0.00	32.08 1.47 0.00	39.52 1.61 0.00	39.25 1.35 0.00	33.22 0.81 0.00	39.86 0.54 0.00	42.23 0.14 0.00	40.65 0.05 2.76	49.39 -0.24 1.07	54.61 -0.42 2.89	61.41 -0.55 2.18	47.22 -0.21 1.53	47.74 -0.17 0.46	50.61 0.05 0.34	49.82 0.10 0.00	49.70 0.69 0.00	49.40 0.79 0.00	50.13 0.70 0.00	50.75 0.48 0.00	45.72 0.47 0.00	38.47 0.44 0.16
HUNTER MOUNT___DRP 323613	49.45 1.25 0.00	42.06 1.37 0.00	35.91 1.57 0.00	34.33 1.70 0.00	32.23 1.62 0.00	39.72 1.81 0.00	39.46 1.55 0.00	33.43 1.02 0.00	40.17 0.85 0.00	42.53 0.44 0.00	42.03 0.39 1.72	50.23 0.20 0.67	56.17 0.05 1.79	62.71 -0.11 1.33	48.14 0.14 0.96	48.26 0.18 0.29	51.12 0.43 0.21	50.22 0.50 0.00	50.10 1.09 0.00	49.77 1.15 0.00	50.50 1.07 0.00	51.13 0.86 0.00	46.02 0.76 0.00	38.74 0.65 0.10
HUNTINGTON_RES_REC 323705	49.93 1.73 0.00	43.04 2.35 0.00	37.77 2.14 -1.29	34.69 2.05 0.00	32.46 1.85 0.00	39.72 1.82 0.00	39.20 1.30 0.00	32.71 1.14 0.84	40.26 1.57 0.64	43.64 1.55 0.00	51.18 2.62 -5.21	54.61 1.88 -2.03	64.68 1.29 -5.48	69.97 1.66 -4.17	53.60 1.74 -2.89	50.92 1.67 -0.88	52.93 1.39 -0.64	51.25 1.53 0.00	40.30 0.87 9.58	36.21 0.83 13.24	28.15 0.50 21.78	28.11 0.01 22.18	46.03 0.77 0.00	39.80 1.30 -0.31
HUNTLEY___63 23557	48.38 0.18 0.00	40.79 0.10 0.00	33.91 -0.43 0.00	32.22 -0.42 0.00	30.09 -0.52 0.00	37.51 -0.40 0.00	37.43 -0.48 0.00	31.64 -0.78 0.00	39.00 -0.32 0.00	42.49 0.40 0.00	44.51 1.16 0.00	52.90 2.20 0.00	60.35 2.44 0.00	66.45 2.30 0.00	49.91 0.95 0.00	49.54 1.17 0.00	53.06 2.16 0.00	52.04 2.32 0.00	50.94 1.94 0.00	50.04 1.42 0.00	50.26 0.83 0.00	51.17 0.90 0.00	46.12 0.87 0.00	38.88 0.68 0.00
HUNTLEY___64 23558	48.38 0.18 0.00	40.79 0.10 0.00	33.91 -0.43 0.00	32.22 -0.42 0.00	30.09 -0.52 0.00	37.51 -0.40 0.00	37.43 -0.48 0.00	31.64 -0.78 0.00	39.00 -0.32 0.00	42.49 0.40 0.00	44.51 1.16 0.00	52.90 2.20 0.00	60.35 2.44 0.00	66.45 2.30 0.00	49.91 0.95 0.00	49.54 1.17 0.00	53.06 2.16 0.00	52.04 2.32 0.00	50.94 1.94 0.00	50.04 1.42 0.00	50.26 0.83 0.00	51.17 0.90 0.00	46.12 0.87 0.00	38.88 0.68 0.00
HUNTLEY___65 23559	48.38 0.18 0.00	40.79 0.10 0.00	33.91 -0.43 0.00	32.22 -0.42 0.00	30.09 -0.52 0.00	37.51 -0.40 0.00	37.43 -0.48 0.00	31.64 -0.78 0.00	39.00 -0.32 0.00	42.49 0.40 0.00	44.51 1.16 0.00	52.90 2.20 0.00	60.35 2.44 0.00	66.45 2.30 0.00	49.91 0.95 0.00	49.54 1.17 0.00	53.06 2.16 0.00	52.04 2.32 0.00	50.94 1.94 0.00	50.04 1.42 0.00	50.26 0.83 0.00	51.17 0.90 0.00	46.12 0.87 0.00	38.88 0.68 0.00
HUNTLEY___66 23560	48.38 0.18 0.00	40.79 0.10 0.00	33.91 -0.43 0.00	32.22 -0.42 0.00	30.09 -0.52 0.00	37.51 -0.40 0.00	37.43 -0.48 0.00	31.64 -0.78 0.00	39.00 -0.32 0.00	42.49 0.40 0.00	44.51 1.16 0.00	52.90 2.20 0.00	60.35 2.44 0.00	66.45 2.30 0.00	49.91 0.95 0.00	49.54 1.17 0.00	53.06 2.16 0.00	52.04 2.32 0.00	50.94 1.94 0.00	50.04 1.42 0.00	50.26 0.83 0.00	51.17 0.90 0.00	46.12 0.87 0.00	38.88 0.68 0.00
HUNTLEY___67 23561	48.15 -0.06 0.00	40.58 -0.11 0.00	33.74 -0.60 0.00	32.00 -0.64 0.00	29.90 -0.72 0.00	37.25 -0.65 0.00	37.17 -0.73 0.00	31.44 -0.98 0.00	38.68 -0.64 0.00	42.08 -0.01 0.00	44.03 0.68 0.00	52.28 1.57 0.00	59.57 1.66 0.00	65.75 1.60 0.00	49.43 0.47 0.00	49.04 0.67 0.00	52.54 1.64 0.00	51.63 1.91 0.00	50.57 1.56 0.00	49.69 1.07 0.00	49.88 0.45 0.00	50.78 0.50 0.00	45.67 0.41 0.00	38.47 0.28 0.00
HUNTLEY___68 23562	48.15 -0.06 0.00	40.58 -0.11 0.00	33.74 -0.60 0.00	32.00 -0.64 0.00	29.90 -0.72 0.00	37.25 -0.65 0.00	37.17 -0.73 0.00	31.44 -0.98 0.00	38.68 -0.64 0.00	42.08 -0.01 0.00	44.03 0.68 0.00	52.28 1.57 0.00	59.57 1.66 0.00	65.75 1.60 0.00	49.43 0.47 0.00	49.04 0.67 0.00	52.54 1.64 0.00	51.63 1.91 0.00	50.57 1.56 0.00	49.69 1.07 0.00	49.88 0.45 0.00	50.78 0.50 0.00	45.67 0.41 0.00	38.47 0.28 0.00

HYLAND___LFGE 323620	50.39 2.19 0.00	42.20 1.51 0.00	35.21 0.87 0.00	33.38 0.75 0.00	31.22 0.61 0.00	38.79 0.89 0.00	38.78 0.88 0.00	32.75 0.34 0.00	39.47 0.15 0.00	42.03 -0.06 0.00	43.57 0.22 0.00	51.78 1.08 0.00	59.13 1.22 0.00	65.45 1.31 0.00	49.78 0.82 0.00	49.37 1.01 0.00	53.11 2.21 0.00	52.57 2.85 0.00	52.50 3.50 0.00	52.19 3.57 0.00	52.87 3.44 0.00	53.91 3.64 0.00	48.21 2.95 0.00	40.37 2.18 0.00
INDECK___CORINTH 23802	49.71 1.51 0.00	42.23 1.53 0.00	35.86 1.52 0.00	34.17 1.54 0.00	32.06 1.44 0.00	39.50 1.59 0.00	39.15 1.24 0.00	33.31 0.90 0.00	40.07 0.75 0.00	42.49 0.40 4.48	38.81 -0.06 1.74	48.85 -0.11 4.72	53.05 -0.15 3.59	60.84 0.28 2.49	47.00 0.53 0.76	48.36 0.74 0.55	51.66 1.31 0.00	51.64 1.92 0.00	51.64 2.64 0.00	51.24 2.62 0.00	51.82 2.39 0.00	52.11 1.84 0.00	46.78 1.52 0.00	39.25 1.33 0.27
INDECK___ILION 23567	48.49 0.28 0.00	41.07 0.38 0.00	34.82 0.48 0.00	33.20 0.56 0.00	31.18 0.57 0.00	38.50 0.60 0.00	38.30 0.40 0.00	32.50 0.08 0.00	39.12 -0.20 0.00	41.60 -0.49 0.00	42.76 -0.60 0.00	49.91 -0.79 0.00	57.01 -0.90 0.00	63.17 -0.97 0.00	48.41 -0.56 0.00	47.88 -0.49 0.00	50.76 -0.13 0.00	49.87 0.15 0.00	49.33 0.32 0.00	48.99 0.38 0.00	49.69 0.26 0.00	50.34 0.07 0.00	45.34 0.09 0.00	38.28 0.09 0.00
INDECK___OLEAN 23982	47.99 -0.21 0.00	40.68 -0.02 0.00	33.95 -0.39 0.00	32.20 -0.43 0.00	30.17 -0.45 0.00	37.60 -0.30 0.00	37.57 -0.34 0.00	31.85 -0.56 0.00	38.89 -0.44 0.00	42.26 0.16 0.00	44.34 0.99 0.00	52.15 1.44 0.00	58.92 1.01 0.00	65.15 1.01 0.00	49.10 0.14 0.00	48.49 0.12 0.00	51.95 1.05 0.00	51.10 1.39 0.00	50.11 1.11 0.00	49.17 0.56 0.00	49.45 0.03 0.00	50.34 0.06 0.00	45.51 0.25 0.00	38.53 0.34 0.00
INDECK___OSWEGO 23783	46.96 -1.25 0.00	39.92 -0.78 0.00	33.71 -0.63 0.00	32.05 -0.59 0.00	30.06 -0.55 0.00	37.20 -0.70 0.00	37.13 -0.77 0.00	31.65 -0.77 0.00	38.35 -0.98 0.00	41.03 -1.06 0.00	42.14 -1.21 0.00	49.24 -1.46 0.00	56.39 -1.64 -0.11	64.52 -1.86 -2.24	47.64 -1.33 0.00	47.15 -1.22 0.00	50.03 -1.06 -0.19	49.18 -0.78 -0.24	48.28 -0.73 0.00	47.83 -0.78 0.00	48.48 -0.95 0.00	49.17 -1.10 0.00	44.18 -1.08 0.00	37.22 -0.98 0.00
INDECK___YERKES 23781	48.40 0.19 0.00	40.82 0.13 0.00	33.94 -0.40 0.00	32.25 -0.38 0.00	30.12 -0.49 0.00	37.54 -0.36 0.00	37.47 -0.43 0.00	31.67 -0.74 0.00	39.04 -0.28 0.00	42.54 0.45 0.00	44.55 1.20 0.00	52.99 2.29 0.00	60.41 2.49 0.00	66.48 2.33 0.00	49.92 0.96 0.00	49.55 1.19 0.00	53.06 2.16 0.00	52.03 2.31 0.00	50.96 1.96 0.00	50.04 1.42 0.00	50.26 0.83 0.00	51.18 0.90 0.00	46.16 0.90 0.00	38.93 0.74 0.00
INDIAN POINT_GT_1 24139	50.04 1.83 0.00	42.67 1.98 0.00	37.47 1.71 -1.42	34.30 1.67 0.00	32.14 1.53 0.00	39.45 1.55 0.00	39.29 1.38 0.00	33.61 1.20 0.00	40.80 1.48 0.00	43.64 1.55 0.00	50.16 1.69 -5.12	54.32 1.63 -1.99	65.20 1.90 -5.39	70.45 2.20 -4.10	53.85 2.04 -2.84	51.23 1.99 -0.86	53.51 1.98 -0.63	51.81 2.09 0.00	50.79 1.78 0.00	50.34 1.72 0.00	50.79 1.36 0.00	51.17 0.90 0.00	46.45 1.20 0.00	39.81 1.31 -0.31
INDIAN POINT_GT_2 23659	50.04 1.83 0.00	42.67 1.98 0.00	37.47 1.71 -1.42	34.30 1.67 0.00	32.14 1.53 0.00	39.45 1.55 0.00	39.29 1.38 0.00	33.61 1.20 0.00	40.80 1.48 0.00	43.64 1.55 0.00	50.16 1.69 -5.12	54.32 1.63 -1.99	65.20 1.90 -5.39	70.45 2.20 -4.10	53.85 2.04 -2.84	51.23 1.99 -0.86	53.51 1.98 -0.63	51.81 2.09 0.00	50.79 1.78 0.00	50.34 1.72 0.00	50.79 1.36 0.00	51.17 0.90 0.00	46.45 1.20 0.00	39.81 1.31 -0.31
INDIAN POINT_GT_3 24019	50.04 1.83 0.00	42.67 1.98 0.00	37.47 1.71 -1.42	34.30 1.67 0.00	32.14 1.53 0.00	39.45 1.55 0.00	39.29 1.38 0.00	33.61 1.20 0.00	40.80 1.48 0.00	43.64 1.55 0.00	50.16 1.69 -5.12	54.32 1.63 -1.99	65.20 1.90 -5.39	70.45 2.20 -4.10	53.85 2.04 -2.84	51.23 1.99 -0.86	53.51 1.98 -0.63	51.81 2.09 0.00	50.79 1.78 0.00	50.34 1.72 0.00	50.79 1.36 0.00	51.17 0.90 0.00	46.45 1.20 0.00	39.81 1.31 -0.31
INDIAN POINT___2 23530	49.99 1.78 0.00	42.62 1.92 0.00	37.95 1.65 -1.96	34.26 1.63 0.00	32.09 1.48 0.00	39.40 1.50 0.00	39.25 1.35 0.00	33.57 1.16 0.00	40.76 1.44 0.00	43.61 1.51 0.00	49.99 1.68 -4.96	54.24 1.60 -1.93	65.04 1.90 -5.22	70.32 2.20 -3.98	53.75 2.03 -2.75	51.17 1.96 -0.84	53.47 1.97 -0.61	51.78 2.06 0.00	50.75 1.75 0.00	50.32 1.70 0.00	50.76 1.33 0.00	51.12 0.85 0.00	46.44 1.18 0.00	39.79 1.29 -0.30
INDIAN POINT___3 23531	49.94 1.74 0.00	42.59 1.90 0.00	37.45 1.64 -1.47	34.26 1.62 0.00	32.09 1.48 0.00	39.40 1.50 0.00	39.24 1.34 0.00	33.56 1.15 0.00	40.75 1.42 0.00	43.57 1.48 0.00	50.10 1.62 -5.13	54.26 1.56 -2.00	65.14 1.83 -5.40	70.38 2.13 -4.11	53.80 1.99 -2.85	51.14 1.91 -0.87	53.44 1.91 -0.63	51.72 2.00 0.00	50.71 1.71 0.00	50.27 1.65 0.00	50.71 1.28 0.00	51.09 0.81 0.00	46.39 1.14 0.00	39.74 1.24 -0.31
INGHAM_C_115KV_TB7 356103	48.52 0.32 0.00	41.22 0.52 0.00	35.12 0.78 0.00	33.58 0.95 0.00	31.57 0.95 0.00	38.91 1.01 0.00	38.52 0.61 0.00	32.41 0.00 0.00	38.63 -0.69 0.00	40.72 -1.37 0.00	41.65 -1.71 0.00	48.54 -2.16 0.00	55.48 -2.44 0.00	61.45 -2.69 0.00	47.29 -1.68 0.00	46.83 -1.54 0.00	50.11 -0.80 0.00	49.53 -0.19 0.00	49.27 0.26 0.00	49.05 0.43 0.00	49.75 0.32 0.00	50.27 0.00 0.00	45.28 0.03 0.00	38.25 0.05 0.00
IP CORINTH___1 23988	50.00 1.79 0.00	42.46 1.77 0.00	36.04 1.70 0.00	34.33 1.70 0.00	32.22 1.61 0.00	39.70 1.80 0.00	39.36 1.46 0.00	33.48 1.06 0.00	40.30 0.97 0.00	42.73 0.64 0.00	39.07 0.20 4.48	49.15 0.19 1.74	53.38 0.19 4.72	61.22 0.67 3.59	47.29 0.81 2.49	48.64 1.03 0.76	51.96 1.61 0.55	51.93 2.21 0.00	51.93 2.92 0.00	51.52 2.91 0.00	52.12 2.69 0.00	52.41 2.13 0.00	47.05 1.80 0.00	39.48 1.55 0.27
IP___TICONDEROGA 23804	51.71 3.51 0.00	44.30 3.61 0.00	37.77 3.43 0.00	35.87 3.24 0.00	33.68 3.07 0.00	41.41 3.51 0.00	40.81 2.90 0.00	34.35 1.94 0.00	41.07 1.75 0.00	43.44 1.35 0.00	39.79 1.03 4.59	50.37 1.45 1.79	54.73 1.65 4.84	63.75 3.28 3.68	49.31 2.90 2.55	51.04 3.45 0.77	54.69 4.35 0.56	55.42 5.70 0.00	55.37 6.37 0.00	55.40 6.79 0.00	55.56 6.12 0.00	55.15 4.88 0.00	49.38 4.12 0.00	41.66 3.74 0.27
ISLIP_RES_REC 323679	50.65 2.45 0.00	43.50 2.81 0.00	38.11 2.48 -1.29	35.02 2.39 0.00	32.78 2.16 0.00	40.05 2.15 0.00	39.59 1.68 0.00	33.08 1.50 0.83	40.88 2.18 0.63	44.23 2.14 0.00	51.66 3.11 -5.21	55.24 2.52 -2.03	65.55 2.17 -5.48	70.95 2.63 -4.17	54.31 2.46 -2.89	51.60 2.36 -0.88	53.57 2.03 -0.64	52.00 2.28 0.00	41.02 1.57 9.55	36.94 1.53 13.21	28.97 1.27 21.73	28.96 0.81 22.12	46.62 1.37 0.00	40.21 1.71 -0.31

JAMAICA__27_KV_LOAD 355505	50.91 2.71 0.00	43.54 2.84 0.00	37.96 2.33 -1.30	34.88 2.25 0.00	32.63 2.02 0.00	40.02 2.12 0.00	39.83 1.93 0.00	34.14 1.72 0.00	41.45 2.13 0.00	44.35 2.26 0.00	50.79 2.24 -5.21	54.91 2.18 -2.03	65.86 2.47 -5.48	71.06 2.75 -4.17	54.54 2.69 -2.89	51.90 2.65 -0.88	54.21 2.67 -0.64	52.51 2.79 0.00	51.38 2.35 -0.03	51.45 2.24 -0.60	51.46 1.87 -0.17	52.10 1.49 -0.34	47.22 1.96 0.00	40.43 1.92 -0.31
JANIS__SOLAR 323808	50.53 2.33 0.00	42.67 1.98 0.00	35.87 1.53 0.00	34.08 1.45 0.00	32.00 1.39 0.00	39.64 1.74 0.00	39.58 1.68 0.00	33.64 1.23 0.00	40.56 1.24 0.00	43.28 1.19 0.00	44.58 1.22 0.00	52.19 1.49 0.00	59.59 1.66 -0.02	66.60 2.01 -0.45	50.34 1.38 0.00	49.88 1.51 0.00	53.23 2.29 -0.04	52.48 2.71 -0.05	52.18 3.17 0.00	51.87 3.26 0.00	52.64 3.21 0.00	53.19 2.91 0.00	47.57 2.32 0.00	40.06 1.87 0.00
JARVIS____ 23743	48.29 0.09 0.00	40.84 0.15 0.00	34.52 0.18 0.00	32.84 0.21 0.00	30.83 0.21 0.00	38.12 0.22 0.00	38.05 0.15 0.00	32.45 0.03 0.00	39.30 -0.02 0.00	42.02 -0.07 0.00	43.27 -0.09 0.00	50.56 -0.14 0.00	57.73 -0.18 0.00	63.97 -0.18 0.00	48.89 -0.07 0.00	48.30 -0.07 0.00	50.90 0.00 0.00	49.83 0.11 0.00	49.15 0.15 0.00	48.76 0.14 0.00	49.48 0.05 0.00	50.18 -0.09 0.00	45.20 -0.06 0.00	38.16 -0.04 0.00
JENNISON____1 23625	50.59 2.39 0.00	42.66 1.97 0.00	35.96 1.62 0.00	34.23 1.59 0.00	32.18 1.56 0.00	39.82 1.92 0.00	39.77 1.86 0.00	33.79 1.38 0.00	40.88 1.56 0.00	43.66 1.57 0.00	45.26 1.90 0.00	53.06 2.35 0.00	60.53 2.61 -0.02	67.26 2.79 -0.33	51.00 2.04 0.00	50.45 2.09 0.00	53.85 2.92 -0.03	52.84 3.09 -0.04	52.09 3.08 0.00	51.71 3.09 0.00	52.38 2.95 0.00	52.57 2.29 0.00	46.90 1.65 0.00	39.70 1.51 0.00
JENNISON____2 23626	50.59 2.39 0.00	42.66 1.97 0.00	35.96 1.62 0.00	34.23 1.59 0.00	32.18 1.56 0.00	39.82 1.92 0.00	39.77 1.86 0.00	33.79 1.38 0.00	40.88 1.56 0.00	43.66 1.57 0.00	45.26 1.90 0.00	53.06 2.35 0.00	60.53 2.61 -0.02	67.26 2.79 -0.33	51.00 2.04 0.00	50.45 2.09 0.00	53.85 2.92 -0.03	52.84 3.09 -0.04	52.09 3.08 0.00	51.71 3.09 0.00	52.38 2.95 0.00	52.57 2.29 0.00	46.90 1.65 0.00	39.70 1.51 0.00
JERICOHO_RISE_WT_PWR 323719	48.47 0.27 0.00	40.77 0.08 0.00	34.35 0.01 0.00	32.48 -0.16 0.00	30.42 -0.19 0.00	37.79 -0.11 0.00	37.99 0.09 0.00	32.69 0.27 0.00	39.85 0.52 0.00	42.76 0.67 0.00	43.90 0.55 0.00	51.57 0.86 0.00	58.86 0.94 0.00	65.03 0.89 0.00	49.42 0.45 0.00	48.75 0.39 0.00	51.09 0.19 0.00	49.62 -0.10 0.00	48.92 -0.08 0.00	48.65 0.04 0.00	49.77 0.34 0.00	50.86 0.58 0.00	45.59 0.34 0.00	38.32 0.13 0.00
KATONAH__115KV_46KV_TB4 355592	50.27 2.07 0.00	42.84 2.15 0.00	36.91 1.86 -0.71	34.44 1.81 0.00	32.26 1.65 0.00	39.62 1.72 0.00	39.44 1.54 0.00	33.72 1.31 0.00	40.99 1.67 0.00	43.83 1.73 0.00	50.48 1.87 -5.26	54.60 1.86 -2.05	65.62 2.16 -5.55	70.92 2.52 -4.25	54.15 2.27 -2.92	51.48 2.22 -0.89	53.77 2.23 -0.64	52.07 2.35 0.00	51.07 2.07 0.00	50.61 2.00 0.00	51.05 1.62 0.00	51.44 1.17 0.00	46.63 1.37 0.00	39.90 1.40 -0.31
KCE_NY_1 323755	50.06 1.86 0.00	42.50 1.81 0.00	36.03 1.69 0.00	34.29 1.65 0.00	32.20 1.59 0.00	39.75 1.85 0.00	39.45 1.55 0.00	33.59 1.18 0.00	40.49 1.16 0.00	43.05 0.96 0.00	39.30 0.69 4.75	49.54 0.69 1.85	53.79 0.89 5.00	61.49 1.15 3.81	47.39 1.07 2.64	48.77 1.20 0.80	52.00 1.69 0.58	51.88 2.16 0.00	51.40 2.39 0.00	51.06 2.45 0.00	51.69 2.26 0.00	52.13 1.85 0.00	46.84 1.59 0.00	39.27 1.36 0.28
KCE_NY_6_ESR 323823	48.70 0.50 0.00	41.05 0.36 0.00	34.14 -0.20 0.00	32.35 -0.28 0.00	30.24 -0.37 0.00	37.67 -0.23 0.00	37.62 -0.29 0.00	31.81 -0.61 0.00	39.07 -0.26 0.00	42.51 0.42 0.00	44.54 1.18 0.00	52.92 2.22 0.00	60.34 2.43 0.00	66.75 2.60 0.00	50.18 1.22 0.00	49.77 1.40 0.00	53.28 2.38 0.00	52.33 2.61 0.00	51.28 2.27 0.00	50.37 1.76 0.00	50.57 1.14 0.00	51.45 1.18 0.00	46.24 0.99 0.00	38.93 0.73 0.00
KEDC_PORT_JEFF_GT2 24210	50.16 1.96 0.00	43.13 2.43 0.00	37.81 2.18 -1.29	34.74 2.11 0.00	32.53 1.92 0.00	39.75 1.85 0.00	39.30 1.40 0.00	32.79 1.23 0.85	40.49 1.81 0.64	43.82 1.73 0.00	51.27 2.71 -5.21	54.78 2.05 -2.03	64.98 1.59 -5.48	70.28 1.97 -4.17	53.78 1.93 -2.89	51.01 1.76 -0.88	52.64 1.10 -0.64	51.05 1.33 0.00	40.03 0.66 9.63	35.95 0.66 13.32	28.17 0.65 21.91	28.22 0.26 22.31	46.22 0.97 0.00	39.90 1.39 -0.31
KEDC_PORT_JEFF_GT3 24211	50.16 1.96 0.00	43.13 2.43 0.00	37.81 2.18 -1.29	34.74 2.11 0.00	32.53 1.92 0.00	39.75 1.85 0.00	39.30 1.40 0.00	32.79 1.23 0.85	40.49 1.81 0.64	43.82 1.73 0.00	51.27 2.71 -5.21	54.78 2.05 -2.03	64.98 1.59 -5.48	70.28 1.97 -4.17	53.78 1.93 -2.89	51.01 1.76 -0.88	52.64 1.10 -0.64	51.05 1.33 0.00	40.03 0.66 9.63	35.95 0.66 13.32	28.17 0.65 21.91	28.22 0.26 22.31	46.22 0.97 0.00	39.90 1.39 -0.31
KEDC_GLWD_GT4 24219	50.55 2.35 0.00	43.28 2.58 0.00	37.87 2.24 -1.29	34.78 2.14 0.00	32.54 1.93 0.00	39.90 2.00 0.00	39.61 1.71 0.00	34.14 1.50 -0.22	41.43 1.94 -0.17	44.12 2.03 0.00	50.81 2.25 -5.21	54.69 1.96 -2.03	65.44 2.05 -5.48	70.74 2.43 -4.17	54.12 2.27 -2.89	51.45 2.20 -0.88	53.68 2.14 -0.64	51.95 2.23 0.00	47.71 1.77 3.07	46.26 1.68 4.03	43.50 1.26 7.19	43.91 0.76 7.12	46.44 1.18 0.00	40.15 1.65 -0.31
KEDC_GLWD_GT5 24220	50.55 2.35 0.00	43.28 2.58 0.00	37.87 2.24 -1.29	34.78 2.14 0.00	32.54 1.93 0.00	39.90 2.00 0.00	39.61 1.71 0.00	34.14 1.50 -0.22	41.43 1.94 -0.17	44.12 2.03 0.00	50.81 2.25 -5.21	54.69 1.96 -2.03	65.44 2.05 -5.48	70.74 2.43 -4.17	54.12 2.27 -2.89	51.45 2.20 -0.88	53.68 2.14 -0.64	51.95 2.23 0.00	47.71 1.77 3.07	46.26 1.68 4.03	43.50 1.26 7.19	43.91 0.76 7.12	46.44 1.18 0.00	40.15 1.65 -0.31
KENSICO____ 23655	50.20 2.00 0.00	42.83 2.13 0.00	37.54 1.85 -1.35	34.44 1.80 0.00	32.26 1.65 0.00	39.60 1.69 0.00	39.42 1.51 0.00	33.71 1.30 0.00	40.95 1.63 0.00	43.79 1.70 0.00	50.39 1.84 -5.20	54.50 1.78 -2.02	65.43 2.05 -5.47	70.65 2.34 -4.16	54.02 2.17 -2.89	51.37 2.13 -0.88	53.65 2.12 -0.64	51.94 2.22 0.00	50.90 1.89 0.00	50.44 1.83 0.00	50.89 1.46 0.00	51.27 0.99 0.00	46.57 1.32 0.00	39.90 1.40 -0.31
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	50.70 2.50 0.00	43.02 2.33 0.00	36.00 1.90 0.24	34.47 1.84 0.00	32.31 1.70 0.00	39.70 1.80 0.00	39.54 1.63 0.00	33.80 1.39 0.00	41.06 1.74 0.00	43.90 1.81 0.00	48.46 1.93 -3.17	53.88 1.94 -1.24	63.81 2.46 -3.44	69.99 3.12 -2.72	53.36 2.63 -1.76	51.56 2.65 -0.54	54.09 2.80 -0.39	52.78 3.06 0.00	51.80 2.79 0.00	51.33 2.71 0.00	51.83 2.40 0.00	52.26 1.99 0.00	47.26 2.00 0.00	40.23 1.85 -0.19



LITTLRIV_115KV_TB1 356100	49.86 1.66 0.00	41.78 1.09 0.00	35.10 0.76 0.00	33.10 0.47 0.00	31.06 0.44 0.00	38.66 0.75 0.00	38.88 0.98 0.00	33.31 0.90 0.00	40.35 1.03 0.00	43.17 1.08 0.00	44.34 0.98 0.00	52.06 1.36 0.00	59.42 1.51 0.00	65.80 1.66 0.00	49.96 1.00 0.00	49.32 0.96 0.00	51.72 0.82 0.00	50.60 0.88 0.00	50.28 1.28 0.00	50.27 1.65 0.00	51.55 2.12 0.00	52.89 2.61 0.00	47.34 2.09 0.00	39.67 1.47 0.00
LI_NEWBRDGE___DRP 323616	49.84 1.64 0.00	42.84 2.14 0.00	37.57 1.94 -1.29	34.49 1.86 0.00	32.28 1.67 0.00	39.53 1.63 0.00	39.14 1.24 0.00	32.46 1.11 1.06	39.97 1.44 0.80	43.58 1.49 0.00	50.69 2.13 -5.21	54.28 1.55 -2.03	64.70 1.31 -5.48	69.94 1.63 -4.17	53.52 1.67 -2.89	50.83 1.58 -0.88	52.95 1.41 -0.64	51.26 1.54 0.00	39.59 1.04 10.45	35.07 1.02 14.57	26.31 0.61 23.73	26.16 0.12 24.23	46.00 0.75 0.00	39.68 1.17 -0.31
LOCKPORT_115KV_TB60_63_64 80432	48.03 -0.17 0.00	40.45 -0.24 0.00	33.64 -0.70 0.00	31.89 -0.75 0.00	29.80 -0.81 0.00	37.14 -0.76 0.00	37.07 -0.83 0.00	31.30 -1.11 0.00	38.57 -0.76 0.00	41.92 -0.17 0.00	43.86 0.50 0.00	52.07 1.37 0.00	59.32 1.41 0.00	65.35 1.20 0.00	49.15 0.19 0.00	48.81 0.44 0.00	52.31 1.41 0.00	51.35 1.63 0.00	50.26 1.25 0.00	49.40 0.78 0.00	49.59 0.16 0.00	50.48 0.21 0.00	45.46 0.21 0.00	38.33 0.13 0.00
LOCKPORT___CC1 323769	47.86 -0.34 0.00	40.33 -0.37 0.00	33.54 -0.80 0.00	31.80 -0.84 0.00	29.71 -0.90 0.00	37.04 -0.87 0.00	36.95 -0.95 0.00	31.21 -1.20 0.00	38.43 -0.89 0.00	41.79 -0.29 0.00	43.71 0.36 0.00	51.89 1.19 0.00	59.07 1.15 0.00	65.08 0.94 0.00	48.95 -0.02 0.00	48.56 0.19 0.00	52.04 1.14 0.00	51.09 1.37 0.00	50.02 1.02 0.00	49.17 0.55 0.00	49.36 -0.07 0.00	50.27 -0.01 0.00	45.26 0.00 0.00	38.16 -0.04 0.00
LOCKPORT___CC2 323770	47.86 -0.34 0.00	40.33 -0.37 0.00	33.54 -0.80 0.00	31.80 -0.84 0.00	29.71 -0.90 0.00	37.04 -0.87 0.00	36.95 -0.95 0.00	31.21 -1.20 0.00	38.43 -0.89 0.00	41.79 -0.29 0.00	43.71 0.36 0.00	51.89 1.19 0.00	59.07 1.15 0.00	65.08 0.94 0.00	48.95 -0.02 0.00	48.56 0.19 0.00	52.04 1.14 0.00	51.09 1.37 0.00	50.02 1.02 0.00	49.17 0.55 0.00	49.36 -0.07 0.00	50.27 -0.01 0.00	45.26 0.00 0.00	38.16 -0.04 0.00
LOCKPORT___CC3 323771	47.86 -0.34 0.00	40.33 -0.37 0.00	33.54 -0.80 0.00	31.80 -0.84 0.00	29.71 -0.90 0.00	37.04 -0.87 0.00	36.95 -0.95 0.00	31.21 -1.20 0.00	38.43 -0.89 0.00	41.79 -0.29 0.00	43.71 0.36 0.00	51.89 1.19 0.00	59.07 1.15 0.00	65.08 0.94 0.00	48.95 -0.02 0.00	48.56 0.19 0.00	52.04 1.14 0.00	51.09 1.37 0.00	50.02 1.02 0.00	49.17 0.55 0.00	49.36 -0.07 0.00	50.27 -0.01 0.00	45.26 0.00 0.00	38.16 -0.04 0.00
LOCUSVLY_69_KV_BK2 55797	50.60 2.39 0.00	43.39 2.69 0.00	37.96 2.33 -1.29	34.86 2.23 0.00	32.62 2.01 0.00	39.97 2.07 0.00	39.61 1.70 0.00	33.95 1.53 0.00	41.31 1.98 0.00	44.20 2.11 0.00	51.20 2.64 -5.21	54.96 2.23 -2.03	65.64 2.24 -5.48	71.05 2.73 -4.17	54.36 2.50 -2.89	51.68 2.44 -0.88	53.90 2.37 -0.64	52.16 2.44 0.00	46.18 1.97 4.79	43.90 1.84 6.56	39.76 1.41 11.08	39.98 0.87 11.16	46.58 1.32 0.00	40.20 1.70 -0.31
LONG_LAKE_PHOENIX 24014	47.51 -0.69 0.00	40.18 -0.51 0.00	33.85 -0.49 0.00	32.19 -0.44 0.00	30.19 -0.42 0.00	37.36 -0.54 0.00	37.29 -0.62 0.00	31.78 -0.63 0.00	38.56 -0.77 0.00	41.31 -0.78 0.00	42.61 -0.74 0.00	49.93 -0.77 0.00	57.16 -0.85 -0.09	64.94 -0.91 -1.71	48.37 -0.59 0.00	47.83 -0.54 0.00	50.74 -0.30 -0.14	49.86 -0.04 -0.18	48.99 -0.01 0.00	48.55 -0.06 0.00	49.18 -0.25 0.00	49.88 -0.39 0.00	44.80 -0.45 0.00	37.75 -0.44 0.00
LOVETT___3 23632	49.87 1.67 0.00	42.52 1.82 0.00	34.00 1.58 1.92	34.20 1.56 0.00	32.04 1.43 0.00	39.33 1.43 0.00	39.18 1.27 0.00	33.51 1.10 0.00	40.68 1.36 0.00	43.53 1.43 0.00	49.87 1.59 -4.92	54.17 1.55 -1.92	64.95 1.85 -5.19	70.24 2.14 -3.95	53.69 2.00 -2.73	51.11 1.91 -0.83	53.41 1.90 -0.60	51.70 1.98 0.00	50.66 1.66 0.00	50.23 1.61 0.00	50.66 1.23 0.00	51.03 0.76 0.00	46.34 1.08 0.00	39.70 1.21 -0.30
LOVETT___4 23642	49.87 1.67 0.00	42.52 1.82 0.00	34.00 1.58 1.92	34.20 1.56 0.00	32.04 1.43 0.00	39.33 1.43 0.00	39.18 1.27 0.00	33.51 1.10 0.00	40.68 1.36 0.00	43.53 1.43 0.00	49.87 1.59 -4.92	54.17 1.55 -1.92	64.95 1.85 -5.19	70.24 2.14 -3.95	53.69 2.00 -2.73	51.11 1.91 -0.83	53.41 1.90 -0.60	51.70 1.98 0.00	50.66 1.66 0.00	50.23 1.61 0.00	50.66 1.23 0.00	51.03 0.76 0.00	46.34 1.08 0.00	39.70 1.21 -0.30
LOVETT___5 23593	49.87 1.67 0.00	42.52 1.82 0.00	34.00 1.58 1.92	34.20 1.56 0.00	32.04 1.43 0.00	39.33 1.43 0.00	39.18 1.27 0.00	33.51 1.10 0.00	40.68 1.36 0.00	43.53 1.43 0.00	49.87 1.59 -4.92	54.17 1.55 -1.92	64.95 1.85 -5.19	70.24 2.14 -3.95	53.69 2.00 -2.73	51.11 1.91 -0.83	53.41 1.90 -0.60	51.70 1.98 0.00	50.66 1.66 0.00	50.23 1.61 0.00	50.66 1.23 0.00	51.03 0.76 0.00	46.34 1.08 0.00	39.70 1.21 -0.30
LOWER RAQUET___HYD 24057	48.98 0.78 0.00	41.09 0.40 0.00	34.54 0.20 0.00	32.61 -0.02 0.00	30.64 0.03 0.00	38.11 0.21 0.00	38.32 0.42 0.00	32.90 0.49 0.00	40.06 0.74 0.00	42.97 0.88 0.00	44.16 0.81 0.00	51.86 1.16 0.00	59.22 1.30 -0.01	65.69 1.40 -0.15	49.77 0.81 0.00	49.11 0.74 0.00	51.40 0.50 -0.01	50.19 0.45 -0.02	49.62 0.62 0.00	49.46 0.84 0.00	50.64 1.21 0.00	51.90 1.63 0.00	46.49 1.24 0.00	38.97 0.77 0.00
LOWER___HUDSON 24059	49.19 0.99 0.00	41.84 1.14 0.00	35.56 1.22 0.00	33.90 1.27 0.00	31.81 1.20 0.00	39.25 1.35 0.00	38.98 1.08 0.00	33.15 0.74 0.00	39.99 0.66 0.00	42.46 0.37 0.00	37.37 0.15 6.14	48.26 -0.05 2.39	51.38 -0.07 6.46	59.31 0.08 4.92	45.75 0.20 3.41	47.61 0.28 1.04	50.64 0.49 0.75	50.51 0.79 0.00	49.98 0.98 0.00	49.62 1.00 0.00	50.28 0.85 0.00	50.83 0.56 0.00	45.76 0.51 0.00	38.35 0.52 0.37
LOWVILLE_115KV_TB2 356335	50.76 2.56 0.00	42.77 2.08 0.00	35.95 1.60 0.00	34.06 1.43 0.00	31.94 1.33 0.00	39.57 1.67 0.00	39.45 1.54 0.00	33.57 1.16 0.00	40.44 1.12 0.00	43.20 1.11 0.00	44.42 1.07 0.00	51.90 1.20 0.00	59.43 1.50 -0.02	66.27 1.79 -0.34	50.42 1.46 0.00	50.01 1.64 0.00	52.98 2.05 -0.03	52.86 3.11 -0.04	52.19 3.18 0.00	51.85 3.24 0.00	52.47 3.05 0.00	52.90 2.63 0.00	47.26 2.00 0.00	39.31 1.11 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	50.05 1.85 0.00	42.49 1.79 0.00	36.02 1.68 0.00	34.31 1.68 0.00	32.21 1.59 0.00	39.74 1.83 0.00	39.47 1.57 0.00	33.57 1.16 0.00	40.47 1.15 0.00	43.01 0.92 0.00	39.28 0.68 4.75	49.53 0.67 1.85	53.69 0.78 5.00	61.44 1.11 3.81	47.37 1.05 2.64	48.73 1.17 0.80	51.96 1.65 0.58	51.76 2.04 0.00	51.33 2.32 0.00	50.96 2.34 0.00	51.60 2.17 0.00	52.08 1.81 0.00	46.83 1.57 0.00	39.27 1.36 0.28







NARROWS_GT1_6 24233	50.65 2.45 0.00	43.27 2.58 0.00	37.82 2.18 -1.29	34.70 2.07 0.00	32.46 1.84 0.00	39.74 1.84 0.00	39.68 1.78 0.00	33.97 1.56 0.00	41.28 1.95 0.00	44.15 2.06 0.00	50.70 2.15 -5.20	54.62 1.90 -2.02	65.61 2.23 -5.47	70.86 2.55 -4.16	54.20 2.34 -2.89	51.63 2.37 -0.89	53.84 2.31 -0.63	52.18 2.46 0.00	51.07 2.06 0.00	50.71 2.09 0.00	51.02 1.59 -0.01	51.38 1.11 0.01	47.03 1.77 -0.01	40.29 1.79 -0.31
NARROWS_GT1_7 24234	50.65 2.45 0.00	43.27 2.58 0.00	37.82 2.18 -1.29	34.70 2.07 0.00	32.46 1.84 0.00	39.74 1.84 0.00	39.68 1.78 0.00	33.97 1.56 0.00	41.28 1.95 0.00	44.15 2.06 0.00	50.70 2.15 -5.20	54.62 1.90 -2.02	65.61 2.23 -5.47	70.86 2.55 -4.16	54.20 2.34 -2.89	51.63 2.37 -0.89	53.84 2.31 -0.63	52.18 2.46 0.00	51.07 2.06 0.00	50.71 2.09 0.00	51.02 1.59 -0.01	51.38 1.11 0.01	47.03 1.77 -0.01	40.29 1.79 -0.31
NARROWS_GT1_8 24235	50.65 2.45 0.00	43.27 2.58 0.00	37.82 2.18 -1.29	34.70 2.07 0.00	32.46 1.84 0.00	39.74 1.84 0.00	39.68 1.78 0.00	33.97 1.56 0.00	41.28 1.95 0.00	44.15 2.06 0.00	50.70 2.15 -5.20	54.62 1.90 -2.02	65.61 2.23 -5.47	70.86 2.55 -4.16	54.20 2.34 -2.89	51.63 2.37 -0.89	53.84 2.31 -0.63	52.18 2.46 0.00	51.07 2.06 0.00	50.71 2.09 0.00	51.02 1.59 -0.01	51.38 1.11 0.01	47.03 1.77 -0.01	40.29 1.79 -0.31
NARROWS_GT2_1 24236	50.65 2.45 0.00	43.27 2.58 0.00	37.82 2.18 -1.29	34.70 2.07 0.00	32.46 1.84 0.00	39.74 1.84 0.00	39.68 1.78 0.00	33.97 1.56 0.00	41.28 1.95 0.00	44.15 2.06 0.00	50.70 2.15 -5.20	54.62 1.90 -2.02	65.61 2.23 -5.47	70.86 2.55 -4.16	54.20 2.34 -2.89	51.63 2.37 -0.89	53.84 2.31 -0.63	52.18 2.46 0.00	51.07 2.06 0.00	50.71 2.09 0.00	51.02 1.59 -0.01	51.38 1.11 0.01	47.03 1.77 -0.01	40.29 1.79 -0.31
NARROWS_GT2_2 24237	50.65 2.45 0.00	43.27 2.58 0.00	37.82 2.18 -1.29	34.70 2.07 0.00	32.46 1.84 0.00	39.74 1.84 0.00	39.68 1.78 0.00	33.97 1.56 0.00	41.28 1.95 0.00	44.15 2.06 0.00	50.70 2.15 -5.20	54.62 1.90 -2.02	65.61 2.23 -5.47	70.86 2.55 -4.16	54.20 2.34 -2.89	51.63 2.37 -0.89	53.84 2.31 -0.63	52.18 2.46 0.00	51.07 2.06 0.00	50.71 2.09 0.00	51.02 1.59 -0.01	51.38 1.11 0.01	47.03 1.77 -0.01	40.29 1.79 -0.31
NARROWS_GT2_3 24238	50.65 2.45 0.00	43.27 2.58 0.00	37.82 2.18 -1.29	34.70 2.07 0.00	32.46 1.84 0.00	39.74 1.84 0.00	39.68 1.78 0.00	33.97 1.56 0.00	41.28 1.95 0.00	44.15 2.06 0.00	50.70 2.15 -5.20	54.62 1.90 -2.02	65.61 2.23 -5.47	70.86 2.55 -4.16	54.20 2.34 -2.89	51.63 2.37 -0.89	53.84 2.31 -0.63	52.18 2.46 0.00	51.07 2.06 0.00	50.71 2.09 0.00	51.02 1.59 -0.01	51.38 1.11 0.01	47.03 1.77 -0.01	40.29 1.79 -0.31
NARROWS_GT2_4 24239	50.65 2.45 0.00	43.27 2.58 0.00	37.82 2.18 -1.29	34.70 2.07 0.00	32.46 1.84 0.00	39.74 1.84 0.00	39.68 1.78 0.00	33.97 1.56 0.00	41.28 1.95 0.00	44.15 2.06 0.00	50.70 2.15 -5.20	54.62 1.90 -2.02	65.61 2.23 -5.47	70.86 2.55 -4.16	54.20 2.34 -2.89	51.63 2.37 -0.89	53.84 2.31 -0.63	52.18 2.46 0.00	51.07 2.06 0.00	50.71 2.09 0.00	51.02 1.59 -0.01	51.38 1.11 0.01	47.03 1.77 -0.01	40.29 1.79 -0.31
NARROWS_GT2_5 24240	50.65 2.45 0.00	43.27 2.58 0.00	37.82 2.18 -1.29	34.70 2.07 0.00	32.46 1.84 0.00	39.74 1.84 0.00	39.68 1.78 0.00	33.97 1.56 0.00	41.28 1.95 0.00	44.15 2.06 0.00	50.70 2.15 -5.20	54.62 1.90 -2.02	65.61 2.23 -5.47	70.86 2.55 -4.16	54.20 2.34 -2.89	51.63 2.37 -0.89	53.84 2.31 -0.63	52.18 2.46 0.00	51.07 2.06 0.00	50.71 2.09 0.00	51.02 1.59 -0.01	51.38 1.11 0.01	47.03 1.77 -0.01	40.29 1.79 -0.31
NARROWS_GT2_6 24241	50.65 2.45 0.00	43.27 2.58 0.00	37.82 2.18 -1.29	34.70 2.07 0.00	32.46 1.84 0.00	39.74 1.84 0.00	39.68 1.78 0.00	33.97 1.56 0.00	41.28 1.95 0.00	44.15 2.06 0.00	50.70 2.15 -5.20	54.62 1.90 -2.02	65.61 2.23 -5.47	70.86 2.55 -4.16	54.20 2.34 -2.89	51.63 2.37 -0.89	53.84 2.31 -0.63	52.18 2.46 0.00	51.07 2.06 0.00	50.71 2.09 0.00	51.02 1.59 -0.01	51.38 1.11 0.01	47.03 1.77 -0.01	40.29 1.79 -0.31
NARROWS_GT2_7 24242	50.65 2.45 0.00	43.27 2.58 0.00	37.82 2.18 -1.29	34.70 2.07 0.00	32.46 1.84 0.00	39.74 1.84 0.00	39.68 1.78 0.00	33.97 1.56 0.00	41.28 1.95 0.00	44.15 2.06 0.00	50.70 2.15 -5.20	54.62 1.90 -2.02	65.61 2.23 -5.47	70.86 2.55 -4.16	54.20 2.34 -2.89	51.63 2.37 -0.89	53.84 2.31 -0.63	52.18 2.46 0.00	51.07 2.06 0.00	50.71 2.09 0.00	51.02 1.59 -0.01	51.38 1.11 0.01	47.03 1.77 -0.01	40.29 1.79 -0.31
NARROWS_GT2_8 24243	50.65 2.45 0.00	43.27 2.58 0.00	37.82 2.18 -1.29	34.70 2.07 0.00	32.46 1.84 0.00	39.74 1.84 0.00	39.68 1.78 0.00	33.97 1.56 0.00	41.28 1.95 0.00	44.15 2.06 0.00	50.70 2.15 -5.20	54.62 1.90 -2.02	65.61 2.23 -5.47	70.86 2.55 -4.16	54.20 2.34 -2.89	51.63 2.37 -0.89	53.84 2.31 -0.63	52.18 2.46 0.00	51.07 2.06 0.00	50.71 2.09 0.00	51.02 1.59 -0.01	51.38 1.11 0.01	47.03 1.77 -0.01	40.29 1.79 -0.31
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	49.45 1.25 0.00	42.06 1.37 0.00	35.91 1.57 0.00	34.33 1.70 0.00	32.23 1.62 0.00	39.72 1.81 0.00	39.46 1.55 0.00	33.43 1.02 0.00	40.17 0.85 0.00	42.53 0.44 0.00	42.03 0.39 1.72	50.23 0.20 0.67	56.17 0.05 1.79	62.71 -0.11 1.33	48.14 0.14 0.96	48.26 0.18 0.29	51.12 0.43 0.21	50.22 0.50 0.00	50.10 1.09 0.00	49.77 1.15 0.00	50.50 1.07 0.00	51.13 0.86 0.00	46.02 0.76 0.00	38.74 0.65 0.10
NCHELSEA_115KV_TR2 355582	50.49 2.29 0.00	42.96 2.27 0.00	36.27 1.93 0.00	34.52 1.88 0.00	32.35 1.74 0.00	39.75 1.84 0.00	39.57 1.66 0.00	33.81 1.40 0.00	41.08 1.76 0.00	43.90 1.81 0.00	49.43 1.91 -4.16	54.28 1.96 -1.62	64.83 2.35 -4.56	70.59 2.78 -3.67	53.71 2.44 -2.31	51.47 2.40 -0.70	53.89 2.48 -0.51	52.35 2.63 0.00	51.42 2.41 0.00	50.94 2.32 0.00	51.40 1.97 0.00	51.81 1.53 0.00	46.88 1.62 0.00	40.01 1.56 -0.25
NEG CAPITAL____MECHNVIL 23645	50.14 1.94 0.00	42.57 1.88 0.00	36.09 1.75 0.00	34.37 1.73 0.00	32.26 1.65 0.00	39.81 1.91 0.00	39.53 1.63 0.00	33.63 1.22 0.00	40.56 1.23 0.00	43.12 1.02 0.00	38.92 0.82 5.26	49.49 0.83 2.05	53.36 0.98 5.54	61.26 1.33 4.21	47.26 1.22 2.92	48.80 1.32 0.89	52.07 1.81 0.64	51.90 2.18 0.00	51.41 2.41 0.00	51.02 2.41 0.00	51.67 2.25 0.00	52.14 1.87 0.00	46.88 1.63 0.00	39.28 1.40 0.31
NEG CENTRAL_HIGH_ACRES 23767	47.86 -0.34 0.00	40.34 -0.36 0.00	33.77 -0.58 0.00	32.03 -0.61 0.00	29.96 -0.65 0.00	37.20 -0.70 0.00	37.15 -0.76 0.00	31.58 -0.83 0.00	38.58 -0.74 0.00	41.74 -0.35 0.00	43.46 0.11 0.00	51.36 0.65 0.00	58.67 0.76 0.00	64.98 0.84 0.00	49.38 0.42 0.00	48.96 0.60 0.00	52.24 1.34 0.00	51.38 1.66 0.00	50.43 1.43 0.00	49.68 1.06 0.00	50.05 0.62 0.00	50.80 0.53 0.00	45.59 0.33 0.00	38.32 0.13 0.00

NEG CENTRAL___DRP 24199	48.67 0.46 0.00	41.26 0.56 0.00	34.59 0.24 0.00	32.86 0.22 0.00	30.80 0.18 0.00	38.18 0.28 0.00	38.09 0.19 0.00	32.39 -0.02 0.00	39.26 -0.07 0.00	42.11 0.02 0.00	43.62 0.27 0.00	51.28 0.58 0.00	58.72 0.78 -0.03	65.67 0.92 -0.60	49.60 0.63 0.00	49.16 0.79 0.00	52.42 1.48 -0.05	51.63 1.84 -0.06	51.00 1.99 0.00	50.39 1.77 0.00	50.92 1.48 0.00	51.60 1.33 0.00	46.25 1.00 0.00	39.00 0.80 0.00
NEG CENTRAL___INDECK 23768	49.41 1.21 0.00	41.51 0.81 0.00	34.63 0.29 0.00	32.83 0.20 0.00	30.71 0.10 0.00	38.17 0.27 0.00	38.14 0.24 0.00	32.23 -0.19 0.00	39.02 -0.30 0.00	41.82 -0.27 0.00	43.56 0.20 0.00	51.78 1.08 0.00	59.13 1.22 0.00	65.45 1.31 0.00	49.78 0.82 0.00	49.37 1.01 0.00	53.01 2.11 0.00	52.38 2.66 0.00	51.91 2.90 0.00	51.34 2.73 0.00	51.81 2.38 0.00	52.73 2.46 0.00	47.21 1.95 0.00	39.58 1.38 0.00
NEG CENTRAL___SENECA 23627	48.95 0.75 0.00	41.52 0.83 0.00	34.73 0.38 0.00	32.98 0.35 0.00	30.91 0.30 0.00	38.36 0.45 0.00	38.28 0.38 0.00	32.52 0.11 0.00	39.40 0.08 0.00	42.34 0.25 0.00	43.90 0.54 0.00	51.63 0.92 0.00	59.11 1.18 -0.02	65.83 1.36 -0.33	49.85 0.89 0.00	49.47 1.10 0.00	52.87 1.95 -0.03	52.09 2.33 -0.04	51.47 2.46 0.00	50.81 2.20 0.00	51.30 1.87 0.00	51.99 1.71 0.00	46.56 1.31 0.00	39.32 1.13 0.00
NEG CENTRAL___STATE_STREET 24147	48.53 0.33 0.00	41.22 0.53 0.00	34.66 0.31 0.00	32.95 0.32 0.00	30.88 0.27 0.00	38.24 0.34 0.00	38.07 0.17 0.00	32.47 0.06 0.00	39.36 0.04 0.00	42.16 0.07 0.00	43.49 0.14 0.00	51.20 0.49 0.00	58.56 0.61 -0.04	65.73 0.79 -0.79	49.50 0.53 0.00	49.01 0.64 0.00	52.15 1.19 -0.07	51.32 1.51 -0.08	50.72 1.72 0.00	50.19 1.57 0.00	50.77 1.34 0.00	51.48 1.21 0.00	46.11 0.86 0.00	38.76 0.57 0.00
NEG MILLWOOD___DRP 24198	50.59 2.38 0.00	43.06 2.37 0.00	36.70 2.03 -0.33	34.60 1.97 0.00	32.42 1.80 0.00	39.81 1.91 0.00	39.62 1.72 0.00	33.88 1.47 0.00	41.20 1.87 0.00	44.04 1.95 0.00	50.08 2.09 -4.64	54.65 2.15 -1.80	65.43 2.51 -5.01	71.06 2.96 -3.95	54.13 2.60 -2.58	51.72 2.57 -0.78	54.09 2.63 -0.57	52.48 2.76 0.00	51.49 2.49 0.00	51.01 2.39 0.00	51.46 2.03 0.00	51.85 1.58 0.00	46.94 1.68 0.00	40.10 1.63 -0.28
NEG NORTH_FLCN_SEA 23793	48.52 0.32 0.00	41.10 0.41 0.00	34.66 0.32 0.00	32.77 0.13 0.00	30.66 0.05 0.00	38.01 0.11 0.00	38.15 0.25 0.00	32.81 0.40 0.00	39.95 0.63 0.00	42.86 0.77 0.00	43.99 0.64 0.00	51.69 0.99 0.00	59.01 1.10 0.00	64.98 0.83 0.00	49.44 0.47 0.00	48.75 0.38 0.00	51.19 0.29 0.00	49.82 0.10 0.00	49.15 0.14 0.00	48.81 0.19 0.00	49.90 0.47 0.00	50.91 0.64 0.00	45.76 0.50 0.00	38.74 0.55 0.00
NEG NORTH_KES_CHATEGAY 23792	48.58 0.38 0.00	40.87 0.18 0.00	34.44 0.09 0.00	32.56 -0.07 0.00	30.49 -0.12 0.00	37.87 -0.03 0.00	38.07 0.16 0.00	32.72 0.30 0.00	39.86 0.53 0.00	42.76 0.67 0.00	43.91 0.56 0.00	51.57 0.87 0.00	58.86 0.95 0.00	65.04 0.90 0.00	49.42 0.46 0.00	48.76 0.39 0.00	51.09 0.19 0.00	49.63 -0.09 0.00	48.94 -0.07 0.00	48.76 0.14 0.00	49.91 0.48 0.00	51.01 0.74 0.00	45.72 0.47 0.00	38.44 0.24 0.00
NEG NORTH___ALICE_FALLS 23915	48.96 0.76 0.00	41.36 0.67 0.00	34.85 0.51 0.00	32.93 0.30 0.00	30.82 0.20 0.00	38.22 0.32 0.00	38.37 0.46 0.00	32.98 0.57 0.00	40.12 0.79 0.00	43.05 0.95 0.00	44.18 0.83 0.00	51.93 1.22 0.00	59.28 1.36 0.00	65.40 1.26 0.00	49.75 0.79 0.00	49.07 0.70 0.00	51.53 0.63 0.00	50.21 0.49 0.00	49.59 0.59 0.00	49.30 0.68 0.00	50.41 0.98 0.00	51.44 1.16 0.00	46.15 0.90 0.00	38.94 0.75 0.00
NEG NORTH___LWR_SARANAC 23913	48.96 0.76 0.00	41.36 0.67 0.00	34.85 0.51 0.00	32.93 0.30 0.00	30.82 0.20 0.00	38.22 0.32 0.00	38.37 0.46 0.00	32.98 0.57 0.00	40.12 0.79 0.00	43.05 0.95 0.00	44.18 0.83 0.00	51.93 1.22 0.00	59.28 1.36 0.00	65.40 1.26 0.00	49.75 0.79 0.00	49.07 0.70 0.00	51.53 0.63 0.00	50.21 0.49 0.00	49.59 0.59 0.00	49.30 0.68 0.00	50.41 0.98 0.00	51.44 1.16 0.00	46.15 0.90 0.00	38.94 0.75 0.00
NEG NORTH___PLATTSBURG 23628	48.96 0.76 0.00	41.36 0.67 0.00	34.85 0.51 0.00	32.93 0.30 0.00	30.82 0.20 0.00	38.22 0.32 0.00	38.37 0.46 0.00	32.98 0.57 0.00	40.11 0.79 0.00	43.05 0.95 0.00	44.18 0.83 0.00	51.93 1.22 0.00	59.27 1.36 0.00	65.40 1.25 0.00	49.75 0.79 0.00	49.07 0.70 0.00	51.53 0.63 0.00	50.21 0.49 0.00	49.60 0.59 0.00	49.30 0.68 0.00	50.41 0.98 0.00	51.44 1.16 0.00	46.15 0.90 0.00	38.94 0.75 0.00
NEG WEST_LEA_LOCKPORT 23791	47.87 -0.33 0.00	40.33 -0.37 0.00	33.54 -0.80 0.00	31.80 -0.84 0.00	29.71 -0.90 0.00	37.04 -0.87 0.00	36.95 -0.95 0.00	31.21 -1.21 0.00	38.44 -0.88 0.00	41.79 -0.30 0.00	43.73 0.37 0.00	51.89 1.18 0.00	59.07 1.15 0.00	65.08 0.93 0.00	48.93 -0.03 0.00	48.56 0.19 0.00	52.05 1.15 0.00	51.09 1.38 0.00	50.01 1.01 0.00	49.17 0.55 0.00	49.36 -0.07 0.00	50.27 0.00 0.00	45.25 0.00 0.00	38.16 -0.04 0.00
NEG WEST___LANCASTR 23811	48.09 -0.11 0.00	40.60 -0.09 0.00	33.80 -0.54 0.00	32.05 -0.59 0.00	29.98 -0.63 0.00	37.35 -0.55 0.00	37.28 -0.63 0.00	31.59 -0.82 0.00	38.75 -0.57 0.00	42.15 0.06 0.00	44.16 0.80 0.00	52.26 1.56 0.00	59.49 1.58 0.00	65.76 1.61 0.00	49.48 0.52 0.00	49.05 0.68 0.00	52.53 1.63 0.00	51.59 1.87 0.00	50.54 1.54 0.00	49.62 1.00 0.00	49.86 0.43 0.00	50.74 0.47 0.00	45.68 0.42 0.00	38.54 0.34 0.00
NEG_PENN_ALLEGHNY 23528	48.69 0.49 0.00	41.27 0.58 0.00	34.64 0.30 0.00	32.97 0.34 0.00	30.97 0.36 0.00	38.36 0.46 0.00	38.29 0.38 0.00	32.55 0.14 0.00	39.41 0.09 0.00	42.32 0.23 0.00	43.92 0.57 0.00	51.53 0.82 0.00	58.93 1.00 -0.02	65.58 1.06 -0.37	49.66 0.69 0.00	49.13 0.76 0.00	52.19 1.26 -0.03	51.18 1.42 -0.04	50.37 1.37 0.00	49.71 1.10 0.00	50.29 0.86 0.00	50.97 0.70 0.00	45.82 0.57 0.00	38.76 0.56 0.00
NEG___GEN_MONROE 24207	49.20 1.00 0.00	41.44 0.74 0.00	34.62 0.28 0.00	32.80 0.16 0.00	30.67 0.05 0.00	38.14 0.24 0.00	38.07 0.16 0.00	32.28 -0.13 0.00	39.51 0.18 0.00	42.75 0.66 0.00	44.62 1.27 0.00	52.78 2.08 0.00	60.33 2.42 0.00	66.82 2.67 0.00	50.69 1.72 0.00	50.36 1.99 0.00	53.84 2.94 0.00	53.00 3.28 0.00	52.01 3.00 0.00	51.18 2.57 0.00	51.53 2.10 0.00	52.36 2.08 0.00	46.95 1.69 0.00	39.50 1.31 0.00
NEPA___ENERGY 23901	48.26 0.06 0.00	40.88 0.19 0.00	33.91 -0.43 0.00	32.20 -0.44 0.00	30.19 -0.43 0.00	37.63 -0.27 0.00	37.56 -0.34 0.00	31.84 -0.57 0.00	38.79 -0.53 0.00	42.14 0.05 0.00	44.24 0.88 0.00	52.41 1.71 0.00	59.98 2.07 0.00	66.22 2.08 0.00	49.84 0.87 0.00	49.34 0.98 0.00	52.89 1.99 0.00	51.91 2.19 0.00	50.98 1.97 0.00	49.96 1.34 0.00	50.21 0.78 0.00	50.89 0.62 0.00	45.71 0.46 0.00	38.68 0.48 0.00















RAVENSWOOD_GT2_3 24246	50.52 2.32 0.00	43.15 2.45 0.00	37.74 2.10 -1.29	34.67 2.04 0.00	32.45 1.84 0.00	39.80 1.90 0.00	39.62 1.72 0.00	33.93 1.51 0.00	41.23 1.91 0.00	44.12 2.04 0.00	50.72 2.16 -5.21	54.78 2.05 -2.03	65.75 2.36 -5.48	71.00 2.68 -4.17	54.33 2.48 -2.89	51.69 2.44 -0.88	53.95 2.41 -0.64	52.25 2.53 0.00	51.13 2.12 0.00	50.68 2.06 0.00	51.10 1.67 0.00	51.46 1.18 0.00	46.87 1.61 0.00	40.17 1.66 -0.31
RAVENSWOOD_GT2_4 24247	50.52 2.32 0.00	43.15 2.45 0.00	37.74 2.10 -1.29	34.67 2.04 0.00	32.45 1.84 0.00	39.80 1.90 0.00	39.62 1.72 0.00	33.93 1.51 0.00	41.23 1.91 0.00	44.12 2.04 0.00	50.72 2.16 -5.21	54.78 2.05 -2.03	65.75 2.36 -5.48	71.00 2.68 -4.17	54.33 2.48 -2.89	51.69 2.44 -0.88	53.95 2.41 -0.64	52.25 2.53 0.00	51.13 2.12 0.00	50.68 2.06 0.00	51.10 1.67 0.00	51.46 1.18 0.00	46.87 1.61 0.00	40.17 1.66 -0.31
RAVENSWOOD_GT3_1 24248	50.51 2.30 0.00	43.13 2.43 0.00	37.72 2.08 -1.29	34.65 2.02 0.00	32.44 1.83 0.00	39.78 1.88 0.00	39.61 1.71 0.00	33.92 1.50 0.00	41.20 1.87 0.00	44.10 2.01 0.00	50.69 2.13 -5.21	54.75 2.02 -2.03	65.70 2.31 -5.48	70.95 2.64 -4.17	54.29 2.44 -2.89	51.66 2.42 -0.88	53.92 2.38 -0.64	52.21 2.49 0.00	51.10 2.09 0.00	50.66 2.04 0.00	51.07 1.63 0.00	51.42 1.15 0.00	46.84 1.59 0.00	40.16 1.65 -0.31
RAVENSWOOD_GT3_2 24249	50.51 2.30 0.00	43.13 2.43 0.00	37.72 2.08 -1.29	34.65 2.02 0.00	32.44 1.83 0.00	39.78 1.88 0.00	39.61 1.71 0.00	33.92 1.50 0.00	41.20 1.87 0.00	44.10 2.01 0.00	50.69 2.13 -5.21	54.75 2.02 -2.03	65.70 2.31 -5.48	70.95 2.64 -4.17	54.29 2.44 -2.89	51.66 2.42 -0.88	53.92 2.38 -0.64	52.21 2.49 0.00	51.10 2.09 0.00	50.66 2.04 0.00	51.07 1.63 0.00	51.42 1.15 0.00	46.84 1.59 0.00	40.16 1.65 -0.31
RAVENSWOOD_GT3_3 24250	50.61 2.40 0.00	43.22 2.52 0.00	37.79 2.15 -1.29	34.72 2.09 0.00	32.51 1.89 0.00	39.85 1.95 0.00	39.68 1.78 0.00	33.98 1.57 0.00	41.29 1.97 0.00	44.19 2.09 0.00	50.79 2.23 -5.21	54.87 2.14 -2.03	65.85 2.46 -5.48	71.09 2.78 -4.17	54.42 2.57 -2.89	51.77 2.53 -0.88	54.04 2.51 -0.64	52.33 2.61 0.00	51.21 2.21 0.00	50.77 2.15 0.00	51.16 1.73 0.00	51.53 1.26 0.00	46.93 1.68 0.00	40.24 1.73 -0.31
RAVENSWOOD_GT3_4 24251	50.61 2.40 0.00	43.22 2.52 0.00	37.79 2.15 -1.29	34.72 2.09 0.00	32.51 1.89 0.00	39.85 1.95 0.00	39.68 1.78 0.00	33.98 1.57 0.00	41.29 1.97 0.00	44.19 2.09 0.00	50.79 2.23 -5.21	54.87 2.14 -2.03	65.85 2.46 -5.48	71.09 2.78 -4.17	54.42 2.57 -2.89	51.77 2.53 -0.88	54.04 2.51 -0.64	52.33 2.61 0.00	51.21 2.21 0.00	50.77 2.15 0.00	51.16 1.73 0.00	51.53 1.26 0.00	46.93 1.68 0.00	40.24 1.73 -0.31
RAVENSWOOD_GT_1 23729	50.43 2.23 0.00	43.14 2.45 0.00	37.75 2.12 -1.29	34.66 2.03 0.00	32.40 1.78 0.00	39.65 1.75 0.00	39.56 1.65 0.00	33.87 1.46 0.00	41.15 1.83 0.00	44.01 1.92 0.00	50.52 1.96 -5.21	54.39 1.73 -1.95	55.02 2.00 4.89	56.63 2.29 9.80	51.76 2.19 -0.61	51.26 2.19 -0.70	51.54 2.11 1.47	50.57 2.24 1.39	50.54 1.84 0.30	50.35 1.85 0.11	50.21 1.38 0.60	50.43 0.92 0.76	46.80 1.54 0.00	40.15 1.64 -0.31
RAVENSWOOD_GT_10 24258	50.51 2.30 0.00	43.13 2.44 0.00	37.72 2.08 -1.29	34.65 2.02 0.00	32.44 1.83 0.00	39.79 1.89 0.00	39.61 1.71 0.00	33.92 1.51 0.00	41.22 1.90 0.00	44.10 2.01 0.00	50.70 2.14 -5.21	54.76 2.03 -2.03	65.73 2.34 -5.48	70.97 2.65 -4.17	54.31 2.46 -2.89	51.67 2.42 -0.88	53.94 2.41 -0.64	52.23 2.51 0.00	51.11 2.10 0.00	50.66 2.05 0.00	51.07 1.64 0.00	51.44 1.16 0.00	46.84 1.59 0.00	40.17 1.66 -0.31
RAVENSWOOD_GT_11 24259	50.51 2.30 0.00	43.13 2.44 0.00	37.72 2.08 -1.29	34.65 2.02 0.00	32.44 1.83 0.00	39.79 1.89 0.00	39.61 1.71 0.00	33.92 1.51 0.00	41.22 1.90 0.00	44.10 2.01 0.00	50.70 2.14 -5.21	54.76 2.03 -2.03	65.73 2.34 -5.48	70.97 2.65 -4.17	54.31 2.46 -2.89	51.67 2.42 -0.88	53.94 2.41 -0.64	52.23 2.51 0.00	51.11 2.10 0.00	50.66 2.05 0.00	51.07 1.64 0.00	51.44 1.16 0.00	46.84 1.59 0.00	40.17 1.66 -0.31
RAVENSWOOD_GT_4 24252	50.51 2.30 0.00	43.13 2.44 0.00	37.72 2.08 -1.29	34.65 2.02 0.00	32.44 1.83 0.00	39.78 1.88 0.00	39.61 1.71 0.00	33.92 1.51 0.00	41.21 1.88 0.00	44.10 2.01 0.00	50.69 2.13 -5.21	54.75 2.02 -2.03	65.72 2.32 -5.48	70.95 2.64 -4.17	54.30 2.44 -2.89	51.67 2.42 -0.88	53.93 2.39 -0.64	52.21 2.49 0.00	51.10 2.10 0.00	50.66 2.04 0.00	51.07 1.63 0.00	51.42 1.15 0.00	46.84 1.59 0.00	40.16 1.65 -0.31
RAVENSWOOD_GT_5 24254	50.51 2.30 0.00	43.13 2.44 0.00	37.72 2.08 -1.29	34.65 2.02 0.00	32.44 1.83 0.00	39.78 1.88 0.00	39.61 1.71 0.00	33.92 1.51 0.00	41.21 1.88 0.00	44.10 2.01 0.00	50.69 2.13 -5.21	54.75 2.02 -2.03	65.72 2.32 -5.48	70.95 2.64 -4.17	54.30 2.44 -2.89	51.67 2.42 -0.88	53.93 2.39 -0.64	52.21 2.49 0.00	51.10 2.10 0.00	50.66 2.04 0.00	51.07 1.63 0.00	51.42 1.15 0.00	46.84 1.59 0.00	40.16 1.65 -0.31
RAVENSWOOD_GT_6 24253	50.51 2.30 0.00	43.13 2.44 0.00	37.72 2.08 -1.29	34.65 2.02 0.00	32.44 1.83 0.00	39.78 1.88 0.00	39.61 1.71 0.00	33.92 1.51 0.00	41.21 1.88 0.00	44.10 2.01 0.00	50.69 2.13 -5.21	54.75 2.02 -2.03	65.72 2.32 -5.48	70.95 2.64 -4.17	54.30 2.44 -2.89	51.67 2.42 -0.88	53.93 2.39 -0.64	52.21 2.49 0.00	51.10 2.10 0.00	50.66 2.04 0.00	51.07 1.63 0.00	51.42 1.15 0.00	46.84 1.59 0.00	40.16 1.65 -0.31
RAVENSWOOD_GT_7 24255	50.51 2.30 0.00	43.13 2.44 0.00	37.72 2.08 -1.29	34.65 2.02 0.00	32.44 1.83 0.00	39.78 1.88 0.00	39.61 1.71 0.00	33.92 1.51 0.00	41.21 1.88 0.00	44.10 2.01 0.00	50.69 2.13 -5.21	54.75 2.02 -2.03	65.72 2.32 -5.48	70.95 2.64 -4.17	54.30 2.44 -2.89	51.67 2.42 -0.88	53.93 2.39 -0.64	52.21 2.49 0.00	51.10 2.10 0.00	50.66 2.04 0.00	51.07 1.63 0.00	51.42 1.15 0.00	46.84 1.59 0.00	40.16 1.65 -0.31
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	50.51 2.30 0.00	43.13 2.44 0.00	37.72 2.08 -1.29	34.65 2.02 0.00	32.44 1.83 0.00	39.79 1.89 0.00	39.61 1.71 0.00	33.92 1.51 0.00	41.22 1.90 0.00	44.10 2.01 0.00	50.70 2.14 -5.21	54.76 2.03 -2.03	65.73 2.34 -5.48	70.97 2.65 -4.17	54.31 2.46 -2.89	51.67 2.42 -0.88	53.94 2.41 -0.64	52.23 2.51 0.00	51.11 2.10 0.00	50.66 2.05 0.00	51.07 1.64 0.00	51.44 1.16 0.00	46.84 1.59 0.00	40.17 1.66 -0.31
RAVENSWOOD_GT_9 24257	50.51 2.30 0.00	43.13 2.44 0.00	37.72 2.08 -1.29	34.65 2.02 0.00	32.44 1.83 0.00	39.79 1.89 0.00	39.61 1.71 0.00	33.92 1.51 0.00	41.22 1.90 0.00	44.10 2.01 0.00	50.70 2.14 -5.21	54.76 2.03 -2.03	65.73 2.34 -5.48	70.97 2.65 -4.17	54.31 2.46 -2.89	51.67 2.42 -0.88	53.94 2.41 -0.64	52.23 2.51 0.00	51.11 2.10 0.00	50.66 2.05 0.00	51.07 1.64 0.00	51.44 1.16 0.00	46.84 1.59 0.00	40.17 1.66 -0.31





SAWYER___23_KV_LOAD 55526	48.33 0.12 0.00	40.72 0.03 0.00	33.87 -0.47 0.00	32.10 -0.54 0.00	29.99 -0.62 0.00	37.37 -0.53 0.00	37.29 -0.62 0.00	31.53 -0.88 0.00	38.80 -0.52 0.00	42.22 0.13 0.00	44.18 0.83 0.00	52.48 1.78 0.00	59.82 1.91 0.00	66.00 1.86 0.00	49.64 0.67 0.00	49.27 0.90 0.00	52.76 1.87 0.00	51.86 2.14 0.00	50.79 1.79 0.00	49.90 1.29 0.00	50.09 0.66 0.00	50.99 0.72 0.00	45.86 0.61 0.00	38.63 0.43 0.00
SELKIRK___I 23801	48.05 -0.15 0.00	41.24 0.55 0.00	35.17 0.82 0.00	33.64 1.00 0.00	31.61 0.99 0.00	38.95 1.05 0.00	38.73 0.82 0.00	32.83 0.42 0.00	39.53 0.21 0.00	42.00 -0.09 0.00	40.63 -0.22 2.51	49.19 -0.54 0.98	54.42 -0.86 2.63	60.28 -1.87 2.00	46.14 -1.43 1.39	46.56 -1.39 0.42	49.20 -1.39 0.31	48.45 -1.27 0.00	47.98 -1.03 0.00	47.71 -0.90 0.00	48.41 -1.02 0.00	49.08 -1.19 0.00	44.27 -0.98 0.00	37.32 -0.72 0.15
SELKIRK___II 23799	47.99 -0.22 0.00	40.93 0.23 0.00	34.98 0.64 0.00	33.45 0.82 0.00	31.43 0.81 0.00	38.71 0.81 0.00	38.51 0.60 0.00	32.73 0.32 0.00	39.52 0.19 0.00	42.04 -0.05 0.00	40.24 -0.15 2.96	49.00 -0.55 1.15	53.85 -0.94 3.12	60.55 -1.22 2.37	46.56 -0.76 1.65	47.03 -0.83 0.50	49.67 -0.86 0.36	49.01 -0.71 0.00	48.41 -0.60 0.00	48.06 -0.56 0.00	48.71 -0.72 0.00	49.37 -0.90 0.00	44.59 -0.67 0.00	37.56 -0.46 0.18
SENECA OSWGO___HYD 24041	47.51 -0.69 0.00	40.18 -0.52 0.00	33.85 -0.49 0.00	32.19 -0.44 0.00	30.19 -0.42 0.00	37.36 -0.54 0.00	37.29 -0.62 0.00	31.78 -0.63 0.00	38.55 -0.77 0.00	41.31 -0.78 0.00	42.61 -0.74 0.00	49.93 -0.77 0.00	57.16 -0.85 -0.09	64.94 -0.91 -1.71	48.37 -0.59 0.00	47.84 -0.53 0.00	50.74 -0.30 -0.14	49.87 -0.04 -0.18	49.00 -0.01 0.00	48.55 -0.06 0.00	49.19 -0.24 0.00	49.88 -0.39 0.00	44.80 -0.45 0.00	37.75 -0.44 0.00
SENECA___115KV_TB3 355854	48.77 0.57 0.00	41.12 0.43 0.00	34.19 -0.16 0.00	32.40 -0.23 0.00	30.29 -0.32 0.00	37.74 -0.16 0.00	37.66 -0.25 0.00	31.85 -0.56 0.00	39.13 -0.20 0.00	42.58 0.49 0.00	44.62 1.27 0.00	52.99 2.29 0.00	60.44 2.53 0.00	66.86 2.71 0.00	50.26 1.29 0.00	49.86 1.49 0.00	53.38 2.49 0.00	52.43 2.71 0.00	51.36 2.36 0.00	50.44 1.82 0.00	50.64 1.21 0.00	51.52 1.25 0.00	46.31 1.06 0.00	39.00 0.81 0.00
SENECA___ENERGY 23797	48.45 0.25 0.00	41.07 0.37 0.00	34.45 0.10 0.00	32.71 0.08 0.00	30.64 0.03 0.00	37.99 0.09 0.00	37.91 0.00 0.00	32.23 -0.19 0.00	39.11 -0.21 0.00	41.98 -0.11 0.00	43.49 0.13 0.00	51.14 0.43 0.00	58.58 0.63 -0.04	65.62 0.79 -0.68	49.51 0.55 0.00	49.06 0.69 0.00	52.30 1.34 -0.06	51.52 1.73 -0.07	50.86 1.85 0.00	50.24 1.62 0.00	50.74 1.31 0.00	51.43 1.16 0.00	46.10 0.85 0.00	38.85 0.65 0.00
SHOEMAKER___GT 23640	49.63 1.43 0.00	42.20 1.51 0.00	34.53 1.30 1.11	33.94 1.30 0.00	31.83 1.22 0.00	39.14 1.23 0.00	38.98 1.08 0.00	33.30 0.88 0.00	40.34 1.02 0.00	43.11 1.02 0.00	48.80 1.12 -4.34	53.39 1.00 -1.69	63.68 1.19 -4.57	69.09 1.45 -3.50	52.76 1.39 -2.41	50.53 1.43 -0.73	52.86 1.43 -0.53	51.27 1.56 0.00	50.50 1.49 0.00	50.07 1.46 0.00	50.59 1.16 0.00	51.08 0.80 0.00	46.22 0.97 0.00	39.46 1.01 -0.26
SHOEMAKR_138KV_BK 111 55601	49.61 1.41 0.00	42.19 1.49 0.00	34.57 1.29 1.06	33.92 1.29 0.00	31.81 1.20 0.00	39.11 1.21 0.00	38.97 1.07 0.00	33.29 0.87 0.00	40.34 1.02 0.00	43.12 1.03 0.00	48.76 1.12 -4.28	53.42 1.05 -1.67	63.67 1.24 -4.52	69.09 1.49 -3.45	52.78 1.44 -2.38	50.53 1.44 -0.72	52.86 1.44 -0.53	51.28 1.56 0.00	50.46 1.45 0.00	50.03 1.42 0.00	50.55 1.12 0.00	51.02 0.75 0.00	46.19 0.93 0.00	39.44 0.98 -0.26
SHOREHAM_IC_1 23715	49.85 1.65 0.00	42.77 2.07 0.00	37.48 1.85 -1.29	34.52 1.88 0.00	32.30 1.69 0.00	39.29 1.39 0.00	38.84 0.94 0.00	32.43 0.88 0.86	40.30 1.62 0.65	43.44 1.35 0.00	50.82 2.26 -5.21	54.26 1.53 -2.03	64.43 1.04 -5.48	69.78 1.46 -4.17	53.46 1.61 -2.89	50.81 1.56 -0.88	52.76 1.22 -0.64	51.27 1.55 0.00	40.20 0.85 9.66	36.06 0.79 13.35	28.00 0.53 21.96	27.99 0.08 22.36	45.94 0.69 0.00	39.62 1.11 -0.31
SHOREHAM_IC_2 23716	49.84 1.64 0.00	42.77 2.08 0.00	37.48 1.85 -1.29	34.52 1.89 0.00	32.30 1.69 0.00	39.29 1.39 0.00	38.84 0.94 0.00	32.43 0.87 0.86	40.29 1.62 0.65	43.44 1.35 0.00	50.77 2.21 -5.21	54.26 1.53 -2.03	64.45 1.06 -5.48	69.78 1.47 -4.17	53.47 1.62 -2.89	50.81 1.56 -0.88	52.77 1.23 -0.64	51.27 1.55 0.00	40.20 0.85 9.66	36.08 0.81 13.35	28.02 0.55 21.96	28.03 0.11 22.36	45.94 0.69 0.00	39.63 1.12 -0.31
SISSONVILLE___ 23735	48.99 0.78 0.00	41.09 0.40 0.00	34.54 0.20 0.00	32.61 -0.02 0.00	30.64 0.03 0.00	38.11 0.21 0.00	38.33 0.42 0.00	32.90 0.49 0.00	40.06 0.74 0.00	42.97 0.88 0.00	44.16 0.81 0.00	51.86 1.16 0.00	59.22 1.30 -0.01	65.69 1.40 -0.15	49.78 0.81 0.00	49.11 0.74 0.00	51.40 0.49 -0.01	50.19 0.45 -0.02	49.62 0.62 0.00	49.46 0.84 0.00	50.64 1.21 0.00	51.91 1.64 0.00	46.49 1.24 0.00	38.97 0.77 0.00
SITHE_IND_GS1 24169	46.83 -1.37 0.00	39.60 -1.09 0.00	33.37 -0.97 0.00	31.72 -0.91 0.00	29.76 -0.85 0.00	36.84 -1.06 0.00	36.78 -1.12 0.00	31.36 -1.05 0.00	38.05 -1.27 0.00	40.78 -1.31 0.00	42.09 -1.26 0.00	49.33 -1.38 0.00	56.10 -1.56 0.25	57.39 -1.78 4.97	47.64 -1.33 0.00	47.11 -1.25 0.00	49.38 -1.10 0.42	48.28 -0.91 0.53	48.12 -0.88 0.00	47.67 -0.95 0.00	48.31 -1.12 0.00	49.03 -1.24 0.00	44.10 -1.15 0.00	37.19 -1.01 0.00
SITHE_IND_GS2 24170	46.83 -1.37 0.00	39.60 -1.09 0.00	33.37 -0.97 0.00	31.72 -0.91 0.00	29.76 -0.85 0.00	36.84 -1.06 0.00	36.78 -1.12 0.00	31.36 -1.05 0.00	38.05 -1.27 0.00	40.78 -1.31 0.00	42.09 -1.26 0.00	49.33 -1.38 0.00	56.10 -1.56 0.25	57.39 -1.78 4.97	47.64 -1.33 0.00	47.11 -1.25 0.00	49.38 -1.10 0.42	48.28 -0.91 0.53	48.12 -0.88 0.00	47.67 -0.95 0.00	48.31 -1.12 0.00	49.03 -1.24 0.00	44.10 -1.15 0.00	37.19 -1.01 0.00
SITHE_IND_GS3 24171	46.83 -1.37 0.00	39.60 -1.09 0.00	33.37 -0.97 0.00	31.72 -0.91 0.00	29.76 -0.85 0.00	36.84 -1.06 0.00	36.78 -1.12 0.00	31.36 -1.05 0.00	38.05 -1.27 0.00	40.78 -1.31 0.00	42.09 -1.26 0.00	49.33 -1.38 0.00	56.10 -1.56 0.25	57.39 -1.78 4.97	47.64 -1.33 0.00	47.11 -1.25 0.00	49.38 -1.10 0.42	48.28 -0.91 0.53	48.12 -0.88 0.00	47.67 -0.95 0.00	48.31 -1.12 0.00	49.03 -1.24 0.00	44.10 -1.15 0.00	37.19 -1.01 0.00
SITHE_IND_GS4 24172	46.83 -1.37 0.00	39.60 -1.09 0.00	33.37 -0.97 0.00	31.72 -0.91 0.00	29.76 -0.85 0.00	36.84 -1.06 0.00	36.78 -1.12 0.00	31.36 -1.05 0.00	38.05 -1.27 0.00	40.78 -1.31 0.00	42.09 -1.26 0.00	49.33 -1.38 0.00	56.10 -1.56 0.25	57.39 -1.78 4.97	47.64 -1.33 0.00	47.11 -1.25 0.00	49.38 -1.10 0.42	48.28 -0.91 0.53	48.12 -0.88 0.00	47.67 -0.95 0.00	48.31 -1.12 0.00	49.03 -1.24 0.00	44.10 -1.15 0.00	37.19 -1.01 0.00











WDELAWARE___HYD 323627	49.41 1.21 0.00	41.94 1.25 0.00	35.01 1.00 0.33	33.62 0.99 0.00	31.52 0.91 0.00	38.73 0.83 0.00	38.58 0.67 0.00	32.98 0.57 0.00	40.05 0.73 0.00	42.82 0.73 0.00	47.49 0.84 -3.30	52.64 0.66 -1.28	62.45 0.99 -3.55	68.32 1.39 -2.79	52.10 1.30 -1.83	50.27 1.35 -0.56	52.72 1.42 -0.40	51.39 1.67 0.00	50.48 1.47 0.00	50.03 1.41 0.00	50.52 1.09 0.00	50.98 0.70 0.00	46.09 0.84 0.00	39.25 0.85 -0.20
WEST BABYLON___IC 23714	50.74 2.54 0.00	43.62 2.93 0.00	38.21 2.58 -1.29	35.07 2.44 0.00	32.83 2.21 0.00	40.16 2.26 0.00	39.72 1.82 0.00	33.47 1.61 0.56	41.07 2.17 0.42	44.32 2.23 0.00	51.64 3.08 -5.21	55.36 2.63 -2.03	65.73 2.34 -5.48	71.07 2.75 -4.17	54.39 2.54 -2.89	51.67 2.43 -0.88	53.80 2.27 -0.64	52.09 2.37 0.00	42.29 1.78 8.49	38.65 1.76 11.72	31.47 1.44 19.40	31.52 0.95 19.70	46.74 1.48 0.00	40.31 1.81 -0.31
WEST CANADA___HYD 24049	48.29 0.09 0.00	40.84 0.15 0.00	34.52 0.18 0.00	32.84 0.21 0.00	30.83 0.21 0.00	38.12 0.22 0.00	38.05 0.15 0.00	32.45 0.03 0.00	39.30 -0.02 0.00	42.02 -0.07 0.00	43.27 -0.09 0.00	50.56 -0.14 0.00	57.73 -0.18 0.00	63.97 -0.18 0.00	48.89 -0.07 0.00	48.30 -0.07 0.00	50.90 0.00 0.00	49.83 0.11 0.00	49.15 0.15 0.00	48.76 0.14 0.00	49.48 0.05 0.00	50.18 -0.09 0.00	45.20 -0.06 0.00	38.16 -0.04 0.00
WESTERN_NY_WIND 24143	49.75 1.55 0.00	41.87 1.18 0.00	34.87 0.52 0.00	33.02 0.39 0.00	30.86 0.25 0.00	38.44 0.54 0.00	38.36 0.46 0.00	32.44 0.02 0.00	39.77 0.45 0.00	42.98 0.89 0.00	44.86 1.51 0.00	53.21 2.51 0.00	60.97 3.06 0.00	67.51 3.37 0.00	51.11 2.14 0.00	50.74 2.37 0.00	54.61 3.72 0.00	53.86 4.13 0.00	52.79 3.78 0.00	51.86 3.25 0.00	52.13 2.70 0.00	52.99 2.72 0.00	47.54 2.28 0.00	39.95 1.75 0.00
WESTOVER___LESR 323668	48.52 0.32 0.00	41.15 0.46 0.00	34.54 0.20 0.00	32.88 0.24 0.00	30.89 0.28 0.00	38.26 0.36 0.00	38.18 0.27 0.00	32.45 0.04 0.00	39.29 -0.03 0.00	42.18 0.09 0.00	43.77 0.42 0.00	51.30 0.59 0.00	58.68 0.74 -0.02	65.26 0.74 -0.37	49.41 0.45 0.00	48.89 0.52 0.00	51.94 1.02 -0.03	50.94 1.18 -0.04	50.13 1.12 0.00	49.51 0.89 0.00	50.09 0.66 0.00	50.79 0.52 0.00	45.67 0.41 0.00	38.64 0.45 0.00
WETHRSFD_WT_PWR 323626	48.46 0.25 0.00	40.93 0.24 0.00	34.09 -0.26 0.00	32.33 -0.30 0.00	30.26 -0.36 0.00	37.67 -0.23 0.00	37.58 -0.33 0.00	31.64 -0.77 0.00	38.45 -0.87 0.00	41.65 -0.44 0.00	43.57 0.21 0.00	51.69 0.99 0.00	59.02 1.11 0.00	65.16 1.02 0.00	49.10 0.14 0.00	48.70 0.33 0.00	52.33 1.43 0.00	51.55 1.83 0.00	50.71 1.71 0.00	49.92 1.31 0.00	50.25 0.82 0.00	51.08 0.80 0.00	45.84 0.58 0.00	38.56 0.36 0.00
WHAVSTOR_138KV_BK127 55557	49.88 1.68 0.00	42.51 1.82 0.00	34.04 1.58 1.88	34.19 1.56 0.00	32.04 1.43 0.00	39.33 1.43 0.00	39.18 1.27 0.00	33.52 1.10 0.00	40.68 1.36 0.00	43.53 1.43 0.00	49.85 1.60 -4.90	54.19 1.58 -1.91	64.99 1.91 -5.16	70.29 2.21 -3.93	53.73 2.05 -2.72	51.16 1.96 -0.83	53.45 1.95 -0.60	51.74 2.02 0.00	50.70 1.69 0.00	50.25 1.63 0.00	50.69 1.26 0.00	51.06 0.79 0.00	46.35 1.10 0.00	39.71 1.22 -0.29
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	49.88 1.68 0.00	42.51 1.82 0.00	34.04 1.58 1.88	34.19 1.56 0.00	32.04 1.43 0.00	39.33 1.43 0.00	39.18 1.27 0.00	33.52 1.10 0.00	40.68 1.36 0.00	43.53 1.43 0.00	49.85 1.60 -4.90	54.19 1.58 -1.91	64.99 1.91 -5.16	70.29 2.21 -3.93	53.73 2.05 -2.72	51.16 1.96 -0.83	53.45 1.95 -0.60	51.74 2.02 0.00	50.70 1.69 0.00	50.25 1.63 0.00	50.69 1.26 0.00	51.06 0.79 0.00	46.35 1.10 0.00	39.71 1.22 -0.29
WHITEHAL_115KV_TB1 80871	50.48 2.27 0.00	43.23 2.53 0.00	36.90 2.56 0.00	35.05 2.42 0.00	32.88 2.27 0.00	40.39 2.49 0.00	39.82 1.91 0.00	33.65 1.24 0.00	40.29 0.97 0.00	42.57 0.48 0.00	38.86 0.10 4.59	49.21 0.29 1.79	53.41 0.34 4.84	62.23 1.77 3.68	48.14 1.72 2.55	49.87 2.28 0.77	53.28 2.94 0.56	53.78 4.06 0.00	53.95 4.94 0.00	53.72 5.11 0.00	53.79 4.36 0.00	53.42 3.15 0.00	47.84 2.58 0.00	40.42 2.50 0.27
WHITEPLN_13_KV_LOAD 356215	50.88 2.68 0.00	43.36 2.67 0.00	37.97 2.28 -1.35	34.83 2.20 0.00	32.61 2.00 0.00	40.02 2.12 0.00	39.84 1.93 0.00	34.09 1.68 0.00	41.43 2.11 0.00	44.34 2.25 0.00	50.99 2.44 -5.20	55.23 2.50 -2.02	66.25 2.87 -5.47	71.60 3.30 -4.16	54.76 2.90 -2.89	52.11 2.86 -0.88	54.44 2.90 -0.64	52.72 3.00 0.00	51.67 2.67 0.00	51.17 2.55 0.00	51.61 2.18 0.00	51.95 1.68 0.00	47.15 1.90 0.00	40.37 1.87 -0.31
WM_FLOYD_69_KV_BK2 356380	50.25 2.04 0.00	43.13 2.43 0.00	37.79 2.16 -1.29	34.74 2.11 0.00	32.52 1.90 0.00	39.66 1.75 0.00	39.21 1.30 0.00	32.74 1.18 0.86	40.54 1.86 0.65	43.81 1.72 0.00	51.12 2.56 -5.21	54.67 1.94 -2.03	64.87 1.49 -5.48	70.25 1.93 -4.17	53.81 1.96 -2.89	51.13 1.88 -0.88	53.09 1.55 -0.64	51.61 1.89 0.00	40.57 1.22 9.65	36.46 1.19 13.34	28.41 0.93 21.95	28.42 0.49 22.35	46.30 1.05 0.00	39.94 1.43 -0.31
WOODARD__115KV_TB2 355635	47.74 -0.47 0.00	40.35 -0.34 0.00	33.98 -0.37 0.00	32.31 -0.33 0.00	30.30 -0.31 0.00	37.49 -0.41 0.00	37.43 -0.47 0.00	31.89 -0.53 0.00	38.70 -0.63 0.00	41.48 -0.61 0.00	42.90 -0.46 0.00	50.28 -0.42 0.00	57.56 -0.39 -0.04	64.38 -0.45 -0.68	48.67 -0.29 0.00	48.16 -0.21 0.00	51.05 0.09 -0.06	50.11 0.32 -0.07	49.33 0.33 0.00	48.84 0.23 0.00	49.45 0.02 0.00	50.15 -0.12 0.00	45.05 -0.20 0.00	37.97 -0.22 0.00
WOODMERE_69_KV_BK1 55827	50.76 2.56 0.00	43.61 2.92 0.00	38.33 2.70 -1.29	35.21 2.57 0.00	32.92 2.30 0.00	40.29 2.39 0.00	39.92 2.01 0.00	37.41 1.79 -3.22	44.07 2.33 -2.42	44.58 2.48 0.00	51.70 3.14 -5.21	55.58 2.85 -2.03	66.30 2.91 -5.48	71.57 3.25 -4.17	54.75 2.89 -2.89	52.08 2.83 -0.88	54.29 2.75 -0.64	52.56 2.84 0.00	50.80 2.23 0.44	51.00 2.15 -0.24	49.19 1.71 1.96	50.33 1.20 1.14	46.97 1.72 0.00	40.47 1.96 -0.31
YORK___WARBASSE 23770	50.65 2.45 0.00	43.27 2.58 0.00	37.82 2.18 -1.29	34.70 2.07 0.00	32.45 1.84 0.00	39.75 1.84 0.00	39.68 1.78 0.00	33.98 1.56 0.00	41.28 1.95 0.00	44.15 2.06 0.00	50.69 2.13 -5.21	54.63 1.90 -2.03	65.61 2.23 -5.47	70.86 2.55 -4.16	54.24 2.38 -2.89	51.64 2.39 -0.89	53.84 2.31 -0.63	52.18 2.46 0.00	51.07 2.06 0.00	50.71 2.09 0.00	51.04 1.60 -0.01	51.39 1.12 0.01	47.04 1.78 -0.01	40.29 1.79 -0.31