

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

04/22/2026

Generator Data

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1 24138	33.49 1.95 0.00	31.87 1.86 0.00	35.02 1.81 0.00	36.74 1.80 0.00	38.73 1.80 0.00	47.67 2.17 0.00	65.57 3.22 0.00	51.33 2.86 0.00	44.76 2.87 0.00	41.55 2.86 0.00	43.73 2.98 0.00	46.29 3.23 0.00	47.76 3.29 0.00	45.95 2.99 0.00	45.72 2.98 0.00	45.53 3.06 0.00	46.81 3.17 0.00	48.39 3.15 0.00	51.83 3.01 0.00	78.49 4.40 0.00	110.70 5.92 0.00	52.30 2.67 0.00	47.71 2.53 0.00	43.68 2.11 0.00
74TH STREET_GT_1 24260	33.53 1.99 0.00	31.90 1.89 0.00	35.06 1.85 0.00	36.78 1.85 0.00	38.79 1.85 0.00	47.74 2.24 0.00	65.62 3.27 0.00	51.41 2.93 0.00	44.80 2.91 0.00	41.57 2.89 0.00	43.75 2.99 0.00	46.32 3.26 0.00	47.79 3.32 0.00	45.98 3.01 0.00	45.75 3.01 0.00	45.56 3.09 0.00	46.85 3.21 0.00	48.42 3.17 0.00	51.87 3.05 0.00	78.59 4.50 0.00	110.88 6.10 0.00	52.40 2.77 0.00	47.80 2.62 0.00	43.75 2.18 0.00
74TH STREET_GT_2 24261	33.53 1.99 0.00	31.90 1.89 0.00	35.06 1.85 0.00	36.78 1.85 0.00	38.79 1.85 0.00	47.74 2.24 0.00	65.62 3.27 0.00	51.41 2.93 0.00	44.80 2.91 0.00	41.57 2.89 0.00	43.75 2.99 0.00	46.32 3.26 0.00	47.79 3.32 0.00	45.98 3.01 0.00	45.75 3.01 0.00	45.56 3.09 0.00	46.85 3.21 0.00	48.42 3.17 0.00	51.87 3.05 0.00	78.59 4.50 0.00	110.88 6.10 0.00	52.40 2.77 0.00	47.80 2.62 0.00	43.75 2.18 0.00
ADK HUDSON__FALLS 24011	32.73 1.19 0.00	31.36 1.35 0.00	34.78 1.57 0.00	36.57 1.64 0.00	38.64 1.70 0.00	47.60 2.10 0.00	65.15 2.80 0.00	50.79 2.32 0.00	43.80 1.90 0.00	40.44 1.76 0.00	42.44 1.68 0.00	44.78 1.72 0.00	46.16 1.69 0.00	44.22 1.26 0.00	44.03 1.29 0.00	43.41 0.94 0.00	44.87 1.23 0.00	46.65 1.41 0.00	50.57 1.75 0.00	76.86 2.78 0.00	108.49 3.71 0.00	51.48 1.85 0.00	46.94 1.76 0.00	42.94 1.37 0.00
ADK RESOURCE__RCVRY 23798	32.82 1.28 0.00	31.50 1.48 0.00	34.95 1.74 0.00	36.76 1.83 0.00	38.84 1.90 0.00	47.89 2.40 0.00	65.53 3.18 0.00	51.02 2.55 0.00	43.97 2.07 0.00	40.58 1.90 0.00	42.54 1.78 0.00	44.89 1.83 0.00	46.28 1.81 0.00	44.37 1.40 0.00	44.21 1.47 0.00	43.41 0.94 0.00	44.95 1.31 0.00	46.72 1.48 0.00	50.65 1.83 0.00	77.13 3.04 0.00	108.83 4.05 0.00	51.70 2.07 0.00	47.15 1.97 0.00	43.04 1.47 0.00
ADK S GLENS__FALLS 24028	32.73 1.19 0.00	31.36 1.35 0.00	34.78 1.57 0.00	36.57 1.64 0.00	38.64 1.70 0.00	47.60 2.10 0.00	65.15 2.80 0.00	50.79 2.32 0.00	43.80 1.90 0.00	40.44 1.76 0.00	42.44 1.68 0.00	44.78 1.72 0.00	46.16 1.69 0.00	44.22 1.26 0.00	44.03 1.29 0.00	43.41 0.94 0.00	44.87 1.23 0.00	46.65 1.41 0.00	50.57 1.75 0.00	76.86 2.78 0.00	108.49 3.71 0.00	51.48 1.85 0.00	46.94 1.76 0.00	42.94 1.37 0.00
ADK_NYS__DAM 23527	32.99 1.45 0.00	31.65 1.64 0.00	35.08 1.87 0.00	36.88 1.94 0.00	38.93 1.99 0.00	47.74 2.24 0.00	64.78 2.43 0.00	50.64 2.17 0.00	43.72 1.82 0.00	40.60 1.92 0.00	42.70 1.94 0.00	45.24 2.18 0.00	46.73 2.26 0.00	45.00 2.04 0.00	44.85 2.11 0.00	44.61 2.14 0.00	45.79 2.15 0.00	47.38 2.14 0.00	51.09 2.27 0.00	77.40 3.32 0.00	108.92 4.14 0.00	51.83 2.19 0.00	47.11 1.94 0.00	43.33 1.76 0.00
AIR_PRODUCTS__DRP 24190	31.98 0.44 0.00	30.61 0.60 0.00	33.85 0.64 0.00	35.59 0.66 0.00	37.60 0.66 0.00	46.09 0.59 0.00	63.00 0.65 0.00	49.32 0.84 0.00	42.63 0.73 0.00	39.43 0.74 0.00	41.40 0.64 0.00	43.76 0.70 0.00	45.17 0.70 0.00	43.54 0.57 0.00	43.35 0.61 0.00	43.17 0.70 0.00	44.30 0.65 0.00	45.93 0.69 0.00	49.51 0.69 0.00	75.00 0.91 0.00	105.77 0.99 0.00	50.19 0.55 0.00	45.65 0.48 0.00	41.97 0.40 0.00
AKWESSNE_115KV_BK 355683	31.38 -0.16 0.00	29.88 -0.14 0.00	33.11 -0.10 0.00	34.84 -0.10 0.00	36.86 -0.07 0.00	45.50 0.00 0.00	62.14 -0.21 0.00	48.15 -0.33 0.00	41.51 -0.39 0.00	38.47 -0.21 0.00	40.83 0.07 0.00	43.17 0.11 0.00	44.55 0.08 0.00	43.12 0.15 0.00	42.90 0.15 0.00	42.59 0.12 0.00	43.74 0.10 0.00	45.31 0.07 0.00	48.81 -0.01 0.00	73.83 -0.26 0.00	104.57 -0.21 0.00	49.56 -0.08 0.00	45.04 -0.14 0.00	41.62 0.05 0.00
ALBANY_1_SOLAR 323833	32.55 1.01 0.00	31.18 1.16 0.00	34.53 1.32 0.00	36.32 1.38 0.00	38.34 1.40 0.00	47.12 1.62 0.00	64.39 2.04 0.00	50.29 1.82 0.00	43.45 1.55 0.00	40.14 1.45 0.00	42.12 1.36 0.00	44.47 1.41 0.00	45.91 1.44 0.00	44.29 1.33 0.00	44.06 1.32 0.00	43.77 1.30 0.00	44.82 1.18 0.00	46.56 1.32 0.00	50.40 1.58 0.00	76.65 2.57 0.00	108.19 3.41 0.00	51.27 1.64 0.00	46.62 1.44 0.00	42.86 1.29 0.00
ALBANY_2_SOLAR 323834	32.55 1.01 0.00	31.17 1.16 0.00	34.52 1.31 0.00	36.30 1.37 0.00	38.33 1.39 0.00	47.10 1.60 0.00	64.38 2.03 0.00	50.28 1.81 0.00	43.44 1.55 0.00	40.13 1.44 0.00	42.11 1.35 0.00	44.46 1.40 0.00	45.90 1.43 0.00	44.28 1.31 0.00	44.05 1.31 0.00	43.75 1.29 0.00	44.82 1.18 0.00	46.55 1.31 0.00	50.40 1.57 0.00	76.61 2.52 0.00	108.16 3.38 0.00	51.25 1.61 0.00	46.62 1.44 0.00	42.84 1.28 0.00
ALBANY__1 23571	31.98 0.44 0.00	30.61 0.60 0.00	33.85 0.64 0.00	35.59 0.66 0.00	37.60 0.66 0.00	46.09 0.59 0.00	63.00 0.65 0.00	49.32 0.84 0.00	42.63 0.73 0.00	39.43 0.74 0.00	41.40 0.64 0.00	43.76 0.70 0.00	45.17 0.70 0.00	43.54 0.57 0.00	43.35 0.61 0.00	43.17 0.70 0.00	44.30 0.65 0.00	45.93 0.69 0.00	49.51 0.69 0.00	75.00 0.91 0.00	105.77 0.99 0.00	50.19 0.55 0.00	45.65 0.48 0.00	41.97 0.40 0.00

ALBANY___2 23572	31.98 0.44 0.00	30.61 0.60 0.00	33.85 0.64 0.00	35.59 0.66 0.00	37.60 0.66 0.00	46.09 0.59 0.00	63.00 0.65 0.00	49.32 0.84 0.00	42.63 0.73 0.00	39.43 0.74 0.00	41.40 0.64 0.00	43.76 0.70 0.00	45.17 0.70 0.00	43.54 0.57 0.00	43.35 0.61 0.00	43.17 0.70 0.00	44.30 0.65 0.00	45.93 0.69 0.00	49.51 0.69 0.00	75.00 0.91 0.00	105.77 0.99 0.00	50.19 0.55 0.00	45.65 0.48 0.00	41.97 0.40 0.00
ALBANY___3 23573	31.98 0.44 0.00	30.61 0.60 0.00	33.85 0.64 0.00	35.59 0.66 0.00	37.60 0.66 0.00	46.09 0.59 0.00	63.00 0.65 0.00	49.32 0.84 0.00	42.63 0.73 0.00	39.43 0.74 0.00	41.40 0.64 0.00	43.76 0.70 0.00	45.17 0.70 0.00	43.54 0.57 0.00	43.35 0.61 0.00	43.17 0.70 0.00	44.30 0.65 0.00	45.93 0.69 0.00	49.51 0.69 0.00	75.00 0.91 0.00	105.77 0.99 0.00	50.19 0.55 0.00	45.65 0.48 0.00	41.97 0.40 0.00
ALBANY___4 23574	31.98 0.44 0.00	30.61 0.60 0.00	33.85 0.64 0.00	35.59 0.66 0.00	37.60 0.66 0.00	46.09 0.59 0.00	63.00 0.65 0.00	49.32 0.84 0.00	42.63 0.73 0.00	39.43 0.74 0.00	41.40 0.64 0.00	43.76 0.70 0.00	45.17 0.70 0.00	43.54 0.57 0.00	43.35 0.61 0.00	43.17 0.70 0.00	44.30 0.65 0.00	45.93 0.69 0.00	49.51 0.69 0.00	75.00 0.91 0.00	105.77 0.99 0.00	50.19 0.55 0.00	45.65 0.48 0.00	41.97 0.40 0.00
ALBANY___LFG 323615	32.29 0.75 0.00	30.90 0.89 0.00	34.18 0.97 0.00	35.95 1.01 0.00	37.97 1.03 0.00	46.58 1.08 0.00	63.70 1.35 0.00	49.87 1.40 0.00	43.09 1.20 0.00	39.88 1.20 0.00	41.88 1.12 0.00	44.26 1.20 0.00	45.70 1.23 0.00	44.05 1.08 0.00	43.85 1.11 0.00	43.65 1.18 0.00	44.79 1.15 0.00	46.46 1.22 0.00	50.11 1.29 0.00	75.90 1.81 0.00	107.04 2.25 0.00	50.76 1.13 0.00	46.14 0.96 0.00	42.41 0.84 0.00
ALCOA_PA_115KV_PL-6C 55860	31.34 -0.20 0.00	29.82 -0.19 0.00	33.06 -0.15 0.00	34.80 -0.13 0.00	36.83 -0.10 0.00	45.46 -0.04 0.00	62.21 -0.14 0.00	48.28 -0.19 0.00	41.60 -0.29 0.00	38.45 -0.23 0.00	40.77 0.02 0.00	43.11 0.05 0.00	44.47 0.00 0.00	43.04 0.08 0.00	42.85 0.11 0.00	42.56 0.09 0.00	43.73 0.09 0.00	45.35 0.11 0.00	48.94 0.12 0.00	74.34 0.25 0.00	105.48 0.70 0.00	49.97 0.33 0.00	45.29 0.11 0.00	41.81 0.24 0.00
ALCOA_RYNLDS___DRP 24188	31.34 -0.20 0.00	29.82 -0.19 0.00	33.06 -0.15 0.00	34.80 -0.13 0.00	36.83 -0.10 0.00	45.47 -0.03 0.00	62.21 -0.14 0.00	48.28 -0.20 0.00	41.60 -0.29 0.00	38.45 -0.23 0.00	40.77 0.02 0.00	43.11 0.05 0.00	44.47 0.00 0.00	43.04 0.08 0.00	42.85 0.11 0.00	42.56 0.09 0.00	43.73 0.09 0.00	45.35 0.11 0.00	48.94 0.12 0.00	74.34 0.25 0.00	105.48 0.70 0.00	49.96 0.33 0.00	45.29 0.11 0.00	41.81 0.24 0.00
ALCOA___DSASP 323711	31.34 -0.20 0.00	29.82 -0.19 0.00	33.06 -0.15 0.00	34.80 -0.13 0.00	36.83 -0.10 0.00	45.47 -0.03 0.00	62.21 -0.14 0.00	48.28 -0.20 0.00	41.60 -0.29 0.00	38.45 -0.23 0.00	40.77 0.02 0.00	43.11 0.05 0.00	44.47 0.00 0.00	43.04 0.08 0.00	42.85 0.11 0.00	42.56 0.09 0.00	43.73 0.09 0.00	45.35 0.11 0.00	48.94 0.12 0.00	74.34 0.25 0.00	105.48 0.70 0.00	49.96 0.33 0.00	45.29 0.11 0.00	41.81 0.24 0.00
ALLEGHENY___COGEN 23514	31.87 0.33 0.00	29.91 -0.11 0.00	33.19 -0.02 0.00	34.96 0.03 0.00	37.04 0.10 0.00	45.94 0.44 0.00	63.62 1.27 0.00	38.22 0.65 10.91	41.68 -0.21 0.00	37.59 -1.10 0.00	39.35 -1.41 0.00	41.57 -1.49 0.00	43.52 -0.95 0.00	42.26 -0.71 0.00	41.62 -1.12 0.00	40.76 -1.71 0.00	41.60 -2.05 0.00	43.78 -2.48 -1.02	46.72 -2.09 0.00	73.98 -0.11 0.00	107.48 2.70 0.00	50.46 0.82 0.00	45.63 0.45 0.00	42.11 0.54 0.00
ALTMONT_115KV_TB 2 55880	32.28 0.74 0.00	30.85 0.84 0.00	34.13 0.92 0.00	35.88 0.94 0.00	37.89 0.95 0.00	46.57 1.07 0.00	63.71 1.36 0.00	49.75 1.28 0.00	43.04 1.14 0.00	39.78 1.10 0.00	41.81 1.05 0.00	44.17 1.11 0.00	45.59 1.12 0.00	43.96 1.00 0.00	43.76 1.02 0.00	43.51 1.04 0.00	44.68 1.04 0.00	46.32 1.08 0.00	50.01 1.19 0.00	75.83 1.74 0.00	107.05 2.27 0.00	50.79 1.15 0.00	46.22 1.04 0.00	42.43 0.87 0.00
ALTONA_WT_PWR 323606	31.14 -0.40 0.00	29.80 -0.21 0.00	33.13 -0.08 0.00	34.90 -0.03 0.00	36.89 -0.05 0.00	45.57 0.07 0.00	62.34 -0.01 0.00	48.29 -0.19 0.00	41.68 -0.22 0.00	38.71 0.02 0.00	40.97 0.21 0.00	43.31 0.25 0.00	44.68 0.21 0.00	43.22 0.26 0.00	43.05 0.31 0.00	42.84 0.38 0.00	44.01 0.36 0.00	45.58 0.35 0.00	49.24 0.42 0.00	74.39 0.30 0.00	105.26 0.48 0.00	50.12 0.49 0.00	45.67 0.50 0.00	42.06 0.49 0.00
AMERICAN_REF_FUEL 24010	29.83 -1.71 0.00	27.97 -2.04 0.00	31.07 -2.14 0.00	32.62 -2.31 0.00	34.49 -2.45 0.00	42.55 -2.95 0.00	58.10 -4.25 0.00	35.53 -3.89 9.06	38.76 -3.14 0.00	35.39 -3.29 0.00	37.32 -3.44 0.00	39.39 -3.67 0.00	41.27 -3.20 0.00	40.12 -2.85 0.00	39.70 -3.04 0.00	38.81 -3.66 0.00	39.20 -4.44 0.00	39.76 -5.18 0.30	43.58 -5.24 0.00	66.92 -7.17 0.00	95.18 -9.60 0.00	44.76 -4.88 0.00	40.83 -4.35 0.00	38.22 -3.35 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.17 -1.37 0.00	27.82 -2.19 0.00	31.05 -2.17 0.00	33.00 -1.93 0.00	34.94 -2.00 0.00	43.12 -2.37 0.00	59.45 -2.90 0.00	35.34 -2.41 10.73	40.41 -1.49 0.00	36.68 -2.00 0.00	38.64 -2.12 0.00	40.71 -2.35 0.00	42.41 -2.06 0.00	40.99 -1.97 0.00	40.07 -2.67 0.00	39.06 -3.41 0.00	39.58 -4.06 0.00	40.53 -4.35 0.36	44.90 -3.92 0.00	70.58 -3.51 0.00	100.99 -3.79 0.00	47.11 -2.53 0.00	42.86 -2.32 0.00	39.78 -1.80 0.00
ARTHUR KILL_GT_1 23520	33.63 2.09 0.00	31.92 1.91 0.00	35.09 1.88 0.00	36.81 1.87 0.00	38.81 1.87 0.00	47.76 2.26 0.00	65.27 2.92 0.00	51.33 2.85 0.00	44.81 2.92 0.00	41.50 2.82 0.00	43.66 2.90 0.00	46.20 3.14 0.00	47.66 3.19 0.00	45.85 2.89 0.00	45.65 2.91 0.00	45.48 3.02 0.00	46.64 3.00 0.00	48.14 2.90 0.00	51.39 2.57 0.00	77.87 3.78 0.00	109.91 5.13 0.00	52.08 2.44 0.00	47.73 2.55 0.00	43.80 2.23 0.00
ARTHUR_KILL_2 23512	33.55 2.01 0.00	31.84 1.83 0.00	35.00 1.79 0.00	36.73 1.79 0.00	38.73 1.79 0.00	47.64 2.14 0.00	65.10 2.75 0.00	51.21 2.74 0.00	44.70 2.81 0.00	41.40 2.71 0.00	43.55 2.79 0.00	46.09 3.04 0.00	47.56 3.09 0.00	45.75 2.79 0.00	45.55 2.81 0.00	45.39 2.92 0.00	46.55 2.91 0.00	48.04 2.80 0.00	51.28 2.46 0.00	77.66 3.58 0.00	109.60 4.82 0.00	51.93 2.30 0.00	47.61 2.43 0.00	43.69 2.12 0.00
ARTHUR_KILL_3 23513	33.27 1.73 0.00	31.67 1.65 0.00	34.80 1.59 0.00	36.51 1.58 0.00	38.49 1.55 0.00	47.36 1.86 0.00	65.10 2.75 0.00	50.98 2.50 0.00	44.39 2.49 0.00	41.17 2.49 0.00	43.33 2.57 0.00	45.86 2.80 0.00	47.31 2.84 0.00	45.51 2.55 0.00	45.28 2.54 0.00	45.12 2.65 0.00	46.39 2.75 0.00	47.95 2.71 0.00	51.36 2.54 0.00	77.80 3.71 0.00	109.76 4.98 0.00	51.90 2.26 0.00	47.39 2.21 0.00	43.38 1.81 0.00

ARTHUR_KILL_COGEN 323718	33.64 2.09 0.00	31.92 1.91 0.00	35.09 1.88 0.00	36.81 1.87 0.00	38.81 1.87 0.00	47.76 2.26 0.00	65.27 2.92 0.00	51.35 2.87 0.00	44.81 2.92 0.00	41.51 2.82 0.00	43.66 2.90 0.00	46.20 3.14 0.00	47.66 3.19 0.00	45.86 2.89 0.00	45.65 2.91 0.00	45.48 3.01 0.00	46.65 3.00 0.00	48.13 2.90 0.00	51.39 2.57 0.00	77.87 3.79 0.00	109.91 5.13 0.00	52.08 2.44 0.00	47.73 2.55 0.00	43.80 2.23 0.00
ASHOKAN____ 23654	32.77 1.22 0.00	31.23 1.22 0.00	34.51 1.30 0.00	36.25 1.32 0.00	38.27 1.34 0.00	47.07 1.57 0.00	64.63 2.28 0.00	50.60 2.13 0.00	43.79 1.90 0.00	40.58 1.90 0.00	42.70 1.94 0.00	45.19 2.13 0.00	46.61 2.14 0.00	44.90 1.93 0.00	44.68 1.93 0.00	44.47 2.01 0.00	45.70 2.06 0.00	47.30 2.06 0.00	50.84 2.02 0.00	77.17 3.08 0.00	109.00 4.22 0.00	51.57 1.94 0.00	46.92 1.74 0.00	42.96 1.39 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.34 1.80 0.00	31.73 1.72 0.00	34.84 1.63 0.00	36.56 1.63 0.00	38.56 1.63 0.00	47.39 1.89 0.00	65.03 2.68 0.00	51.01 2.54 0.00	44.57 2.67 0.00	41.29 2.60 0.00	43.42 2.67 0.00	45.98 2.92 0.00	47.43 2.96 0.00	45.63 2.67 0.00	45.39 2.65 0.00	45.24 2.77 0.00	46.48 2.84 0.00	48.01 2.78 0.00	51.41 2.59 0.00	77.79 3.70 0.00	109.75 4.97 0.00	51.93 2.29 0.00	47.53 2.35 0.00	43.49 1.92 0.00
ASTORIA_EAST_ENERGY_CC2 323582	33.34 1.80 0.00	31.73 1.72 0.00	34.84 1.63 0.00	36.56 1.63 0.00	38.56 1.63 0.00	47.39 1.89 0.00	65.03 2.68 0.00	51.01 2.54 0.00	44.57 2.67 0.00	41.29 2.60 0.00	43.42 2.67 0.00	45.98 2.92 0.00	47.43 2.96 0.00	45.63 2.67 0.00	45.39 2.65 0.00	45.24 2.77 0.00	46.48 2.84 0.00	48.01 2.78 0.00	51.41 2.59 0.00	77.79 3.70 0.00	109.75 4.97 0.00	51.93 2.29 0.00	47.53 2.35 0.00	43.49 1.92 0.00
ASTORIA_GT2_1 24094	33.35 1.81 0.00	31.75 1.73 0.00	34.86 1.65 0.00	36.58 1.65 0.00	38.58 1.64 0.00	47.42 1.92 0.00	65.06 2.71 0.00	51.04 2.56 0.00	44.59 2.70 0.00	41.30 2.62 0.00	43.45 2.69 0.00	46.01 2.95 0.00	47.44 2.97 0.00	45.65 2.69 0.00	45.42 2.68 0.00	45.26 2.79 0.00	46.50 2.86 0.00	48.04 2.80 0.00	51.43 2.61 0.00	77.84 3.75 0.00	109.84 5.06 0.00	51.95 2.31 0.00	47.54 2.37 0.00	43.51 1.94 0.00
ASTORIA_GT2_2 24095	33.35 1.81 0.00	31.75 1.73 0.00	34.86 1.65 0.00	36.58 1.65 0.00	38.58 1.64 0.00	47.42 1.92 0.00	65.06 2.71 0.00	51.04 2.56 0.00	44.59 2.70 0.00	41.30 2.62 0.00	43.45 2.69 0.00	46.01 2.95 0.00	47.44 2.97 0.00	45.65 2.69 0.00	45.42 2.68 0.00	45.26 2.79 0.00	46.50 2.86 0.00	48.04 2.80 0.00	51.43 2.61 0.00	77.84 3.75 0.00	109.84 5.06 0.00	51.95 2.31 0.00	47.54 2.37 0.00	43.51 1.94 0.00
ASTORIA_GT2_3 24096	33.35 1.81 0.00	31.75 1.73 0.00	34.86 1.65 0.00	36.58 1.65 0.00	38.58 1.64 0.00	47.42 1.92 0.00	65.06 2.71 0.00	51.04 2.56 0.00	44.59 2.70 0.00	41.30 2.62 0.00	43.45 2.69 0.00	46.01 2.95 0.00	47.44 2.97 0.00	45.65 2.69 0.00	45.42 2.68 0.00	45.26 2.79 0.00	46.50 2.86 0.00	48.04 2.80 0.00	51.43 2.61 0.00	77.84 3.75 0.00	109.84 5.06 0.00	51.95 2.31 0.00	47.54 2.37 0.00	43.51 1.94 0.00
ASTORIA_GT2_4 24097	33.35 1.81 0.00	31.75 1.73 0.00	34.86 1.65 0.00	36.58 1.65 0.00	38.58 1.64 0.00	47.42 1.92 0.00	65.06 2.71 0.00	51.04 2.56 0.00	44.59 2.70 0.00	41.30 2.62 0.00	43.45 2.69 0.00	46.01 2.95 0.00	47.44 2.97 0.00	45.65 2.69 0.00	45.42 2.68 0.00	45.26 2.79 0.00	46.50 2.86 0.00	48.04 2.80 0.00	51.43 2.61 0.00	77.84 3.75 0.00	109.84 5.06 0.00	51.95 2.31 0.00	47.54 2.37 0.00	43.51 1.94 0.00
ASTORIA_GT3_1 24098	33.35 1.81 0.00	31.75 1.73 0.00	34.86 1.65 0.00	36.58 1.65 0.00	38.58 1.64 0.00	47.42 1.92 0.00	65.06 2.71 0.00	51.04 2.56 0.00	44.59 2.70 0.00	41.30 2.62 0.00	43.45 2.69 0.00	46.01 2.95 0.00	47.44 2.97 0.00	45.65 2.69 0.00	45.42 2.68 0.00	45.26 2.79 0.00	46.50 2.86 0.00	48.04 2.80 0.00	51.43 2.61 0.00	77.84 3.75 0.00	109.84 5.06 0.00	51.95 2.31 0.00	47.54 2.37 0.00	43.51 1.94 0.00
ASTORIA_GT3_2 24099	33.35 1.81 0.00	31.75 1.73 0.00	34.86 1.65 0.00	36.58 1.65 0.00	38.58 1.64 0.00	47.42 1.92 0.00	65.06 2.71 0.00	51.04 2.56 0.00	44.59 2.70 0.00	41.30 2.62 0.00	43.45 2.69 0.00	46.01 2.95 0.00	47.44 2.97 0.00	45.65 2.69 0.00	45.42 2.68 0.00	45.26 2.79 0.00	46.50 2.86 0.00	48.04 2.80 0.00	51.43 2.61 0.00	77.84 3.75 0.00	109.84 5.06 0.00	51.95 2.31 0.00	47.54 2.37 0.00	43.51 1.94 0.00
ASTORIA_GT3_3 24100	33.35 1.81 0.00	31.75 1.73 0.00	34.86 1.65 0.00	36.58 1.65 0.00	38.58 1.64 0.00	47.42 1.92 0.00	65.06 2.71 0.00	51.04 2.56 0.00	44.59 2.70 0.00	41.30 2.62 0.00	43.45 2.69 0.00	46.01 2.95 0.00	47.44 2.97 0.00	45.65 2.69 0.00	45.42 2.68 0.00	45.26 2.79 0.00	46.50 2.86 0.00	48.04 2.80 0.00	51.43 2.61 0.00	77.84 3.75 0.00	109.84 5.06 0.00	51.95 2.31 0.00	47.54 2.37 0.00	43.51 1.94 0.00
ASTORIA_GT3_4 24101	33.35 1.81 0.00	31.75 1.73 0.00	34.86 1.65 0.00	36.58 1.65 0.00	38.58 1.64 0.00	47.42 1.92 0.00	65.06 2.71 0.00	51.04 2.56 0.00	44.59 2.70 0.00	41.30 2.62 0.00	43.45 2.69 0.00	46.01 2.95 0.00	47.44 2.97 0.00	45.65 2.69 0.00	45.42 2.68 0.00	45.26 2.79 0.00	46.50 2.86 0.00	48.04 2.80 0.00	51.43 2.61 0.00	77.84 3.75 0.00	109.84 5.06 0.00	51.95 2.31 0.00	47.54 2.37 0.00	43.51 1.94 0.00
ASTORIA_GT4_1 24102	33.35 1.81 0.00	31.75 1.73 0.00	34.86 1.65 0.00	36.58 1.65 0.00	38.58 1.64 0.00	47.42 1.92 0.00	65.06 2.71 0.00	51.04 2.56 0.00	44.59 2.70 0.00	41.30 2.62 0.00	43.45 2.69 0.00	46.01 2.95 0.00	47.44 2.97 0.00	45.65 2.69 0.00	45.42 2.68 0.00	45.26 2.79 0.00	46.50 2.86 0.00	48.04 2.80 0.00	51.43 2.61 0.00	77.84 3.75 0.00	109.84 5.06 0.00	51.95 2.31 0.00	47.54 2.37 0.00	43.51 1.94 0.00
ASTORIA_GT4_2 24103	33.35 1.81 0.00	31.75 1.73 0.00	34.86 1.65 0.00	36.58 1.65 0.00	38.58 1.64 0.00	47.42 1.92 0.00	65.06 2.71 0.00	51.04 2.56 0.00	44.59 2.70 0.00	41.30 2.62 0.00	43.45 2.69 0.00	46.01 2.95 0.00	47.44 2.97 0.00	45.65 2.69 0.00	45.42 2.68 0.00	45.26 2.79 0.00	46.50 2.86 0.00	48.04 2.80 0.00	51.43 2.61 0.00	77.84 3.75 0.00	109.84 5.06 0.00	51.95 2.31 0.00	47.54 2.37 0.00	43.51 1.94 0.00
ASTORIA_GT4_3 24104	33.35 1.81 0.00	31.75 1.73 0.00	34.86 1.65 0.00	36.58 1.65 0.00	38.58 1.64 0.00	47.42 1.92 0.00	65.06 2.71 0.00	51.04 2.56 0.00	44.59 2.70 0.00	41.30 2.62 0.00	43.45 2.69 0.00	46.01 2.95 0.00	47.44 2.97 0.00	45.65 2.69 0.00	45.42 2.68 0.00	45.26 2.79 0.00	46.50 2.86 0.00	48.04 2.80 0.00	51.43 2.61 0.00	77.84 3.75 0.00	109.84 5.06 0.00	51.95 2.31 0.00	47.54 2.37 0.00	43.51 1.94 0.00

ASTORIA_GT4_4 24105	33.35 1.81 0.00	31.75 1.73 0.00	34.86 1.65 0.00	36.58 1.65 0.00	38.58 1.64 0.00	47.42 1.92 0.00	65.06 2.71 0.00	51.04 2.56 0.00	44.59 2.70 0.00	41.30 2.62 0.00	43.45 2.69 0.00	46.01 2.95 0.00	47.44 2.97 0.00	45.65 2.69 0.00	45.42 2.68 0.00	45.26 2.79 0.00	46.50 2.86 0.00	48.04 2.80 0.00	51.43 2.61 0.00	77.84 3.75 0.00	109.84 5.06 0.00	51.95 2.31 0.00	47.54 2.37 0.00	43.51 1.94 0.00
ASTORIA_GT_1 23523	33.40 1.86 0.00	31.80 1.78 0.00	34.91 1.70 0.00	36.63 1.70 0.00	38.64 1.70 0.00	47.49 1.99 0.00	65.17 2.82 0.00	51.14 2.66 0.00	44.68 2.79 0.00	41.38 2.70 0.00	43.53 2.77 0.00	46.09 3.03 0.00	47.53 3.06 0.00	45.74 2.77 0.00	45.50 2.76 0.00	45.35 2.88 0.00	46.58 2.94 0.00	48.13 2.89 0.00	51.53 2.71 0.00	77.99 3.90 0.00	110.05 5.27 0.00	52.05 2.41 0.00	47.63 2.45 0.00	43.60 2.03 0.00
ASTORIA_GT_10 24110	33.43 1.89 0.00	31.81 1.80 0.00	34.92 1.71 0.00	36.63 1.70 0.00	38.62 1.68 0.00	47.49 1.98 0.00	65.20 2.86 0.00	51.13 2.65 0.00	44.64 2.75 0.00	41.40 2.71 0.00	43.55 2.79 0.00	46.08 3.02 0.00	47.52 3.05 0.00	45.72 2.76 0.00	45.49 2.75 0.00	45.32 2.85 0.00	46.57 2.93 0.00	48.13 2.89 0.00	51.52 2.70 0.00	78.01 3.92 0.00	110.06 5.28 0.00	52.03 2.40 0.00	47.53 2.36 0.00	43.54 1.97 0.00
ASTORIA_GT_11 24225	33.43 1.89 0.00	31.81 1.80 0.00	34.92 1.71 0.00	36.63 1.70 0.00	38.62 1.68 0.00	47.49 1.98 0.00	65.20 2.86 0.00	51.13 2.65 0.00	44.64 2.75 0.00	41.40 2.71 0.00	43.55 2.79 0.00	46.08 3.02 0.00	47.52 3.05 0.00	45.72 2.76 0.00	45.49 2.75 0.00	45.32 2.85 0.00	46.57 2.93 0.00	48.13 2.89 0.00	51.52 2.70 0.00	78.01 3.92 0.00	110.06 5.28 0.00	52.03 2.40 0.00	47.53 2.36 0.00	43.54 1.97 0.00
ASTORIA_GT_12 24226	33.43 1.89 0.00	31.81 1.80 0.00	34.92 1.71 0.00	36.63 1.70 0.00	38.62 1.68 0.00	47.49 1.98 0.00	65.20 2.86 0.00	51.13 2.65 0.00	44.64 2.75 0.00	41.40 2.71 0.00	43.55 2.79 0.00	46.08 3.02 0.00	47.52 3.05 0.00	45.72 2.76 0.00	45.49 2.75 0.00	45.32 2.85 0.00	46.57 2.93 0.00	48.13 2.89 0.00	51.52 2.70 0.00	78.01 3.92 0.00	110.06 5.28 0.00	52.03 2.40 0.00	47.53 2.36 0.00	43.54 1.97 0.00
ASTORIA_GT_13 24227	33.43 1.89 0.00	31.81 1.80 0.00	34.92 1.71 0.00	36.63 1.70 0.00	38.62 1.68 0.00	47.49 1.98 0.00	65.20 2.86 0.00	51.13 2.65 0.00	44.64 2.75 0.00	41.40 2.71 0.00	43.55 2.79 0.00	46.08 3.02 0.00	47.52 3.05 0.00	45.72 2.76 0.00	45.49 2.75 0.00	45.32 2.85 0.00	46.57 2.93 0.00	48.13 2.89 0.00	51.52 2.70 0.00	78.01 3.92 0.00	110.06 5.28 0.00	52.03 2.40 0.00	47.53 2.36 0.00	43.54 1.97 0.00
ASTORIA_GT_5 24106	33.40 1.86 0.00	31.80 1.78 0.00	34.91 1.70 0.00	36.63 1.70 0.00	38.64 1.70 0.00	47.49 1.99 0.00	65.17 2.82 0.00	51.14 2.66 0.00	44.68 2.79 0.00	41.38 2.70 0.00	43.53 2.77 0.00	46.09 3.03 0.00	47.53 3.06 0.00	45.74 2.77 0.00	45.50 2.76 0.00	45.35 2.88 0.00	46.58 2.94 0.00	48.13 2.89 0.00	51.53 2.71 0.00	77.99 3.90 0.00	110.05 5.27 0.00	52.05 2.41 0.00	47.63 2.45 0.00	43.60 2.03 0.00
ASTORIA_GT_7 24107	33.40 1.86 0.00	31.80 1.78 0.00	34.91 1.70 0.00	36.63 1.70 0.00	38.64 1.70 0.00	47.49 1.99 0.00	65.17 2.82 0.00	51.14 2.66 0.00	44.68 2.79 0.00	41.38 2.70 0.00	43.53 2.77 0.00	46.09 3.03 0.00	47.53 3.06 0.00	45.74 2.77 0.00	45.50 2.76 0.00	45.35 2.88 0.00	46.58 2.94 0.00	48.13 2.89 0.00	51.53 2.71 0.00	77.99 3.90 0.00	110.05 5.27 0.00	52.05 2.41 0.00	47.63 2.45 0.00	43.60 2.03 0.00
ASTORIA_GT_8 24108	33.40 1.86 0.00	31.80 1.78 0.00	34.91 1.70 0.00	36.63 1.70 0.00	38.64 1.70 0.00	47.49 1.99 0.00	65.17 2.82 0.00	51.14 2.66 0.00	44.68 2.79 0.00	41.38 2.70 0.00	43.53 2.77 0.00	46.09 3.03 0.00	47.53 3.06 0.00	45.74 2.77 0.00	45.50 2.76 0.00	45.35 2.88 0.00	46.58 2.94 0.00	48.13 2.89 0.00	51.53 2.71 0.00	77.99 3.90 0.00	110.05 5.27 0.00	52.05 2.41 0.00	47.63 2.45 0.00	43.60 2.03 0.00
ASTORIA___2 24149	33.35 1.81 0.00	31.75 1.73 0.00	34.86 1.65 0.00	36.58 1.65 0.00	38.58 1.64 0.00	47.42 1.92 0.00	65.07 2.72 0.00	51.05 2.58 0.00	44.60 2.70 0.00	41.30 2.62 0.00	43.45 2.69 0.00	46.00 2.95 0.00	47.44 2.97 0.00	45.65 2.69 0.00	45.42 2.68 0.00	45.27 2.80 0.00	46.49 2.85 0.00	48.04 2.80 0.00	51.43 2.61 0.00	77.84 3.75 0.00	109.84 5.06 0.00	51.95 2.32 0.00	47.56 2.38 0.00	43.51 1.94 0.00
ASTORIA___3 23516	33.43 1.89 0.00	31.81 1.80 0.00	34.92 1.71 0.00	36.63 1.70 0.00	38.61 1.68 0.00	47.48 1.98 0.00	65.20 2.86 0.00	51.14 2.66 0.00	44.64 2.75 0.00	41.40 2.71 0.00	43.55 2.79 0.00	46.08 3.02 0.00	47.52 3.05 0.00	45.72 2.76 0.00	45.49 2.75 0.00	45.32 2.85 0.00	46.57 2.93 0.00	48.13 2.89 0.00	51.52 2.70 0.00	78.02 3.93 0.00	110.06 5.28 0.00	52.04 2.40 0.00	47.54 2.36 0.00	43.54 1.97 0.00
ASTORIA___4 23517	33.43 1.89 0.00	31.81 1.80 0.00	34.92 1.71 0.00	36.63 1.70 0.00	38.62 1.68 0.00	47.49 1.98 0.00	65.20 2.86 0.00	51.13 2.65 0.00	44.64 2.75 0.00	41.40 2.71 0.00	43.55 2.79 0.00	46.08 3.02 0.00	47.52 3.05 0.00	45.72 2.76 0.00	45.49 2.75 0.00	45.32 2.85 0.00	46.57 2.93 0.00	48.13 2.89 0.00	51.52 2.70 0.00	78.01 3.92 0.00	110.06 5.28 0.00	52.03 2.40 0.00	47.53 2.36 0.00	43.54 1.97 0.00
ASTORIA___5 23518	33.43 1.89 0.00	31.81 1.80 0.00	34.92 1.71 0.00	36.63 1.70 0.00	38.61 1.68 0.00	47.48 1.98 0.00	65.20 2.86 0.00	51.14 2.66 0.00	44.64 2.75 0.00	41.40 2.71 0.00	43.55 2.79 0.00	46.08 3.02 0.00	47.52 3.05 0.00	45.72 2.76 0.00	45.49 2.75 0.00	45.32 2.85 0.00	46.57 2.93 0.00	48.13 2.89 0.00	51.52 2.70 0.00	78.02 3.93 0.00	110.06 5.28 0.00	52.04 2.40 0.00	47.54 2.36 0.00	43.54 1.97 0.00
AST_ENERGY_2_CC3 323677	33.32 1.77 0.00	31.71 1.70 0.00	34.84 1.63 0.00	36.55 1.62 0.00	38.53 1.60 0.00	47.41 1.91 0.00	65.16 2.81 0.00	51.02 2.54 0.00	44.44 2.55 0.00	41.24 2.55 0.00	43.41 2.65 0.00	45.95 2.89 0.00	47.40 2.93 0.00	45.61 2.64 0.00	45.38 2.64 0.00	45.20 2.73 0.00	46.47 2.83 0.00	48.03 2.79 0.00	51.47 2.65 0.00	77.96 3.88 0.00	109.98 5.20 0.00	52.00 2.36 0.00	47.45 2.27 0.00	43.45 1.88 0.00
AST_ENERGY_2_CC4 323678	33.32 1.77 0.00	31.71 1.70 0.00	34.84 1.63 0.00	36.55 1.62 0.00	38.53 1.60 0.00	47.41 1.91 0.00	65.16 2.81 0.00	51.02 2.54 0.00	44.44 2.55 0.00	41.24 2.55 0.00	43.41 2.65 0.00	45.95 2.89 0.00	47.40 2.93 0.00	45.61 2.64 0.00	45.38 2.64 0.00	45.20 2.73 0.00	46.47 2.83 0.00	48.03 2.79 0.00	51.47 2.65 0.00	77.96 3.88 0.00	109.98 5.20 0.00	52.00 2.36 0.00	47.45 2.27 0.00	43.45 1.88 0.00

ATHENS_STG_1 23668	32.55 1.01 0.00	31.05 1.04 0.00	34.31 1.10 0.00	36.04 1.11 0.00	38.05 1.11 0.00	46.75 1.25 0.00	64.06 1.71 0.00	50.02 1.54 0.00	43.35 1.45 0.00	40.13 1.45 0.00	42.22 1.45 0.00	44.67 1.61 0.00	46.12 1.64 0.00	44.43 1.47 0.00	44.21 1.47 0.00	43.99 1.52 0.00	45.23 1.59 0.00	46.83 1.59 0.00	50.40 1.58 0.00	76.35 2.27 0.00	107.76 2.98 0.00	51.09 1.46 0.00	46.55 1.37 0.00	42.69 1.12 0.00
ATHENS_STG_2 23670	32.55 1.01 0.00	31.05 1.04 0.00	34.31 1.10 0.00	36.04 1.11 0.00	38.05 1.11 0.00	46.75 1.25 0.00	64.06 1.71 0.00	50.02 1.54 0.00	43.35 1.45 0.00	40.13 1.45 0.00	42.22 1.45 0.00	44.67 1.61 0.00	46.12 1.64 0.00	44.43 1.47 0.00	44.21 1.47 0.00	43.99 1.52 0.00	45.23 1.59 0.00	46.83 1.59 0.00	50.40 1.58 0.00	76.35 2.27 0.00	107.76 2.98 0.00	51.09 1.46 0.00	46.55 1.37 0.00	42.69 1.12 0.00
ATHENS_STG_3 23677	32.55 1.01 0.00	31.05 1.04 0.00	34.31 1.10 0.00	36.04 1.11 0.00	38.05 1.11 0.00	46.75 1.25 0.00	64.06 1.71 0.00	50.02 1.54 0.00	43.35 1.45 0.00	40.13 1.45 0.00	42.22 1.45 0.00	44.67 1.61 0.00	46.12 1.64 0.00	44.43 1.47 0.00	44.21 1.47 0.00	43.99 1.52 0.00	45.23 1.59 0.00	46.83 1.59 0.00	50.40 1.58 0.00	76.35 2.27 0.00	107.76 2.98 0.00	51.09 1.46 0.00	46.55 1.37 0.00	42.69 1.12 0.00
AUBURN___LFGE 323710	31.51 -0.03 0.00	29.88 -0.13 0.00	33.05 -0.16 0.00	34.77 -0.16 0.00	36.81 -0.12 0.00	45.38 -0.12 0.00	62.46 0.11 0.00	45.90 0.03 2.61	41.90 0.00 0.00	38.45 -0.23 0.00	40.07 -0.69 0.00	42.14 -0.92 0.00	43.66 -0.81 0.00	42.18 -0.78 0.00	41.94 -0.80 0.00	41.70 -0.77 0.00	42.81 -0.83 0.00	44.58 -0.71 -0.05	48.26 -0.56 0.00	73.91 -0.18 0.00	104.90 0.12 0.00	49.52 -0.11 0.00	44.97 -0.20 0.00	41.35 -0.22 0.00
BABYLON_RES_REC 323704	36.26 2.26 -2.46	32.70 2.18 -0.51	35.25 2.04 0.00	36.92 1.99 0.00	38.89 1.95 0.00	47.41 1.91 0.00	65.35 2.54 -0.47	51.23 2.64 -0.11	44.61 2.71 -0.01	41.45 2.64 -0.12	51.39 3.01 -7.62	46.73 3.41 -0.26	47.61 3.13 -0.02	46.09 3.12 0.00	45.91 3.17 0.00	45.71 3.24 0.00	46.89 3.23 -0.02	48.80 2.88 -0.68	52.46 2.84 -0.80	79.87 4.22 -1.56	111.74 4.85 -2.11	52.33 2.36 -0.33	47.42 2.20 -0.04	43.80 2.21 -0.02
BALL_HILL_WT_PWR 323825	30.30 -1.24 0.00	28.25 -1.76 0.00	31.48 -1.73 0.00	33.16 -1.77 0.00	35.06 -1.87 0.00	43.36 -2.14 0.00	59.63 -2.72 0.00	35.50 -2.58 10.40	39.97 -1.92 0.00	36.38 -2.30 0.00	38.25 -2.51 0.00	40.37 -2.69 0.00	42.23 -2.25 0.00	40.96 -2.01 0.00	40.37 -2.37 0.00	39.47 -3.00 0.00	40.02 -3.63 0.00	40.71 -4.14 0.39	44.84 -3.98 0.00	69.68 -4.41 0.00	99.60 -5.18 0.00	46.57 -3.07 0.00	42.34 -2.84 0.00	39.36 -2.21 0.00
BARON_WINDS___WT_PWR 323822	29.45 -2.10 0.00	27.59 -2.42 0.00	30.77 -2.44 0.00	32.42 -2.51 0.00	34.34 -2.60 0.00	42.49 -3.01 0.00	59.00 -3.35 0.00	28.67 -2.94 16.86	38.95 -2.95 0.00	35.59 -3.10 0.00	37.66 -3.10 0.00	39.90 -3.16 0.00	41.85 -2.62 0.00	40.41 -2.55 0.00	39.72 -3.02 0.00	38.74 -3.72 0.00	39.32 -4.32 0.00	38.76 -4.94 1.54	43.92 -4.90 0.00	69.45 -4.63 0.00	100.77 -4.01 0.00	47.12 -2.52 0.00	42.82 -2.36 0.00	39.58 -1.99 0.00
BARRETT_IC_1 23704	35.88 2.00 -2.34	32.48 1.99 -0.48	35.10 1.89 0.00	36.76 1.83 0.00	38.73 1.80 0.00	47.24 1.74 0.00	64.41 2.06 0.00	50.58 2.10 0.00	44.13 2.23 0.00	41.00 2.32 0.00	50.64 2.62 -7.26	46.37 3.07 -0.24	47.35 2.88 0.00	45.78 2.82 0.00	45.57 2.84 0.00	45.39 2.92 0.00	46.58 2.94 0.00	47.92 2.68 0.00	51.42 2.60 0.00	77.69 3.60 0.00	108.71 3.93 0.00	51.66 2.03 0.00	47.23 2.05 -0.01	43.58 2.00 0.00
BARRETT_IC_10 23701	35.88 2.00 -2.34	32.48 1.99 -0.48	35.10 1.89 0.00	36.76 1.83 0.00	38.73 1.80 0.00	47.24 1.74 0.00	64.41 2.06 0.00	50.58 2.10 0.00	44.13 2.23 0.00	41.00 2.32 0.00	50.64 2.62 -7.26	46.37 3.07 -0.24	47.35 2.88 0.00	45.78 2.82 0.00	45.57 2.84 0.00	45.39 2.92 0.00	46.58 2.94 0.00	47.92 2.68 0.00	51.42 2.60 0.00	77.69 3.60 0.00	108.71 3.93 0.00	51.66 2.03 0.00	47.23 2.05 -0.01	43.58 2.00 0.00
BARRETT_IC_11 23702	35.88 2.00 -2.34	32.48 1.99 -0.48	35.10 1.89 0.00	36.76 1.83 0.00	38.73 1.80 0.00	47.24 1.74 0.00	64.41 2.06 0.00	50.58 2.10 0.00	44.13 2.23 0.00	41.00 2.32 0.00	50.64 2.62 -7.26	46.37 3.07 -0.24	47.35 2.88 0.00	45.78 2.82 0.00	45.57 2.84 0.00	45.39 2.92 0.00	46.58 2.94 0.00	47.92 2.68 0.00	51.42 2.60 0.00	77.69 3.60 0.00	108.71 3.93 0.00	51.66 2.03 0.00	47.23 2.05 -0.01	43.58 2.00 0.00
BARRETT_IC_12 23703	35.88 2.00 -2.34	32.48 1.99 -0.48	35.10 1.89 0.00	36.76 1.83 0.00	38.73 1.80 0.00	47.24 1.74 0.00	64.41 2.06 0.00	50.58 2.10 0.00	44.13 2.23 0.00	41.00 2.32 0.00	50.64 2.62 -7.26	46.37 3.07 -0.24	47.35 2.88 0.00	45.78 2.82 0.00	45.57 2.84 0.00	45.39 2.92 0.00	46.58 2.94 0.00	47.92 2.68 0.00	51.42 2.60 0.00	77.69 3.60 0.00	108.71 3.93 0.00	51.66 2.03 0.00	47.23 2.05 -0.01	43.58 2.00 0.00
BARRETT_IC_2 23705	35.88 2.00 -2.34	32.48 1.99 -0.48	35.10 1.89 0.00	36.76 1.83 0.00	38.73 1.80 0.00	47.24 1.74 0.00	64.41 2.06 0.00	50.58 2.10 0.00	44.13 2.23 0.00	41.00 2.32 0.00	50.64 2.62 -7.26	46.37 3.07 -0.24	47.35 2.88 0.00	45.78 2.82 0.00	45.57 2.84 0.00	45.39 2.92 0.00	46.58 2.94 0.00	47.92 2.68 0.00	51.42 2.60 0.00	77.69 3.60 0.00	108.71 3.93 0.00	51.66 2.03 0.00	47.23 2.05 -0.01	43.58 2.00 0.00
BARRETT_IC_3 23706	35.88 2.00 -2.34	32.48 1.99 -0.48	35.10 1.89 0.00	36.76 1.83 0.00	38.73 1.80 0.00	47.24 1.74 0.00	64.41 2.06 0.00	50.58 2.10 0.00	44.13 2.23 0.00	41.00 2.32 0.00	50.64 2.62 -7.26	46.37 3.07 -0.24	47.35 2.88 0.00	45.78 2.82 0.00	45.57 2.84 0.00	45.39 2.92 0.00	46.58 2.94 0.00	47.92 2.68 0.00	51.42 2.60 0.00	77.69 3.60 0.00	108.71 3.93 0.00	51.66 2.03 0.00	47.23 2.05 -0.01	43.58 2.00 0.00
BARRETT_IC_4 23707	35.88 2.00 -2.34	32.48 1.99 -0.48	35.10 1.89 0.00	36.76 1.83 0.00	38.73 1.80 0.00	47.24 1.74 0.00	64.41 2.06 0.00	50.58 2.10 0.00	44.13 2.23 0.00	41.00 2.32 0.00	50.64 2.62 -7.26	46.37 3.07 -0.24	47.35 2.88 0.00	45.78 2.82 0.00	45.57 2.84 0.00	45.39 2.92 0.00	46.58 2.94 0.00	47.92 2.68 0.00	51.42 2.60 0.00	77.69 3.60 0.00	108.71 3.93 0.00	51.66 2.03 0.00	47.23 2.05 -0.01	43.58 2.00 0.00
BARRETT_IC_5 23708	35.88 2.00 -2.34	32.48 1.99 -0.48	35.10 1.89 0.00	36.76 1.83 0.00	38.73 1.80 0.00	47.24 1.74 0.00	64.41 2.06 0.00	50.58 2.10 0.00	44.13 2.23 0.00	41.00 2.32 0.00	50.64 2.62 -7.26	46.37 3.07 -0.24	47.35 2.88 0.00	45.78 2.82 0.00	45.57 2.84 0.00	45.39 2.92 0.00	46.58 2.94 0.00	47.92 2.68 0.00	51.42 2.60 0.00	77.69 3.60 0.00	108.71 3.93 0.00	51.66 2.03 0.00	47.23 2.05 -0.01	43.58 2.00 0.00

BARRETT_IC_6 23709	35.88 2.00 -2.34	32.48 1.99 -0.48	35.10 1.89 0.00	36.76 1.83 0.00	38.73 1.80 0.00	47.24 1.74 0.00	64.41 2.06 0.00	50.58 2.10 0.00	44.13 2.23 0.00	41.00 2.32 0.00	50.64 2.62 -7.26	46.37 3.07 -0.24	47.35 2.88 0.00	45.78 2.82 0.00	45.57 2.84 0.00	45.39 2.92 0.00	46.58 2.94 0.00	47.92 2.68 0.00	51.42 2.60 0.00	77.69 3.60 0.00	108.71 3.93 0.00	51.66 2.03 0.00	47.23 2.05 -0.01	43.58 2.00 0.00
BARRETT_IC_7 23710	35.88 2.00 -2.34	32.48 1.99 -0.48	35.10 1.89 0.00	36.76 1.83 0.00	38.73 1.80 0.00	47.24 1.74 0.00	64.41 2.06 0.00	50.56 2.09 0.00	44.13 2.24 0.00	41.00 2.32 0.00	50.63 2.61 -7.26	46.37 3.07 -0.24	47.35 2.88 0.00	45.78 2.82 0.00	45.57 2.83 0.00	45.39 2.92 0.00	46.58 2.94 0.00	47.92 2.68 0.00	51.42 2.60 0.00	77.68 3.59 0.00	108.70 3.92 0.00	51.66 2.03 0.00	47.22 2.04 0.00	43.58 2.01 0.00
BARRETT_IC_8 23711	35.88 2.00 -2.34	32.48 1.99 -0.48	35.10 1.89 0.00	36.76 1.83 0.00	38.73 1.80 0.00	47.24 1.74 0.00	64.41 2.06 0.00	50.58 2.10 0.00	44.13 2.23 0.00	41.00 2.32 0.00	50.64 2.62 -7.26	46.37 3.07 -0.24	47.35 2.88 0.00	45.78 2.82 0.00	45.57 2.84 0.00	45.39 2.92 0.00	46.58 2.94 0.00	47.92 2.68 0.00	51.42 2.60 0.00	77.69 3.60 0.00	108.71 3.93 0.00	51.66 2.03 0.00	47.23 2.05 -0.01	43.58 2.00 0.00
BARRETT_IC_9 23700	35.88 2.00 -2.34	32.48 1.99 -0.48	35.10 1.89 0.00	36.76 1.83 0.00	38.73 1.80 0.00	47.24 1.74 0.00	64.41 2.06 0.00	50.58 2.10 0.00	44.13 2.23 0.00	41.00 2.32 0.00	50.64 2.62 -7.26	46.37 3.07 -0.24	47.35 2.88 0.00	45.78 2.82 0.00	45.57 2.84 0.00	45.39 2.92 0.00	46.58 2.94 0.00	47.92 2.68 0.00	51.42 2.60 0.00	77.69 3.60 0.00	108.71 3.93 0.00	51.66 2.03 0.00	47.23 2.05 -0.01	43.58 2.00 0.00
BARRETT__1 23545	35.88 2.00 -2.34	32.48 1.99 -0.48	35.10 1.89 0.00	36.76 1.83 0.00	38.73 1.80 0.00	47.24 1.74 0.00	64.41 2.06 0.00	50.58 2.10 0.00	44.13 2.23 0.00	41.00 2.32 0.00	50.64 2.62 -7.26	46.37 3.07 -0.24	47.35 2.88 0.00	45.78 2.82 0.00	45.57 2.84 0.00	45.39 2.92 0.00	46.58 2.94 0.00	47.92 2.68 0.00	51.42 2.60 0.00	77.69 3.60 0.00	108.71 3.93 0.00	51.66 2.03 0.00	47.23 2.05 -0.01	43.58 2.00 0.00
BARRETT__2 23546	35.88 2.00 -2.34	32.48 1.99 -0.48	35.10 1.89 0.00	36.76 1.83 0.00	38.73 1.80 0.00	47.24 1.74 0.00	64.41 2.06 0.00	50.58 2.10 0.00	44.13 2.23 0.00	41.00 2.32 0.00	50.64 2.62 -7.26	46.37 3.07 -0.24	47.35 2.88 0.00	45.78 2.82 0.00	45.57 2.84 0.00	45.39 2.92 0.00	46.58 2.94 0.00	47.92 2.68 0.00	51.42 2.60 0.00	77.69 3.60 0.00	108.71 3.93 0.00	51.66 2.03 0.00	47.23 2.05 -0.01	43.58 2.00 0.00
BATAVIA__115KV_TB1 55881	31.29 -0.25 0.00	29.40 -0.62 0.00	32.60 -0.61 0.00	34.24 -0.69 0.00	36.23 -0.70 0.00	44.81 -0.69 0.00	61.54 -0.81 0.00	39.91 -1.02 7.54	40.77 -1.13 0.00	36.89 -1.79 0.00	38.64 -2.12 0.00	40.67 -2.39 0.00	42.49 -1.98 0.00	41.30 -1.67 0.00	40.98 -1.76 0.00	40.14 -2.32 0.00	40.79 -2.85 0.00	41.74 -3.30 0.20	45.96 -2.86 0.00	71.34 -2.75 0.00	101.76 -3.02 0.00	47.82 -1.82 0.00	43.44 -1.74 0.00	40.35 -1.23 0.00
BAYONEEC__CTG1 323682	33.35 1.81 0.00	31.74 1.73 0.00	34.87 1.66 0.00	36.59 1.65 0.00	38.57 1.64 0.00	47.46 1.96 0.00	65.23 2.88 0.00	51.07 2.59 0.00	44.49 2.59 0.00	41.29 2.60 0.00	43.45 2.69 0.00	45.99 2.93 0.00	47.45 2.98 0.00	45.66 2.69 0.00	45.42 2.68 0.00	45.24 2.77 0.00	46.51 2.88 0.00	48.08 2.84 0.00	51.51 2.69 0.00	78.00 3.91 0.00	110.04 5.26 0.00	52.03 2.39 0.00	47.49 2.32 0.00	43.49 1.92 0.00
BAYONEEC__CTG10 323750	33.35 1.81 0.00	31.74 1.73 0.00	34.87 1.66 0.00	36.59 1.65 0.00	38.57 1.64 0.00	47.46 1.96 0.00	65.23 2.88 0.00	51.07 2.59 0.00	44.49 2.59 0.00	41.29 2.60 0.00	43.45 2.69 0.00	45.99 2.93 0.00	47.45 2.98 0.00	45.66 2.69 0.00	45.42 2.68 0.00	45.24 2.77 0.00	46.51 2.88 0.00	48.08 2.84 0.00	51.51 2.69 0.00	78.00 3.91 0.00	110.04 5.26 0.00	52.03 2.39 0.00	47.49 2.32 0.00	43.49 1.92 0.00
BAYONEEC__CTG2 323683	33.35 1.81 0.00	31.74 1.73 0.00	34.87 1.66 0.00	36.59 1.65 0.00	38.57 1.64 0.00	47.46 1.96 0.00	65.23 2.88 0.00	51.07 2.59 0.00	44.49 2.59 0.00	41.29 2.60 0.00	43.45 2.69 0.00	45.99 2.93 0.00	47.45 2.98 0.00	45.66 2.69 0.00	45.42 2.68 0.00	45.24 2.77 0.00	46.51 2.88 0.00	48.08 2.84 0.00	51.51 2.69 0.00	78.00 3.91 0.00	110.04 5.26 0.00	52.03 2.39 0.00	47.49 2.32 0.00	43.49 1.92 0.00
BAYONEEC__CTG3 323684	33.35 1.81 0.00	31.74 1.73 0.00	34.87 1.66 0.00	36.59 1.65 0.00	38.57 1.64 0.00	47.46 1.96 0.00	65.23 2.88 0.00	51.07 2.59 0.00	44.49 2.59 0.00	41.29 2.60 0.00	43.45 2.69 0.00	45.99 2.93 0.00	47.45 2.98 0.00	45.66 2.69 0.00	45.42 2.68 0.00	45.24 2.77 0.00	46.51 2.88 0.00	48.08 2.84 0.00	51.51 2.69 0.00	78.00 3.91 0.00	110.04 5.26 0.00	52.03 2.39 0.00	47.49 2.32 0.00	43.49 1.92 0.00
BAYONEEC__CTG4 323685	33.35 1.81 0.00	31.74 1.73 0.00	34.87 1.66 0.00	36.59 1.65 0.00	38.57 1.64 0.00	47.46 1.96 0.00	65.23 2.88 0.00	51.07 2.59 0.00	44.49 2.59 0.00	41.29 2.60 0.00	43.45 2.69 0.00	45.99 2.93 0.00	47.45 2.98 0.00	45.66 2.69 0.00	45.42 2.68 0.00	45.24 2.77 0.00	46.51 2.88 0.00	48.08 2.84 0.00	51.51 2.69 0.00	78.00 3.91 0.00	110.04 5.26 0.00	52.03 2.39 0.00	47.49 2.32 0.00	43.49 1.92 0.00
BAYONEEC__CTG5 323686	33.35 1.81 0.00	31.74 1.73 0.00	34.87 1.66 0.00	36.59 1.65 0.00	38.57 1.64 0.00	47.46 1.96 0.00	65.23 2.88 0.00	51.07 2.59 0.00	44.49 2.59 0.00	41.29 2.60 0.00	43.45 2.69 0.00	45.99 2.93 0.00	47.45 2.98 0.00	45.66 2.69 0.00	45.42 2.68 0.00	45.24 2.77 0.00	46.51 2.88 0.00	48.08 2.84 0.00	51.51 2.69 0.00	78.00 3.91 0.00	110.04 5.26 0.00	52.03 2.39 0.00	47.49 2.32 0.00	43.49 1.92 0.00
BAYONEEC__CTG6 323687	33.35 1.81 0.00	31.74 1.73 0.00	34.87 1.66 0.00	36.59 1.65 0.00	38.57 1.64 0.00	47.46 1.96 0.00	65.23 2.88 0.00	51.07 2.59 0.00	44.49 2.59 0.00	41.29 2.60 0.00	43.45 2.69 0.00	45.99 2.93 0.00	47.45 2.98 0.00	45.66 2.69 0.00	45.42 2.68 0.00	45.24 2.77 0.00	46.51 2.88 0.00	48.08 2.84 0.00	51.51 2.69 0.00	78.00 3.91 0.00	110.04 5.26 0.00	52.03 2.39 0.00	47.49 2.32 0.00	43.49 1.92 0.00
BAYONEEC__CTG7 323688	33.35 1.81 0.00	31.74 1.73 0.00	34.87 1.66 0.00	36.59 1.65 0.00	38.57 1.64 0.00	47.46 1.96 0.00	65.23 2.88 0.00	51.07 2.59 0.00	44.49 2.59 0.00	41.29 2.60 0.00	43.45 2.69 0.00	45.99 2.93 0.00	47.45 2.98 0.00	45.66 2.69 0.00	45.42 2.68 0.00	45.24 2.77 0.00	46.51 2.88 0.00	48.08 2.84 0.00	51.51 2.69 0.00	78.00 3.91 0.00	110.04 5.26 0.00	52.03 2.39 0.00	47.49 2.32 0.00	43.49 1.92 0.00

BAYONEEC___CTG8 323689	33.35 1.81 0.00	31.74 1.73 0.00	34.87 1.66 0.00	36.59 1.65 0.00	38.57 1.64 0.00	47.46 1.96 0.00	65.23 2.88 0.00	51.07 2.59 0.00	44.49 2.59 0.00	41.29 2.60 0.00	43.45 2.69 0.00	45.99 2.93 0.00	47.45 2.98 0.00	45.66 2.69 0.00	45.42 2.68 0.00	45.24 2.77 0.00	46.51 2.88 0.00	48.08 2.84 0.00	51.51 2.69 0.00	78.00 3.91 0.00	110.04 5.26 0.00	52.03 2.39 0.00	47.49 2.32 0.00	43.49 1.92 0.00
BAYONEEC___CTG9 323749	33.35 1.81 0.00	31.74 1.73 0.00	34.87 1.66 0.00	36.59 1.65 0.00	38.57 1.64 0.00	47.46 1.96 0.00	65.23 2.88 0.00	51.07 2.59 0.00	44.49 2.59 0.00	41.29 2.60 0.00	43.45 2.69 0.00	45.99 2.93 0.00	47.45 2.98 0.00	45.66 2.69 0.00	45.42 2.68 0.00	45.24 2.77 0.00	46.51 2.88 0.00	48.08 2.84 0.00	51.51 2.69 0.00	78.00 3.91 0.00	110.04 5.26 0.00	52.03 2.39 0.00	47.49 2.32 0.00	43.49 1.92 0.00
BEACON___LESR 323632	32.47 0.93 0.00	31.07 1.05 0.00	34.38 1.16 0.00	36.14 1.20 0.00	38.17 1.23 0.00	46.86 1.36 0.00	64.16 1.81 0.00	50.24 1.76 0.00	43.39 1.50 0.00	40.15 1.46 0.00	42.18 1.42 0.00	44.59 1.53 0.00	46.06 1.58 0.00	44.37 1.41 0.00	44.14 1.40 0.00	43.92 1.45 0.00	45.11 1.48 0.00	46.81 1.57 0.00	50.50 1.68 0.00	76.51 2.42 0.00	107.87 3.09 0.00	51.13 1.49 0.00	46.45 1.27 0.00	42.69 1.12 0.00
BEAVER RIVER___HYD 24048	29.23 -2.31 0.00	27.80 -2.22 0.00	31.05 -2.17 0.00	33.30 -1.63 0.00	35.42 -1.51 0.00	43.74 -1.76 0.00	60.69 -1.66 0.00	46.94 -1.53 0.00	40.16 -1.74 0.00	36.61 -2.07 0.00	38.56 -2.20 0.00	40.61 -2.45 0.00	41.75 -2.72 0.00	40.62 -2.35 0.00	40.53 -2.21 0.00	40.25 -2.21 0.00	41.64 -2.00 0.00	43.28 -1.96 0.00	46.52 -2.30 0.00	72.54 -1.54 0.00	104.43 -0.35 0.00	49.39 -0.24 0.00	44.37 -0.81 0.00	40.94 -0.63 0.00
BEEBEE_GT_13 23619	31.65 0.10 0.00	29.87 -0.14 0.00	33.06 -0.15 0.00	34.73 -0.20 0.00	36.76 -0.18 0.00	45.41 -0.09 0.00	62.41 0.06 0.00	43.07 -0.20 5.21	41.64 -0.25 0.00	38.11 -0.57 0.00	39.96 -0.80 0.00	42.15 -0.91 0.00	43.84 -0.62 0.00	42.53 -0.44 0.00	42.19 -0.55 0.00	41.63 -0.83 0.00	42.55 -1.09 0.00	44.01 -1.23 0.00	47.88 -0.94 0.00	73.43 -0.65 0.00	104.13 -0.65 0.00	48.99 -0.65 0.00	44.47 -0.71 0.00	41.07 -0.50 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.74 2.20 0.00	32.02 2.01 0.00	35.18 1.97 0.00	36.90 1.97 0.00	38.91 1.98 0.00	47.88 2.38 0.00	65.69 3.34 0.00	51.62 3.15 0.00	45.05 3.16 0.00	41.76 3.08 0.00	43.94 3.18 0.00	46.51 3.45 0.00	47.98 3.51 0.00	46.16 3.20 0.00	45.94 3.20 0.00	45.77 3.30 0.00	46.99 3.35 0.00	48.54 3.30 0.00	51.91 3.09 0.00	78.70 4.61 0.00	111.07 6.29 0.00	52.54 2.91 0.00	48.03 2.86 0.00	43.99 2.42 0.00
BETHLEHEM___GRP 23843	31.98 0.44 0.00	30.61 0.60 0.00	33.85 0.64 0.00	35.59 0.66 0.00	37.60 0.66 0.00	46.09 0.59 0.00	63.00 0.65 0.00	49.32 0.84 0.00	42.63 0.73 0.00	39.43 0.74 0.00	41.40 0.64 0.00	43.76 0.70 0.00	45.17 0.70 0.00	43.54 0.57 0.00	43.35 0.61 0.00	43.17 0.70 0.00	44.30 0.65 0.00	45.93 0.69 0.00	49.51 0.69 0.00	75.00 0.91 0.00	105.77 0.99 0.00	50.19 0.55 0.00	45.65 0.48 0.00	41.97 0.40 0.00
BETHLEHEM___GS1 323560	31.98 0.44 0.00	30.61 0.59 0.00	33.85 0.64 0.00	35.59 0.66 0.00	37.60 0.66 0.00	46.09 0.59 0.00	63.00 0.65 0.00	49.33 0.85 0.00	42.63 0.73 0.00	39.43 0.74 0.00	41.40 0.64 0.00	43.76 0.70 0.00	45.17 0.70 0.00	43.54 0.57 0.00	43.35 0.61 0.00	43.17 0.70 0.00	44.30 0.65 0.00	45.93 0.69 0.00	49.51 0.69 0.00	75.00 0.91 0.00	105.77 0.99 0.00	50.19 0.55 0.00	45.65 0.48 0.00	41.97 0.40 0.00
BETHLEHEM___GS2 323561	31.98 0.44 0.00	30.61 0.59 0.00	33.85 0.64 0.00	35.59 0.66 0.00	37.60 0.66 0.00	46.09 0.59 0.00	63.00 0.65 0.00	49.33 0.85 0.00	42.63 0.73 0.00	39.43 0.74 0.00	41.40 0.64 0.00	43.76 0.70 0.00	45.17 0.70 0.00	43.54 0.57 0.00	43.35 0.61 0.00	43.17 0.70 0.00	44.30 0.65 0.00	45.93 0.69 0.00	49.51 0.69 0.00	75.00 0.91 0.00	105.77 0.99 0.00	50.19 0.55 0.00	45.65 0.48 0.00	41.97 0.40 0.00
BETHLEHEM___GS3 323562	31.98 0.44 0.00	30.61 0.59 0.00	33.85 0.64 0.00	35.59 0.66 0.00	37.60 0.66 0.00	46.09 0.59 0.00	63.00 0.65 0.00	49.33 0.85 0.00	42.63 0.73 0.00	39.43 0.74 0.00	41.40 0.64 0.00	43.76 0.70 0.00	45.17 0.70 0.00	43.54 0.57 0.00	43.35 0.61 0.00	43.17 0.70 0.00	44.30 0.65 0.00	45.93 0.69 0.00	49.51 0.69 0.00	75.00 0.91 0.00	105.77 0.99 0.00	50.19 0.55 0.00	45.65 0.48 0.00	41.97 0.40 0.00
BETHLEHEM___STEEL 23779	30.37 -1.17 0.00	28.43 -1.58 0.00	31.61 -1.60 0.00	33.22 -1.71 0.00	35.13 -1.80 0.00	43.42 -2.08 0.00	59.58 -2.77 0.00	35.79 -2.56 10.12	39.84 -2.07 0.00	36.31 -2.38 0.00	38.17 -2.59 0.00	40.28 -2.78 0.00	42.18 -2.28 0.00	40.94 -2.03 0.00	40.46 -2.28 0.00	39.55 -2.92 0.00	40.11 -3.53 0.00	40.73 -4.13 0.38	44.80 -4.02 0.00	69.24 -4.85 0.00	98.76 -6.02 0.00	46.31 -3.32 0.00	42.16 -3.02 0.00	39.25 -2.32 0.00
BETHLHEM_115KV_TB1 79974	32.04 0.49 0.00	30.66 0.64 0.00	33.91 0.70 0.00	35.65 0.72 0.00	37.65 0.72 0.00	46.18 0.69 0.00	63.13 0.79 0.00	49.41 0.94 0.00	42.71 0.81 0.00	39.51 0.82 0.00	41.49 0.74 0.00	43.87 0.81 0.00	45.28 0.81 0.00	43.64 0.68 0.00	43.46 0.72 0.00	43.27 0.80 0.00	44.42 0.78 0.00	46.03 0.79 0.00	49.62 0.80 0.00	75.18 1.10 0.00	106.04 1.26 0.00	50.31 0.67 0.00	45.77 0.60 0.00	42.08 0.50 0.00
BETHPAGE_CC_5 323564	36.36 2.23 -2.59	32.70 2.15 -0.53	35.24 2.03 0.00	36.90 1.97 0.00	38.89 1.95 0.00	47.45 1.95 0.00	64.83 2.49 0.00	51.02 2.55 0.00	44.52 2.63 0.00	41.21 2.53 0.00	51.65 2.86 -8.03	46.59 3.27 -0.26	47.55 3.08 0.00	46.01 3.04 0.00	45.81 3.07 0.00	45.62 3.15 0.00	46.79 3.15 0.00	48.00 2.76 0.00	51.51 2.69 0.00	78.05 3.96 0.00	109.32 4.55 0.00	51.84 2.20 0.00	47.29 2.11 0.00	43.75 2.18 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.40 -1.14 0.00	28.49 -1.52 0.00	31.68 -1.53 0.00	33.31 -1.62 0.00	35.23 -1.71 0.00	43.56 -1.94 0.00	59.83 -2.52 0.00	35.78 -2.33 10.37	40.04 -1.86 0.00	36.50 -2.18 0.00	38.32 -2.43 0.00	40.38 -2.68 0.00	42.26 -2.21 0.00	41.02 -1.94 0.00	40.54 -2.20 0.00	39.63 -2.84 0.00	40.18 -3.46 0.00	40.82 -4.04 0.37	44.90 -3.92 0.00	69.40 -4.69 0.00	99.01 -5.77 0.00	46.42 -3.21 0.00	42.25 -2.93 0.00	39.31 -2.26 0.00
BINGHAMTON___COGEN 23790	31.67 0.13 0.00	30.04 0.03 0.00	33.25 0.04 0.00	34.97 0.04 0.00	36.97 0.04 0.00	45.57 0.07 0.00	62.65 0.30 0.00	57.74 0.21 -9.06	42.17 0.28 0.00	38.80 0.12 0.00	40.67 -0.09 0.00	42.81 -0.25 0.00	44.33 -0.14 0.00	42.83 -0.13 0.00	42.58 -0.16 0.00	42.30 -0.17 0.00	43.45 -0.19 0.00	45.07 -0.17 0.00	48.76 -0.05 0.00	74.41 0.32 0.00	105.44 0.66 0.00	49.78 0.15 0.00	45.27 0.09 0.00	41.59 0.02 0.00

BIXINCNT_115KV_LOAD 355685	29.72 -1.82 0.00	28.02 -2.00 0.00	31.35 -1.87 0.00	33.09 -1.84 0.00	35.12 -1.82 0.00	43.70 -1.80 0.00	60.20 -2.15 0.00	35.64 -1.84 10.99	40.47 -1.43 0.00	36.87 -1.81 0.00	38.35 -2.41 0.00	40.64 -2.42 0.00	42.22 -2.25 0.00	41.05 -1.92 0.00	40.33 -2.41 0.00	39.41 -3.05 0.00	39.79 -3.85 0.00	40.56 -4.34 0.34	44.85 -3.97 0.00	69.90 -4.18 0.00	100.08 -4.70 0.00	47.05 -2.58 0.00	42.83 -2.35 0.00	39.74 -1.83 0.00
BLACK RIVER___HYD 24047	28.88 -2.66 0.00	27.43 -2.58 0.00	30.70 -2.51 0.00	33.02 -1.92 0.00	35.17 -1.76 0.00	43.43 -2.07 0.00	60.63 -1.72 0.00	46.76 -1.72 0.00	39.74 -2.16 0.00	36.16 -2.52 0.00	38.04 -2.72 0.00	40.10 -2.96 0.00	41.14 -3.33 0.00	40.16 -2.80 0.00	40.05 -2.69 0.00	39.71 -2.76 0.00	41.00 -2.63 0.00	42.48 -2.76 0.00	45.75 -3.07 0.00	72.35 -1.74 0.00	104.95 0.17 0.00	49.61 -0.03 0.00	44.43 -0.74 0.00	41.01 -0.56 0.00
BLACKRVR_115KV_TB2 79977	28.88 -2.67 0.00	27.43 -2.58 0.00	30.70 -2.51 0.00	33.02 -1.91 0.00	35.17 -1.76 0.00	43.43 -2.07 0.00	60.63 -1.72 0.00	46.75 -1.72 0.00	39.74 -2.16 0.00	36.16 -2.52 0.00	38.04 -2.72 0.00	40.10 -2.96 0.00	41.15 -3.32 0.00	40.16 -2.80 0.00	40.05 -2.69 0.00	39.71 -2.76 0.00	41.00 -2.64 0.00	42.48 -2.76 0.00	45.75 -3.07 0.00	72.34 -1.74 0.00	104.95 0.17 0.00	49.61 -0.03 0.00	44.44 -0.74 0.00	41.02 -0.56 0.00
BLDWN_LI_69_KV_BK4 356085	36.71 2.31 -2.86	32.83 2.22 -0.59	35.33 2.12 0.00	37.01 2.07 0.00	39.01 2.08 0.00	47.65 2.15 0.00	65.10 2.75 0.00	51.17 2.69 0.00	44.65 2.76 0.00	41.41 2.72 0.00	52.72 3.07 -8.89	46.80 3.46 -0.28	47.75 3.28 0.00	46.17 3.20 0.00	45.95 3.21 0.00	45.77 3.30 0.00	46.97 3.33 0.00	48.30 3.06 0.00	51.87 3.04 0.00	78.55 4.46 0.00	110.06 5.28 0.00	52.21 2.58 0.00	47.63 2.45 0.00	43.94 2.37 0.00
BLISS_WT_PWR 323608	29.45 -2.09 0.00	27.81 -2.21 0.00	31.17 -2.05 0.00	32.95 -1.98 0.00	35.00 -1.94 0.00	43.66 -1.84 0.00	60.15 -2.20 0.00	35.54 -1.95 10.99	40.47 -1.43 0.00	36.86 -1.82 0.00	38.26 -2.50 0.00	40.61 -2.45 0.00	42.09 -2.38 0.00	40.93 -2.04 0.00	40.14 -2.60 0.00	39.21 -3.26 0.00	39.53 -4.11 0.00	40.32 -4.58 0.34	44.65 -4.17 0.00	69.70 -4.39 0.00	99.94 -4.84 0.00	47.04 -2.59 0.00	42.81 -2.37 0.00	39.75 -1.82 0.00
BLUESTONE___WT_PWR 323821	31.73 0.19 0.00	29.84 -0.17 0.00	33.26 0.05 0.00	35.12 0.19 0.00	37.20 0.26 0.00	46.01 0.51 0.00	63.52 1.17 0.00	53.08 0.84 -3.77	42.96 1.06 0.00	39.74 1.06 0.00	41.59 0.83 0.00	43.80 0.74 0.00	45.46 0.99 0.00	43.93 0.97 0.00	43.63 0.89 0.00	43.56 1.09 0.00	44.90 1.26 0.00	46.56 1.32 0.00	50.75 1.92 0.00	77.50 3.41 0.00	109.90 5.12 0.00	52.14 2.51 0.00	47.48 2.30 0.00	43.52 1.95 0.00
BLUE_CIRC_CHEM_DRP 24182	32.32 0.78 0.00	30.95 0.94 0.00	34.28 1.06 0.00	36.05 1.11 0.00	38.07 1.13 0.00	46.77 1.28 0.00	63.90 1.55 0.00	49.89 1.42 0.00	43.13 1.23 0.00	39.86 1.18 0.00	41.87 1.11 0.00	44.23 1.17 0.00	45.68 1.21 0.00	44.05 1.09 0.00	43.86 1.12 0.00	43.58 1.11 0.00	44.70 1.06 0.00	46.38 1.15 0.00	50.11 1.28 0.00	76.04 1.95 0.00	107.34 2.56 0.00	50.88 1.25 0.00	46.30 1.12 0.00	42.57 0.99 0.00
BOC_GAS_DRP 24189	32.16 0.62 0.00	30.75 0.73 0.00	34.02 0.80 0.00	35.75 0.82 0.00	37.77 0.83 0.00	46.37 0.88 0.00	63.45 1.10 0.00	49.55 1.07 0.00	42.88 0.98 0.00	39.67 0.98 0.00	41.71 0.95 0.00	44.10 1.04 0.00	45.53 1.06 0.00	43.90 0.93 0.00	43.69 0.95 0.00	43.47 1.01 0.00	44.66 1.02 0.00	46.27 1.03 0.00	49.87 1.05 0.00	75.54 1.45 0.00	106.61 1.83 0.00	50.56 0.93 0.00	46.04 0.87 0.00	42.30 0.72 0.00
BOONVILLE_115KV_TB1 79983	31.12 -0.42 0.00	29.57 -0.44 0.00	32.89 -0.32 0.00	34.95 0.01 0.00	37.07 0.13 0.00	45.73 0.23 0.00	63.22 0.87 0.00	48.99 0.52 0.00	42.11 0.22 0.00	38.43 -0.25 0.00	40.30 -0.46 0.00	42.33 -0.73 0.00	43.64 -0.83 0.00	42.29 -0.67 0.00	42.12 -0.63 0.00	41.91 -0.56 0.00	43.40 -0.24 0.00	45.32 0.08 0.00	48.82 0.00 0.00	75.32 1.23 0.00	107.41 2.63 0.00	50.77 1.13 0.00	45.84 0.66 0.00	42.16 0.59 0.00
BORALEX_4TH_BRANCH 23824	32.99 1.45 0.00	31.65 1.64 0.00	35.08 1.87 0.00	36.88 1.94 0.00	38.93 1.99 0.00	47.74 2.24 0.00	64.79 2.44 0.00	50.64 2.16 0.00	43.72 1.82 0.00	40.60 1.92 0.00	42.70 1.94 0.00	45.24 2.18 0.00	46.73 2.26 0.00	45.00 2.04 0.00	44.85 2.11 0.00	44.61 2.14 0.00	45.79 2.15 0.00	47.38 2.14 0.00	51.09 2.27 0.00	77.39 3.31 0.00	108.93 4.15 0.00	51.83 2.19 0.00	47.11 1.93 0.00	43.33 1.76 0.00
BOWLINE___1 23526	33.05 1.51 0.00	31.47 1.46 0.00	34.65 1.44 0.00	36.37 1.43 0.00	38.34 1.40 0.00	47.20 1.69 0.00	64.89 2.54 0.00	50.73 2.25 0.00	44.00 2.10 0.00	40.77 2.09 0.00	42.90 2.14 0.00	45.47 2.41 0.00	46.93 2.46 0.00	45.17 2.21 0.00	44.94 2.20 0.00	44.76 2.29 0.00	46.05 2.41 0.00	47.63 2.39 0.00	51.14 2.32 0.00	77.61 3.53 0.00	109.53 4.75 0.00	51.81 2.17 0.00	47.20 2.03 0.00	43.21 1.64 0.00
BOWLINE___2 23595	33.05 1.51 0.00	31.47 1.46 0.00	34.65 1.44 0.00	36.37 1.43 0.00	38.34 1.40 0.00	47.20 1.69 0.00	64.88 2.53 0.00	50.73 2.25 0.00	44.00 2.10 0.00	40.77 2.09 0.00	42.90 2.14 0.00	45.47 2.41 0.00	46.93 2.46 0.00	45.16 2.20 0.00	44.94 2.20 0.00	44.76 2.29 0.00	46.05 2.41 0.00	47.63 2.39 0.00	51.14 2.31 0.00	77.61 3.53 0.00	109.53 4.75 0.00	51.80 2.17 0.00	47.20 2.03 0.00	43.20 1.63 0.00
BRADY___115KV_TB2 356060	31.37 -0.17 0.00	29.85 -0.16 0.00	33.10 -0.11 0.00	34.89 -0.05 0.00	36.96 0.02 0.00	45.64 0.14 0.00	62.55 0.20 0.00	48.40 -0.08 0.00	41.44 -0.46 0.00	38.18 -0.51 0.00	40.48 -0.27 0.00	42.80 -0.27 0.00	44.13 -0.34 0.00	42.73 -0.23 0.00	42.56 -0.18 0.00	42.27 -0.20 0.00	43.46 -0.18 0.00	45.15 -0.09 0.00	48.73 -0.09 0.00	74.43 0.34 0.00	106.08 1.30 0.00	50.28 0.64 0.00	45.48 0.30 0.00	41.96 0.39 0.00
BRANSCOMB___SOLAR 323811	32.71 1.17 0.00	31.30 1.29 0.00	34.67 1.46 0.00	36.44 1.51 0.00	38.51 1.58 0.00	47.38 1.88 0.00	64.80 2.45 0.00	50.56 2.08 0.00	43.62 1.73 0.00	40.32 1.64 0.00	42.36 1.60 0.00	44.73 1.67 0.00	46.13 1.65 0.00	44.28 1.31 0.00	44.06 1.32 0.00	43.67 1.20 0.00	45.03 1.39 0.00	46.78 1.54 0.00	50.66 1.84 0.00	76.94 2.86 0.00	108.52 3.74 0.00	51.48 1.84 0.00	46.86 1.68 0.00	42.96 1.39 0.00
BRDGHMPT_69_KV_BK1 55812	36.57 2.82 -2.21	33.26 2.79 -0.46	35.85 2.64 0.00	37.50 2.57 0.00	39.38 2.45 0.00	48.61 3.11 0.00	69.55 4.61 -2.59	53.36 4.29 -0.60	46.13 4.17 -0.06	43.33 3.97 -0.67	51.83 4.21 -6.86	48.24 4.91 -0.27	49.14 4.57 -0.09	47.57 4.61 0.00	47.38 4.64 0.00	47.15 4.68 0.00	48.37 4.63 -0.10	53.46 4.46 -3.77	57.83 4.58 -4.43	89.71 7.02 -8.60	124.70 8.27 -11.64	55.51 4.03 -1.84	48.82 3.43 -0.21	44.87 3.21 -0.09

BRENTWOD_69_KV_W. BRTWOOD 56703	36.16 2.37 -2.26	32.76 2.28 -0.46	35.36 2.15 0.00	37.02 2.09 0.00	38.99 2.06 0.00	47.48 1.98 0.00	67.35 2.64 -2.36	51.72 2.69 -0.55	44.74 2.79 -0.05	42.03 2.73 -0.62	50.84 3.08 -7.00	46.86 3.54 -0.27	47.67 3.11 -0.09	46.20 3.24 0.00	46.07 3.33 0.00	45.85 3.38 0.00	47.06 3.33 -0.10	51.72 3.03 -3.45	55.85 2.98 -4.05	86.36 4.41 -7.87	120.17 4.75 -10.65	53.74 2.42 -1.68	47.65 2.28 -0.19	43.98 2.33 -0.08
BRISTLHL_115KV_TB1 79998	30.59 -0.95 0.00	29.03 -0.98 0.00	32.08 -1.13 0.00	33.76 -1.17 0.00	35.72 -1.22 0.00	44.04 -1.47 0.00	60.44 -1.91 0.00	47.02 -1.45 0.00	40.62 -1.28 0.00	37.34 -1.35 0.00	39.17 -1.59 0.00	41.31 -1.75 0.00	42.71 -1.76 0.00	41.28 -1.68 0.00	41.07 -1.67 0.00	40.85 -1.62 0.00	41.96 -1.68 0.00	43.48 -1.75 0.00	47.05 -1.77 0.00	71.71 -2.37 0.00	101.57 -3.21 0.00	48.06 -1.57 0.00	43.68 -1.50 0.00	40.16 -1.41 0.00
BROOKHAVEN__DRP 24191	36.12 2.37 -2.21	32.78 2.31 -0.46	35.34 2.13 0.00	36.99 2.05 0.00	38.94 2.00 0.00	47.52 2.02 0.00	67.76 2.80 -2.61	51.91 2.83 -0.61	44.86 2.90 -0.06	42.15 2.79 -0.68	50.61 2.99 -6.86	46.96 3.63 -0.27	47.88 3.32 -0.09	46.33 3.36 0.00	46.18 3.44 0.00	45.94 3.48 0.00	47.16 3.42 -0.11	52.20 3.15 -3.81	56.42 3.13 -4.48	87.49 4.71 -8.69	121.61 5.06 -11.77	54.09 2.60 -1.86	47.64 2.25 -0.21	44.05 2.39 -0.09
BROOKLYN_NAVY_YARD 23515	33.23 1.69 0.00	31.65 1.64 0.00	34.76 1.55 0.00	36.46 1.53 0.00	38.43 1.50 0.00	47.32 1.82 0.00	65.02 2.67 0.00	50.90 2.42 0.00	44.36 2.47 0.00	41.17 2.49 0.00	43.33 2.57 0.00	45.87 2.81 0.00	47.34 2.87 0.00	45.53 2.56 0.00	45.28 2.54 0.00	45.11 2.65 0.00	46.40 2.76 0.00	47.95 2.72 0.00	51.39 2.57 0.00	77.84 3.75 0.00	109.85 5.07 0.00	51.92 2.28 0.00	47.39 2.22 0.00	43.36 1.79 0.00
BROOKLYN__ARMY_DRP 323595	33.59 2.05 0.00	31.90 1.88 0.00	35.05 1.84 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.38 3.03 0.00	51.37 2.89 0.00	44.82 2.92 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.82 0.00	78.26 4.18 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.80 2.62 0.00	43.78 2.22 0.00
BROOME_2_LFGE 323671	31.67 0.13 0.00	30.04 0.03 0.00	33.25 0.04 0.00	34.97 0.04 0.00	36.97 0.04 0.00	45.57 0.07 0.00	62.66 0.31 0.00	57.73 0.20 -9.06	42.17 0.27 0.00	38.80 0.11 0.00	40.66 -0.09 0.00	42.81 -0.25 0.00	44.33 -0.14 0.00	42.84 -0.13 0.00	42.58 -0.16 0.00	42.30 -0.17 0.00	43.45 -0.19 0.00	45.07 -0.17 0.00	48.77 -0.05 0.00	74.41 0.32 0.00	105.44 0.66 0.00	49.78 0.15 0.00	45.27 0.09 0.00	41.59 0.02 0.00
BROOME__LFGE 323600	31.67 0.13 0.00	30.04 0.03 0.00	33.25 0.04 0.00	34.97 0.04 0.00	36.97 0.04 0.00	45.57 0.07 0.00	62.66 0.31 0.00	57.73 0.20 -9.06	42.17 0.27 0.00	38.80 0.11 0.00	40.66 -0.09 0.00	42.81 -0.25 0.00	44.33 -0.14 0.00	42.84 -0.13 0.00	42.58 -0.16 0.00	42.30 -0.17 0.00	43.45 -0.19 0.00	45.07 -0.17 0.00	48.77 -0.05 0.00	74.41 0.32 0.00	105.44 0.66 0.00	49.78 0.15 0.00	45.27 0.09 0.00	41.59 0.02 0.00
BROWNFLS_115KV_TB_3_5 80003	29.42 -2.12 0.00	27.99 -2.02 0.00	31.18 -2.03 0.00	33.21 -1.72 0.00	35.26 -1.67 0.00	43.55 -1.95 0.00	60.10 -2.24 0.00	46.53 -1.95 0.00	39.87 -2.03 0.00	36.53 -2.15 0.00	38.59 -2.17 0.00	40.71 -2.35 0.00	41.89 -2.58 0.00	40.68 -2.28 0.00	40.65 -2.09 0.00	40.38 -2.09 0.00	41.67 -1.98 0.00	43.29 -1.95 0.00	46.61 -2.21 0.00	71.96 -2.13 0.00	103.07 -1.71 0.00	48.80 -0.84 0.00	43.96 -1.22 0.00	40.58 -0.99 0.00
BROWNSV1_27_KV_LOAD 356125	33.59 2.05 0.00	31.96 1.95 0.00	35.12 1.91 0.00	36.83 1.90 0.00	38.84 1.90 0.00	47.81 2.31 0.00	65.76 3.41 0.00	51.50 3.03 0.00	44.87 2.97 0.00	41.64 2.95 0.00	43.81 3.06 0.00	46.39 3.33 0.00	47.84 3.37 0.00	46.03 3.06 0.00	45.79 3.05 0.00	45.61 3.14 0.00	46.88 3.24 0.00	48.47 3.23 0.00	51.95 3.13 0.00	78.73 4.64 0.00	111.07 6.29 0.00	52.50 2.86 0.00	47.89 2.71 0.00	43.83 2.26 0.00
BURROWS__LYONSDAL 23803	30.62 -0.92 0.00	29.10 -0.92 0.00	32.41 -0.80 0.00	34.55 -0.38 0.00	36.69 -0.25 0.00	45.26 -0.24 0.00	62.62 0.27 0.00	48.52 0.05 0.00	41.69 -0.21 0.00	38.01 -0.67 0.00	39.90 -0.86 0.00	41.93 -1.13 0.00	43.21 -1.26 0.00	41.91 -1.05 0.00	41.76 -0.98 0.00	41.53 -0.93 0.00	43.02 -0.62 0.00	44.87 -0.36 0.00	48.29 -0.53 0.00	74.70 0.61 0.00	106.78 2.00 0.00	50.47 0.84 0.00	45.50 0.32 0.00	41.89 0.32 0.00
CAITHNESS_CC_1 323624	35.96 2.21 -2.21	32.63 2.16 -0.46	35.19 1.98 0.00	36.82 1.89 0.00	38.76 1.83 0.00	47.25 1.75 0.00	67.39 2.38 -2.66	51.59 2.49 -0.61	44.59 2.63 -0.06	41.94 2.56 -0.69	50.40 2.79 -6.86	46.69 3.36 -0.27	47.60 3.03 -0.10	46.05 3.09 0.00	45.91 3.17 0.00	45.69 3.22 0.00	46.90 3.15 -0.11	51.98 2.86 -3.88	56.16 2.78 -4.56	87.08 4.14 -8.85	121.17 4.41 -11.98	53.78 2.25 -1.89	47.41 2.02 -0.21	43.81 2.15 -0.09
CALPINE BETH_PAGE_GT4 24209	36.55 2.27 -2.73	32.77 2.20 -0.56	35.29 2.07 0.00	36.97 2.03 0.00	38.95 2.01 0.00	47.53 2.03 0.00	64.83 2.48 0.00	51.00 2.53 0.00	44.52 2.63 0.00	41.24 2.56 0.00	52.13 2.88 -8.49	46.62 3.28 -0.27	47.67 3.20 0.00	46.10 3.13 0.00	45.90 3.16 0.00	45.72 3.26 0.00	46.88 3.24 0.00	48.05 2.81 0.00	51.56 2.73 0.00	78.14 4.05 0.00	109.48 4.70 0.00	51.91 2.27 0.00	47.34 2.16 0.00	43.85 2.28 0.00
CALPINE_BETH_PAGE_GT_4 323586	36.55 2.28 -2.73	32.77 2.20 -0.56	35.29 2.08 0.00	36.97 2.03 0.00	38.95 2.01 0.00	47.53 2.03 0.00	64.83 2.48 0.00	51.01 2.53 0.00	44.52 2.62 0.00	41.25 2.56 0.00	52.14 2.89 -8.49	46.62 3.29 -0.27	47.66 3.19 0.00	46.10 3.13 0.00	45.90 3.16 0.00	45.72 3.25 0.00	46.87 3.24 0.00	48.05 2.81 0.00	51.56 2.74 0.00	78.14 4.05 0.00	109.48 4.70 0.00	51.91 2.27 0.00	47.35 2.17 0.00	43.84 2.27 0.00
CALPINE_BP_GT1 23823	36.55 2.28 -2.73	32.77 2.20 -0.56	35.29 2.08 0.00	36.97 2.03 0.00	38.95 2.01 0.00	47.53 2.03 0.00	64.83 2.48 0.00	51.01 2.53 0.00	44.52 2.62 0.00	41.25 2.56 0.00	52.14 2.89 -8.49	46.62 3.29 -0.27	47.66 3.19 0.00	46.10 3.13 0.00	45.90 3.16 0.00	45.72 3.25 0.00	46.87 3.24 0.00	48.05 2.81 0.00	51.56 2.74 0.00	78.14 4.05 0.00	109.48 4.70 0.00	51.91 2.27 0.00	47.35 2.17 0.00	43.84 2.27 0.00
CALSPAN__DRP 24200	30.37 -1.17 0.00	28.43 -1.58 0.00	31.61 -1.60 0.00	33.22 -1.71 0.00	35.13 -1.80 0.00	43.42 -2.08 0.00	59.58 -2.77 10.12	35.79 -2.56 0.00	39.84 -2.07 0.00	36.31 -2.38 0.00	38.17 -2.59 0.00	40.28 -2.78 0.00	42.18 -2.28 0.00	40.94 -2.03 0.00	40.46 -2.28 0.00	39.55 -2.92 0.00	40.11 -3.53 0.00	40.73 -4.13 0.38	44.80 -4.02 0.00	69.24 -4.85 0.00	98.76 -6.02 0.00	46.31 -3.32 0.00	42.16 -3.02 0.00	39.25 -2.32 0.00

CALVERTON___SOLAR 323806	36.21 2.46 -2.21	32.86 2.39 -0.46	35.43 2.22 0.00	37.08 2.15 0.00	39.02 2.09 0.00	47.67 2.17 0.00	68.00 3.04 -2.60	52.12 3.04 -0.60	45.03 3.08 -0.06	42.32 2.95 -0.68	50.75 3.13 -6.86	47.14 3.81 -0.27	48.04 3.48 -0.09	46.49 3.52 0.00	46.34 3.60 0.00	46.11 3.64 0.00	47.32 3.57 -0.10	52.35 3.32 -3.80	56.61 3.33 -4.46	87.78 5.03 -8.67	121.98 5.47 -11.73	54.29 2.80 -1.85	47.78 2.39 -0.21	44.18 2.52 -0.09
CANDIGU_WT_PWR 323617	29.45 -2.10 0.00	27.59 -2.42 0.00	30.77 -2.44 0.00	32.42 -2.51 0.00	34.34 -2.60 0.00	42.49 -3.01 0.00	59.00 -3.35 0.00	28.67 -2.94 16.86	38.95 -2.95 0.00	35.59 -3.10 0.00	37.66 -3.10 0.00	39.90 -3.16 0.00	41.85 -2.62 0.00	40.41 -2.55 0.00	39.72 -3.02 0.00	38.74 -3.72 0.00	39.32 -4.32 0.00	38.76 -4.94 1.54	43.92 -4.90 0.00	69.45 -4.63 0.00	100.77 -4.01 0.00	47.12 -2.52 0.00	42.82 -2.36 0.00	39.58 -1.99 0.00
CARR STREET_E_SYP 24060	31.16 -0.38 0.00	29.56 -0.45 0.00	32.68 -0.53 0.00	34.37 -0.56 0.00	36.38 -0.56 0.00	44.83 -0.67 0.00	61.56 -0.78 0.00	47.86 -0.61 0.00	41.39 -0.51 0.00	38.06 -0.62 0.00	39.91 -0.85 0.00	42.09 -0.97 0.00	43.55 -0.92 0.00	42.11 -0.86 0.00	41.87 -0.87 0.00	41.62 -0.85 0.00	42.75 -0.89 0.00	44.35 -0.88 0.00	47.96 -0.86 0.00	73.06 -1.02 0.00	103.41 -1.37 0.00	48.88 -0.76 0.00	44.44 -0.74 0.00	40.85 -0.72 0.00
CARTHAGE___PAPER 23857	29.08 -2.46 0.00	27.65 -2.37 0.00	30.91 -2.30 0.00	33.19 -1.74 0.00	35.33 -1.60 0.00	43.63 -1.87 0.00	60.70 -1.65 0.00	46.88 -1.60 0.00	39.99 -1.90 0.00	36.43 -2.26 0.00	38.36 -2.40 0.00	40.42 -2.64 0.00	41.51 -2.96 0.00	40.44 -2.52 0.00	40.34 -2.40 0.00	40.04 -2.43 0.00	41.38 -2.25 0.00	42.96 -2.28 0.00	46.21 -2.61 0.00	72.51 -1.58 0.00	104.73 -0.05 0.00	49.53 -0.11 0.00	44.43 -0.75 0.00	41.01 -0.56 0.00
CASSADAGA_WT_PWR 323784	30.21 -1.33 0.00	27.83 -2.18 0.00	31.14 -2.07 0.00	33.25 -1.68 0.00	35.13 -1.81 0.00	43.36 -2.14 0.00	59.74 -2.61 0.00	35.64 -2.04 10.80	40.68 -1.22 0.00	36.93 -1.75 0.00	38.89 -1.87 0.00	40.92 -2.14 0.00	42.55 -1.92 0.00	41.11 -1.85 0.00	40.10 -2.64 0.00	39.07 -3.40 0.00	39.65 -4.00 0.00	40.69 -4.19 0.36	45.12 -3.70 0.00	71.13 -2.95 0.00	101.65 -3.13 0.00	47.37 -2.27 0.00	43.07 -2.11 0.00	39.97 -1.61 0.00
CE_DUNWOOD___DRP 24194	33.20 1.66 0.00	31.62 1.61 0.00	34.79 1.58 0.00	36.50 1.57 0.00	38.49 1.55 0.00	47.35 1.85 0.00	65.07 2.72 0.00	50.91 2.43 0.00	44.26 2.36 0.00	41.04 2.35 0.00	43.19 2.43 0.00	45.74 2.69 0.00	47.20 2.73 0.00	45.43 2.46 0.00	45.20 2.46 0.00	45.01 2.55 0.00	46.30 2.66 0.00	47.87 2.63 0.00	51.36 2.54 0.00	77.85 3.76 0.00	109.82 5.04 0.00	51.96 2.32 0.00	47.37 2.19 0.00	43.38 1.81 0.00
CE_MILLWOOD___DRP 24193	33.14 1.60 0.00	31.56 1.55 0.00	34.73 1.52 0.00	36.45 1.52 0.00	38.43 1.49 0.00	47.29 1.79 0.00	64.97 2.62 0.00	50.83 2.35 0.00	44.16 2.26 0.00	40.94 2.26 0.00	43.09 2.33 0.00	45.64 2.58 0.00	47.10 2.63 0.00	45.33 2.36 0.00	45.10 2.35 0.00	44.92 2.45 0.00	46.19 2.55 0.00	47.77 2.53 0.00	51.27 2.45 0.00	77.74 3.65 0.00	109.70 4.92 0.00	51.88 2.25 0.00	47.29 2.12 0.00	43.31 1.74 0.00
CE_NYC2_DRP 24202	33.45 1.91 0.00	31.82 1.81 0.00	34.94 1.74 0.00	36.65 1.72 0.00	38.65 1.71 0.00	47.52 2.02 0.00	65.23 2.88 0.00	51.15 2.67 0.00	44.67 2.77 0.00	41.43 2.75 0.00	43.59 2.83 0.00	46.11 3.05 0.00	47.54 3.07 0.00	45.77 2.80 0.00	45.52 2.78 0.00	45.35 2.89 0.00	46.60 2.96 0.00	48.16 2.92 0.00	51.56 2.74 0.00	78.06 3.98 0.00	110.14 5.36 0.00	52.08 2.44 0.00	47.56 2.38 0.00	43.56 1.99 0.00
CE_NYC_DRP 24195	33.38 1.84 0.00	31.77 1.76 0.00	34.92 1.71 0.00	36.63 1.69 0.00	38.62 1.68 0.00	47.52 2.02 0.00	65.32 2.97 0.00	51.15 2.67 0.00	44.56 2.67 0.00	41.35 2.67 0.00	43.53 2.77 0.00	46.08 3.03 0.00	47.54 3.07 0.00	45.74 2.78 0.00	45.51 2.77 0.00	45.33 2.86 0.00	46.61 2.97 0.00	48.17 2.93 0.00	51.62 2.79 0.00	78.17 4.08 0.00	110.28 5.50 0.00	52.13 2.49 0.00	47.57 2.39 0.00	43.55 1.98 0.00
CHAFFEE___LFGE 323603	30.36 -1.18 0.00	28.43 -1.58 0.00	31.61 -1.60 0.00	33.22 -1.72 0.00	35.12 -1.81 0.00	43.41 -2.09 0.00	59.59 -2.76 0.00	35.36 -2.58 10.53	39.87 -2.03 0.00	36.33 -2.36 0.00	38.17 -2.59 0.00	40.26 -2.80 0.00	42.19 -2.28 0.00	40.95 -2.02 0.00	40.47 -2.27 0.00	39.57 -2.90 0.00	40.13 -3.51 0.00	40.78 -4.10 0.36	44.81 -4.00 0.00	69.22 -4.86 0.00	98.83 -5.95 0.00	46.33 -3.31 0.00	42.14 -3.03 0.00	39.23 -2.34 0.00
CHATEAUG_35_KV_LOAD 355732	31.06 -0.48 0.00	29.71 -0.30 0.00	33.05 -0.16 0.00	34.85 -0.08 0.00	36.82 -0.11 0.00	45.52 0.02 0.00	62.32 -0.03 0.00	48.32 -0.15 0.00	41.64 -0.26 0.00	38.61 -0.08 0.00	40.88 0.12 0.00	43.20 0.14 0.00	44.59 0.12 0.00	43.13 0.17 0.00	42.94 0.20 0.00	42.70 0.24 0.00	43.85 0.21 0.00	45.43 0.19 0.00	49.10 0.28 0.00	74.34 0.25 0.00	105.33 0.55 0.00	50.04 0.41 0.00	45.53 0.35 0.00	41.90 0.32 0.00
CHATEAUG_WT_PWR 323614	31.05 -0.49 0.00	29.71 -0.31 0.00	33.03 -0.19 0.00	34.80 -0.13 0.00	36.80 -0.14 0.00	45.46 -0.04 0.00	62.23 -0.12 0.00	48.23 -0.24 0.00	41.62 -0.28 0.00	38.61 -0.08 0.00	40.87 0.11 0.00	43.20 0.14 0.00	44.59 0.12 0.00	43.14 0.17 0.00	42.94 0.20 0.00	42.71 0.24 0.00	43.86 0.22 0.00	45.44 0.20 0.00	49.08 0.25 0.00	74.23 0.14 0.00	105.06 0.28 0.00	49.95 0.31 0.00	45.47 0.29 0.00	41.87 0.30 0.00
CHAT_HIGH_FALL_HYD 323578	31.06 -0.48 0.00	29.71 -0.30 0.00	33.05 -0.16 0.00	34.85 -0.08 0.00	36.82 -0.11 0.00	45.52 0.02 0.00	62.32 -0.03 0.00	48.32 -0.15 0.00	41.64 -0.26 0.00	38.61 -0.08 0.00	40.88 0.12 0.00	43.20 0.14 0.00	44.59 0.12 0.00	43.13 0.17 0.00	42.94 0.20 0.00	42.70 0.24 0.00	43.85 0.21 0.00	45.43 0.19 0.00	49.10 0.28 0.00	74.34 0.25 0.00	105.33 0.55 0.00	50.04 0.41 0.00	45.53 0.35 0.00	41.90 0.32 0.00
CHAUTAUQUA___LFGE 323629	30.39 -1.15 0.00	28.22 -1.80 0.00	31.47 -1.75 0.00	33.26 -1.67 0.00	35.18 -1.76 0.00	43.48 -2.02 0.00	59.92 -2.43 0.00	35.67 -2.24 10.56	40.38 -1.52 0.00	36.67 -2.01 0.00	38.57 -2.19 0.00	40.66 -2.40 0.00	42.47 -2.00 0.00	41.16 -1.81 0.00	40.45 -2.29 0.00	39.50 -2.96 0.00	40.05 -3.58 0.00	40.87 -4.00 0.37	45.11 -3.71 0.00	70.50 -3.59 0.00	100.93 -3.86 0.00	47.10 -2.54 0.00	42.82 -2.36 0.00	39.71 -1.86 0.00
CHERRYST_13_KV_LD 356241	33.45 1.92 0.00	31.84 1.83 0.00	34.99 1.78 0.00	36.71 1.78 0.00	38.71 1.78 0.00	47.64 2.14 0.00	65.51 3.16 0.00	51.30 2.83 0.00	44.72 2.82 0.00	41.50 2.81 0.00	43.67 2.91 0.00	46.23 3.17 0.00	47.71 3.23 0.00	45.90 2.93 0.00	45.67 2.93 0.00	45.49 3.02 0.00	46.77 3.12 0.00	48.32 3.09 0.00	51.76 2.94 0.00	78.41 4.32 0.00	110.60 5.82 0.00	52.27 2.64 0.00	47.68 2.50 0.00	43.66 2.08 0.00

CHESTROR_138KV_BK263 355645	33.02 1.48 0.00	31.43 1.42 0.00	34.63 1.42 0.00	36.36 1.43 0.00	38.35 1.41 0.00	47.20 1.69 0.00	64.89 2.54 0.00	51.80 2.22 -1.11	43.97 2.07 0.00	40.73 2.05 0.00	42.86 2.10 0.00	45.40 2.34 0.00	46.86 2.39 0.00	45.10 2.14 0.00	44.86 2.12 0.00	44.68 2.21 0.00	45.97 2.33 0.00	47.56 2.32 0.00	51.09 2.27 0.00	77.55 3.46 0.00	109.50 4.72 0.00	51.81 2.17 0.00	47.21 2.03 0.00	43.22 1.65 0.00
CH_MIDHUDSON__DRP 24192	33.13 1.60 0.00	31.57 1.55 0.00	34.79 1.58 0.00	36.52 1.59 0.00	38.53 1.59 0.00	47.40 1.91 0.00	65.09 2.74 0.00	50.90 2.43 0.00	44.19 2.29 0.00	40.96 2.27 0.00	43.09 2.33 0.00	45.63 2.57 0.00	47.11 2.64 0.00	45.33 2.37 0.00	45.09 2.35 0.00	44.92 2.45 0.00	46.19 2.56 0.00	47.80 2.56 0.00	51.36 2.54 0.00	77.88 3.79 0.00	109.91 5.13 0.00	52.00 2.36 0.00	47.36 2.18 0.00	43.37 1.80 0.00
CH_MISC_IPPS 23765	33.36 1.82 0.00	31.76 1.75 0.00	34.99 1.78 0.00	36.74 1.81 0.00	38.75 1.82 0.00	47.68 2.18 0.00	65.52 3.17 0.00	51.26 2.78 0.00	44.49 2.59 0.00	41.23 2.55 0.00	43.38 2.62 0.00	45.94 2.89 0.00	47.42 2.95 0.00	45.63 2.66 0.00	45.36 2.62 0.00	45.19 2.72 0.00	46.49 2.85 0.00	48.10 2.87 0.00	51.70 2.88 0.00	78.42 4.34 0.00	110.73 5.95 0.00	52.37 2.74 0.00	47.68 2.50 0.00	43.64 2.06 0.00
CH_RES_BVR_FALLS 23983	31.32 -0.22 0.00	29.81 -0.21 0.00	32.99 -0.21 0.00	34.74 -0.19 0.00	36.75 -0.19 0.00	45.33 -0.17 0.00	62.11 -0.24 0.00	48.30 -0.18 0.00	41.73 -0.16 0.00	38.57 -0.11 0.00	40.71 -0.05 0.00	43.03 -0.03 0.00	44.43 -0.04 0.00	42.94 -0.03 0.00	42.72 -0.02 0.00	42.43 -0.03 0.00	43.60 -0.04 0.00	45.20 -0.05 0.00	48.77 -0.05 0.00	74.00 -0.09 0.00	104.70 -0.08 0.00	49.61 -0.02 0.00	45.13 -0.05 0.00	41.55 -0.02 0.00
CH_RES_NIAGARA 23895	29.90 -1.64 0.00	28.05 -1.96 0.00	31.16 -2.05 0.00	32.69 -2.24 0.00	34.55 -2.39 0.00	42.61 -2.89 0.00	58.19 -4.16 9.00	35.64 -3.84 0.00	38.63 -3.27 0.00	35.30 -3.39 0.00	37.10 -3.66 0.00	39.12 -3.95 0.00	41.01 -3.46 0.00	39.98 -2.98 0.00	39.68 -3.06 0.00	38.79 -3.68 0.00	39.29 -4.35 0.00	39.81 -5.13 0.30	43.46 -5.36 0.00	66.65 -7.44 0.00	94.66 -10.12 0.00	44.54 -5.09 0.00	40.70 -4.48 0.00	38.25 -3.32 0.00
CH_RES_SYRACUSE 23985	31.26 -0.29 0.00	29.67 -0.35 0.00	32.80 -0.41 0.00	34.50 -0.43 0.00	36.52 -0.42 0.00	45.02 -0.48 0.00	61.84 -0.51 0.00	46.65 -0.41 1.41	41.53 -0.36 0.00	38.18 -0.51 0.00	39.97 -0.79 0.00	42.13 -0.93 0.00	43.58 -0.89 0.00	42.11 -0.85 0.00	41.90 -0.84 0.00	41.68 -0.79 0.00	42.81 -0.83 0.00	44.44 -0.80 0.00	48.07 -0.75 0.00	73.34 -0.75 0.00	103.86 -0.91 0.00	49.09 -0.54 0.00	44.63 -0.55 0.00	41.02 -0.55 0.00
CLINTON_WT_PWR 323605	31.05 -0.49 0.00	29.71 -0.31 0.00	33.03 -0.19 0.00	34.80 -0.13 0.00	36.80 -0.14 0.00	45.46 -0.04 0.00	62.23 -0.12 0.00	48.23 -0.24 0.00	41.62 -0.28 0.00	38.61 -0.08 0.00	40.87 0.11 0.00	43.20 0.14 0.00	44.59 0.12 0.00	43.14 0.17 0.00	42.94 0.20 0.00	42.71 0.24 0.00	43.86 0.22 0.00	45.44 0.20 0.00	49.08 0.25 0.00	74.23 0.14 0.00	105.06 0.28 0.00	49.95 0.31 0.00	45.47 0.29 0.00	41.87 0.30 0.00
CLINTON__LFGE 323618	31.29 -0.25 0.00	29.96 -0.06 0.00	33.29 0.08 0.00	35.05 0.12 0.00	37.07 0.13 0.00	45.79 0.29 0.00	62.63 0.28 0.00	48.53 0.06 0.00	41.83 -0.06 0.00	38.85 0.16 0.00	41.04 0.28 0.00	43.36 0.29 0.00	44.72 0.25 0.00	43.25 0.29 0.00	43.08 0.34 0.00	42.97 0.50 0.00	44.15 0.51 0.00	45.67 0.43 0.00	49.44 0.61 0.00	74.74 0.65 0.00	105.87 1.08 0.00	50.42 0.79 0.00	45.94 0.76 0.00	42.32 0.75 0.00
COBBLENY_34_KV_TB1 80064	30.36 -1.18 0.00	28.43 -1.58 0.00	31.61 -1.60 0.00	33.22 -1.71 0.00	35.13 -1.81 0.00	43.39 -2.11 0.00	59.58 -2.77 0.00	35.42 -2.52 10.53	39.88 -2.02 0.00	36.33 -2.36 0.00	38.17 -2.58 0.00	40.26 -2.80 0.00	42.19 -2.28 0.00	40.95 -2.01 0.00	40.47 -2.27 0.00	39.56 -2.91 0.00	40.13 -3.51 0.00	40.77 -4.11 0.36	44.83 -3.99 0.00	69.26 -4.83 0.00	98.84 -5.95 0.00	46.33 -3.30 0.00	42.17 -3.01 0.00	39.23 -2.34 0.00
COFFEEN__115KV_TB3 355620	29.07 -2.47 0.00	27.60 -2.41 0.00	30.88 -2.34 0.00	33.20 -1.74 0.00	35.37 -1.57 0.00	43.66 -1.84 0.00	61.01 -1.34 0.00	46.98 -1.50 0.00	39.81 -2.09 0.00	36.17 -2.52 0.00	38.00 -2.75 0.00	40.10 -2.96 0.00	41.10 -3.37 0.00	40.17 -2.80 0.00	40.06 -2.68 0.00	39.72 -2.75 0.00	40.99 -2.64 0.00	42.44 -2.80 0.00	45.80 -3.02 0.00	72.70 -1.38 0.00	105.63 0.85 0.00	49.92 0.28 0.00	44.70 -0.48 0.00	41.21 -0.36 0.00
COLDSRPG_115KV_BK1 355956	30.80 -0.74 0.00	28.70 -1.31 0.00	31.98 -1.23 0.00	33.81 -1.12 0.00	35.74 -1.20 0.00	44.18 -1.32 0.00	60.93 -1.42 0.00	36.19 -1.12 11.16	41.06 -0.83 0.00	37.32 -1.36 0.00	39.13 -1.62 0.00	41.28 -1.78 0.00	43.22 -1.25 0.00	41.90 -1.07 0.00	41.19 -1.56 0.00	40.30 -2.17 0.00	40.93 -2.71 0.00	41.85 -3.05 0.34	46.05 -2.77 0.00	71.98 -2.11 0.00	102.81 -1.97 0.00	47.94 -1.69 0.00	43.53 -1.65 0.00	40.25 -1.32 0.00
COLONIE_LFGE__ 323577	32.52 0.98 0.00	31.12 1.11 0.00	34.44 1.23 0.00	36.20 1.27 0.00	38.24 1.31 0.00	46.98 1.48 0.00	64.14 1.79 0.00	50.12 1.65 0.00	43.30 1.40 0.00	40.07 1.39 0.00	42.13 1.37 0.00	44.56 1.50 0.00	45.99 1.51 0.00	44.26 1.30 0.00	44.07 1.33 0.00	43.80 1.33 0.00	45.06 1.42 0.00	46.69 1.45 0.00	50.43 1.61 0.00	76.45 2.36 0.00	107.76 2.98 0.00	51.17 1.53 0.00	46.53 1.35 0.00	42.73 1.16 0.00
COOPERNY_115KV_TB1 80082	32.79 1.25 0.00	31.21 1.19 0.00	34.45 1.24 0.00	36.18 1.25 0.00	38.19 1.25 0.00	46.99 1.49 0.00	64.53 2.18 0.00	52.01 1.87 -1.66	43.65 1.75 0.00	40.40 1.72 0.00	42.48 1.72 0.00	44.97 1.91 0.00	46.43 1.96 0.00	44.69 1.73 0.00	44.47 1.73 0.00	44.28 1.81 0.00	45.58 1.94 0.00	47.17 1.93 0.00	50.75 1.93 0.00	77.01 2.93 0.00	108.73 3.95 0.00	51.51 1.88 0.00	46.93 1.75 0.00	43.01 1.44 0.00
COPENHAGEN_WT_PWR 323753	28.56 -2.98 0.00	27.14 -2.87 0.00	30.44 -2.77 0.00	32.80 -2.13 0.00	34.95 -1.99 0.00	43.15 -2.35 0.00	60.30 -2.05 0.00	46.52 -1.96 0.00	39.64 -2.26 0.00	36.13 -2.56 0.00	38.04 -2.72 0.00	40.10 -2.96 0.00	41.14 -3.33 0.00	40.17 -2.79 0.00	40.04 -2.70 0.00	39.64 -2.83 0.00	40.92 -2.72 0.00	42.39 -2.86 0.00	45.53 -3.29 0.00	72.07 -2.02 0.00	104.61 -0.18 0.00	49.43 -0.20 0.00	44.25 -0.93 0.00	40.92 -0.65 0.00
CORNELL____ 23752	31.84 0.30 0.00	30.17 0.15 0.00	33.38 0.17 0.00	35.12 0.18 0.00	37.17 0.24 0.00	45.88 0.38 0.00	63.20 0.85 0.00	45.11 0.69 4.06	42.47 0.57 0.00	38.98 0.30 0.00	40.52 -0.24 0.00	42.39 -0.67 0.00	43.90 -0.57 0.00	42.41 -0.56 0.00	42.14 -0.60 0.00	42.00 -0.47 0.00	43.14 -0.50 0.00	45.21 -0.16 0.18	49.00 0.18 0.00	75.12 1.04 0.00	106.58 1.80 0.00	50.31 0.68 0.00	45.70 0.53 0.00	41.96 0.39 0.00

CORONA_69_KV_TB1 355595	38.35 2.25 -4.56	33.12 2.17 -0.94	35.30 2.09 0.00	36.98 2.05 0.00	38.97 2.03 0.00	47.65 2.15 0.00	65.22 2.87 0.00	51.20 2.73 0.00	44.65 2.76 0.00	41.43 2.75 0.00	57.96 3.05 -14.16	46.87 3.40 -0.40	47.73 3.26 0.00	46.11 3.15 0.00	45.88 3.14 0.00	45.71 3.24 0.00	46.91 3.27 0.00	48.33 3.09 0.00	51.86 3.04 0.00	78.53 4.44 0.00	110.22 5.45 0.00	52.26 2.62 0.00	47.65 2.47 0.00	43.90 2.33 0.00
CORTLAND_115KV_TB3 80093	31.75 0.21 0.00	30.13 0.12 0.00	33.34 0.13 0.00	35.07 0.14 0.00	37.11 0.18 0.00	45.76 0.27 0.00	62.94 0.59 0.00	48.95 0.48 0.00	42.32 0.42 0.00	38.87 0.19 0.00	40.60 -0.15 0.00	42.66 -0.40 0.00	44.13 -0.34 0.00	42.63 -0.34 0.00	42.41 -0.33 0.00	42.19 -0.28 0.00	43.41 -0.23 0.00	45.26 -0.02 -0.04	48.98 0.16 0.00	74.78 0.69 0.00	105.95 1.17 0.00	50.07 0.43 0.00	45.49 0.32 0.00	41.78 0.21 0.00
COXSACKIE___GT 23611	33.22 1.68 0.00	31.80 1.79 0.00	35.23 2.02 0.00	37.05 2.12 0.00	39.17 2.24 0.00	48.23 2.73 0.00	66.26 3.91 0.00	52.06 3.58 0.00	44.95 3.05 0.00	41.45 2.77 0.00	43.38 2.62 0.00	45.69 2.63 0.00	47.12 2.65 0.00	45.37 2.41 0.00	45.10 2.36 0.00	44.80 2.33 0.00	45.83 2.19 0.00	47.58 2.34 0.00	51.41 2.59 0.00	78.81 4.73 0.00	111.50 6.72 0.00	52.72 3.09 0.00	47.81 2.63 0.00	43.83 2.26 0.00
CPV_VALLEY___CC1 323721	32.69 1.15 0.00	31.12 1.10 0.00	34.34 1.13 0.00	36.07 1.14 0.00	38.08 1.14 0.00	46.85 1.35 0.00	64.33 1.98 0.00	51.73 1.73 -1.52	43.52 1.63 0.00	40.27 1.58 0.00	42.35 1.59 0.00	44.81 1.75 0.00	46.28 1.81 0.00	44.57 1.60 0.00	44.33 1.59 0.00	44.14 1.67 0.00	45.41 1.78 0.00	47.00 1.76 0.00	50.58 1.76 0.00	76.75 2.67 0.00	108.40 3.62 0.00	51.33 1.69 0.00	46.76 1.58 0.00	42.85 1.28 0.00
CPV_VALLEY___CC2 323722	32.69 1.15 0.00	31.12 1.10 0.00	34.34 1.13 0.00	36.07 1.14 0.00	38.08 1.14 0.00	46.85 1.35 0.00	64.33 1.98 0.00	51.73 1.73 -1.52	43.52 1.63 0.00	40.27 1.58 0.00	42.35 1.59 0.00	44.81 1.75 0.00	46.28 1.81 0.00	44.57 1.60 0.00	44.33 1.59 0.00	44.14 1.67 0.00	45.41 1.78 0.00	47.00 1.76 0.00	50.58 1.76 0.00	76.75 2.67 0.00	108.40 3.62 0.00	51.33 1.69 0.00	46.76 1.58 0.00	42.85 1.28 0.00
CRESCENT___HYD 24018	32.52 0.98 0.00	31.12 1.11 0.00	34.44 1.23 0.00	36.20 1.27 0.00	38.24 1.31 0.00	46.98 1.48 0.00	64.14 1.79 0.00	50.12 1.65 0.00	43.30 1.40 0.00	40.07 1.39 0.00	42.13 1.37 0.00	44.56 1.50 0.00	45.99 1.51 0.00	44.26 1.30 0.00	44.07 1.33 0.00	43.80 1.33 0.00	45.06 1.42 0.00	46.69 1.45 0.00	50.43 1.61 0.00	76.45 2.36 0.00	107.76 2.98 0.00	51.17 1.53 0.00	46.53 1.35 0.00	42.73 1.16 0.00
CRICKET___VALLEY_CC1 323756	32.74 1.19 0.00	31.23 1.22 0.00	34.44 1.22 0.00	36.15 1.21 0.00	38.13 1.19 0.00	46.91 1.41 0.00	64.35 2.00 0.00	50.38 1.90 0.00	43.72 1.82 0.00	40.52 1.83 0.00	42.61 1.86 0.00	45.13 2.07 0.00	46.59 2.12 0.00	44.87 1.90 0.00	44.65 1.91 0.00	44.47 2.00 0.00	45.73 2.09 0.00	47.34 2.10 0.00	50.85 2.03 0.00	77.09 3.01 0.00	108.76 3.98 0.00	51.47 1.84 0.00	46.89 1.71 0.00	42.92 1.35 0.00
CRICKET___VALLEY_CC2 323757	32.74 1.19 0.00	31.23 1.22 0.00	34.44 1.22 0.00	36.15 1.21 0.00	38.13 1.19 0.00	46.91 1.41 0.00	64.35 2.00 0.00	50.38 1.90 0.00	43.72 1.82 0.00	40.52 1.83 0.00	42.61 1.86 0.00	45.13 2.07 0.00	46.59 2.12 0.00	44.87 1.90 0.00	44.65 1.91 0.00	44.47 2.00 0.00	45.73 2.09 0.00	47.34 2.10 0.00	50.85 2.03 0.00	77.09 3.01 0.00	108.76 3.98 0.00	51.47 1.84 0.00	46.89 1.71 0.00	42.92 1.35 0.00
CRICKET___VALLEY_CC3 323758	32.74 1.19 0.00	31.23 1.22 0.00	34.44 1.22 0.00	36.15 1.21 0.00	38.13 1.19 0.00	46.91 1.41 0.00	64.35 2.00 0.00	50.38 1.90 0.00	43.72 1.82 0.00	40.52 1.83 0.00	42.61 1.86 0.00	45.13 2.07 0.00	46.59 2.12 0.00	44.87 1.90 0.00	44.65 1.91 0.00	44.47 2.00 0.00	45.73 2.09 0.00	47.34 2.10 0.00	50.85 2.03 0.00	77.09 3.01 0.00	108.76 3.98 0.00	51.47 1.84 0.00	46.89 1.71 0.00	42.92 1.35 0.00
CRUCIBLE_METL_DRP 24180	31.26 -0.28 0.00	29.67 -0.35 0.00	32.80 -0.41 0.00	34.50 -0.43 0.00	36.52 -0.42 0.00	45.01 -0.48 0.00	61.84 -0.51 0.00	46.66 -0.41 1.41	41.53 -0.37 0.00	38.18 -0.51 0.00	39.97 -0.79 0.00	42.13 -0.93 0.00	43.58 -0.89 0.00	42.11 -0.85 0.00	41.90 -0.84 0.00	41.68 -0.79 0.00	42.81 -0.82 0.00	44.44 -0.79 0.00	48.08 -0.74 0.00	73.34 -0.75 0.00	103.87 -0.91 0.00	49.09 -0.54 0.00	44.62 -0.56 0.00	41.02 -0.56 0.00
DAHOWA___HYDRO 323763	32.75 1.21 0.00	31.36 1.34 0.00	34.75 1.53 0.00	36.53 1.60 0.00	38.60 1.66 0.00	47.52 2.02 0.00	65.00 2.65 0.00	50.69 2.22 0.00	43.73 1.83 0.00	40.42 1.73 0.00	42.44 1.67 0.00	44.80 1.74 0.00	46.19 1.71 0.00	44.31 1.34 0.00	44.09 1.35 0.00	43.66 1.19 0.00	45.06 1.42 0.00	46.83 1.59 0.00	50.73 1.90 0.00	77.08 2.99 0.00	108.69 3.91 0.00	51.56 1.92 0.00	46.93 1.75 0.00	43.01 1.44 0.00
DANC___LFGE 323619	28.87 -2.67 0.00	27.43 -2.58 0.00	30.66 -2.55 0.00	32.88 -2.05 0.00	34.99 -1.95 0.00	43.12 -2.37 0.00	60.02 -2.33 0.00	46.37 -2.10 0.00	39.62 -2.28 0.00	36.19 -2.50 0.00	38.10 -2.66 0.00	40.17 -2.89 0.00	41.28 -3.19 0.00	40.21 -2.75 0.00	40.02 -2.72 0.00	39.65 -2.82 0.00	40.85 -2.79 0.00	42.32 -2.92 0.00	45.58 -3.24 0.00	71.69 -2.40 0.00	103.63 -1.15 0.00	49.06 -0.58 0.00	44.09 -1.09 0.00	40.70 -0.87 0.00
DANSKAMMER___1 23586	33.36 1.82 0.00	31.76 1.75 0.00	34.99 1.78 0.00	36.74 1.81 0.00	38.75 1.82 0.00	47.68 2.18 0.00	65.52 3.17 0.00	51.26 2.78 0.00	44.49 2.59 0.00	41.23 2.55 0.00	43.38 2.62 0.00	45.94 2.89 0.00	47.42 2.95 0.00	45.63 2.66 0.00	45.36 2.62 0.00	45.19 2.72 0.00	46.49 2.85 0.00	48.10 2.87 0.00	51.70 2.88 0.00	78.42 4.34 0.00	110.73 5.95 0.00	52.37 2.74 0.00	47.68 2.50 0.00	43.64 2.06 0.00
DANSKAMMER___2 23589	33.36 1.82 0.00	31.76 1.75 0.00	34.99 1.78 0.00	36.74 1.81 0.00	38.75 1.82 0.00	47.68 2.18 0.00	65.52 3.17 0.00	51.26 2.78 0.00	44.49 2.59 0.00	41.23 2.55 0.00	43.38 2.62 0.00	45.94 2.89 0.00	47.42 2.95 0.00	45.63 2.66 0.00	45.36 2.62 0.00	45.19 2.72 0.00	46.49 2.85 0.00	48.10 2.87 0.00	51.70 2.88 0.00	78.42 4.34 0.00	110.73 5.95 0.00	52.37 2.74 0.00	47.68 2.50 0.00	43.64 2.06 0.00
DANSKAMMER___3 23590	33.36 1.82 0.00	31.76 1.75 0.00	34.99 1.78 0.00	36.74 1.81 0.00	38.75 1.82 0.00	47.68 2.18 0.00	65.52 3.17 0.00	51.26 2.78 0.00	44.49 2.59 0.00	41.23 2.55 0.00	43.38 2.62 0.00	45.94 2.89 0.00	47.42 2.95 0.00	45.63 2.66 0.00	45.36 2.62 0.00	45.19 2.72 0.00	46.49 2.85 0.00	48.10 2.87 0.00	51.70 2.88 0.00	78.42 4.34 0.00	110.73 5.95 0.00	52.37 2.74 0.00	47.68 2.50 0.00	43.64 2.06 0.00

DANSKAMMER___4 23591	33.36 1.82 0.00	31.76 1.75 0.00	34.99 1.78 0.00	36.74 1.81 0.00	38.75 1.82 0.00	47.68 2.18 0.00	65.52 3.17 0.00	51.26 2.78 0.00	44.49 2.59 0.00	41.23 2.55 0.00	43.38 2.62 0.00	45.94 2.89 0.00	47.42 2.95 0.00	45.63 2.66 0.00	45.36 2.62 0.00	45.19 2.72 0.00	46.49 2.85 0.00	48.10 2.87 0.00	51.70 2.88 0.00	78.42 4.34 0.00	110.73 5.95 0.00	52.37 2.74 0.00	47.68 2.50 0.00	43.64 2.06 0.00
DANSKAMMER___DIESEL 23592	33.36 1.82 0.00	31.76 1.75 0.00	34.99 1.78 0.00	36.74 1.81 0.00	38.75 1.82 0.00	47.68 2.18 0.00	65.52 3.17 0.00	51.25 2.77 0.00	44.49 2.59 0.00	41.23 2.54 0.00	43.38 2.62 0.00	45.94 2.88 0.00	47.42 2.95 0.00	45.62 2.66 0.00	45.36 2.62 0.00	45.19 2.72 0.00	46.50 2.86 0.00	48.10 2.86 0.00	51.69 2.87 0.00	78.41 4.33 0.00	110.73 5.95 0.00	52.37 2.73 0.00	47.68 2.50 0.00	43.64 2.07 0.00
DARBY___SOLAR 323810	32.69 1.15 0.00	31.30 1.28 0.00	34.66 1.45 0.00	36.44 1.51 0.00	38.50 1.57 0.00	47.37 1.87 0.00	64.80 2.45 0.00	50.54 2.07 0.00	43.60 1.71 0.00	40.30 1.62 0.00	42.34 1.58 0.00	44.70 1.64 0.00	46.10 1.62 0.00	44.24 1.27 0.00	44.04 1.31 0.00	43.61 1.14 0.00	44.97 1.33 0.00	46.74 1.50 0.00	50.62 1.80 0.00	76.88 2.79 0.00	108.43 3.64 0.00	51.45 1.81 0.00	46.83 1.66 0.00	42.94 1.37 0.00
DASHVILLE___HYD 23610	33.05 1.51 0.00	31.46 1.45 0.00	34.69 1.48 0.00	36.42 1.49 0.00	38.42 1.48 0.00	47.26 1.76 0.00	64.91 2.56 0.00	50.75 2.27 0.00	44.04 2.14 0.00	40.83 2.15 0.00	43.00 2.25 0.00	45.56 2.50 0.00	47.01 2.54 0.00	45.23 2.27 0.00	45.00 2.26 0.00	44.83 2.36 0.00	46.11 2.48 0.00	47.69 2.45 0.00	51.18 2.36 0.00	77.58 3.49 0.00	109.50 4.72 0.00	51.85 2.22 0.00	47.24 2.06 0.00	43.26 1.69 0.00
DELAWARE___LFGE 323621	32.38 0.84 0.00	30.78 0.77 0.00	34.07 0.86 0.00	35.82 0.88 0.00	37.85 0.91 0.00	46.62 1.12 0.00	63.97 1.62 0.00	52.98 1.33 -3.18	43.13 1.23 0.00	39.80 1.12 0.00	41.81 1.06 0.00	44.12 1.05 0.00	45.59 1.12 0.00	43.99 1.03 0.00	43.78 1.04 0.00	43.57 1.10 0.00	44.83 1.18 0.00	46.42 1.18 0.00	50.17 1.35 0.00	76.16 2.07 0.00	107.59 2.81 0.00	50.97 1.33 0.00	46.42 1.24 0.00	42.60 1.03 0.00
DERFIELD_115KV_TB7 355931	31.64 0.10 0.00	30.13 0.12 0.00	33.34 0.13 0.00	35.06 0.13 0.00	37.06 0.12 0.00	45.63 0.13 0.00	62.54 0.19 0.00	48.67 0.19 0.00	42.07 0.18 0.00	38.86 0.17 0.00	40.87 0.11 0.00	43.15 0.09 0.00	44.56 0.09 0.00	43.01 0.04 0.00	42.78 0.04 0.00	42.53 0.06 0.00	43.73 0.09 0.00	45.38 0.14 0.00	48.98 0.16 0.00	74.38 0.29 0.00	105.13 0.35 0.00	49.82 0.18 0.00	45.35 0.17 0.00	41.69 0.12 0.00
DOGLEVILLE___HYD 23807	32.42 0.88 0.00	30.88 0.87 0.00	34.24 1.03 0.00	35.96 1.03 0.00	37.99 1.06 0.00	46.68 1.18 0.00	63.92 1.57 0.00	49.85 1.37 0.00	42.91 1.01 0.00	39.47 0.79 0.00	41.11 0.35 0.00	43.06 -0.01 0.00	44.22 -0.25 0.00	42.40 -0.57 0.00	42.00 -0.74 0.00	41.68 -0.79 0.00	43.04 -0.59 0.00	45.38 0.15 0.00	49.74 0.92 0.00	76.23 2.14 0.00	107.72 2.94 0.00	51.06 1.43 0.00	46.69 1.51 0.00	42.72 1.16 0.00
DUNKIRK___115KV_TB_200 55889	30.40 -1.14 0.00	28.26 -1.75 0.00	31.51 -1.70 0.00	33.27 -1.66 0.00	35.18 -1.75 0.00	43.48 -2.02 0.00	59.94 -2.41 0.00	35.73 -2.20 10.54	40.33 -1.56 0.00	36.65 -2.04 0.00	38.53 -2.23 0.00	40.63 -2.43 0.00	42.45 -2.02 0.00	41.17 -1.80 0.00	40.49 -2.25 0.00	39.57 -2.90 0.00	40.11 -3.53 0.00	40.91 -3.95 0.37	45.11 -3.71 0.00	70.45 -3.63 0.00	100.83 -3.95 0.00	47.04 -2.60 0.00	42.78 -2.40 0.00	39.66 -1.91 0.00
DUNKIRK___1 23563	30.40 -1.14 0.00	28.26 -1.75 0.00	31.51 -1.70 0.00	33.27 -1.66 0.00	35.18 -1.75 0.00	43.48 -2.02 0.00	59.94 -2.41 0.00	35.73 -2.20 10.54	40.33 -1.56 0.00	36.65 -2.04 0.00	38.53 -2.23 0.00	40.63 -2.43 0.00	42.45 -2.02 0.00	41.17 -1.80 0.00	40.49 -2.25 0.00	39.57 -2.90 0.00	40.11 -3.53 0.00	40.91 -3.95 0.37	45.11 -3.71 0.00	70.45 -3.63 0.00	100.83 -3.95 0.00	47.04 -2.60 0.00	42.78 -2.40 0.00	39.66 -1.91 0.00
DUNKIRK___2 23564	30.40 -1.14 0.00	28.26 -1.75 0.00	31.51 -1.70 0.00	33.27 -1.66 0.00	35.18 -1.75 0.00	43.48 -2.02 0.00	59.94 -2.41 0.00	35.73 -2.20 10.54	40.33 -1.56 0.00	36.65 -2.04 0.00	38.53 -2.23 0.00	40.63 -2.43 0.00	42.45 -2.02 0.00	41.17 -1.80 0.00	40.49 -2.25 0.00	39.57 -2.90 0.00	40.11 -3.53 0.00	40.91 -3.95 0.37	45.11 -3.71 0.00	70.45 -3.63 0.00	100.83 -3.95 0.00	47.04 -2.60 0.00	42.78 -2.40 0.00	39.66 -1.91 0.00
DUNKIRK___3 23565	30.35 -1.19 0.00	28.30 -1.71 0.00	31.53 -1.68 0.00	33.22 -1.71 0.00	35.13 -1.80 0.00	43.41 -2.09 0.00	59.78 -2.57 0.00	35.58 -2.38 10.51	40.12 -1.78 0.00	36.49 -2.19 0.00	38.36 -2.40 0.00	40.47 -2.59 0.00	42.34 -2.13 0.00	41.07 -1.89 0.00	40.48 -2.26 0.00	39.59 -2.88 0.00	40.14 -3.50 0.00	40.87 -3.99 0.38	44.99 -3.83 0.00	70.03 -4.06 0.00	100.10 -4.68 0.00	46.76 -2.87 0.00	42.53 -2.65 0.00	39.46 -2.11 0.00
DUNKIRK___4 23566	30.35 -1.19 0.00	28.30 -1.71 0.00	31.53 -1.68 0.00	33.22 -1.71 0.00	35.13 -1.80 0.00	43.41 -2.09 0.00	59.78 -2.57 0.00	35.58 -2.38 10.51	40.12 -1.78 0.00	36.49 -2.19 0.00	38.36 -2.40 0.00	40.47 -2.59 0.00	42.34 -2.13 0.00	41.07 -1.89 0.00	40.48 -2.26 0.00	39.59 -2.88 0.00	40.14 -3.50 0.00	40.87 -3.99 0.38	44.99 -3.83 0.00	70.03 -4.06 0.00	100.10 -4.68 0.00	46.76 -2.87 0.00	42.53 -2.65 0.00	39.46 -2.11 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.28 1.74 0.00	31.69 1.67 0.00	34.85 1.64 0.00	36.56 1.63 0.00	38.55 1.61 0.00	47.42 1.92 0.00	65.15 2.80 0.00	50.98 2.51 0.00	44.35 2.46 0.00	41.14 2.46 0.00	43.30 2.54 0.00	45.86 2.80 0.00	47.31 2.84 0.00	45.54 2.58 0.00	45.30 2.56 0.00	45.12 2.65 0.00	46.39 2.76 0.00	47.96 2.72 0.00	51.45 2.63 0.00	77.97 3.88 0.00	110.00 5.22 0.00	52.02 2.38 0.00	47.44 2.26 0.00	43.44 1.87 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.24 1.70 0.00	31.63 1.62 0.00	34.86 1.65 0.00	36.58 1.65 0.00	38.59 1.66 0.00	47.50 2.00 0.00	65.29 2.95 0.00	51.04 2.57 0.00	44.29 2.39 0.00	41.04 2.35 0.00	43.18 2.43 0.00	45.74 2.68 0.00	47.22 2.75 0.00	45.42 2.46 0.00	45.16 2.42 0.00	44.99 2.53 0.00	46.29 2.65 0.00	47.90 2.66 0.00	51.45 2.63 0.00	78.09 4.01 0.00	110.24 5.46 0.00	52.16 2.52 0.00	47.50 2.32 0.00	43.48 1.91 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.41 1.87 0.00	31.80 1.78 0.00	34.93 1.72 0.00	36.66 1.73 0.00	38.67 1.73 0.00	47.54 2.04 0.00	65.28 2.93 0.00	51.18 2.71 0.00	44.66 2.76 0.00	41.36 2.67 0.00	43.51 2.75 0.00	46.05 2.99 0.00	47.51 3.05 0.00	45.72 2.76 0.00	45.48 2.74 0.00	45.32 2.85 0.00	46.56 2.92 0.00	48.11 2.87 0.00	51.50 2.68 0.00	78.04 3.95 0.00	110.13 5.35 0.00	52.09 2.45 0.00	47.62 2.44 0.00	43.57 2.00 0.00

E179THST_13_KV_LOAD 356214	33.54 2.00 0.00	31.91 1.89 0.00	35.06 1.85 0.00	36.79 1.85 0.00	38.80 1.86 0.00	47.71 2.21 0.00	65.54 3.19 0.00	51.40 2.92 0.00	44.84 2.95 0.00	41.54 2.85 0.00	43.70 2.94 0.00	46.26 3.20 0.00	47.72 3.25 0.00	45.91 2.95 0.00	45.68 2.94 0.00	45.52 3.05 0.00	46.76 3.12 0.00	48.33 3.09 0.00	51.75 2.92 0.00	78.40 4.31 0.00	110.60 5.82 0.00	52.32 2.68 0.00	47.81 2.63 0.00	43.74 2.17 0.00
EAST HAMPTON___GT 23717	36.55 2.80 -2.21	33.27 2.80 -0.46	35.84 2.63 0.00	37.48 2.55 0.00	39.30 2.36 0.00	48.78 3.28 0.00	69.94 5.01 -2.59	53.69 4.61 -0.60	46.42 4.46 -0.06	43.60 4.24 -0.67	52.11 4.49 -6.86	48.54 5.21 -0.27	49.41 4.84 -0.09	47.84 4.87 0.00	47.64 4.90 0.00	47.41 4.94 0.00	48.65 4.90 -0.10	53.74 4.74 -3.77	58.16 4.91 -4.43	90.25 7.56 -8.60	125.43 9.01 -11.64	55.84 4.36 -1.84	49.11 3.72 -0.21	44.97 3.30 -0.09
EAST RIVER___6 23660	33.35 1.81 0.00	31.74 1.73 0.00	34.89 1.68 0.00	36.59 1.66 0.00	38.58 1.65 0.00	47.49 1.99 0.00	65.31 2.97 0.00	51.16 2.69 0.00	44.60 2.70 0.00	41.38 2.70 0.00	43.56 2.80 0.00	46.12 3.06 0.00	47.58 3.12 0.00	45.78 2.81 0.00	45.56 2.82 0.00	45.37 2.91 0.00	46.65 3.01 0.00	48.21 2.98 0.00	51.64 2.82 0.00	78.22 4.13 0.00	110.31 5.53 0.00	52.14 2.51 0.00	47.56 2.38 0.00	43.53 1.96 0.00
EAST RIVER___7 23524	33.35 1.81 0.00	31.74 1.73 0.00	34.89 1.68 0.00	36.59 1.66 0.00	38.58 1.65 0.00	47.49 1.99 0.00	65.31 2.97 0.00	51.16 2.69 0.00	44.60 2.70 0.00	41.38 2.70 0.00	43.56 2.80 0.00	46.12 3.06 0.00	47.58 3.12 0.00	45.78 2.81 0.00	45.56 2.82 0.00	45.37 2.91 0.00	46.65 3.01 0.00	48.21 2.98 0.00	51.64 2.82 0.00	78.22 4.13 0.00	110.31 5.53 0.00	52.14 2.51 0.00	47.56 2.38 0.00	43.53 1.96 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.20 1.66 0.00	31.62 1.61 0.00	34.79 1.58 0.00	36.50 1.57 0.00	38.49 1.55 0.00	47.35 1.85 0.00	65.07 2.72 0.00	50.91 2.43 0.00	44.26 2.36 0.00	41.04 2.35 0.00	43.19 2.43 0.00	45.74 2.69 0.00	47.20 2.73 0.00	45.43 2.46 0.00	45.20 2.46 0.00	45.01 2.55 0.00	46.30 2.66 0.00	47.87 2.63 0.00	51.36 2.54 0.00	77.85 3.76 0.00	109.82 5.04 0.00	51.96 2.32 0.00	47.37 2.19 0.00	43.38 1.81 0.00
EAST_HAMPTON___DIESEL 23722	36.53 2.78 -2.21	33.26 2.79 -0.46	35.83 2.62 0.00	37.47 2.54 0.00	39.28 2.34 0.00	48.77 3.27 0.00	69.96 5.02 -2.59	53.70 4.62 -0.60	46.42 4.46 -0.06	43.60 4.24 -0.67	52.12 4.50 -6.86	48.54 5.21 -0.27	49.42 4.85 -0.09	47.85 4.88 0.00	47.65 4.91 0.00	47.42 4.95 0.00	48.66 4.91 -0.10	53.75 4.74 -3.77	58.17 4.92 -4.43	90.27 7.58 -8.60	125.47 9.04 -11.64	55.84 4.36 -1.84	49.11 3.72 -0.21	44.97 3.30 -0.09
EAST_POINT___SOLAR 323840	33.32 1.78 0.00	31.58 1.57 0.00	34.94 1.73 0.00	36.75 1.82 0.00	38.90 1.96 0.00	48.03 2.53 0.00	66.31 3.95 0.00	51.52 3.04 0.00	44.06 2.16 0.00	39.35 0.66 0.00	41.10 0.34 0.00	43.20 0.14 0.00	44.57 0.10 0.00	43.64 0.67 0.00	42.91 0.17 0.00	42.61 0.14 0.00	44.24 0.60 0.00	45.55 0.31 0.00	50.85 2.03 0.00	78.25 4.16 0.00	111.04 6.26 0.00	52.54 2.90 0.00	47.83 2.65 0.00	43.84 2.27 0.00
EAST_PULASKI___ESR 323781	30.78 -0.76 0.00	29.24 -0.78 0.00	32.28 -0.93 0.00	33.94 -1.00 0.00	35.95 -0.99 0.00	44.28 -1.22 0.00	60.86 -1.49 0.00	47.44 -1.04 0.00	40.87 -1.02 0.00	37.52 -1.17 0.00	39.31 -1.45 0.00	41.45 -1.61 0.00	42.86 -1.61 0.00	41.40 -1.56 0.00	41.31 -1.43 0.00	41.04 -1.43 0.00	42.08 -1.56 0.00	43.65 -1.59 0.00	47.28 -1.54 0.00	72.28 -1.81 0.00	102.39 -2.39 0.00	48.45 -1.19 0.00	43.98 -1.19 0.00	40.42 -1.15 0.00
EAST_RIVER___1 323558	33.38 1.84 0.00	31.77 1.76 0.00	34.92 1.70 0.00	36.63 1.69 0.00	38.62 1.68 0.00	47.52 2.03 0.00	65.32 2.97 0.00	51.16 2.69 0.00	44.57 2.67 0.00	41.36 2.67 0.00	43.53 2.77 0.00	46.08 3.02 0.00	47.54 3.07 0.00	45.74 2.78 0.00	45.51 2.77 0.00	45.33 2.86 0.00	46.61 2.96 0.00	48.17 2.93 0.00	51.62 2.80 0.00	78.18 4.09 0.00	110.28 5.49 0.00	52.13 2.49 0.00	47.57 2.40 0.00	43.55 1.98 0.00
EAST_RIVER___2 323559	33.35 1.81 0.00	31.74 1.73 0.00	34.89 1.68 0.00	36.59 1.66 0.00	38.58 1.65 0.00	47.49 1.99 0.00	65.31 2.97 0.00	51.16 2.69 0.00	44.60 2.70 0.00	41.38 2.70 0.00	43.56 2.80 0.00	46.12 3.06 0.00	47.58 3.12 0.00	45.78 2.81 0.00	45.56 2.82 0.00	45.37 2.91 0.00	46.65 3.01 0.00	48.21 2.98 0.00	51.64 2.82 0.00	78.22 4.13 0.00	110.31 5.53 0.00	52.14 2.51 0.00	47.56 2.38 0.00	43.53 1.96 0.00
EAST___DELAWARE_HYD 23607	32.78 1.24 0.00	31.36 1.34 0.00	34.59 1.38 0.00	36.35 1.42 0.00	38.36 1.42 0.00	47.26 1.76 0.00	65.03 2.68 0.00	52.14 2.34 -1.32	44.08 2.18 0.00	40.84 2.15 0.00	43.02 2.26 0.00	45.54 2.48 0.00	46.78 2.32 0.00	44.03 1.06 0.00	43.83 1.09 0.00	43.69 1.22 0.00	45.01 1.37 0.00	46.60 1.36 0.00	50.14 1.32 0.00	76.06 1.97 0.00	107.42 2.64 0.00	51.99 2.36 0.00	47.28 2.11 0.00	43.28 1.71 0.00
EIGHT_POINT___WT_PWR 323820	29.29 -2.25 0.00	27.16 -2.85 0.00	30.36 -2.85 0.00	32.07 -2.86 0.00	33.88 -3.05 0.00	42.05 -3.45 0.00	58.66 -3.69 0.00	30.90 -3.08 14.50	38.81 -3.09 0.00	35.77 -2.92 0.00	37.79 -2.97 0.00	39.90 -3.16 0.00	41.76 -2.71 0.00	40.18 -2.79 0.00	39.41 -3.33 0.00	38.13 -4.34 0.00	38.72 -4.92 0.00	40.66 -5.82 -1.24	42.99 -5.83 0.00	69.10 -4.99 0.00	101.70 -3.09 0.00	47.72 -1.91 0.00	43.40 -1.78 0.00	40.24 -1.33 0.00
ELBRIDGE_115KV_TB2 80188	31.16 -0.38 0.00	29.56 -0.45 0.00	32.69 -0.52 0.00	34.39 -0.54 0.00	36.38 -0.56 0.00	44.84 -0.66 0.00	61.61 -0.73 0.00	46.21 -0.58 1.68	41.40 -0.50 0.00	38.06 -0.62 0.00	39.83 -0.93 0.00	41.96 -1.10 0.00	43.43 -1.04 0.00	41.97 -1.00 0.00	41.74 -1.01 0.00	41.48 -0.99 0.00	42.60 -1.04 0.00	44.22 -1.02 0.00	47.86 -0.96 0.00	73.04 -1.05 0.00	103.46 -1.32 0.00	48.90 -0.74 0.00	44.45 -0.73 0.00	40.87 -0.70 0.00
ELEC_TRO_TEK 24086	37.51 2.12 -3.84	32.86 2.05 -0.79	35.15 1.94 0.00	36.83 1.90 0.00	38.82 1.88 0.00	47.43 1.93 0.00	64.91 2.56 0.00	50.99 2.51 0.00	44.47 2.57 0.00	41.25 2.57 0.00	55.56 2.87 -11.93	46.63 3.22 -0.35	47.52 3.05 0.00	45.93 2.97 0.00	45.73 2.99 0.00	45.55 3.08 0.00	46.73 3.09 0.00	48.10 2.86 0.00	51.62 2.80 0.00	78.18 4.09 0.00	109.65 4.86 0.00	51.99 2.35 0.00	47.41 2.23 0.00	43.70 2.13 0.00
ELLENBURG_WT_PWR 323604	31.05 -0.49 0.00	29.71 -0.31 0.00	33.03 -0.19 0.00	34.80 -0.13 0.00	36.80 -0.14 0.00	45.46 -0.04 0.00	62.23 -0.12 0.00	48.23 -0.24 0.00	41.62 -0.28 0.00	38.61 -0.08 0.00	40.87 0.11 0.00	43.20 0.14 0.00	44.59 0.12 0.00	43.14 0.17 0.00	42.94 0.20 0.00	42.71 0.24 0.00	43.86 0.22 0.00	45.44 0.20 0.00	49.08 0.25 0.00	74.23 0.14 0.00	105.06 0.28 0.00	49.95 0.31 0.00	45.47 0.29 0.00	41.87 0.30 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.32 -1.22 0.00	28.39 -1.63 0.00	31.56 -1.65 0.00	33.16 -1.77 0.00	35.06 -1.87 0.00	43.29 -2.21 0.00	59.38 -2.97 0.00	35.87 -2.74 9.86	39.67 -2.23 0.00	36.18 -2.50 0.00	38.05 -2.71 0.00	40.16 -2.90 0.00	42.05 -2.42 0.00	40.84 -2.13 0.00	40.38 -2.36 0.00	39.47 -3.00 0.00	40.01 -3.63 0.00	40.61 -4.24 0.38	44.64 -4.18 0.00	68.89 -5.19 0.00	98.19 -6.59 0.00	46.06 -3.57 0.00	41.94 -3.24 0.00	39.10 -2.48 0.00
EMPIRE_CC_1 323656	32.54 1.00 0.00	31.17 1.15 0.00	34.48 1.26 0.00	36.24 1.31 0.00	38.28 1.35 0.00	47.00 1.51 0.00	64.12 1.77 0.00	50.11 1.63 0.00	43.31 1.41 0.00	40.10 1.42 0.00	42.17 1.41 0.00	44.63 1.57 0.00	46.07 1.60 0.00	44.37 1.41 0.00	44.19 1.45 0.00	43.97 1.50 0.00	45.18 1.54 0.00	46.80 1.56 0.00	50.46 1.64 0.00	76.40 2.31 0.00	107.68 2.90 0.00	51.16 1.52 0.00	46.53 1.35 0.00	42.76 1.19 0.00
EMPIRE_CC_2 323658	32.54 1.00 0.00	31.17 1.15 0.00	34.48 1.26 0.00	36.24 1.31 0.00	38.28 1.35 0.00	47.00 1.51 0.00	64.12 1.77 0.00	50.11 1.63 0.00	43.31 1.41 0.00	40.10 1.42 0.00	42.17 1.41 0.00	44.63 1.57 0.00	46.07 1.60 0.00	44.37 1.41 0.00	44.19 1.45 0.00	43.97 1.50 0.00	45.18 1.54 0.00	46.80 1.56 0.00	50.46 1.64 0.00	76.40 2.31 0.00	107.68 2.90 0.00	51.16 1.52 0.00	46.53 1.35 0.00	42.76 1.19 0.00
ENORWICH_115KV_TB1 80156	32.45 0.91 0.00	30.59 0.57 0.00	33.97 0.76 0.00	35.73 0.80 0.00	37.98 1.05 0.00	47.06 1.56 0.00	65.28 2.93 0.00	52.74 2.31 -1.96	43.96 2.07 0.00	40.23 1.55 0.00	41.58 0.82 0.00	43.43 0.37 0.00	45.30 0.83 0.00	43.86 0.89 0.00	43.38 0.64 0.00	43.12 0.65 0.00	44.70 1.07 0.00	47.13 1.84 -0.06	51.96 3.14 0.00	79.78 5.69 0.00	112.27 7.49 0.00	52.88 3.24 0.00	48.23 3.06 0.00	44.22 2.65 0.00
ERIE_ST__34_KV_TB1-2 80199	30.44 -1.10 0.00	28.54 -1.48 0.00	31.71 -1.50 0.00	33.31 -1.63 0.00	35.21 -1.73 0.00	43.52 -1.99 0.00	59.76 -2.59 0.00	35.85 -2.38 10.25	39.97 -1.92 0.00	36.48 -2.21 0.00	38.29 -2.47 0.00	40.40 -2.66 0.00	42.33 -2.14 0.00	41.09 -1.87 0.00	40.63 -2.11 0.00	39.77 -2.69 0.00	40.35 -3.29 0.00	41.03 -3.86 0.35	45.06 -3.76 0.00	69.59 -4.49 0.00	99.21 -5.57 0.00	46.51 -3.13 0.00	42.30 -2.87 0.00	39.30 -2.28 0.00
ERIE_WT_PWR 323693	30.37 -1.17 0.00	28.43 -1.58 0.00	31.61 -1.60 0.00	33.23 -1.70 0.00	35.14 -1.80 0.00	43.46 -2.04 0.00	59.64 -2.71 0.00	35.78 -2.58 10.12	39.85 -2.05 0.00	36.30 -2.38 0.00	38.17 -2.59 0.00	40.29 -2.77 0.00	42.22 -2.25 0.00	40.94 -2.03 0.00	40.46 -2.28 0.00	39.53 -2.94 0.00	40.11 -3.53 0.00	40.74 -4.12 0.38	44.81 -4.01 0.00	69.22 -4.86 0.00	98.81 -5.97 0.00	46.34 -3.30 0.00	42.16 -3.02 0.00	39.28 -2.29 0.00
ESPRGFLD_115KV_TB1 80157	32.66 1.12 0.00	30.90 0.89 0.00	34.18 0.97 0.00	35.95 1.02 0.00	38.04 1.11 0.00	47.00 1.50 0.00	64.76 2.41 0.00	52.04 1.82 -1.73	43.52 1.62 0.00	39.87 1.19 0.00	41.96 1.20 0.00	44.11 1.05 0.00	45.64 1.17 0.00	44.23 1.26 0.00	43.97 1.23 0.00	43.79 1.32 0.00	45.12 1.48 0.00	46.52 1.28 0.00	50.55 1.73 0.00	77.03 2.94 0.00	109.03 4.25 0.00	51.60 1.96 0.00	47.01 1.83 0.00	43.14 1.57 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	31.82 0.28 0.00	30.16 0.15 0.00	33.38 0.17 0.00	35.10 0.17 0.00	37.16 0.23 0.00	45.85 0.35 0.00	63.16 0.81 0.00	46.22 0.64 2.90	42.44 0.54 0.00	38.96 0.28 0.00	40.52 -0.24 0.00	42.43 -0.63 0.00	43.94 -0.53 0.00	42.45 -0.52 0.00	42.19 -0.55 0.00	42.02 -0.45 0.00	43.19 -0.45 0.00	45.23 -0.12 -0.11	49.00 0.18 0.00	75.05 0.96 0.00	106.44 1.66 0.00	50.25 0.61 0.00	45.66 0.48 0.00	41.93 0.36 0.00
ETNA_____115KV_TB2 80207	31.82 0.28 0.00	30.16 0.15 0.00	33.38 0.17 0.00	35.10 0.17 0.00	37.16 0.23 0.00	45.85 0.35 0.00	63.16 0.81 0.00	46.22 0.64 2.90	42.44 0.54 0.00	38.96 0.28 0.00	40.52 -0.24 0.00	42.43 -0.63 0.00	43.94 -0.53 0.00	42.45 -0.52 0.00	42.19 -0.55 0.00	42.02 -0.45 0.00	43.19 -0.45 0.00	45.23 -0.12 -0.11	49.00 0.18 0.00	75.05 0.96 0.00	106.44 1.66 0.00	50.25 0.61 0.00	45.66 0.48 0.00	41.93 0.36 0.00
EUCLID___115KV_TB2 356179	31.01 -0.53 0.00	29.43 -0.58 0.00	32.53 -0.68 0.00	34.21 -0.72 0.00	36.19 -0.74 0.00	44.61 -0.89 0.00	61.24 -1.11 0.00	47.61 -0.87 0.00	41.16 -0.74 0.00	37.86 -0.82 0.00	39.74 -1.02 0.00	41.91 -1.15 0.00	43.37 -1.11 0.00	41.91 -1.06 0.00	41.69 -1.05 0.00	41.44 -1.03 0.00	42.56 -1.08 0.00	44.14 -1.10 0.00	47.71 -1.11 0.00	72.67 -1.41 0.00	102.82 -1.96 0.00	48.62 -1.02 0.00	44.22 -0.96 0.00	40.67 -0.90 0.00
E_CANADA_CAP_HY 24051	32.81 1.27 0.00	31.07 1.06 0.00	34.38 1.17 0.00	36.17 1.24 0.00	38.28 1.35 0.00	47.23 1.73 0.00	65.02 2.67 0.00	51.73 2.02 -1.23	43.51 1.61 0.00	39.65 0.97 0.00	41.79 1.03 0.00	43.94 0.88 0.00	45.41 0.94 0.00	44.05 1.09 0.00	43.74 1.00 0.00	43.48 1.01 0.00	44.83 1.19 0.00	46.07 0.83 0.00	50.32 1.50 0.00	76.87 2.79 0.00	108.93 4.15 0.00	51.63 2.00 0.00	47.16 1.98 0.00	43.30 1.73 0.00
E_CANADA_MHWK_HY 24050	32.42 0.88 0.00	30.88 0.87 0.00	34.24 1.03 0.00	35.96 1.03 0.00	37.99 1.06 0.00	46.68 1.18 0.00	63.92 1.57 0.00	49.85 1.37 0.00	42.91 1.01 0.00	39.47 0.79 0.00	41.11 0.35 0.00	43.06 -0.01 0.00	44.22 -0.24 0.00	42.40 -0.57 0.00	42.00 -0.74 0.00	41.68 -0.79 0.00	43.04 -0.60 0.00	45.38 0.15 0.00	49.75 0.92 0.00	76.23 2.14 0.00	107.71 2.94 0.00	51.06 1.43 0.00	46.69 1.51 0.00	42.72 1.15 0.00
E_FISHKILL___LBMP 23776	32.95 1.40 0.00	31.39 1.38 0.00	34.59 1.38 0.00	36.32 1.39 0.00	38.30 1.37 0.00	47.10 1.60 0.00	64.66 2.31 0.00	50.55 2.07 0.00	43.88 1.99 0.00	40.69 2.00 0.00	42.82 2.05 0.00	45.33 2.27 0.00	46.79 2.31 0.00	45.05 2.09 0.00	44.82 2.08 0.00	44.63 2.16 0.00	45.90 2.26 0.00	47.49 2.25 0.00	50.99 2.17 0.00	77.28 3.19 0.00	109.04 4.26 0.00	51.63 2.00 0.00	47.06 1.88 0.00	43.11 1.54 0.00
FALCON___SEABRD_CC1 323796	31.21 -0.33 0.00	29.89 -0.12 0.00	33.21 0.00 0.00	34.98 0.04 0.00	36.97 0.04 0.00	45.68 0.18 0.00	62.41 0.06 0.00	48.24 -0.24 0.00	41.64 -0.26 0.00	38.76 0.07 0.00	41.02 0.27 0.00	43.36 0.30 0.00	44.75 0.28 0.00	43.28 0.32 0.00	43.13 0.38 0.00	42.95 0.48 0.00	44.12 0.48 0.00	45.68 0.44 0.00	49.33 0.51 0.00	74.33 0.24 0.00	105.14 0.36 0.00	50.24 0.60 0.00	45.90 0.72 0.00	42.32 0.75 0.00
FALCON___SEABRD_CC2 323797	31.21 -0.33 0.00	29.89 -0.12 0.00	33.21 0.00 0.00	34.98 0.04 0.00	36.97 0.04 0.00	45.68 0.18 0.00	62.41 0.06 0.00	48.24 -0.24 0.00	41.64 -0.26 0.00	38.76 0.07 0.00	41.02 0.27 0.00	43.36 0.30 0.00	44.75 0.28 0.00	43.28 0.32 0.00	43.13 0.38 0.00	42.95 0.48 0.00	44.12 0.48 0.00	45.68 0.44 0.00	49.33 0.51 0.00	74.33 0.24 0.00	105.14 0.36 0.00	50.24 0.60 0.00	45.90 0.72 0.00	42.32 0.75 0.00

FAR ROCKAWAY___4 23548	38.14 2.63 -3.97	33.34 2.51 -0.82	35.67 2.46 0.00	37.37 2.43 0.00	39.38 2.44 0.00	48.17 2.67 0.00	65.95 3.60 0.00	51.80 3.32 0.00	45.16 3.27 0.00	41.91 3.23 0.00	56.68 3.59 -12.34	47.39 3.97 -0.36	48.26 3.79 0.00	46.67 3.71 0.00	46.38 3.64 0.00	46.25 3.78 0.00	47.44 3.80 0.00	48.87 3.63 0.00	52.50 3.68 0.00	79.53 5.44 0.00	111.58 6.80 0.00	52.87 3.24 0.00	48.19 3.02 0.00	44.38 2.81 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.35 1.81 0.00	31.74 1.73 0.00	34.92 1.70 0.00	36.63 1.70 0.00	38.62 1.68 0.00	47.52 2.02 0.00	65.32 2.97 0.00	51.15 2.67 0.00	44.56 2.67 0.00	41.35 2.67 0.00	43.53 2.77 0.00	46.08 3.02 0.00	47.53 3.06 0.00	45.73 2.77 0.00	45.50 2.76 0.00	45.32 2.86 0.00	46.60 2.96 0.00	48.17 2.93 0.00	51.61 2.79 0.00	78.16 4.08 0.00	110.27 5.49 0.00	52.13 2.49 0.00	47.57 2.40 0.00	43.55 1.98 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.40 1.85 0.00	31.79 1.77 0.00	34.93 1.72 0.00	36.64 1.71 0.00	38.64 1.70 0.00	47.53 2.03 0.00	65.35 3.00 0.00	51.16 2.68 0.00	44.58 2.69 0.00	41.37 2.68 0.00	43.54 2.77 0.00	46.09 3.03 0.00	47.54 3.07 0.00	45.74 2.78 0.00	45.51 2.77 0.00	45.33 2.86 0.00	46.60 2.96 0.00	48.17 2.93 0.00	51.62 2.79 0.00	78.19 4.10 0.00	110.31 5.53 0.00	52.15 2.52 0.00	47.58 2.40 0.00	43.57 2.00 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.37 1.83 0.00	31.77 1.75 0.00	34.91 1.70 0.00	36.62 1.69 0.00	38.61 1.67 0.00	47.52 2.02 0.00	65.31 2.96 0.00	51.13 2.65 0.00	44.55 2.65 0.00	41.34 2.66 0.00	43.50 2.75 0.00	46.06 3.00 0.00	47.52 3.05 0.00	45.72 2.76 0.00	45.49 2.75 0.00	45.31 2.84 0.00	46.59 2.95 0.00	48.15 2.91 0.00	51.59 2.77 0.00	78.15 4.06 0.00	110.23 5.45 0.00	52.11 2.48 0.00	47.54 2.36 0.00	43.53 1.96 0.00
FARRAGUT___LBMP 323566	33.35 1.81 0.00	31.74 1.73 0.00	34.89 1.68 0.00	36.59 1.66 0.00	38.58 1.65 0.00	47.48 1.98 0.00	65.25 2.90 0.00	51.08 2.61 0.00	44.51 2.61 0.00	41.30 2.61 0.00	43.46 2.70 0.00	46.01 2.95 0.00	47.47 3.00 0.00	45.68 2.71 0.00	45.44 2.70 0.00	45.26 2.80 0.00	46.54 2.90 0.00	48.10 2.86 0.00	51.54 2.72 0.00	78.07 3.98 0.00	110.13 5.35 0.00	52.06 2.42 0.00	47.51 2.33 0.00	43.50 1.94 0.00
FENNER___WINDPWR 24204	31.78 0.24 0.00	30.18 0.17 0.00	33.41 0.20 0.00	35.19 0.26 0.00	37.31 0.37 0.00	45.98 0.48 0.00	63.24 0.89 0.00	49.16 0.68 0.00	42.42 0.52 0.00	38.88 0.19 0.00	40.72 -0.04 0.00	42.84 -0.22 0.00	44.28 -0.19 0.00	42.80 -0.17 0.00	42.57 -0.17 0.00	42.36 -0.11 0.00	43.69 0.05 0.00	45.61 0.37 0.00	49.33 0.51 0.00	75.42 1.33 0.00	106.83 2.05 0.00	50.53 0.89 0.00	45.86 0.68 0.00	42.13 0.56 0.00
FIBERTEK___ENERGY 23856	31.26 -0.28 0.00	29.67 -0.35 0.00	32.80 -0.41 0.00	34.50 -0.43 0.00	36.52 -0.42 0.00	45.01 -0.48 0.00	61.84 -0.51 0.00	46.66 -0.41 1.41	41.53 -0.37 0.00	38.18 -0.51 0.00	39.97 -0.79 0.00	42.13 -0.93 0.00	43.58 -0.89 0.00	42.11 -0.85 0.00	41.90 -0.84 0.00	41.68 -0.79 0.00	42.81 -0.82 0.00	44.44 -0.79 0.00	48.08 -0.74 0.00	73.34 -0.75 0.00	103.87 -0.91 0.00	49.09 -0.54 0.00	44.62 -0.56 0.00	41.02 -0.56 0.00
FITZPATRICK___ 23598	30.56 -0.98 0.00	29.02 -0.99 0.00	32.08 -1.13 0.00	33.73 -1.20 0.00	35.68 -1.25 0.00	43.97 -1.53 0.00	60.31 -2.04 0.00	46.90 -1.58 0.00	40.53 -1.37 0.00	37.34 -1.35 0.00	39.22 -1.53 0.00	41.38 -1.68 0.00	42.79 -1.68 0.00	41.35 -1.61 0.00	41.13 -1.61 0.00	40.86 -1.61 0.00	41.97 -1.67 0.00	43.51 -1.73 0.00	47.04 -1.78 0.00	71.58 -2.51 0.00	101.31 -3.47 0.00	47.92 -1.72 0.00	43.60 -1.58 0.00	40.11 -1.46 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.40 1.86 0.00	31.80 1.79 0.00	35.05 1.84 0.00	36.78 1.85 0.00	38.80 1.87 0.00	47.74 2.24 0.00	65.63 3.29 0.00	51.33 2.86 0.00	44.57 2.67 0.00	41.30 2.61 0.00	43.46 2.70 0.00	46.02 2.96 0.00	47.50 3.03 0.00	45.70 2.73 0.00	45.43 2.69 0.00	45.27 2.81 0.00	46.56 2.92 0.00	48.18 2.94 0.00	51.78 2.96 0.00	78.56 4.47 0.00	110.89 6.11 0.00	52.44 2.80 0.00	47.75 2.57 0.00	43.70 2.14 0.00
FORT ORANGE___ 23900	32.27 0.73 0.00	30.90 0.89 0.00	34.19 0.98 0.00	35.96 1.02 0.00	37.98 1.04 0.00	46.61 1.11 0.00	63.73 1.38 0.00	49.89 1.42 0.00	43.11 1.21 0.00	39.87 1.18 0.00	41.85 1.10 0.00	44.24 1.18 0.00	45.65 1.17 0.00	43.99 1.02 0.00	43.79 1.05 0.00	43.58 1.11 0.00	44.70 1.06 0.00	46.36 1.12 0.00	50.02 1.19 0.00	75.89 1.80 0.00	107.09 2.31 0.00	50.78 1.15 0.00	46.18 1.00 0.00	42.42 0.85 0.00
FORT_DRUM_COGEN 23780	28.91 -2.63 0.00	27.47 -2.55 0.00	30.72 -2.49 0.00	33.05 -1.88 0.00	35.20 -1.73 0.00	43.46 -2.04 0.00	60.66 -1.69 0.00	46.77 -1.71 0.00	39.78 -2.12 0.00	36.20 -2.48 0.00	38.08 -2.68 0.00	40.15 -2.91 0.00	41.20 -3.27 0.00	40.20 -2.76 0.00	40.10 -2.64 0.00	39.75 -2.72 0.00	41.06 -2.58 0.00	42.54 -2.70 0.00	45.81 -3.01 0.00	72.37 -1.72 0.00	104.95 0.17 0.00	49.61 -0.03 0.00	44.44 -0.74 0.00	41.02 -0.56 0.00
FOX_HILLS___ESR 323835	33.58 2.04 0.00	31.89 1.87 0.00	35.04 1.83 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.27 2.92 0.00	51.32 2.84 0.00	44.77 2.87 0.00	41.48 2.79 0.00	43.63 2.87 0.00	46.18 3.12 0.00	47.64 3.17 0.00	45.84 2.88 0.00	45.63 2.89 0.00	45.46 2.99 0.00	46.66 3.02 0.00	48.16 2.92 0.00	51.46 2.64 0.00	78.00 3.92 0.00	110.07 5.30 0.00	52.12 2.48 0.00	47.72 2.54 0.00	43.75 2.17 0.00
FPL_FAR_ROCK_GT1 24212	38.15 2.63 -3.97	33.35 2.51 -0.82	35.67 2.46 0.00	37.36 2.43 0.00	39.38 2.44 0.00	48.17 2.67 0.00	65.94 3.59 0.00	51.80 3.33 0.00	45.16 3.27 0.00	41.92 3.23 0.00	56.68 3.59 -12.34	47.40 3.98 -0.36	48.26 3.79 0.00	46.67 3.71 0.00	46.39 3.64 0.00	46.25 3.78 0.00	47.44 3.80 0.00	48.87 3.63 0.00	52.50 3.68 0.00	79.53 5.44 0.00	111.58 6.80 0.00	52.88 3.24 0.00	48.20 3.02 0.00	44.38 2.81 0.00
FPL_FAR_ROCK_GT2 23815	38.15 2.63 -3.97	33.35 2.51 -0.82	35.67 2.46 0.00	37.36 2.43 0.00	39.38 2.44 0.00	48.17 2.67 0.00	65.94 3.59 0.00	51.80 3.33 0.00	45.16 3.27 0.00	41.92 3.23 0.00	56.68 3.59 -12.34	47.40 3.98 -0.36	48.26 3.79 0.00	46.67 3.71 0.00	46.39 3.64 0.00	46.25 3.78 0.00	47.44 3.80 0.00	48.87 3.63 0.00	52.50 3.68 0.00	79.53 5.44 0.00	111.58 6.80 0.00	52.88 3.24 0.00	48.20 3.02 0.00	44.38 2.81 0.00
FRANKLIN_FALL_HYD 24054	30.97 -0.56 0.00	29.59 -0.42 0.00	32.89 -0.32 0.00	34.71 -0.22 0.00	36.71 -0.22 0.00	45.38 -0.12 0.00	62.17 -0.18 0.00	48.29 -0.19 0.00	41.57 -0.33 0.00	38.44 -0.24 0.00	40.62 -0.13 0.00	42.90 -0.16 0.00	44.28 -0.19 0.00	42.84 -0.13 0.00	42.64 -0.10 0.00	42.37 -0.09 0.00	43.57 -0.07 0.00	45.20 -0.04 0.00	48.88 0.06 0.00	74.21 0.12 0.00	105.42 0.64 0.00	50.03 0.39 0.00	45.38 0.20 0.00	41.79 0.22 0.00

FREEPORT_EQUS_GT1 23764	36.80 2.33 -2.93	32.87 2.25 -0.60	35.35 2.13 0.00	37.03 2.10 0.00	39.02 2.08 0.00	47.67 2.17 0.00	65.18 2.84 0.00	51.25 2.78 0.00	44.73 2.83 0.00	41.45 2.76 0.00	52.96 3.12 -9.09	46.85 3.51 -0.28	47.79 3.32 0.00	46.21 3.25 0.00	46.00 3.26 0.00	45.81 3.34 0.00	47.02 3.38 0.00	48.33 3.09 0.00	51.90 3.08 0.00	78.64 4.55 0.00	110.20 5.41 0.00	52.26 2.62 0.00	47.65 2.48 0.00	43.96 2.39 0.00
FREEPORT___CT2 23818	36.80 2.33 -2.93	32.87 2.25 -0.60	35.35 2.13 0.00	37.03 2.10 0.00	39.02 2.08 0.00	47.67 2.17 0.00	65.18 2.84 0.00	51.25 2.78 0.00	44.73 2.83 0.00	41.45 2.76 0.00	52.96 3.12 -9.09	46.85 3.51 -0.28	47.79 3.32 0.00	46.21 3.25 0.00	46.00 3.26 0.00	45.81 3.34 0.00	47.02 3.38 0.00	48.33 3.09 0.00	51.90 3.08 0.00	78.64 4.55 0.00	110.20 5.41 0.00	52.26 2.62 0.00	47.65 2.48 0.00	43.96 2.39 0.00
FRESHKLS_33_KV_LOAD 356253	33.63 2.09 0.00	31.92 1.91 0.00	35.09 1.88 0.00	36.81 1.87 0.00	38.81 1.87 0.00	47.76 2.26 0.00	65.27 2.92 0.00	51.33 2.85 0.00	44.81 2.92 0.00	41.51 2.82 0.00	43.66 2.90 0.00	46.20 3.14 0.00	47.66 3.19 0.00	45.86 2.89 0.00	45.65 2.91 0.00	45.48 3.01 0.00	46.65 3.00 0.00	48.13 2.90 0.00	51.39 2.57 0.00	77.87 3.79 0.00	109.91 5.13 0.00	52.08 2.44 0.00	47.73 2.55 0.00	43.80 2.23 0.00
FULTON COGEN___ 23766	30.59 -0.95 0.00	29.03 -0.98 0.00	32.08 -1.13 0.00	33.76 -1.17 0.00	35.72 -1.22 0.00	44.04 -1.47 0.00	60.44 -1.91 0.00	47.02 -1.45 0.00	40.62 -1.28 0.00	37.34 -1.35 0.00	39.17 -1.59 0.00	41.31 -1.75 0.00	42.71 -1.76 0.00	41.28 -1.68 0.00	41.07 -1.67 0.00	40.85 -1.62 0.00	41.96 -1.68 0.00	43.48 -1.75 0.00	47.05 -1.77 0.00	71.71 -2.37 0.00	101.57 -3.21 0.00	48.06 -1.57 0.00	43.68 -1.50 0.00	40.16 -1.41 0.00
FULTON___LFGE 323630	33.10 1.56 0.00	31.41 1.40 0.00	34.74 1.53 0.00	36.53 1.60 0.00	38.66 1.73 0.00	47.69 2.19 0.00	65.65 3.30 0.00	51.06 2.59 0.00	43.82 1.92 0.00	39.98 1.29 0.00	41.88 1.12 0.00	43.85 0.79 0.00	45.10 0.63 0.00	43.39 0.43 0.00	43.20 0.46 0.00	42.72 0.25 0.00	44.10 0.46 0.00	45.97 0.73 0.00	50.71 1.89 0.00	77.78 3.70 0.00	110.23 5.46 0.00	52.19 2.55 0.00	47.52 2.34 0.00	43.57 2.00 0.00
G.F.CEMENT___DRP 24184	32.73 1.19 0.00	31.36 1.35 0.00	34.78 1.57 0.00	36.57 1.64 0.00	38.64 1.70 0.00	47.60 2.10 0.00	65.15 2.80 0.00	50.79 2.32 0.00	43.80 1.90 0.00	40.44 1.76 0.00	42.44 1.68 0.00	44.78 1.72 0.00	46.16 1.69 0.00	44.22 1.26 0.00	44.03 1.29 0.00	43.41 0.94 0.00	44.87 1.23 0.00	46.65 1.41 0.00	50.57 1.75 0.00	76.86 2.78 0.00	108.49 3.71 0.00	51.48 1.85 0.00	46.94 1.76 0.00	42.94 1.37 0.00
GARDENVILLE___LBMP 24039	30.30 -1.24 0.00	28.36 -1.65 0.00	31.54 -1.67 0.00	33.16 -1.78 0.00	35.06 -1.87 0.00	43.32 -2.18 0.00	59.46 -2.89 0.00	35.66 -2.66 10.15	39.72 -2.17 0.00	36.21 -2.48 0.00	38.08 -2.68 0.00	40.19 -2.87 0.00	42.08 -2.39 0.00	40.85 -2.11 0.00	40.37 -2.37 0.00	39.45 -3.02 0.00	40.00 -3.64 0.00	40.59 -4.24 0.41	44.69 -4.13 0.00	69.10 -4.99 0.00	98.58 -6.20 0.00	46.22 -3.42 0.00	42.07 -3.11 0.00	39.18 -2.39 0.00
GARDNVLA_35_KV_LD 355827	30.42 -1.13 0.00	28.46 -1.55 0.00	31.66 -1.55 0.00	33.27 -1.67 0.00	35.18 -1.76 0.00	43.47 -2.03 0.00	59.69 -2.66 0.00	35.89 -2.47 10.11	39.92 -1.98 0.00	36.38 -2.30 0.00	38.25 -2.51 0.00	40.37 -2.70 0.00	42.27 -2.20 0.00	41.03 -1.94 0.00	40.54 -2.20 0.00	39.63 -2.84 0.00	40.18 -3.46 0.00	40.83 -4.05 0.36	44.91 -3.92 0.00	69.35 -4.74 0.00	98.94 -5.84 0.00	46.40 -3.23 0.00	42.22 -2.96 0.00	39.31 -2.27 0.00
GELCKHM___115KV_LOAD 80723	31.10 -0.44 0.00	29.52 -0.49 0.00	32.63 -0.58 0.00	34.32 -0.61 0.00	36.30 -0.63 0.00	44.76 -0.74 0.00	61.46 -0.89 0.00	46.63 -0.70 1.16	41.30 -0.60 0.00	37.97 -0.71 0.00	39.82 -0.94 0.00	42.00 -1.06 0.00	43.45 -1.02 0.00	41.98 -0.98 0.00	41.77 -0.97 0.00	41.53 -0.94 0.00	42.65 -0.99 0.00	44.26 -0.98 0.00	47.85 -0.97 0.00	72.91 -1.18 0.00	103.21 -1.57 0.00	48.80 -0.84 0.00	44.36 -0.81 0.00	40.80 -0.77 0.00
GENERAL___MILLS 23808	30.37 -1.17 0.00	28.43 -1.58 0.00	31.61 -1.60 0.00	33.22 -1.71 0.00	35.13 -1.80 0.00	43.42 -2.08 0.00	59.58 -2.77 0.00	35.79 -2.56 10.12	39.84 -2.07 0.00	36.31 -2.38 0.00	38.17 -2.59 0.00	40.28 -2.78 0.00	42.18 -2.28 0.00	40.94 -2.03 0.00	40.46 -2.28 0.00	39.55 -2.92 0.00	40.11 -3.53 0.00	40.73 -4.13 0.38	44.80 -4.02 0.00	69.24 -4.85 0.00	98.76 -6.02 0.00	46.31 -3.32 0.00	42.16 -3.02 0.00	39.25 -2.32 0.00
GE_PLASTICS___DRP 24183	32.03 0.49 0.00	30.76 0.74 0.00	34.08 0.87 0.00	35.82 0.89 0.00	37.83 0.90 0.00	46.45 0.95 0.00	63.52 1.17 0.00	49.64 1.17 0.00	42.93 1.04 0.00	39.72 1.03 0.00	41.74 0.98 0.00	44.13 1.07 0.00	45.55 1.08 0.00	43.91 0.94 0.00	43.71 0.97 0.00	43.50 1.03 0.00	44.66 1.02 0.00	46.29 1.05 0.00	49.91 1.09 0.00	75.63 1.54 0.00	106.71 1.93 0.00	50.61 0.98 0.00	46.06 0.88 0.00	42.32 0.75 0.00
GILBOA___1 23756	32.34 0.80 0.00	30.84 0.83 0.00	34.19 0.98 0.00	35.92 0.99 0.00	37.93 1.00 0.00	46.51 1.01 0.00	63.66 1.31 0.00	50.84 1.20 -1.17	43.06 1.17 0.00	39.83 1.14 0.00	41.89 1.13 0.00	44.28 1.22 0.00	45.72 1.25 0.00	44.08 1.12 0.00	43.85 1.11 0.00	43.63 1.17 0.00	44.85 1.21 0.00	46.46 1.22 0.00	50.06 1.24 0.00	75.69 1.60 0.00	106.79 2.01 0.00	50.74 1.11 0.00	46.28 1.10 0.00	42.47 0.90 0.00
GILBOA___2 23757	32.34 0.80 0.00	30.84 0.83 0.00	34.19 0.98 0.00	35.92 0.99 0.00	37.93 1.00 0.00	46.51 1.01 0.00	63.66 1.31 0.00	50.84 1.20 -1.17	43.06 1.17 0.00	39.83 1.14 0.00	41.89 1.13 0.00	44.28 1.22 0.00	45.72 1.25 0.00	44.08 1.12 0.00	43.85 1.11 0.00	43.63 1.17 0.00	44.85 1.21 0.00	46.46 1.22 0.00	50.06 1.24 0.00	75.69 1.60 0.00	106.79 2.01 0.00	50.74 1.11 0.00	46.28 1.10 0.00	42.47 0.90 0.00
GILBOA___3 23758	32.34 0.80 0.00	30.84 0.83 0.00	34.19 0.98 0.00	35.92 0.99 0.00	37.93 1.00 0.00	46.51 1.01 0.00	63.66 1.31 0.00	50.84 1.20 -1.17	43.06 1.17 0.00	39.83 1.14 0.00	41.89 1.13 0.00	44.28 1.22 0.00	45.72 1.25 0.00	44.08 1.12 0.00	43.85 1.11 0.00	43.63 1.17 0.00	44.85 1.21 0.00	46.46 1.22 0.00	50.06 1.24 0.00	75.69 1.60 0.00	106.79 2.01 0.00	50.74 1.11 0.00	46.28 1.10 0.00	42.47 0.90 0.00
GILBOA___4 23759	32.34 0.80 0.00	30.84 0.83 0.00	34.19 0.98 0.00	35.92 0.99 0.00	37.93 1.00 0.00	46.51 1.01 0.00	63.66 1.31 0.00	50.84 1.20 -1.17	43.06 1.17 0.00	39.83 1.14 0.00	41.89 1.13 0.00	44.28 1.22 0.00	45.72 1.25 0.00	44.08 1.12 0.00	43.85 1.11 0.00	43.63 1.17 0.00	44.85 1.21 0.00	46.46 1.22 0.00	50.06 1.24 0.00	75.69 1.60 0.00	106.79 2.01 0.00	50.74 1.11 0.00	46.28 1.10 0.00	42.47 0.90 0.00

GILBOA____ 23599	32.34 0.80 0.00	30.85 0.83 0.00	34.19 0.98 0.00	35.92 0.99 0.00	37.93 1.00 0.00	46.51 1.01 0.00	63.67 1.32 0.00	50.84 1.20 -1.17	43.06 1.16 0.00	39.83 1.14 0.00	41.89 1.13 0.00	44.28 1.22 0.00	45.72 1.25 0.00	44.08 1.12 0.00	43.86 1.12 0.00	43.64 1.17 0.00	44.85 1.21 0.00	46.46 1.22 0.00	50.06 1.24 0.00	75.68 1.60 0.00	106.80 2.02 0.00	50.74 1.10 0.00	46.27 1.09 0.00	42.47 0.90 0.00
GINNA____ 23603	31.63 0.09 0.00	29.89 -0.12 0.00	33.08 -0.13 0.00	34.76 -0.17 0.00	36.79 -0.14 0.00	45.43 -0.07 0.00	62.45 0.10 0.00	43.75 -0.11 4.61	41.71 -0.18 0.00	38.20 -0.49 0.00	40.01 -0.75 0.00	42.21 -0.85 0.00	43.87 -0.60 0.00	42.52 -0.45 0.00	42.20 -0.54 0.00	41.69 -0.78 0.00	42.67 -0.97 0.00	44.18 -1.06 0.00	48.05 -0.77 0.00	73.62 -0.47 0.00	104.38 -0.40 0.00	49.16 -0.48 0.00	44.60 -0.58 0.00	41.15 -0.42 0.00
GLEN PARK____ 23778	28.98 -2.56 0.00	27.53 -2.49 0.00	30.79 -2.42 0.00	33.11 -1.82 0.00	35.27 -1.67 0.00	43.55 -1.95 0.00	60.84 -1.51 0.00	46.86 -1.62 0.00	39.73 -2.16 0.00	36.11 -2.57 0.00	37.96 -2.79 0.00	40.04 -3.02 0.00	41.05 -3.42 0.00	40.11 -2.86 0.00	40.00 -2.74 0.00	39.66 -2.81 0.00	40.94 -2.70 0.00	42.39 -2.85 0.00	45.73 -3.09 0.00	72.53 -1.56 0.00	105.33 0.55 0.00	49.78 0.14 0.00	44.58 -0.60 0.00	41.11 -0.46 0.00
GLENDALE_27_KV_LOAD 356172	33.59 2.04 0.00	31.94 1.93 0.00	35.07 1.86 0.00	36.79 1.86 0.00	38.80 1.86 0.00	47.71 2.22 0.00	65.52 3.17 0.00	51.38 2.91 0.00	44.88 2.99 0.00	41.64 2.96 0.00	43.80 3.04 0.00	46.34 3.27 0.00	47.78 3.31 0.00	45.98 3.01 0.00	45.74 3.00 0.00	45.57 3.10 0.00	46.82 3.18 0.00	48.38 3.14 0.00	51.81 2.99 0.00	78.46 4.37 0.00	110.67 5.89 0.00	52.32 2.69 0.00	47.78 2.60 0.00	43.75 2.18 0.00
GLENWOOD_IC_1_G5 23712	37.21 2.12 -3.54	32.79 2.04 -0.73	35.18 1.97 0.00	36.88 1.95 0.00	38.88 1.94 0.00	47.65 2.15 0.00	65.30 2.95 0.00	51.23 2.76 0.00	44.64 2.75 0.00	41.41 2.72 0.00	54.74 2.97 -11.01	46.67 3.29 -0.33	47.67 3.20 0.00	46.00 3.03 0.00	45.78 3.04 0.00	45.59 3.12 0.00	46.82 3.18 0.00	48.26 3.02 0.00	51.78 2.96 0.00	78.46 4.38 0.00	110.33 5.54 0.00	52.24 2.60 0.00	47.63 2.45 0.00	43.78 2.21 0.00
GLENWOOD_IC_2_G1 23688	33.62 1.92 -0.16	31.90 1.85 -0.03	35.00 1.79 0.00	36.69 1.76 0.00	38.68 1.75 0.00	47.46 1.96 0.00	65.12 2.77 0.00	51.04 2.56 0.00	44.44 2.54 0.00	41.23 2.54 0.00	43.98 2.71 -0.51	46.15 3.01 -0.08	47.42 2.96 0.00	45.73 2.76 0.00	45.50 2.76 0.00	45.33 2.86 0.00	46.56 2.92 0.00	48.05 2.81 0.00	51.56 2.74 0.00	78.12 4.03 0.00	109.95 5.17 0.00	52.04 2.40 0.00	47.46 2.28 0.00	43.58 2.01 0.00
GLENWOOD_IC_3_G1 23689	33.62 1.92 -0.16	31.90 1.85 -0.03	35.00 1.79 0.00	36.69 1.76 0.00	38.68 1.75 0.00	47.46 1.96 0.00	65.12 2.77 0.00	51.04 2.56 0.00	44.44 2.54 0.00	41.23 2.54 0.00	43.98 2.71 -0.51	46.15 3.01 -0.08	47.42 2.96 0.00	45.73 2.76 0.00	45.50 2.76 0.00	45.33 2.86 0.00	46.56 2.92 0.00	48.05 2.81 0.00	51.56 2.74 0.00	78.12 4.03 0.00	109.95 5.17 0.00	52.04 2.40 0.00	47.46 2.28 0.00	43.58 2.01 0.00
GLENWOOD___4 23550	37.21 2.12 -3.54	32.79 2.04 -0.73	35.18 1.97 0.00	36.88 1.95 0.00	38.88 1.94 0.00	47.65 2.15 0.00	65.30 2.95 0.00	51.23 2.76 0.00	44.64 2.75 0.00	41.41 2.72 0.00	54.74 2.97 -11.01	46.67 3.29 -0.33	47.67 3.20 0.00	46.00 3.03 0.00	45.78 3.04 0.00	45.59 3.12 0.00	46.82 3.18 0.00	48.26 3.02 0.00	51.78 2.96 0.00	78.46 4.38 0.00	110.33 5.54 0.00	52.24 2.60 0.00	47.63 2.45 0.00	43.78 2.21 0.00
GLENWOOD___5 23614	37.21 2.12 -3.54	32.79 2.04 -0.73	35.18 1.97 0.00	36.88 1.95 0.00	38.88 1.94 0.00	47.65 2.15 0.00	65.30 2.95 0.00	51.23 2.76 0.00	44.64 2.75 0.00	41.41 2.72 0.00	54.74 2.97 -11.01	46.67 3.29 -0.33	47.67 3.20 0.00	46.00 3.03 0.00	45.78 3.04 0.00	45.59 3.12 0.00	46.82 3.18 0.00	48.26 3.02 0.00	51.78 2.96 0.00	78.46 4.38 0.00	110.33 5.54 0.00	52.24 2.60 0.00	47.63 2.45 0.00	43.78 2.21 0.00
GLOBAL GREEN_PORT_GT1 23814	36.60 2.85 -2.21	33.30 2.82 -0.46	35.88 2.67 0.00	37.53 2.60 0.00	39.41 2.47 0.00	48.71 3.21 0.00	69.74 4.81 -2.58	53.53 4.45 -0.60	46.28 4.33 -0.67	43.47 4.11 -0.67	51.98 4.35 -6.87	48.39 5.06 -0.27	49.27 4.71 -0.09	47.71 4.75 0.00	47.52 4.78 0.00	47.29 4.82 0.00	48.52 4.77 -0.10	53.61 4.60 -3.77	57.99 4.74 -4.42	89.99 7.30 -8.60	125.09 8.67 -11.64	55.68 4.20 -1.84	48.97 3.59 -0.21	44.95 3.29 -0.09
GLOBE___DSASP 323697	29.85 -1.69 0.00	28.01 -2.01 0.00	31.10 -2.11 0.00	32.63 -2.29 0.00	34.48 -2.45 0.00	42.52 -2.98 0.00	58.07 -4.28 0.00	35.55 -3.95 8.98	38.54 -3.36 0.00	35.21 -3.47 0.00	37.01 -3.75 0.00	39.02 -4.04 0.00	40.90 -3.57 0.00	39.90 -3.07 0.00	38.72 -3.13 0.00	38.72 -3.75 0.00	39.22 -4.41 0.00	39.73 -5.21 0.30	43.36 -5.46 0.00	66.48 -7.61 0.00	94.40 -10.38 0.00	44.42 -5.21 0.00	40.61 -4.57 0.00	38.18 -3.39 0.00
GOETHSLN___LBMP 323567	33.27 1.73 0.00	31.67 1.65 0.00	34.80 1.59 0.00	36.51 1.58 0.00	38.49 1.55 0.00	47.37 1.87 0.00	65.10 2.75 0.00	50.97 2.50 0.00	44.39 2.49 0.00	41.17 2.49 0.00	43.33 2.57 0.00	45.86 2.80 0.00	47.31 2.84 0.00	45.52 2.56 0.00	45.28 2.54 0.00	45.11 2.65 0.00	46.39 2.75 0.00	47.96 2.72 0.00	51.36 2.54 0.00	77.81 3.72 0.00	109.79 5.01 0.00	51.89 2.26 0.00	47.38 2.20 0.00	43.39 1.82 0.00
GOLAH___69_KV_TB 1_2 80279	31.64 0.10 0.00	29.84 -0.17 0.00	33.03 -0.18 0.00	34.70 -0.23 0.00	36.73 -0.21 0.00	45.45 -0.05 0.00	62.39 0.04 0.00	42.83 -0.27 5.38	41.51 -0.38 0.00	37.85 -0.84 0.00	39.64 -1.12 0.00	41.81 -1.25 0.00	43.52 -0.96 0.00	42.22 -0.74 0.00	41.92 -0.82 0.00	41.32 -1.14 0.00	42.17 -1.46 0.00	43.55 -1.65 0.04	47.52 -1.29 0.00	73.13 -0.96 0.00	103.88 -0.90 0.00	48.87 -0.77 0.00	44.35 -0.82 0.00	41.00 -0.57 0.00
GOODYEAR_LAKE_HYD 323669	32.60 1.06 0.00	30.91 0.91 0.00	34.22 1.00 0.00	35.98 1.05 0.00	38.04 1.10 0.00	46.93 1.43 0.00	64.55 2.20 0.00	52.89 1.73 -2.68	43.47 1.57 0.00	40.03 1.35 0.00	42.04 1.28 0.00	44.25 1.19 0.00	45.74 1.27 0.00	44.21 1.25 0.00	43.98 1.24 0.00	43.80 1.33 0.00	45.09 1.45 0.00	46.66 1.41 0.00	50.57 1.75 0.00	76.88 2.80 0.00	108.66 3.88 0.00	51.43 1.79 0.00	46.82 1.65 0.00	42.95 1.38 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.73 0.19 0.00	30.11 0.09 0.00	33.33 0.11 0.00	35.04 0.11 0.00	37.05 0.11 0.00	45.67 0.17 0.00	62.80 0.45 0.00	59.30 0.29 -10.53	42.25 0.35 0.00	38.87 0.19 0.00	40.74 -0.02 0.00	42.86 -0.20 0.00	44.41 -0.06 0.00	42.91 -0.05 0.00	42.67 -0.08 0.00	42.38 -0.08 0.00	43.53 -0.11 0.00	45.13 -0.11 0.00	48.82 0.00 0.00	74.52 0.43 0.00	105.56 0.78 0.00	49.83 0.20 0.00	45.33 0.15 0.00	41.64 0.07 0.00

GOWANUS_GT4_5 24134	33.59 2.05 0.00	31.90 1.88 0.00	35.05 1.84 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.38 3.03 0.00	51.37 2.89 0.00	44.82 2.92 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.82 0.00	78.26 4.18 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.80 2.62 0.00	43.78 2.22 0.00
GOWANUS_GT4_6 24135	33.59 2.05 0.00	31.90 1.88 0.00	35.05 1.84 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.38 3.03 0.00	51.37 2.89 0.00	44.82 2.92 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.82 0.00	78.26 4.18 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.80 2.62 0.00	43.78 2.22 0.00
GOWANUS_GT4_7 24136	33.59 2.05 0.00	31.90 1.88 0.00	35.05 1.84 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.38 3.03 0.00	51.37 2.89 0.00	44.82 2.92 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.82 0.00	78.26 4.18 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.80 2.62 0.00	43.78 2.22 0.00
GOWANUS_GT4_8 24137	33.59 2.05 0.00	31.90 1.88 0.00	35.05 1.84 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.38 3.03 0.00	51.37 2.89 0.00	44.82 2.92 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.82 0.00	78.26 4.18 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.80 2.62 0.00	43.78 2.22 0.00
GREATVR_69_KV_BK1 356245	36.42 2.59 -2.28	32.96 2.47 -0.47	35.57 2.36 0.00	37.25 2.31 0.00	39.22 2.28 0.00	47.81 2.31 0.00	67.53 3.18 -2.00	52.06 3.12 -0.46	45.12 3.17 -0.05	42.27 3.07 -0.52	51.26 3.41 -7.09	47.25 3.92 -0.27	48.14 3.59 -0.07	46.60 3.64 0.00	46.44 3.70 0.00	46.23 3.76 0.00	47.43 3.71 -0.08	51.60 3.44 -2.91	55.66 3.42 -3.42	85.90 5.16 -6.65	119.73 5.95 -9.00	53.97 2.91 -1.42	47.99 2.65 -0.16	44.30 2.66 -0.07
GREENBSH_115KV_TB3 55895	32.11 0.57 0.00	30.74 0.73 0.00	34.01 0.80 0.00	35.75 0.82 0.00	37.77 0.83 0.00	46.34 0.84 0.00	63.32 0.97 0.00	49.56 1.08 0.00	42.83 0.93 0.00	39.62 0.94 0.00	41.62 0.86 0.00	44.01 0.95 0.00	45.41 0.94 0.00	43.77 0.81 0.00	43.58 0.84 0.00	43.39 0.92 0.00	44.53 0.90 0.00	46.17 0.93 0.00	49.77 0.95 0.00	75.41 1.32 0.00	106.34 1.55 0.00	50.46 0.82 0.00	45.90 0.72 0.00	42.19 0.62 0.00
GREENDGE_115KV_TB5 80291	30.87 -0.67 0.00	29.08 -0.94 0.00	32.27 -0.94 0.00	33.95 -0.98 0.00	35.96 -0.97 0.00	44.35 -1.15 0.00	61.31 -1.04 0.00	35.56 -0.70 12.22	41.22 -0.67 0.00	37.64 -1.04 0.00	39.07 -1.69 0.00	41.03 -2.03 0.00	42.71 -1.76 0.00	41.39 -1.57 0.00	41.02 -1.72 0.00	40.43 -2.04 0.00	41.44 -2.20 0.00	43.24 -2.48 -0.48	46.61 -2.22 0.00	72.45 -1.64 0.00	103.52 -1.27 0.00	48.70 -0.93 0.00	44.23 -0.94 0.00	40.77 -0.80 0.00
GREENIDGE__3 23582	30.87 -0.67 0.00	29.08 -0.94 0.00	32.27 -0.94 0.00	33.95 -0.98 0.00	35.96 -0.97 0.00	44.35 -1.15 0.00	61.31 -1.04 0.00	35.56 -0.70 12.22	41.22 -0.67 0.00	37.64 -1.04 0.00	39.07 -1.69 0.00	41.03 -2.03 0.00	42.71 -1.76 0.00	41.39 -1.57 0.00	41.02 -1.72 0.00	40.43 -2.04 0.00	41.44 -2.20 0.00	43.24 -2.48 -0.48	46.61 -2.22 0.00	72.45 -1.64 0.00	103.52 -1.27 0.00	48.70 -0.93 0.00	44.23 -0.94 0.00	40.77 -0.80 0.00
GREENIDGE__4 23583	30.87 -0.67 0.00	29.08 -0.94 0.00	32.27 -0.94 0.00	33.95 -0.98 0.00	35.97 -0.97 0.00	44.36 -1.14 0.00	61.32 -1.03 0.00	35.51 -0.74 12.22	41.22 -0.67 0.00	37.64 -1.04 0.00	39.06 -1.70 0.00	41.03 -2.03 0.00	42.71 -1.76 0.00	41.39 -1.57 0.00	41.01 -1.73 0.00	40.43 -2.04 0.00	41.44 -2.20 0.00	43.25 -2.47 -0.48	46.60 -2.22 0.00	72.44 -1.65 0.00	103.51 -1.27 0.00	48.71 -0.93 0.00	44.23 -0.95 0.00	40.77 -0.80 0.00
GREENLWN_69_KV_BK 3 55738	35.81 2.01 -2.26	32.44 1.96 -0.47	35.02 1.81 0.00	36.68 1.75 0.00	38.62 1.68 0.00	46.93 1.43 0.00	61.82 1.75 2.29	49.93 1.99 0.53	40.25 2.15 0.05	50.30 2.17 0.60	46.20 2.52 -7.02	47.02 2.94 -0.20	45.61 2.64 0.08	45.48 2.65 0.00	45.27 2.74 0.00	46.26 2.72 0.09	44.28 2.37 3.33	47.17 2.26 3.91	69.81 3.32 7.60	98.04 3.55 10.29	49.78 1.77 1.63	46.68 1.68 0.18	43.28 1.79 0.08	
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.59 2.05 0.00	31.90 1.88 0.00	35.05 1.84 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.38 3.03 0.00	51.37 2.89 0.00	44.82 2.92 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.82 0.00	78.26 4.18 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.80 2.62 0.00	43.78 2.22 0.00
GRISSOM__SOLAR 323813	33.07 1.53 0.00	31.42 1.40 0.00	34.74 1.53 0.00	36.53 1.60 0.00	38.64 1.71 0.00	47.64 2.14 0.00	65.54 3.19 0.00	51.00 2.53 0.00	43.73 1.83 0.00	39.99 1.31 0.00	41.81 1.06 0.00	43.77 0.71 0.00	44.95 0.48 0.00	43.09 0.12 0.00	42.99 0.25 0.00	42.44 -0.03 0.00	43.78 0.14 0.00	45.86 0.62 0.00	50.64 1.82 0.00	77.71 3.62 0.00	110.09 5.31 0.00	52.13 2.50 0.00	47.44 2.26 0.00	43.50 1.93 0.00
GROVEVILLE__HYD 323602	33.40 1.86 0.00	31.80 1.79 0.00	35.05 1.84 0.00	36.78 1.85 0.00	38.80 1.87 0.00	47.74 2.24 0.00	65.63 3.29 0.00	51.33 2.86 0.00	44.57 2.67 0.00	41.30 2.61 0.00	43.46 2.70 0.00	46.02 2.96 0.00	47.50 3.03 0.00	45.70 2.73 0.00	45.43 2.69 0.00	45.27 2.81 0.00	46.56 2.92 0.00	48.18 2.94 0.00	51.78 2.96 0.00	78.56 4.47 0.00	110.89 6.11 0.00	52.44 2.80 0.00	47.75 2.57 0.00	43.70 2.14 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.26 -0.28 0.00	29.67 -0.35 0.00	32.80 -0.41 0.00	34.50 -0.43 0.00	36.52 -0.42 0.00	45.01 -0.48 0.00	61.84 -0.51 0.00	46.66 -0.41 1.41	41.53 -0.37 0.00	38.18 -0.51 0.00	39.97 -0.79 0.00	42.13 -0.93 0.00	43.58 -0.89 0.00	42.11 -0.85 0.00	41.90 -0.84 0.00	41.68 -0.79 0.00	42.81 -0.82 0.00	44.44 -0.79 0.00	48.08 -0.74 0.00	73.34 -0.75 0.00	103.87 -0.91 0.00	49.09 -0.54 0.00	44.62 -0.56 0.00	41.02 -0.56 0.00
HAMLTNNY_34_KV_TB 80303	31.41 -0.13 0.00	29.80 -0.22 0.00	32.95 -0.26 0.00	34.65 -0.28 0.00	36.68 -0.26 0.00	45.22 -0.28 0.00	62.17 -0.18 0.00	46.42 -0.17 1.89	41.71 -0.19 0.00	38.28 -0.40 0.00	40.00 -0.76 0.00	42.13 -0.93 0.00	43.56 -0.91 0.00	42.11 -0.85 0.00	41.88 -0.87 0.00	41.62 -0.85 0.00	42.77 -0.87 0.00	44.40 -0.84 0.00	48.11 -0.71 0.00	73.61 -0.47 0.00	104.35 -0.43 0.00	49.27 -0.36 0.00	44.75 -0.42 0.00	41.15 -0.42 0.00

HAMPSHIRE___PAPER_HYD 323593	29.42 -2.12 0.00	27.99 -2.02 0.00	31.18 -2.03 0.00	33.21 -1.72 0.00	35.26 -1.67 0.00	43.54 -1.96 0.00	60.10 -2.25 0.00	46.53 -1.95 0.00	39.87 -2.03 0.00	36.53 -2.15 0.00	38.59 -2.17 0.00	40.71 -2.34 0.00	41.89 -2.58 0.00	40.68 -2.28 0.00	40.65 -2.09 0.00	40.38 -2.09 0.00	41.67 -1.97 0.00	43.29 -1.95 0.00	46.61 -2.21 0.00	71.96 -2.13 0.00	103.08 -1.70 0.00	48.80 -0.83 0.00	43.97 -1.21 0.00	40.58 -0.99 0.00
HARDSCRABBLE_WT_PWR 323673	32.23 0.69 0.00	30.66 0.64 0.00	34.02 0.81 0.00	35.73 0.80 0.00	37.74 0.80 0.00	46.35 0.85 0.00	63.48 1.14 0.00	49.49 1.02 0.00	42.71 0.81 0.00	39.35 0.67 0.00	41.08 0.32 0.00	43.11 0.05 0.00	44.33 -0.14 0.00	42.56 -0.41 0.00	42.20 -0.54 0.00	41.90 -0.57 0.00	43.26 -0.38 0.00	45.46 0.22 0.00	49.62 0.80 0.00	75.86 1.77 0.00	107.14 2.35 0.00	50.82 1.19 0.00	46.45 1.27 0.00	42.54 0.97 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.24 1.70 0.00	31.63 1.62 0.00	34.83 1.62 0.00	36.56 1.63 0.00	38.56 1.63 0.00	47.49 1.99 0.00	65.35 3.00 0.00	52.17 2.60 -1.09	44.32 2.42 0.00	41.07 2.38 0.00	43.21 2.46 0.00	45.79 2.73 0.00	47.27 2.80 0.00	45.49 2.52 0.00	45.23 2.49 0.00	45.05 2.58 0.00	46.37 2.73 0.00	47.97 2.73 0.00	51.52 2.70 0.00	78.23 4.14 0.00	110.45 5.67 0.00	52.23 2.60 0.00	47.54 2.37 0.00	43.51 1.94 0.00
HARSNRAD_115KV_TB1 81005	30.22 -1.33 0.00	28.33 -1.69 0.00	31.47 -1.74 0.00	33.04 -1.89 0.00	34.94 -2.00 0.00	43.11 -2.39 0.00	59.01 -3.34 0.00	36.83 -3.08 8.57	39.31 -2.59 0.00	35.84 -2.85 0.00	37.73 -3.03 0.00	39.79 -3.27 0.00	41.70 -2.77 0.00	40.52 -2.44 0.00	40.10 -2.64 0.00	39.21 -3.26 0.00	39.66 -3.98 0.00	40.30 -4.66 0.29	44.22 -4.60 0.00	68.11 -5.98 0.00	96.92 -7.86 0.00	45.55 -4.08 0.00	41.53 -3.65 0.00	38.79 -2.78 0.00
HARZA MOOSE___RIVER 24016	30.62 -0.92 0.00	29.10 -0.92 0.00	32.41 -0.80 0.00	34.55 -0.38 0.00	36.69 -0.25 0.00	45.26 -0.24 0.00	62.62 0.27 0.00	48.52 0.05 0.00	41.69 -0.21 0.00	38.01 -0.67 0.00	39.90 -0.86 0.00	41.93 -1.13 0.00	43.21 -1.26 0.00	41.91 -1.05 0.00	41.76 -0.98 0.00	41.53 -0.93 0.00	43.02 -0.62 0.00	44.87 -0.36 0.00	48.29 -0.53 0.00	74.70 0.61 0.00	106.78 2.00 0.00	50.47 0.84 0.00	45.50 0.32 0.00	41.89 0.32 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.14 -0.40 0.00	29.55 -0.46 0.00	32.67 -0.54 0.00	34.35 -0.58 0.00	36.35 -0.58 0.00	44.81 -0.69 0.00	61.53 -0.82 0.00	47.84 -0.63 0.00	41.37 -0.53 0.00	38.04 -0.64 0.00	39.90 -0.86 0.00	42.08 -0.98 0.00	43.54 -0.93 0.00	42.07 -0.89 0.00	41.86 -0.88 0.00	41.61 -0.86 0.00	42.74 -0.90 0.00	44.33 -0.90 0.00	47.93 -0.88 0.00	73.04 -1.04 0.00	103.35 -1.43 0.00	48.86 -0.77 0.00	44.43 -0.75 0.00	40.84 -0.73 0.00
HELLGATE_13_KV_LD 55870	33.60 2.05 0.00	31.97 1.95 0.00	35.10 1.89 0.00	36.82 1.89 0.00	38.83 1.89 0.00	47.75 2.25 0.00	65.59 3.24 0.00	51.45 2.98 0.00	44.94 3.04 0.00	41.67 2.98 0.00	43.83 3.07 0.00	46.37 3.31 0.00	47.83 3.35 0.00	46.02 3.06 0.00	45.78 3.04 0.00	45.61 3.14 0.00	46.86 3.22 0.00	48.42 3.18 0.00	51.84 3.02 0.00	78.52 4.44 0.00	110.77 5.99 0.00	52.38 2.74 0.00	47.82 2.65 0.00	43.78 2.21 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.60 2.05 0.00	31.97 1.95 0.00	35.10 1.89 0.00	36.82 1.89 0.00	38.83 1.89 0.00	47.75 2.25 0.00	65.59 3.24 0.00	51.45 2.98 0.00	44.94 3.04 0.00	41.67 2.98 0.00	43.83 3.07 0.00	46.37 3.31 0.00	47.83 3.35 0.00	46.02 3.06 0.00	45.78 3.04 0.00	45.61 3.14 0.00	46.86 3.22 0.00	48.42 3.18 0.00	51.84 3.02 0.00	78.52 4.44 0.00	110.77 5.99 0.00	52.38 2.74 0.00	47.82 2.65 0.00	43.78 2.21 0.00
HEMPSTEAD___ 23647	36.92 2.21 -3.17	32.79 2.13 -0.65	35.24 2.03 0.00	36.93 2.00 0.00	38.91 1.97 0.00	47.57 2.07 0.00	65.11 2.76 0.00	51.15 2.67 0.00	44.62 2.72 0.00	41.37 2.69 0.00	53.59 2.99 -9.84	46.71 3.35 -0.30	47.67 3.20 0.00	46.07 3.10 0.00	45.86 3.11 0.00	45.67 3.21 0.00	46.86 3.23 0.00	48.22 2.98 0.00	51.76 2.93 0.00	78.39 4.30 0.00	110.02 5.24 0.00	52.14 2.50 0.00	47.55 2.37 0.00	43.82 2.25 0.00
HICKLING___1 23621	30.18 -1.36 0.00	28.36 -1.66 0.00	31.54 -1.67 0.00	33.17 -1.76 0.00	35.12 -1.81 0.00	43.40 -2.10 0.00	60.33 -2.02 0.00	23.14 -1.95 23.39	40.98 -0.91 0.00	37.31 -1.37 0.00	38.69 -2.07 0.00	40.48 -2.58 0.00	42.47 -2.00 0.00	41.23 -1.73 0.00	40.76 -1.98 0.00	40.05 -2.42 0.00	40.80 -2.84 0.00	42.04 -3.36 -0.15	45.46 -3.35 0.00	71.16 -2.93 0.00	102.46 -2.32 0.00	47.71 -1.92 0.00	43.35 -1.83 0.00	39.82 -1.74 0.00
HICKLING___2 23622	30.18 -1.36 0.00	28.36 -1.66 0.00	31.54 -1.67 0.00	33.17 -1.76 0.00	35.12 -1.81 0.00	43.40 -2.10 0.00	60.33 -2.02 0.00	23.14 -1.95 23.39	40.98 -0.91 0.00	37.31 -1.37 0.00	38.69 -2.07 0.00	40.48 -2.58 0.00	42.47 -2.00 0.00	41.23 -1.73 0.00	40.76 -1.98 0.00	40.05 -2.42 0.00	40.80 -2.84 0.00	42.04 -3.36 -0.15	45.46 -3.35 0.00	71.16 -2.93 0.00	102.46 -2.32 0.00	47.71 -1.92 0.00	43.35 -1.83 0.00	39.82 -1.74 0.00
HIGH FALLS___HY 23754	33.47 1.93 0.00	31.83 1.81 0.00	35.08 1.87 0.00	36.83 1.89 0.00	38.85 1.92 0.00	47.87 2.37 0.00	65.89 3.54 0.00	51.52 3.04 0.00	44.73 2.84 0.00	41.44 2.76 0.00	43.64 2.88 0.00	46.24 3.18 0.00	47.67 3.20 0.00	45.61 2.65 0.00	45.40 2.67 0.00	45.25 2.79 0.00	46.59 2.94 0.00	48.19 2.95 0.00	51.75 2.93 0.00	78.57 4.48 0.00	110.97 6.19 0.00	52.73 3.09 0.00	47.99 2.81 0.00	43.88 2.31 0.00
HIGH_RIVER___SOLAR 323847	32.90 1.35 0.00	31.27 1.25 0.00	34.59 1.38 0.00	36.37 1.45 0.00	38.48 1.54 0.00	47.41 1.92 0.00	65.21 2.87 0.00	50.67 2.20 0.00	43.43 1.53 0.00	39.69 1.00 0.00	41.76 1.00 0.00	43.78 0.72 0.00	45.16 0.69 0.00	43.55 0.59 0.00	43.23 0.49 0.00	42.92 0.46 0.00	44.22 0.58 0.00	45.91 0.67 0.00	50.37 1.55 0.00	77.27 3.19 0.00	109.51 4.73 0.00	51.86 2.22 0.00	47.19 2.02 0.00	43.29 1.73 0.00
HILLBURN___GT 23639	33.13 1.59 0.00	31.53 1.52 0.00	34.71 1.49 0.00	36.43 1.50 0.00	38.41 1.47 0.00	47.30 1.80 0.00	65.07 2.72 0.00	50.88 2.41 0.00	44.12 2.23 0.00	40.89 2.20 0.00	43.01 2.25 0.00	45.60 2.54 0.00	47.09 2.62 0.00	45.31 2.35 0.00	45.07 2.33 0.00	44.90 2.43 0.00	46.20 2.56 0.00	47.77 2.54 0.00	51.31 2.49 0.00	77.89 3.80 0.00	109.93 5.15 0.00	51.99 2.35 0.00	47.34 2.16 0.00	43.32 1.74 0.00
HILLSIDE_115KV_TB1 80332	29.93 -1.61 0.00	28.12 -1.89 0.00	31.28 -1.93 0.00	32.86 -2.07 0.00	34.78 -2.16 0.00	42.94 -2.56 0.00	59.70 -2.65 0.00	18.27 -2.66 27.54	40.36 -1.54 0.00	36.81 -1.88 0.00	38.30 -2.46 0.00	40.08 -2.97 0.00	42.11 -2.36 0.00	40.95 -2.01 0.00	40.52 -2.22 0.00	39.86 -2.61 0.00	40.57 -3.07 0.00	41.75 -3.58 -0.09	45.09 -3.73 0.00	70.32 -3.77 0.00	101.03 -3.75 0.00	46.94 -2.70 0.00	42.68 -2.49 0.00	39.13 -2.44 0.00

HISHELDN_WT_PWR 323625	29.78 -1.76 0.00	27.85 -2.17 0.00	31.06 -2.15 0.00	32.72 -2.21 0.00	34.62 -2.32 0.00	42.84 -2.66 0.00	59.01 -3.34 0.00	33.67 -3.05 11.75	39.26 -2.64 0.00	35.79 -2.90 0.00	37.67 -3.08 0.00	39.81 -3.25 0.00	41.68 -2.80 0.00	40.29 -2.68 0.00	39.67 -3.07 0.00	38.72 -3.75 0.00	39.24 -4.41 0.00	39.45 -5.00 0.79	44.04 -4.78 0.00	68.71 -5.37 0.00	98.81 -5.97 0.00	46.34 -3.30 0.00	42.17 -3.01 0.00	39.23 -2.34 0.00
HOLTSVILLE_IC_1 23690	35.94 2.20 -2.21	32.61 2.14 -0.46	35.18 1.97 0.00	36.83 1.89 0.00	38.77 1.83 0.00	47.21 1.72 0.00	67.38 2.32 -2.72	51.54 2.44 -0.63	44.54 2.58 -0.06	41.93 2.54 -0.71	50.41 2.80 -6.85	46.65 3.32 -0.27	47.57 3.00 -0.10	46.03 3.06 0.00	45.89 3.15 0.00	45.66 3.20 0.00	46.86 3.12 -0.11	52.00 2.80 -3.96	56.20 2.73 -4.65	87.18 4.05 -9.04	121.36 4.35 -12.23	53.75 2.18 -1.93	47.39 2.00 -0.22	43.79 2.12 -0.10
HOLTSVILLE_IC_10 23699	36.09 2.33 -2.23	32.72 2.25 -0.46	35.29 2.08 0.00	36.94 2.01 0.00	38.90 1.96 0.00	47.38 1.88 0.00	67.15 2.59 -2.21	51.66 2.67 -0.51	44.75 2.80 -0.05	41.98 2.72 -0.58	50.64 2.98 -6.91	46.87 3.55 -0.26	47.78 3.23 -0.08	46.26 3.29 0.00	46.11 3.37 0.00	45.87 3.40 0.00	47.05 3.32 -0.09	51.48 3.02 -3.23	55.55 2.94 -3.79	85.87 4.42 -7.36	119.58 4.84 -9.97	53.62 2.41 -1.57	47.53 2.17 -0.18	43.94 2.29 -0.08
HOLTSVILLE_IC_2 23691	35.94 2.20 -2.21	32.61 2.14 -0.46	35.18 1.97 0.00	36.83 1.89 0.00	38.77 1.83 0.00	47.21 1.72 0.00	67.38 2.32 -2.72	51.54 2.44 -0.63	44.54 2.58 -0.06	41.93 2.54 -0.71	50.41 2.80 -6.85	46.65 3.32 -0.27	47.57 3.00 -0.10	46.03 3.06 0.00	45.89 3.15 0.00	45.66 3.20 0.00	46.86 3.12 -0.11	52.00 2.80 -3.96	56.20 2.73 -4.65	87.18 4.05 -9.04	121.36 4.35 -12.23	53.75 2.18 -1.93	47.39 2.00 -0.22	43.79 2.12 -0.10
HOLTSVILLE_IC_3 23692	35.94 2.20 -2.21	32.61 2.14 -0.46	35.18 1.97 0.00	36.83 1.89 0.00	38.77 1.83 0.00	47.21 1.72 0.00	67.38 2.32 -2.72	51.54 2.44 -0.63	44.54 2.58 -0.06	41.93 2.54 -0.71	50.41 2.80 -6.85	46.65 3.32 -0.27	47.57 3.00 -0.10	46.03 3.06 0.00	45.89 3.15 0.00	45.66 3.20 0.00	46.86 3.12 -0.11	52.00 2.80 -3.96	56.20 2.73 -4.65	87.18 4.05 -9.04	121.36 4.35 -12.23	53.75 2.18 -1.93	47.39 2.00 -0.22	43.79 2.12 -0.10
HOLTSVILLE_IC_4 23693	35.94 2.20 -2.21	32.61 2.14 -0.46	35.18 1.97 0.00	36.83 1.89 0.00	38.77 1.83 0.00	47.21 1.72 0.00	67.38 2.32 -2.72	51.54 2.44 -0.63	44.54 2.58 -0.06	41.93 2.54 -0.71	50.41 2.80 -6.85	46.65 3.32 -0.27	47.57 3.00 -0.10	46.03 3.06 0.00	45.89 3.15 0.00	45.66 3.20 0.00	46.86 3.12 -0.11	52.00 2.80 -3.96	56.20 2.73 -4.65	87.18 4.05 -9.04	121.36 4.35 -12.23	53.75 2.18 -1.93	47.39 2.00 -0.22	43.79 2.12 -0.10
HOLTSVILLE_IC_5 23694	35.94 2.20 -2.21	32.61 2.14 -0.46	35.18 1.97 0.00	36.83 1.89 0.00	38.77 1.83 0.00	47.21 1.72 0.00	67.38 2.32 -2.72	51.54 2.44 -0.63	44.54 2.58 -0.06	41.93 2.54 -0.71	50.41 2.80 -6.85	46.65 3.32 -0.27	47.57 3.00 -0.10	46.03 3.06 0.00	45.89 3.15 0.00	45.66 3.20 0.00	46.86 3.12 -0.11	52.00 2.80 -3.96	56.20 2.73 -4.65	87.18 4.05 -9.04	121.36 4.35 -12.23	53.75 2.18 -1.93	47.39 2.00 -0.22	43.79 2.12 -0.10
HOLTSVILLE_IC_6 23695	36.09 2.33 -2.23	32.72 2.25 -0.46	35.29 2.08 0.00	36.94 2.01 0.00	38.90 1.96 0.00	47.38 1.88 0.00	67.15 2.59 -2.21	51.66 2.67 -0.51	44.75 2.80 -0.05	41.98 2.72 -0.58	50.64 2.98 -6.91	46.87 3.55 -0.26	47.78 3.23 -0.08	46.26 3.29 0.00	46.11 3.37 0.00	45.87 3.40 0.00	47.05 3.32 -0.09	51.48 3.02 -3.23	55.55 2.94 -3.79	85.87 4.42 -7.36	119.58 4.84 -9.97	53.62 2.41 -1.57	47.53 2.17 -0.18	43.94 2.29 -0.08
HOLTSVILLE_IC_7 23696	36.09 2.33 -2.23	32.72 2.25 -0.46	35.29 2.08 0.00	36.94 2.01 0.00	38.90 1.96 0.00	47.38 1.88 0.00	67.15 2.59 -2.21	51.66 2.67 -0.51	44.75 2.80 -0.05	41.98 2.72 -0.58	50.64 2.98 -6.91	46.87 3.55 -0.26	47.78 3.23 -0.08	46.26 3.29 0.00	46.11 3.37 0.00	45.87 3.40 0.00	47.05 3.32 -0.09	51.48 3.02 -3.23	55.55 2.94 -3.79	85.87 4.42 -7.36	119.58 4.84 -9.97	53.62 2.41 -1.57	47.53 2.17 -0.18	43.94 2.29 -0.08
HOLTSVILLE_IC_8 23697	36.09 2.33 -2.23	32.72 2.25 -0.46	35.29 2.08 0.00	36.94 2.01 0.00	38.90 1.96 0.00	47.38 1.88 0.00	67.15 2.59 -2.21	51.66 2.67 -0.51	44.75 2.80 -0.05	41.98 2.72 -0.58	50.64 2.98 -6.91	46.87 3.55 -0.26	47.78 3.23 -0.08	46.26 3.29 0.00	46.11 3.37 0.00	45.87 3.40 0.00	47.05 3.32 -0.09	51.48 3.02 -3.23	55.55 2.94 -3.79	85.87 4.42 -7.36	119.58 4.84 -9.97	53.62 2.41 -1.57	47.53 2.17 -0.18	43.94 2.29 -0.08
HOLTSVILLE_IC_9 23698	36.09 2.33 -2.23	32.72 2.25 -0.46	35.29 2.08 0.00	36.94 2.01 0.00	38.90 1.96 0.00	47.38 1.88 0.00	67.15 2.59 -2.21	51.66 2.67 -0.51	44.75 2.80 -0.05	41.98 2.72 -0.58	50.64 2.98 -6.91	46.87 3.55 -0.26	47.78 3.23 -0.08	46.26 3.29 0.00	46.11 3.37 0.00	45.87 3.40 0.00	47.05 3.32 -0.09	51.48 3.02 -3.23	55.55 2.94 -3.79	85.87 4.42 -7.36	119.58 4.84 -9.97	53.62 2.41 -1.57	47.53 2.17 -0.18	43.94 2.29 -0.08
HOMER_HL_115KV_TB2 355744	30.33 -1.21 0.00	28.52 -1.50 0.00	31.68 -1.53 0.00	33.31 -1.63 0.00	35.23 -1.71 0.00	43.49 -2.01 0.00	59.89 -2.46 0.00	34.90 -2.10 11.48	40.07 -1.83 0.00	36.62 -2.06 0.00	38.33 -2.43 0.00	40.53 -2.52 0.00	42.59 -1.88 0.00	41.37 -1.59 0.00	40.90 -1.84 0.00	40.16 -2.31 0.00	40.86 -2.78 0.00	41.61 -3.31 0.32	45.44 -3.38 0.00	70.60 -3.49 0.00	100.78 -4.01 0.00	47.04 -2.60 0.00	42.69 -2.49 0.00	39.45 -2.13 0.00
HOWARD_WT_PWR 323690	29.31 -2.23 0.00	27.19 -2.83 0.00	30.39 -2.82 0.00	32.09 -2.84 0.00	33.91 -3.02 0.00	42.11 -3.39 0.00	58.78 -3.58 0.00	30.94 -2.91 14.62	38.98 -2.92 0.00	35.93 -2.76 0.00	37.92 -2.84 0.00	40.01 -3.05 0.00	41.82 -2.65 0.00	40.25 -2.71 0.00	39.50 -3.24 0.00	38.23 -4.24 0.00	38.81 -4.83 0.00	40.66 -5.73 -1.14	43.08 -5.74 0.00	69.29 -4.80 0.00	101.94 -2.84 0.00	47.85 -1.79 0.00	43.51 -1.66 0.00	40.33 -1.24 0.00
HQ_GEN_CEDARS 23644	31.21 -0.34 0.00	29.70 -0.31 0.00	32.92 -0.30 0.00	34.67 -0.27 0.00	36.70 -0.24 0.00	45.31 -0.19 0.00	62.00 -0.35 0.00	48.10 -0.38 0.00	41.44 -0.46 0.00	38.29 -0.40 0.00	40.61 -0.15 0.00	42.93 -0.13 0.00	44.28 -0.19 0.00	42.87 -0.09 0.00	42.68 -0.06 0.00	42.39 -0.08 0.00	43.56 -0.08 0.00	45.18 -0.06 0.00	48.76 -0.06 0.00	74.09 0.00 0.00	105.17 0.39 0.00	49.82 0.19 0.00	45.14 -0.04 0.00	41.67 0.10 0.00
HQ_GEN_CEDARS_PROXY 323590	31.21 -0.34 0.00	29.70 -0.31 0.00	32.92 -0.30 0.00	34.67 -0.26 0.00	36.70 -0.24 0.00	45.30 -0.20 0.00	62.00 -0.35 0.00	48.10 -0.38 0.00	41.44 -0.46 0.00	38.29 -0.40 0.00	40.61 -0.14 0.00	42.93 -0.13 0.00	44.28 -0.19 0.00	42.87 -0.09 0.00	42.68 -0.06 0.00	42.39 -0.08 0.00	43.56 -0.08 0.00	45.18 -0.06 0.00	48.76 -0.06 0.00	74.10 0.01 0.00	105.18 0.39 0.00	49.82 0.19 0.00	45.15 -0.03 0.00	41.68 0.10 0.00

HQ_GEN_CHPE_PROXY 323851	33.32 1.78 0.00	31.71 1.70 0.00	34.85 1.64 0.00	36.55 1.62 0.00	38.54 1.60 0.00	47.42 1.92 0.00	65.16 2.81 0.00	46.98 2.54 4.04	44.45 2.55 0.00	41.25 2.56 0.00	43.41 2.65 0.00	46.11 2.89 -0.15	47.41 2.94 0.00	45.61 2.65 0.00	45.38 2.64 0.00	45.20 2.73 0.00	46.48 2.84 0.00	48.04 2.80 0.00	51.48 2.66 0.00	77.97 3.88 0.00	109.99 5.21 0.00	52.01 2.37 0.00	47.45 2.28 0.00	43.45 1.88 0.00
HQ_GEN_IMPORT 323601	31.55 0.01 0.00	30.03 0.02 0.00	33.25 0.04 0.00	34.98 0.04 0.00	37.00 0.06 0.00	45.62 0.12 0.00	62.48 0.13 0.00	44.42 -0.02 4.04	41.83 -0.06 0.00	38.67 -0.02 0.00	40.89 0.13 0.00	43.38 0.17 -0.15	44.61 0.14 0.00	43.16 0.19 0.00	42.93 0.19 0.00	42.64 0.17 0.00	43.81 0.17 0.00	45.41 0.17 0.00	48.98 0.16 0.00	74.20 0.12 0.00	104.99 0.21 0.00	49.75 0.11 0.00	45.28 0.10 0.00	41.73 0.16 0.00
HQ_GEN_WHEEL 23651	31.55 0.01 0.00	30.03 0.02 0.00	33.25 0.04 0.00	34.98 0.04 0.00	37.00 0.06 0.00	45.62 0.12 0.00	62.48 0.13 0.00	44.42 -0.02 4.04	41.83 -0.06 0.00	38.67 -0.02 0.00	40.89 0.13 0.00	43.38 0.17 -0.15	44.61 0.14 0.00	43.16 0.19 0.00	42.93 0.19 0.00	42.64 0.17 0.00	43.81 0.17 0.00	45.41 0.17 0.00	48.98 0.16 0.00	74.20 0.12 0.00	104.99 0.21 0.00	49.75 0.11 0.00	45.28 0.10 0.00	41.73 0.16 0.00
HUDSON AVE_GT_3 23810	33.40 1.85 0.00	31.78 1.77 0.00	34.93 1.72 0.00	36.64 1.71 0.00	38.64 1.70 0.00	47.54 2.04 0.00	65.35 3.00 0.00	51.18 2.70 0.00	44.59 2.70 0.00	41.38 2.69 0.00	43.54 2.78 0.00	46.09 3.04 0.00	47.55 3.08 0.00	45.77 2.80 0.00	45.52 2.79 0.00	45.35 2.88 0.00	46.62 2.98 0.00	48.19 2.95 0.00	51.62 2.80 0.00	78.22 4.13 0.00	110.34 5.55 0.00	52.15 2.52 0.00	47.59 2.41 0.00	43.57 2.00 0.00
HUDSON AVE_GT_4 23540	33.40 1.85 0.00	31.78 1.77 0.00	34.93 1.72 0.00	36.64 1.71 0.00	38.64 1.70 0.00	47.54 2.04 0.00	65.35 3.00 0.00	51.18 2.70 0.00	44.59 2.70 0.00	41.38 2.69 0.00	43.54 2.78 0.00	46.09 3.04 0.00	47.55 3.08 0.00	45.77 2.80 0.00	45.52 2.79 0.00	45.35 2.88 0.00	46.62 2.98 0.00	48.19 2.95 0.00	51.62 2.80 0.00	78.22 4.13 0.00	110.34 5.55 0.00	52.15 2.52 0.00	47.59 2.41 0.00	43.57 2.00 0.00
HUDSON AVE_GT_5 23657	33.40 1.85 0.00	31.78 1.77 0.00	34.93 1.72 0.00	36.64 1.71 0.00	38.64 1.70 0.00	47.54 2.04 0.00	65.35 3.00 0.00	51.18 2.70 0.00	44.59 2.70 0.00	41.38 2.69 0.00	43.54 2.78 0.00	46.09 3.04 0.00	47.55 3.08 0.00	45.77 2.80 0.00	45.52 2.79 0.00	45.35 2.88 0.00	46.62 2.98 0.00	48.19 2.95 0.00	51.62 2.80 0.00	78.22 4.13 0.00	110.34 5.55 0.00	52.15 2.52 0.00	47.59 2.41 0.00	43.57 2.00 0.00
HUDSON_AVE_10 24168	33.23 1.69 0.00	31.65 1.63 0.00	34.76 1.55 0.00	36.46 1.53 0.00	38.43 1.50 0.00	47.32 1.82 0.00	65.02 2.67 0.00	50.90 2.42 0.00	44.37 2.47 0.00	41.17 2.49 0.00	43.32 2.57 0.00	45.88 2.82 0.00	47.34 2.87 0.00	45.52 2.56 0.00	45.28 2.54 0.00	45.11 2.65 0.00	46.39 2.76 0.00	47.96 2.72 0.00	51.39 2.57 0.00	77.84 3.75 0.00	109.85 5.07 0.00	51.91 2.28 0.00	47.39 2.21 0.00	43.36 1.79 0.00
HUDSON___115KV_TB 4 355613	32.68 1.13 0.00	31.29 1.27 0.00	34.64 1.43 0.00	36.42 1.49 0.00	38.48 1.55 0.00	47.27 1.77 0.00	64.75 2.39 0.00	50.73 2.25 0.00	43.81 1.91 0.00	40.50 1.81 0.00	42.51 1.74 0.00	44.86 1.80 0.00	46.25 1.79 0.00	44.57 1.60 0.00	44.34 1.60 0.00	44.07 1.60 0.00	45.16 1.52 0.00	46.90 1.66 0.00	50.66 1.84 0.00	77.11 3.02 0.00	108.94 4.16 0.00	51.59 1.95 0.00	46.85 1.67 0.00	43.01 1.44 0.00
HUNTER MOUNT___DRP 323613	32.71 1.17 0.00	31.34 1.33 0.00	34.72 1.50 0.00	36.51 1.57 0.00	38.59 1.65 0.00	47.43 1.93 0.00	64.99 2.65 0.00	50.95 2.47 0.00	43.99 2.10 0.00	40.63 1.95 0.00	42.61 1.85 0.00	44.94 1.88 0.00	46.35 1.88 0.00	44.67 1.71 0.00	44.42 1.68 0.00	44.15 1.68 0.00	45.24 1.60 0.00	46.96 1.72 0.00	50.76 1.94 0.00	77.37 3.28 0.00	109.33 4.55 0.00	51.75 2.11 0.00	47.00 1.82 0.00	43.12 1.55 0.00
HUNTINGTON_RES_REC 323705	35.91 2.14 -2.23	32.55 2.08 -0.46	35.12 1.91 0.00	36.78 1.85 0.00	38.72 1.79 0.00	47.09 1.60 0.00	63.82 2.09 0.62	50.60 2.26 0.14	44.29 2.41 0.01	40.91 2.39 0.16	50.39 2.70 -6.93	46.47 3.19 -0.22	47.29 2.85 0.02	45.85 2.89 0.00	45.72 2.98 0.00	45.49 3.02 0.00	46.56 2.94 0.02	46.96 2.62 0.90	50.31 2.54 1.06	75.80 3.76 2.05	106.09 4.09 2.78	51.23 2.04 0.44	47.00 1.88 0.05	43.55 2.00 0.02
HUNTLEY___63 23557	30.43 -1.11 0.00	28.53 -1.48 0.00	31.69 -1.52 0.00	33.28 -1.65 0.00	35.18 -1.76 0.00	43.44 -2.06 0.00	59.42 -2.93 0.00	36.55 -2.75 9.17	39.59 -2.31 0.00	36.12 -2.57 0.00	37.98 -2.78 0.00	40.06 -3.00 0.00	41.98 -2.49 0.00	40.84 -2.13 0.00	40.43 -2.31 0.00	39.53 -2.93 0.00	40.03 -3.61 0.00	40.66 -4.27 0.31	44.59 -4.23 0.00	68.58 -5.50 0.00	97.55 -7.23 0.00	45.84 -3.79 0.00	41.80 -3.38 0.00	39.10 -2.47 0.00
HUNTLEY___64 23558	30.43 -1.11 0.00	28.53 -1.48 0.00	31.69 -1.52 0.00	33.28 -1.65 0.00	35.18 -1.76 0.00	43.44 -2.06 0.00	59.42 -2.93 0.00	36.55 -2.75 9.17	39.59 -2.31 0.00	36.12 -2.57 0.00	37.98 -2.78 0.00	40.06 -3.00 0.00	41.98 -2.49 0.00	40.84 -2.13 0.00	40.43 -2.31 0.00	39.53 -2.93 0.00	40.03 -3.61 0.00	40.66 -4.27 0.31	44.59 -4.23 0.00	68.58 -5.50 0.00	97.55 -7.23 0.00	45.84 -3.79 0.00	41.80 -3.38 0.00	39.10 -2.47 0.00
HUNTLEY___65 23559	30.43 -1.11 0.00	28.53 -1.48 0.00	31.69 -1.52 0.00	33.28 -1.65 0.00	35.18 -1.76 0.00	43.44 -2.06 0.00	59.42 -2.93 0.00	36.55 -2.75 9.17	39.59 -2.31 0.00	36.12 -2.57 0.00	37.98 -2.78 0.00	40.06 -3.00 0.00	41.98 -2.49 0.00	40.84 -2.13 0.00	40.43 -2.31 0.00	39.53 -2.93 0.00	40.03 -3.61 0.00	40.66 -4.27 0.31	44.59 -4.23 0.00	68.58 -5.50 0.00	97.55 -7.23 0.00	45.84 -3.79 0.00	41.80 -3.38 0.00	39.10 -2.47 0.00
HUNTLEY___66 23560	30.43 -1.11 0.00	28.53 -1.48 0.00	31.69 -1.52 0.00	33.28 -1.65 0.00	35.18 -1.76 0.00	43.44 -2.06 0.00	59.42 -2.93 0.00	36.55 -2.75 9.17	39.59 -2.31 0.00	36.12 -2.57 0.00	37.98 -2.78 0.00	40.06 -3.00 0.00	41.98 -2.49 0.00	40.84 -2.13 0.00	40.43 -2.31 0.00	39.53 -2.93 0.00	40.03 -3.61 0.00	40.66 -4.27 0.31	44.59 -4.23 0.00	68.58 -5.50 0.00	97.55 -7.23 0.00	45.84 -3.79 0.00	41.80 -3.38 0.00	39.10 -2.47 0.00
HUNTLEY___67 23561	30.21 -1.33 0.00	28.31 -1.70 0.00	31.46 -1.75 0.00	33.04 -1.89 0.00	34.93 -2.01 0.00	43.11 -2.39 0.00	59.07 -3.28 0.00	35.86 -3.02 9.59	39.43 -2.47 0.00	35.99 -2.70 0.00	37.84 -2.92 0.00	39.94 -3.12 0.00	41.82 -2.65 0.00	40.64 -2.33 0.00	40.20 -2.54 0.00	39.31 -3.15 0.00	39.85 -3.79 0.00	40.45 -4.43 0.36	44.41 -4.41 0.00	68.40 -5.69 0.00	97.41 -7.37 0.00	45.71 -3.93 0.00	41.64 -3.54 0.00	38.85 -2.72 0.00

HUNTLEY___68 23562	30.21 -1.33 0.00	28.31 -1.70 0.00	31.46 -1.75 0.00	33.04 -1.89 0.00	34.93 -2.01 0.00	43.11 -2.39 0.00	59.07 -3.28 0.00	35.86 -3.02 9.59	39.43 -2.47 0.00	35.99 -2.70 0.00	37.84 -2.92 0.00	39.94 -3.12 0.00	41.82 -2.65 0.00	40.64 -2.33 0.00	40.20 -2.54 0.00	39.31 -3.15 0.00	39.85 -3.79 0.00	40.45 -4.43 0.36	44.41 -4.41 0.00	68.40 -5.69 0.00	97.41 -7.37 0.00	45.71 -3.93 0.00	41.64 -3.54 0.00	38.85 -2.72 0.00
HYLAND___LFGE 323620	32.01 0.47 0.00	30.04 0.03 0.00	33.34 0.13 0.00	35.11 0.18 0.00	37.20 0.26 0.00	46.14 0.64 0.00	63.96 1.62 0.00	38.48 0.91 10.91	41.80 -0.09 0.00	37.59 -1.09 0.00	39.35 -1.41 0.00	41.57 -1.49 0.00	43.52 -0.95 0.00	42.26 -0.71 0.00	41.62 -1.12 0.00	40.76 -1.71 0.00	41.60 -2.05 0.00	43.78 -2.48 -1.02	46.72 -2.09 0.00	74.18 0.09 0.00	107.99 3.21 0.00	50.71 1.08 0.00	45.85 0.67 0.00	42.31 0.74 0.00
INDECK___CORINTH 23802	32.26 0.72 0.00	30.91 0.90 0.00	34.27 1.05 0.00	36.03 1.10 0.00	38.08 1.15 0.00	46.91 1.41 0.00	64.19 1.84 0.00	50.05 1.57 0.00	43.17 1.27 0.00	39.88 1.20 0.00	41.87 1.11 0.00	44.16 1.10 0.00	45.52 1.05 0.00	43.55 0.61 0.00	43.35 0.28 0.00	42.75 0.54 0.00	44.18 0.69 0.00	45.94 0.95 0.00	49.77 1.59 0.00	75.67 2.03 0.00	106.82 1.05 0.00	50.68 1.10 0.00	46.28 0.79 0.00	42.36 0.00 0.00
INDECK___ILION 23567	32.01 0.47 0.00	30.47 0.45 0.00	33.75 0.54 0.00	35.47 0.54 0.00	37.49 0.55 0.00	46.11 0.61 0.00	63.19 0.84 0.00	49.23 0.75 0.00	42.50 0.60 0.00	39.18 0.50 0.00	41.04 0.29 0.00	43.20 0.14 0.00	44.50 0.03 0.00	42.85 -0.12 0.00	42.55 -0.19 0.00	42.26 -0.20 0.00	43.56 -0.08 0.00	45.49 0.25 0.00	49.39 0.57 0.00	75.27 1.18 0.00	106.37 1.59 0.00	50.42 0.78 0.00	45.98 0.80 0.00	42.18 0.61 0.00
INDECK___OLEAN 23982	30.33 -1.21 0.00	28.52 -1.50 0.00	31.69 -1.53 0.00	33.31 -1.63 0.00	35.23 -1.71 0.00	43.51 -1.99 0.00	59.89 -2.46 0.00	34.83 -2.16 11.48	40.07 -1.83 0.00	36.62 -2.07 0.00	38.33 -2.43 0.00	40.54 -2.52 0.00	42.59 -1.88 0.00	41.37 -1.59 0.00	40.89 -1.85 0.00	40.16 -2.31 0.00	40.86 -2.78 0.00	41.61 -3.31 0.32	45.42 -3.40 0.00	70.56 -3.53 0.00	100.78 -4.01 0.00	47.04 -2.60 0.00	42.67 -2.51 0.00	39.45 -2.12 0.00
INDECK___OSWEGO 23783	30.60 -0.94 0.00	29.05 -0.96 0.00	32.11 -1.10 0.00	33.78 -1.15 0.00	35.75 -1.19 0.00	44.04 -1.46 0.00	60.47 -1.88 0.00	47.04 -1.43 0.00	40.62 -1.28 0.00	37.37 -1.32 0.00	39.22 -1.54 0.00	41.38 -1.68 0.00	42.78 -1.69 0.00	41.34 -1.63 0.00	41.16 -1.58 0.00	40.89 -1.57 0.00	41.98 -1.66 0.00	43.53 -1.70 0.00	47.07 -1.75 0.00	71.77 -2.32 0.00	101.66 -3.12 0.00	48.11 -1.52 0.00	43.72 -1.46 0.00	40.22 -1.36 0.00
INDECK___YERKES 23781	30.46 -1.08 0.00	28.56 -1.45 0.00	31.72 -1.49 0.00	33.31 -1.62 0.00	35.21 -1.72 0.00	43.51 -2.00 0.00	59.49 -2.86 0.00	36.55 -2.77 9.17	39.63 -2.27 0.00	36.15 -2.54 0.00	38.00 -2.75 0.00	40.09 -2.97 0.00	42.03 -2.44 0.00	40.90 -2.07 0.00	40.47 -2.27 0.00	39.58 -2.89 0.00	40.08 -3.57 0.00	40.70 -4.23 0.31	44.63 -4.19 0.00	68.62 -5.47 0.00	97.65 -7.14 0.00	45.90 -3.74 0.00	41.82 -3.36 0.00	39.15 -2.42 0.00
INDIAN POINT_GT_1 24139	33.11 1.57 0.00	31.53 1.52 0.00	34.70 1.48 0.00	36.42 1.48 0.00	38.39 1.46 0.00	47.25 1.75 0.00	64.93 2.59 0.00	50.79 2.31 0.00	44.12 2.22 0.00	40.89 2.21 0.00	43.02 2.26 0.00	45.58 2.52 0.00	47.05 2.58 0.00	45.28 2.32 0.00	45.04 2.30 0.00	44.87 2.40 0.00	46.14 2.51 0.00	47.73 2.49 0.00	51.23 2.41 0.00	77.69 3.60 0.00	109.62 4.84 0.00	51.86 2.22 0.00	47.25 2.07 0.00	43.27 1.70 0.00
INDIAN POINT_GT_2 23659	33.11 1.57 0.00	31.53 1.52 0.00	34.70 1.48 0.00	36.42 1.48 0.00	38.39 1.46 0.00	47.25 1.75 0.00	64.93 2.59 0.00	50.79 2.31 0.00	44.12 2.22 0.00	40.89 2.21 0.00	43.02 2.26 0.00	45.58 2.52 0.00	47.05 2.58 0.00	45.28 2.32 0.00	45.04 2.30 0.00	44.87 2.40 0.00	46.14 2.51 0.00	47.73 2.49 0.00	51.23 2.41 0.00	77.69 3.60 0.00	109.62 4.84 0.00	51.86 2.22 0.00	47.25 2.07 0.00	43.27 1.70 0.00
INDIAN POINT_GT_3 24019	33.11 1.57 0.00	31.53 1.52 0.00	34.70 1.48 0.00	36.42 1.48 0.00	38.39 1.46 0.00	47.25 1.75 0.00	64.93 2.59 0.00	50.79 2.31 0.00	44.12 2.22 0.00	40.89 2.21 0.00	43.02 2.26 0.00	45.58 2.52 0.00	47.05 2.58 0.00	45.28 2.32 0.00	45.04 2.30 0.00	44.87 2.40 0.00	46.14 2.51 0.00	47.73 2.49 0.00	51.23 2.41 0.00	77.69 3.60 0.00	109.62 4.84 0.00	51.86 2.22 0.00	47.25 2.07 0.00	43.27 1.70 0.00
INDIAN POINT___2 23530	33.10 1.56 0.00	31.51 1.50 0.00	34.68 1.47 0.00	36.40 1.47 0.00	38.37 1.44 0.00	47.23 1.72 0.00	64.92 2.57 0.00	50.78 2.30 0.00	44.08 2.18 0.00	40.85 2.17 0.00	42.98 2.22 0.00	45.55 2.49 0.00	47.01 2.54 0.00	45.24 2.28 0.00	45.01 2.27 0.00	44.83 2.36 0.00	46.12 2.48 0.00	47.69 2.45 0.00	51.20 2.38 0.00	77.67 3.58 0.00	109.61 4.83 0.00	51.84 2.20 0.00	47.24 2.07 0.00	43.25 1.68 0.00
INDIAN POINT___3 23531	33.10 1.56 0.00	31.51 1.50 0.00	34.69 1.48 0.00	36.41 1.47 0.00	38.38 1.45 0.00	47.24 1.74 0.00	64.91 2.56 0.00	50.76 2.28 0.00	44.08 2.18 0.00	40.86 2.18 0.00	42.99 2.24 0.00	45.55 2.49 0.00	47.01 2.54 0.00	45.25 2.29 0.00	45.02 2.28 0.00	44.84 2.37 0.00	46.12 2.49 0.00	47.70 2.46 0.00	51.20 2.38 0.00	77.65 3.57 0.00	109.59 4.81 0.00	51.83 2.20 0.00	47.24 2.06 0.00	43.26 1.69 0.00
INGHAM_C_115KV_TB7 356103	32.42 0.88 0.00	30.88 0.87 0.00	34.24 1.03 0.00	35.96 1.03 0.00	37.99 1.06 0.00	46.68 1.18 0.00	63.92 1.57 0.00	49.85 1.37 0.00	42.91 1.01 0.00	39.47 0.79 0.00	41.11 0.35 0.00	43.06 -0.01 0.00	44.22 -0.25 0.00	42.40 -0.57 0.00	42.00 -0.74 0.00	41.68 -0.79 0.00	43.04 -0.59 0.00	45.38 0.15 0.00	49.74 0.92 0.00	76.23 2.14 0.00	107.72 2.94 0.00	51.06 1.43 0.00	46.69 1.51 0.00	42.72 1.16 0.00
IP CORINTH___1 23988	32.42 0.88 0.00	31.08 1.07 0.00	34.44 1.23 0.00	36.22 1.29 0.00	38.28 1.34 0.00	47.16 1.66 0.00	64.54 2.19 0.00	50.32 1.85 0.00	43.42 1.52 0.00	40.11 1.42 0.00	42.09 1.33 0.00	44.40 1.34 0.00	45.77 1.30 0.00	43.80 0.83 0.00	43.59 0.85 0.00	42.98 0.52 0.00	44.42 0.78 0.00	46.19 0.94 0.00	50.04 1.22 0.00	76.10 2.01 0.00	107.43 2.65 0.00	50.96 1.33 0.00	46.52 1.34 0.00	42.59 1.02 0.00
IP___TICONDEROGA 23804	33.89 2.35 0.00	32.58 2.57 0.00	36.25 3.04 0.00	38.13 3.19 0.00	40.26 3.32 0.00	49.76 4.26 0.00	68.06 5.71 0.00	52.75 4.28 0.00	45.22 3.33 0.00	41.54 2.85 0.00	43.35 2.58 0.00	45.67 2.62 0.00	47.12 2.65 0.00	45.42 2.46 0.00	45.41 2.67 0.00	44.16 1.69 0.00	45.92 2.28 0.00	47.92 2.68 0.00	52.09 3.26 0.00	79.60 5.51 0.00	112.40 7.61 0.00	53.55 3.92 0.00	48.82 3.64 0.00	44.19 2.62 0.00

ISLIP_RES_REC 323679	36.20 2.42 -2.24	32.82 2.34 -0.46	35.39 2.18 0.00	37.04 2.11 0.00	39.00 2.06 0.00	47.52 2.02 0.00	67.34 2.83 -2.17	51.84 2.86 -0.50	44.93 2.98 -0.05	42.14 2.89 -0.56	50.86 3.16 -6.95	47.06 3.74 -0.27	47.98 3.43 -0.08	46.45 3.49 0.00	46.30 3.56 0.00	46.05 3.58 0.00	47.23 3.51 -0.09	51.60 3.21 -3.16	55.69 3.17 -3.71	86.01 4.72 -7.20	119.84 5.31 -9.75	53.79 2.62 -1.54	47.69 2.34 -0.17	44.09 2.44 -0.08
JAMAICA__27_KV_LOAD 355505	33.37 1.83 0.00	31.79 1.78 0.00	34.92 1.70 0.00	36.63 1.70 0.00	38.61 1.67 0.00	47.51 2.01 0.00	65.30 2.95 0.00	51.09 2.61 0.00	44.55 2.65 0.00	41.34 2.66 0.00	43.48 2.72 0.00	46.08 3.02 0.00	47.56 3.08 0.00	45.70 2.74 0.00	45.41 2.68 0.00	45.27 2.80 0.00	46.57 2.93 0.00	48.14 2.90 0.00	51.63 2.81 0.00	78.18 4.09 0.00	110.45 5.67 0.00	52.16 2.53 0.00	47.64 2.46 0.00	43.58 2.01 0.00
JANIS__SOLAR 323808	32.16 0.61 0.00	30.38 0.37 0.00	33.67 0.46 0.00	35.43 0.49 0.00	37.58 0.65 0.00	46.49 0.99 0.00	64.28 1.94 0.00	49.98 1.51 0.00	43.16 1.27 0.00	39.49 0.80 0.00	40.61 -0.14 0.00	42.39 -0.67 0.00	44.09 -0.38 0.00	42.61 -0.36 0.00	42.24 -0.50 0.00	42.06 -0.41 0.00	43.53 -0.11 0.00	45.90 0.58 -0.08	50.25 1.44 0.00	77.22 3.13 0.00	109.32 4.54 0.00	51.53 1.89 0.00	46.87 1.69 0.00	43.00 1.43 0.00
JARVIS____ 23743	31.64 0.10 0.00	30.13 0.12 0.00	33.34 0.13 0.00	35.06 0.13 0.00	37.06 0.12 0.00	45.63 0.13 0.00	62.54 0.19 0.00	48.67 0.19 0.00	42.08 0.18 0.00	38.86 0.17 0.00	40.87 0.11 0.00	43.15 0.09 0.00	44.56 0.09 0.00	43.01 0.04 0.00	42.78 0.04 0.00	42.53 0.06 0.00	43.73 0.09 0.00	45.38 0.14 0.00	48.98 0.16 0.00	74.38 0.29 0.00	105.13 0.35 0.00	49.82 0.18 0.00	45.35 0.17 0.00	41.69 0.12 0.00
JENNISON__1 23625	32.09 0.55 0.00	30.29 0.28 0.00	33.67 0.46 0.00	35.48 0.55 0.00	37.58 0.65 0.00	46.47 0.96 0.00	64.13 1.78 0.00	53.94 1.34 -4.12	43.25 1.35 0.00	39.87 1.18 0.00	41.60 0.85 0.00	43.71 0.65 0.00	45.35 0.88 0.00	43.82 0.86 0.00	43.50 0.75 0.00	43.36 0.90 0.00	44.73 1.10 0.00	46.53 1.29 0.00	50.79 1.97 0.00	77.61 3.52 0.00	109.78 5.00 0.00	51.93 2.30 0.00	47.29 2.11 0.00	43.36 1.79 0.00
JENNISON__2 23626	32.09 0.55 0.00	30.29 0.28 0.00	33.67 0.46 0.00	35.48 0.55 0.00	37.58 0.65 0.00	46.47 0.96 0.00	64.13 1.78 0.00	53.94 1.35 -4.12	43.25 1.35 0.00	39.87 1.18 0.00	41.60 0.85 0.00	43.71 0.65 0.00	45.35 0.88 0.00	43.82 0.86 0.00	43.50 0.75 0.00	43.36 0.90 0.00	44.73 1.10 0.00	46.53 1.29 0.00	50.79 1.97 0.00	77.61 3.52 0.00	109.78 5.00 0.00	51.93 2.30 0.00	47.29 2.11 0.00	43.36 1.79 0.00
JERICHO_RISE_WT_PWR 323719	31.00 -0.54 0.00	29.67 -0.34 0.00	33.00 -0.21 0.00	34.79 -0.14 0.00	36.78 -0.16 0.00	45.44 -0.06 0.00	62.21 -0.14 0.00	48.25 -0.23 0.00	41.62 -0.27 0.00	38.60 -0.08 0.00	40.88 0.12 0.00	43.20 0.14 0.00	44.60 0.12 0.00	43.14 0.17 0.00	42.94 0.20 0.00	42.71 0.24 0.00	43.85 0.22 0.00	45.43 0.19 0.00	49.08 0.25 0.00	74.25 0.16 0.00	105.13 0.35 0.00	49.95 0.31 0.00	45.45 0.27 0.00	41.84 0.27 0.00
KATONAH__115KV_46KV_TB4 355592	33.22 1.69 0.00	31.64 1.63 0.00	34.84 1.63 0.00	36.56 1.63 0.00	38.56 1.62 0.00	47.46 1.96 0.00	65.20 2.85 0.00	51.02 2.55 0.00	44.33 2.43 0.00	41.11 2.43 0.00	43.26 2.50 0.00	45.81 2.75 0.00	47.27 2.80 0.00	45.50 2.54 0.00	45.26 2.52 0.00	45.08 2.61 0.00	46.36 2.72 0.00	47.95 2.71 0.00	51.49 2.67 0.00	78.07 3.98 0.00	110.15 5.37 0.00	52.09 2.45 0.00	47.44 2.27 0.00	43.45 1.88 0.00
KCE_NY_1 323755	32.80 1.25 0.00	31.37 1.35 0.00	34.76 1.55 0.00	36.51 1.57 0.00	38.55 1.62 0.00	47.41 1.91 0.00	64.95 2.60 0.00	50.66 2.18 0.00	43.74 1.84 0.00	40.41 1.72 0.00	42.50 1.74 0.00	44.85 1.79 0.00	46.29 1.82 0.00	44.46 1.50 0.00	44.25 1.51 0.00	43.82 1.35 0.00	45.19 1.55 0.00	46.95 1.71 0.00	50.90 2.08 0.00	77.20 3.11 0.00	108.83 4.05 0.00	51.61 1.97 0.00	46.95 1.77 0.00	43.05 1.48 0.00
KCE_NY_6_ESR 323823	30.37 -1.17 0.00	28.43 -1.58 0.00	31.61 -1.60 0.00	33.23 -1.70 0.00	35.14 -1.80 0.00	43.46 -2.04 0.00	59.64 -2.71 0.00	35.78 -2.58 10.12	39.85 -2.05 0.00	36.30 -2.38 0.00	38.17 -2.59 0.00	40.29 -2.77 0.00	42.22 -2.25 0.00	40.94 -2.03 0.00	40.46 -2.28 0.00	39.53 -2.94 0.00	40.11 -3.53 0.00	40.74 -4.12 0.38	44.81 -4.01 0.00	69.22 -4.86 0.00	98.81 -5.97 0.00	46.34 -3.30 0.00	42.16 -3.02 0.00	39.28 -2.29 0.00
KEDC_PORT_JEFF_GT2 24210	35.98 2.22 -2.22	32.63 2.16 -0.46	35.19 1.98 0.00	36.83 1.90 0.00	38.79 1.85 0.00	47.24 1.74 0.00	66.83 2.38 -2.10	51.46 2.50 -0.48	44.59 2.64 -0.05	41.82 2.58 -0.55	50.50 2.85 -6.89	46.74 3.42 -0.26	47.64 3.09 -0.08	46.13 3.16 0.00	45.98 3.24 0.00	45.75 3.28 0.00	46.91 3.18 -0.08	51.14 2.84 -3.06	55.12 2.70 -3.59	85.08 4.02 -6.98	118.54 4.30 -9.45	53.29 2.15 -1.50	47.33 1.98 -0.17	43.79 2.15 -0.07
KEDC_PORT_JEFF_GT3 24211	35.98 2.22 -2.22	32.63 2.16 -0.46	35.19 1.98 0.00	36.83 1.90 0.00	38.79 1.85 0.00	47.24 1.74 0.00	66.83 2.38 -2.10	51.46 2.50 -0.48	44.59 2.64 -0.05	41.82 2.58 -0.55	50.50 2.85 -6.89	46.74 3.42 -0.26	47.64 3.09 -0.08	46.13 3.16 0.00	45.98 3.24 0.00	45.75 3.28 0.00	46.91 3.18 -0.08	51.14 2.84 -3.06	55.12 2.70 -3.59	85.08 4.02 -6.98	118.54 4.30 -9.45	53.29 2.15 -1.50	47.33 1.98 -0.17	43.79 2.15 -0.07
KEDC_GLWD_GT4 24219	37.21 2.12 -3.54	32.78 2.04 -0.73	35.18 1.97 0.00	36.88 1.95 0.00	38.88 1.94 0.00	47.65 2.15 0.00	65.30 2.95 0.00	51.24 2.76 0.00	44.65 2.75 0.00	41.41 2.73 0.00	54.74 2.97 -11.01	46.68 3.29 -0.33	47.67 3.19 0.00	46.00 3.03 0.00	45.78 3.04 0.00	45.59 3.12 0.00	46.82 3.18 0.00	48.25 3.02 0.00	51.79 2.97 0.00	78.47 4.38 0.00	110.32 5.54 0.00	52.24 2.60 0.00	47.63 2.45 0.00	43.78 2.21 0.00
KEDC_GLWD_GTS 24220	37.21 2.12 -3.54	32.78 2.04 -0.73	35.18 1.97 0.00	36.88 1.95 0.00	38.88 1.94 0.00	47.65 2.15 0.00	65.30 2.95 0.00	51.24 2.76 0.00	44.65 2.75 0.00	41.41 2.73 0.00	54.74 2.97 -11.01	46.68 3.29 -0.33	47.67 3.19 0.00	46.00 3.03 0.00	45.78 3.04 0.00	45.59 3.12 0.00	46.82 3.18 0.00	48.25 3.02 0.00	51.79 2.97 0.00	78.47 4.38 0.00	110.32 5.54 0.00	52.24 2.60 0.00	47.63 2.45 0.00	43.78 2.21 0.00
KENSICO____ 23655	33.20 1.66 0.00	31.62 1.61 0.00	34.79 1.58 0.00	36.50 1.57 0.00	38.49 1.55 0.00	47.35 1.85 0.00	65.07 2.72 0.00	50.91 2.43 0.00	44.26 2.36 0.00	41.04 2.35 0.00	43.19 2.43 0.00	45.74 2.69 0.00	47.20 2.73 0.00	45.43 2.46 0.00	45.20 2.46 0.00	45.01 2.55 0.00	46.30 2.66 0.00	47.87 2.63 0.00	51.36 2.54 0.00	77.85 3.76 0.00	109.82 5.04 0.00	51.96 2.32 0.00	47.37 2.19 0.00	43.38 1.81 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.43 1.89 0.00	31.83 1.81 0.00	35.09 1.88 0.00	36.85 1.92 0.00	38.87 1.94 0.00	47.89 2.39 0.00	65.91 3.56 0.00	52.72 3.06 -1.18	44.73 2.83 0.00	41.43 2.75 0.00	43.63 2.87 0.00	46.20 3.14 0.00	47.62 3.15 0.00	45.51 2.55 0.00	45.30 2.56 0.00	45.13 2.66 0.00	46.47 2.83 0.00	48.09 2.84 0.00	51.67 2.85 0.00	78.45 4.36 0.00	110.80 6.02 0.00	52.73 3.09 0.00	47.96 2.78 0.00	43.87 2.30 0.00
KIAC_JFK_GT1 23816	33.18 1.64 0.00	31.62 1.60 0.00	34.72 1.51 0.00	36.44 1.51 0.00	38.40 1.46 0.00	47.19 1.69 0.00	64.68 2.33 0.00	50.60 2.13 0.00	44.13 2.23 0.00	40.96 2.27 0.00	43.09 2.33 0.00	45.65 2.60 0.00	47.12 2.65 0.00	45.28 2.32 0.00	45.02 2.27 0.00	44.88 2.41 0.00	46.16 2.52 0.00	47.72 2.48 0.00	51.17 2.35 0.00	77.46 3.38 0.00	109.41 4.62 0.00	51.68 2.04 0.00	47.35 2.17 0.00	43.33 1.76 0.00
KIAC_JFK_GT2 23817	33.18 1.64 0.00	31.62 1.60 0.00	34.72 1.51 0.00	36.44 1.51 0.00	38.40 1.46 0.00	47.19 1.69 0.00	64.68 2.33 0.00	50.60 2.13 0.00	44.13 2.23 0.00	40.96 2.27 0.00	43.09 2.33 0.00	45.65 2.60 0.00	47.12 2.65 0.00	45.28 2.32 0.00	45.02 2.27 0.00	44.88 2.41 0.00	46.16 2.52 0.00	47.72 2.48 0.00	51.17 2.35 0.00	77.46 3.38 0.00	109.41 4.62 0.00	51.68 2.04 0.00	47.35 2.17 0.00	43.33 1.76 0.00
KIAC_JFK____ 323774	33.18 1.64 0.00	31.62 1.60 0.00	34.72 1.51 0.00	36.44 1.51 0.00	38.40 1.46 0.00	47.19 1.69 0.00	64.68 2.33 0.00	50.61 2.14 0.00	44.13 2.23 0.00	40.96 2.27 0.00	43.09 2.33 0.00	45.66 2.60 0.00	47.12 2.65 0.00	45.28 2.32 0.00	45.01 2.27 0.00	44.87 2.41 0.00	46.16 2.52 0.00	47.72 2.48 0.00	51.17 2.35 0.00	77.47 3.38 0.00	109.40 4.63 0.00	51.68 2.04 0.00	47.35 2.17 0.00	43.33 1.76 0.00
KINTIGH_24_KV_GSU 356498	30.49 -1.05 0.00	28.66 -1.36 0.00	31.80 -1.41 0.00	33.39 -1.55 0.00	35.29 -1.64 0.00	43.55 -1.95 0.00	59.64 -2.72 0.00	38.17 -2.60 7.71	39.76 -2.14 0.00	36.35 -2.34 0.00	38.19 -2.56 0.00	40.34 -2.72 0.00	42.19 -2.28 0.00	40.99 -1.97 0.00	40.62 -2.12 0.00	39.84 -2.63 0.00	40.47 -3.17 0.00	41.30 -3.72 0.22	45.09 -3.73 0.00	69.24 -4.84 0.00	98.42 -6.36 0.00	46.24 -3.40 0.00	42.07 -3.11 0.00	39.20 -2.37 0.00
KINTIGH____ 23543	30.47 -1.08 0.00	28.65 -1.37 0.00	31.77 -1.44 0.00	33.37 -1.56 0.00	35.27 -1.66 0.00	43.51 -1.99 0.00	59.59 -2.76 0.00	38.18 -2.59 7.71	39.74 -2.15 0.00	36.33 -2.36 0.00	38.19 -2.57 0.00	40.32 -2.74 0.00	42.15 -2.32 0.00	40.96 -2.01 0.00	40.59 -2.15 0.00	39.82 -2.65 0.00	40.44 -3.20 0.00	41.28 -3.74 0.22	45.08 -3.74 0.00	69.22 -4.86 0.00	98.39 -6.39 0.00	46.22 -3.42 0.00	42.07 -3.11 0.00	39.18 -2.39 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.30 -0.25 0.00	29.96 -0.06 0.00	33.29 0.08 0.00	35.05 0.12 0.00	37.07 0.13 0.00	45.80 0.30 0.00	62.63 0.28 0.00	48.53 0.05 0.00	41.83 -0.06 0.00	38.85 0.16 0.00	41.04 0.28 0.00	43.36 0.29 0.00	44.72 0.25 0.00	43.25 0.29 0.00	43.08 0.34 0.00	42.96 0.50 0.00	44.15 0.51 0.00	45.67 0.43 0.00	49.43 0.62 0.00	74.74 0.65 0.00	105.87 1.09 0.00	50.43 0.79 0.00	45.94 0.76 0.00	42.32 0.75 0.00
LACHUTE__HYDRO 323717	33.89 2.35 0.00	32.58 2.57 0.00	36.25 3.04 0.00	38.12 3.19 0.00	40.26 3.32 0.00	49.76 4.26 0.00	68.06 5.71 0.00	52.75 4.28 0.00	45.23 3.33 0.00	41.54 2.85 0.00	43.35 2.58 0.00	45.67 2.62 0.00	47.12 2.65 0.00	45.42 2.46 0.00	45.41 2.67 0.00	44.16 1.69 0.00	45.92 2.28 0.00	47.92 2.68 0.00	52.09 3.27 0.00	79.60 5.51 0.00	112.40 7.62 0.00	53.56 3.92 0.00	48.82 3.64 0.00	44.19 2.62 0.00
LAWRNCV_115KV_TB1 80681	30.37 -1.17 0.00	28.92 -1.10 0.00	32.08 -1.13 0.00	33.87 -1.06 0.00	35.88 -1.05 0.00	44.31 -1.19 0.00	60.75 -1.60 0.00	47.09 -1.39 0.00	40.46 -1.44 0.00	37.32 -1.37 0.00	39.57 -1.19 0.00	41.82 -1.25 0.00	43.09 -1.37 0.00	41.74 -1.22 0.00	41.59 -1.15 0.00	41.31 -1.15 0.00	42.51 -1.14 0.00	44.12 -1.12 0.00	47.61 -1.21 0.00	72.55 -1.53 0.00	103.27 -1.51 0.00	48.93 -0.70 0.00	44.27 -0.91 0.00	40.86 -0.71 0.00
LEDERLE____ 23769	33.24 1.70 0.00	31.63 1.62 0.00	34.82 1.61 0.00	36.55 1.62 0.00	38.53 1.60 0.00	47.45 1.95 0.00	65.28 2.93 0.00	51.04 2.56 0.00	44.28 2.39 0.00	41.04 2.35 0.00	43.18 2.42 0.00	45.77 2.71 0.00	47.26 2.78 0.00	45.46 2.50 0.00	45.23 2.49 0.00	45.05 2.58 0.00	46.36 2.72 0.00	47.94 2.70 0.00	51.49 2.67 0.00	78.14 4.06 0.00	110.33 5.54 0.00	52.16 2.53 0.00	47.50 2.32 0.00	43.46 1.89 0.00
LIGHTHSE_115KV_TB6 355974	29.17 -2.37 0.00	27.70 -2.31 0.00	30.88 -2.33 0.00	33.00 -1.94 0.00	35.07 -1.87 0.00	43.17 -2.33 0.00	59.87 -2.48 0.00	46.33 -2.14 0.00	39.67 -2.23 0.00	36.30 -2.39 0.00	38.21 -2.54 0.00	40.29 -2.77 0.00	41.45 -3.02 0.00	40.31 -2.65 0.00	40.06 -2.68 0.00	39.72 -2.75 0.00	40.85 -2.79 0.00	42.34 -2.90 0.00	45.68 -3.14 0.00	71.50 -2.59 0.00	103.05 -1.74 0.00	48.83 -0.80 0.00	44.05 -1.12 0.00	40.60 -0.97 0.00
LINDEN COGEN____ 23786	33.26 1.72 0.00	31.66 1.64 0.00	34.80 1.59 0.00	36.50 1.57 0.00	38.47 1.54 0.00	47.35 1.85 0.00	65.10 2.75 0.00	50.96 2.49 0.00	44.38 2.48 0.00	41.17 2.48 0.00	43.31 2.55 0.00	45.84 2.78 0.00	47.29 2.82 0.00	45.50 2.53 0.00	45.27 2.53 0.00	45.10 2.63 0.00	46.37 2.73 0.00	47.92 2.68 0.00	51.36 2.54 0.00	77.79 3.70 0.00	109.75 4.97 0.00	51.88 2.25 0.00	47.36 2.18 0.00	43.36 1.79 0.00
LINDHRST_69_KV_BK1 356055	36.61 2.53 -2.54	32.98 2.44 -0.52	35.55 2.33 0.00	37.21 2.28 0.00	39.20 2.26 0.00	47.83 2.33 0.00	66.01 3.13 -0.53	51.68 3.08 -0.12	45.06 3.15 -0.01	41.84 3.01 -0.14	52.03 3.39 -7.88	47.14 3.82 -0.26	48.06 3.57 -0.02	46.52 3.56 0.00	46.30 3.56 0.00	46.13 3.66 0.00	47.30 3.64 -0.02	49.36 3.34 -0.78	53.09 3.35 -0.92	80.89 5.02 -1.78	113.16 5.97 -2.41	52.90 2.88 -0.38	47.87 2.65 -0.04	44.21 2.63 -0.02
LIPA_MISC_IPP 23656	36.12 2.37 -2.21	32.78 2.31 -0.46	35.34 2.13 0.00	36.99 2.05 0.00	38.94 2.00 0.00	47.52 2.02 0.00	67.76 2.80 -2.61	51.91 2.83 -0.61	44.86 2.90 -0.06	42.15 2.79 -0.68	50.61 2.99 -6.86	46.96 3.63 -0.27	47.88 3.32 -0.09	46.33 3.36 0.00	46.18 3.44 0.00	45.94 3.48 0.00	47.16 3.42 -0.11	52.20 3.15 -3.81	56.42 3.13 -4.48	87.49 4.71 -8.69	121.61 5.06 -11.77	54.09 2.60 -1.86	47.64 2.25 -0.21	44.05 2.39 -0.09
LISF__SOLAR 323691	36.19 2.43 -2.21	32.84 2.37 -0.46	35.39 2.18 0.00	37.04 2.11 0.00	38.99 2.06 0.00	47.59 2.09 0.00	67.81 2.92 -2.55	52.00 2.94 -0.59	44.95 2.99 -0.06	42.22 2.87 -0.66	50.70 3.07 -6.87	47.06 3.73 -0.27	47.96 3.40 -0.09	46.41 3.45 0.00	46.26 3.52 0.00	46.03 3.56 0.00	47.23 3.49 -0.10	52.19 3.24 -3.71	56.41 3.23 -4.36	87.45 4.89 -8.47	121.57 5.32 -11.47	54.16 2.71 -1.81	47.72 2.34 -0.20	44.13 2.47 -0.09

LITTLE FALLS___HYD 24013	32.42 0.88 0.00	30.88 0.87 0.00	34.24 1.03 0.00	35.96 1.03 0.00	37.99 1.06 0.00	46.68 1.18 0.00	63.92 1.57 0.00	49.85 1.37 0.00	42.91 1.01 0.00	39.47 0.79 0.00	41.11 0.35 0.00	43.06 -0.01 0.00	44.22 -0.25 0.00	42.40 -0.57 0.00	42.00 -0.74 0.00	41.68 -0.79 0.00	43.04 -0.59 0.00	45.38 0.15 0.00	49.74 0.92 0.00	76.23 2.14 0.00	107.72 2.94 0.00	51.06 1.43 0.00	46.69 1.51 0.00	42.72 1.16 0.00
LITTLRIV_115KV_TB1 356100	30.74 -0.80 0.00	29.26 -0.76 0.00	32.46 -0.75 0.00	34.28 -0.65 0.00	36.35 -0.59 0.00	44.90 -0.60 0.00	61.61 -0.74 0.00	47.65 -0.82 0.00	40.71 -1.19 0.00	37.42 -1.26 0.00	39.70 -1.07 0.00	41.96 -1.10 0.00	43.23 -1.24 0.00	41.87 -1.09 0.00	41.75 -0.99 0.00	41.46 -1.01 0.00	42.65 -0.99 0.00	44.38 -0.86 0.00	47.90 -0.92 0.00	73.29 -0.80 0.00	104.63 -0.15 0.00	49.61 -0.03 0.00	44.81 -0.37 0.00	41.34 -0.23 0.00
LI_NEWBRDGE___DRP 323616	35.61 2.00 -2.08	32.37 1.93 -0.43	35.01 1.80 0.00	36.67 1.74 0.00	38.63 1.69 0.00	47.13 1.63 0.00	64.45 2.10 0.00	50.68 2.20 0.00	44.21 2.31 0.00	41.01 2.32 0.00	49.85 2.65 -6.44	46.29 3.01 -0.22	47.26 2.80 0.00	45.71 2.74 0.00	45.52 2.79 0.00	45.33 2.86 0.00	46.49 2.84 0.00	47.82 2.58 0.00	51.31 2.49 0.00	77.70 3.61 0.00	108.88 4.10 0.00	51.64 2.00 0.00	47.10 1.92 0.00	43.47 1.90 0.00
LOCKPORT_115KV_TB60_63_64 80432	30.24 -1.30 0.00	28.35 -1.67 0.00	31.49 -1.72 0.00	33.06 -1.87 0.00	34.96 -1.98 0.00	43.14 -2.36 0.00	59.04 -3.31 0.00	37.02 -3.03 8.42	39.33 -2.57 0.00	35.85 -2.83 0.00	37.74 -3.02 0.00	39.80 -3.26 0.00	41.72 -2.76 0.00	40.54 -2.42 0.00	40.13 -2.61 0.00	39.23 -3.24 0.00	39.67 -3.97 0.00	40.33 -4.64 0.27	44.24 -4.58 0.00	68.14 -5.95 0.00	96.96 -7.83 0.00	45.57 -4.06 0.00	41.55 -3.64 0.00	38.81 -2.76 0.00
LOCKPORT___CC1 323769	30.22 -1.32 0.00	28.33 -1.69 0.00	31.46 -1.75 0.00	33.04 -1.89 0.00	34.93 -2.00 0.00	43.14 -2.36 0.00	59.01 -3.34 0.00	36.79 -3.11 8.57	39.31 -2.58 0.00	35.84 -2.85 0.00	37.72 -3.04 0.00	39.78 -3.28 0.00	41.71 -2.76 0.00	40.52 -2.44 0.00	40.09 -2.65 0.00	39.21 -3.26 0.00	39.66 -3.98 0.00	40.29 -4.66 0.29	44.20 -4.62 0.00	68.07 -6.02 0.00	96.92 -7.86 0.00	45.55 -4.09 0.00	41.49 -3.69 0.00	38.79 -2.78 0.00
LOCKPORT___CC2 323770	30.22 -1.32 0.00	28.33 -1.69 0.00	31.46 -1.75 0.00	33.04 -1.89 0.00	34.93 -2.00 0.00	43.14 -2.36 0.00	59.01 -3.34 0.00	36.79 -3.11 8.57	39.31 -2.58 0.00	35.84 -2.85 0.00	37.72 -3.04 0.00	39.78 -3.28 0.00	41.71 -2.76 0.00	40.52 -2.44 0.00	40.09 -2.65 0.00	39.21 -3.26 0.00	39.66 -3.98 0.00	40.29 -4.66 0.29	44.20 -4.62 0.00	68.07 -6.02 0.00	96.92 -7.86 0.00	45.55 -4.09 0.00	41.49 -3.69 0.00	38.79 -2.78 0.00
LOCKPORT___CC3 323771	30.22 -1.32 0.00	28.33 -1.69 0.00	31.46 -1.75 0.00	33.04 -1.89 0.00	34.93 -2.00 0.00	43.14 -2.36 0.00	59.01 -3.34 0.00	36.79 -3.11 8.57	39.31 -2.58 0.00	35.84 -2.85 0.00	37.72 -3.04 0.00	39.78 -3.28 0.00	41.71 -2.76 0.00	40.52 -2.44 0.00	40.09 -2.65 0.00	39.21 -3.26 0.00	39.66 -3.98 0.00	40.29 -4.66 0.29	44.20 -4.62 0.00	68.07 -6.02 0.00	96.92 -7.86 0.00	45.55 -4.09 0.00	41.49 -3.69 0.00	38.79 -2.78 0.00
LOCUSVLY_69_KV_BK2 55797	36.97 2.24 -3.20	32.80 2.13 -0.66	35.25 2.04 0.00	36.95 2.02 0.00	38.94 2.00 0.00	47.61 2.11 0.00	64.65 2.87 0.58	51.10 2.76 0.13	44.67 2.78 0.01	41.28 2.74 0.15	53.74 3.05 -9.93	46.75 3.39 -0.30	47.67 3.22 0.02	46.10 3.14 0.00	45.88 3.14 0.00	45.69 3.22 0.00	46.84 3.23 0.02	47.44 3.04 0.84	50.82 2.99 0.98	76.61 4.43 1.91	107.63 5.45 2.59	51.83 2.60 0.41	47.56 2.43 0.05	43.85 2.30 0.02
LONG_LAKE_PHOENIX 24014	30.59 -0.95 0.00	29.03 -0.98 0.00	32.08 -1.13 0.00	33.76 -1.17 0.00	35.72 -1.22 0.00	44.04 -1.47 0.00	60.44 -1.91 0.00	47.02 -1.45 0.00	40.62 -1.28 0.00	37.34 -1.35 0.00	39.17 -1.59 0.00	41.31 -1.75 0.00	42.71 -1.76 0.00	41.28 -1.68 0.00	41.07 -1.67 0.00	40.85 -1.62 0.00	41.96 -1.68 0.00	43.48 -1.75 0.00	47.05 -1.77 0.00	71.71 -2.37 0.00	101.57 -3.21 0.00	48.06 -1.57 0.00	43.68 -1.50 0.00	40.16 -1.41 0.00
LOVETT___3 23632	33.07 1.53 0.00	31.48 1.47 0.00	34.66 1.45 0.00	36.37 1.44 0.00	38.35 1.41 0.00	47.21 1.71 0.00	64.86 2.51 0.00	50.70 2.23 0.00	44.00 2.10 0.00	40.78 2.10 0.00	42.91 2.15 0.00	45.47 2.41 0.00	46.94 2.47 0.00	45.17 2.21 0.00	44.94 2.20 0.00	44.77 2.30 0.00	46.05 2.41 0.00	47.63 2.39 0.00	51.12 2.30 0.00	77.56 3.47 0.00	109.49 4.71 0.00	51.77 2.14 0.00	47.19 2.01 0.00	43.19 1.62 0.00
LOVETT___4 23642	33.07 1.53 0.00	31.48 1.47 0.00	34.66 1.45 0.00	36.37 1.44 0.00	38.35 1.41 0.00	47.21 1.71 0.00	64.86 2.51 0.00	50.70 2.23 0.00	44.00 2.10 0.00	40.78 2.10 0.00	42.91 2.15 0.00	45.47 2.41 0.00	46.94 2.47 0.00	45.17 2.21 0.00	44.94 2.20 0.00	44.77 2.30 0.00	46.05 2.41 0.00	47.63 2.39 0.00	51.12 2.30 0.00	77.56 3.47 0.00	109.49 4.71 0.00	51.77 2.14 0.00	47.19 2.01 0.00	43.19 1.62 0.00
LOVETT___5 23593	33.07 1.53 0.00	31.48 1.47 0.00	34.66 1.45 0.00	36.37 1.44 0.00	38.35 1.41 0.00	47.21 1.71 0.00	64.86 2.51 0.00	50.70 2.23 0.00	44.00 2.10 0.00	40.78 2.10 0.00	42.91 2.15 0.00	45.47 2.41 0.00	46.94 2.47 0.00	45.17 2.21 0.00	44.94 2.20 0.00	44.77 2.30 0.00	46.05 2.41 0.00	47.63 2.39 0.00	51.12 2.30 0.00	77.56 3.47 0.00	109.49 4.71 0.00	51.77 2.14 0.00	47.19 2.01 0.00	43.19 1.62 0.00
LOWER RAQUET___HYD 24057	30.10 -1.44 0.00	28.66 -1.36 0.00	31.81 -1.40 0.00	33.61 -1.33 0.00	35.62 -1.32 0.00	43.98 -1.52 0.00	60.33 -2.02 0.00	46.77 -1.71 0.00	40.12 -1.77 0.00	36.99 -1.69 0.00	39.23 -1.52 0.00	41.46 -1.60 0.00	42.71 -1.76 0.00	41.37 -1.59 0.00	41.24 -1.50 0.00	40.96 -1.51 0.00	42.16 -1.48 0.00	43.78 -1.46 0.00	47.22 -1.60 0.00	72.07 -2.01 0.00	102.65 -2.13 0.00	48.65 -0.99 0.00	43.99 -1.19 0.00	40.60 -0.97 0.00
LOWER___HUDSON 24059	32.52 0.98 0.00	31.12 1.11 0.00	34.44 1.23 0.00	36.20 1.27 0.00	38.24 1.31 0.00	46.98 1.48 0.00	64.14 1.79 0.00	50.12 1.65 0.00	43.30 1.40 0.00	40.07 1.39 0.00	42.13 1.37 0.00	44.56 1.50 0.00	45.99 1.51 0.00	44.26 1.30 0.00	44.07 1.33 0.00	43.80 1.33 0.00	45.06 1.42 0.00	46.69 1.45 0.00	50.43 1.61 0.00	76.45 2.36 0.00	107.76 2.98 0.00	51.17 1.53 0.00	46.53 1.35 0.00	42.73 1.16 0.00
LOWVILLE_115KV_TB2 356335	29.70 -1.84 0.00	28.24 -1.78 0.00	31.56 -1.66 0.00	33.87 -1.06 0.00	36.02 -0.91 0.00	44.47 -1.02 0.00	61.69 -0.66 0.00	47.75 -0.73 0.00	40.96 -0.94 0.00	37.27 -1.41 0.00	39.22 -1.54 0.00	41.26 -1.80 0.00	42.45 -2.02 0.00	41.26 -1.70 0.00	41.15 -1.59 0.00	40.91 -1.56 0.00	42.40 -1.24 0.00	44.14 -1.10 0.00	47.39 -1.43 0.00	73.71 -0.38 0.00	105.89 1.11 0.00	50.07 0.43 0.00	45.00 -0.18 0.00	41.50 -0.07 0.00

LUTHERFT_115KV_GLOB_FND_222 355753	32.75 1.21 0.00	31.32 1.30 0.00	34.67 1.47 0.00	36.44 1.51 0.00	38.51 1.58 0.00	47.37 1.87 0.00	64.86 2.52 0.00	50.60 2.12 0.00	43.68 1.78 0.00	40.37 1.68 0.00	42.43 1.67 0.00	44.80 1.74 0.00	46.23 1.76 0.00	44.41 1.45 0.00	44.19 1.45 0.00	43.81 1.34 0.00	45.14 1.50 0.00	46.90 1.66 0.00	50.77 1.95 0.00	77.04 2.95 0.00	108.73 3.95 0.00	51.55 1.91 0.00	46.90 1.73 0.00	43.02 1.45 0.00
LUTHERNY_35_KV_BK2 355980	32.79 1.25 0.00	31.36 1.35 0.00	34.76 1.55 0.00	36.51 1.57 0.00	38.55 1.62 0.00	47.41 1.91 0.00	64.95 2.60 0.00	50.65 2.18 0.00	43.74 1.84 0.00	40.41 1.73 0.00	42.50 1.74 0.00	44.85 1.79 0.00	46.29 1.82 0.00	44.46 1.50 0.00	44.25 1.51 0.00	43.83 1.35 0.00	45.19 1.55 0.00	46.95 1.71 0.00	50.90 2.08 0.00	77.19 3.10 0.00	108.83 4.05 0.00	51.60 1.96 0.00	46.94 1.76 0.00	43.05 1.48 0.00
LWR__OSWEGATCHIE_HYD 23850	29.42 -2.12 0.00	27.99 -2.02 0.00	31.18 -2.03 0.00	33.21 -1.72 0.00	35.26 -1.67 0.00	43.55 -1.95 0.00	60.10 -2.24 0.00	46.53 -1.95 0.00	39.87 -2.03 0.00	36.53 -2.15 0.00	38.59 -2.17 0.00	40.71 -2.35 0.00	41.89 -2.58 0.00	40.68 -2.28 0.00	40.65 -2.09 0.00	40.38 -2.09 0.00	41.67 -1.98 0.00	43.29 -1.95 0.00	46.61 -2.21 0.00	71.96 -2.13 0.00	103.07 -1.71 0.00	48.80 -0.84 0.00	43.96 -1.22 0.00	40.58 -0.99 0.00
LYONS_FALL_HYD 23570	30.62 -0.92 0.00	29.10 -0.92 0.00	32.41 -0.80 0.00	34.55 -0.38 0.00	36.69 -0.25 0.00	45.26 -0.24 0.00	62.62 0.27 0.00	48.52 0.05 0.00	41.69 -0.21 0.00	38.01 -0.67 0.00	39.90 -0.86 0.00	41.93 -1.13 0.00	43.21 -1.26 0.00	41.91 -1.05 0.00	41.76 -0.98 0.00	41.53 -0.93 0.00	43.02 -0.62 0.00	44.88 -0.36 0.00	48.29 -0.53 0.00	74.70 0.61 0.00	106.78 2.00 0.00	50.47 0.84 0.00	45.50 0.32 0.00	41.89 0.32 0.00
MADISON__COUNTY_LFGE 323628	32.05 0.50 0.00	30.44 0.43 0.00	33.72 0.51 0.00	35.54 0.61 0.00	37.65 0.71 0.00	46.40 0.90 0.00	63.90 1.56 0.00	49.62 1.15 0.00	42.76 0.87 0.00	39.10 0.42 0.00	40.89 0.13 0.00	42.98 -0.08 0.00	44.41 -0.06 0.00	42.94 -0.02 0.00	42.71 -0.03 0.00	42.51 0.04 0.00	43.90 0.26 0.00	45.92 0.68 0.00	49.59 0.78 0.00	76.07 1.99 0.00	107.85 3.08 0.00	50.97 1.33 0.00	46.23 1.05 0.00	42.44 0.87 0.00
MALONE__115KV_TB1 356076	30.97 -0.56 0.00	29.59 -0.42 0.00	32.89 -0.32 0.00	34.71 -0.22 0.00	36.71 -0.22 0.00	45.38 -0.12 0.00	62.17 -0.18 0.00	48.29 -0.19 0.00	41.57 -0.33 0.00	38.44 -0.24 0.00	40.62 -0.13 0.00	42.90 -0.16 0.00	44.28 -0.19 0.00	42.84 -0.13 0.00	42.64 -0.10 0.00	42.37 -0.09 0.00	43.57 -0.07 0.00	45.20 -0.04 0.00	48.88 0.06 0.00	74.21 0.12 0.00	105.42 0.64 0.00	50.03 0.39 0.00	45.38 0.20 0.00	41.79 0.22 0.00
MAPLEWOD_115KV_TB3 80458	32.45 0.91 0.00	31.04 1.03 0.00	34.34 1.13 0.00	36.10 1.17 0.00	38.14 1.20 0.00	46.84 1.34 0.00	64.03 1.68 0.00	50.08 1.60 0.00	43.28 1.38 0.00	40.05 1.36 0.00	42.08 1.32 0.00	44.48 1.42 0.00	45.90 1.43 0.00	44.24 1.28 0.00	44.03 1.29 0.00	43.80 1.33 0.00	44.98 1.34 0.00	46.65 1.41 0.00	50.34 1.52 0.00	76.30 2.21 0.00	107.60 2.82 0.00	51.06 1.43 0.00	46.43 1.25 0.00	42.65 1.08 0.00
MAPLE_RIDGE_WT_1 323574	30.78 -0.76 0.00	29.22 -0.80 0.00	32.35 -0.86 0.00	34.19 -0.74 0.00	36.23 -0.70 0.00	44.88 -0.62 0.00	61.55 -0.80 0.00	47.98 -0.50 0.00	41.62 -0.27 0.00	38.51 -0.17 0.00	40.69 -0.06 0.00	43.02 -0.04 0.00	44.43 -0.04 0.00	42.92 -0.04 0.00	42.69 -0.04 0.00	42.41 -0.06 0.00	43.60 -0.04 0.00	45.15 -0.09 0.00	48.62 -0.20 0.00	73.87 -0.21 0.00	104.67 -0.11 0.00	49.61 -0.03 0.00	45.06 -0.12 0.00	41.52 -0.05 0.00
MAPLE_RIDGE_WT_2 323611	30.78 -0.76 0.00	29.22 -0.80 0.00	32.35 -0.86 0.00	34.19 -0.74 0.00	36.23 -0.70 0.00	44.88 -0.62 0.00	61.55 -0.80 0.00	47.98 -0.50 0.00	41.62 -0.27 0.00	38.51 -0.17 0.00	40.69 -0.06 0.00	43.02 -0.04 0.00	44.43 -0.04 0.00	42.92 -0.04 0.00	42.69 -0.04 0.00	42.41 -0.06 0.00	43.60 -0.04 0.00	45.15 -0.09 0.00	48.62 -0.20 0.00	73.87 -0.21 0.00	104.67 -0.11 0.00	49.61 -0.03 0.00	45.06 -0.12 0.00	41.52 -0.05 0.00
MARBLE_RIVER_WT_PWR 323696	31.06 -0.48 0.00	29.71 -0.31 0.00	33.03 -0.18 0.00	34.80 -0.13 0.00	36.80 -0.14 0.00	45.45 -0.05 0.00	62.23 -0.12 0.00	48.23 -0.25 0.00	41.62 -0.28 0.00	38.59 -0.09 0.00	40.86 0.10 0.00	43.19 0.13 0.00	44.58 0.11 0.00	43.13 0.16 0.00	42.93 0.19 0.00	42.71 0.24 0.00	43.86 0.22 0.00	45.43 0.19 0.00	49.08 0.25 0.00	74.21 0.12 0.00	105.05 0.27 0.00	49.94 0.31 0.00	45.45 0.27 0.00	41.85 0.28 0.00
MARSHVLE_115KV_TB1 80742	32.91 1.37 0.00	31.18 1.17 0.00	34.49 1.28 0.00	36.29 1.36 0.00	38.41 1.47 0.00	47.40 1.90 0.00	65.28 2.93 0.00	51.89 2.24 -1.18	43.63 1.74 0.00	39.69 1.01 0.00	41.77 1.02 0.00	43.90 0.84 0.00	45.34 0.86 0.00	43.97 1.01 0.00	43.63 0.89 0.00	43.35 0.88 0.00	44.73 1.09 0.00	46.07 0.83 0.00	50.48 1.66 0.00	77.21 3.12 0.00	109.44 4.65 0.00	51.83 2.20 0.00	47.29 2.11 0.00	43.42 1.85 0.00
MARSH_HILL_WT_PWR 323713	29.29 -2.25 0.00	27.16 -2.86 0.00	30.36 -2.85 0.00	32.07 -2.86 0.00	33.88 -3.05 0.00	42.05 -3.45 0.00	58.66 -3.69 0.00	30.90 -3.08 14.50	38.81 -3.09 0.00	35.77 -2.92 0.00	37.79 -2.97 0.00	39.90 -3.16 0.00	41.76 -2.71 0.00	40.18 -2.79 0.00	39.41 -3.33 0.00	38.13 -4.34 0.00	38.72 -4.92 0.00	40.66 -5.82 -1.24	42.99 -5.83 0.00	69.10 -4.99 0.00	101.70 -3.09 0.00	47.72 -1.91 0.00	43.40 -1.78 0.00	40.24 -1.33 0.00
MCINTYRE_115KV_TB2 80467	31.37 -0.17 0.00	29.85 -0.16 0.00	33.10 -0.11 0.00	34.92 -0.01 0.00	37.04 0.11 0.00	45.74 0.24 0.00	62.76 0.41 0.00	48.47 0.00 0.00	41.30 -0.59 0.00	37.92 -0.76 0.00	40.25 -0.51 0.00	42.55 -0.51 0.00	43.85 -0.62 0.00	42.48 -0.49 0.00	42.35 -0.39 0.00	42.04 -0.43 0.00	43.23 -0.41 0.00	45.03 -0.21 0.00	48.59 -0.23 0.00	74.47 0.38 0.00	106.47 1.69 0.00	50.52 0.88 0.00	45.58 0.40 0.00	42.06 0.49 0.00
MECO____69_KV_BK1 80468	33.36 1.82 0.00	31.66 1.65 0.00	35.01 1.79 0.00	36.82 1.89 0.00	38.99 2.06 0.00	48.10 2.60 0.00	66.29 3.94 0.00	51.55 3.07 0.00	44.14 2.25 0.00	40.30 1.61 0.00	42.24 1.48 0.00	44.17 1.11 0.00	45.33 0.86 0.00	43.57 0.61 0.00	43.40 0.66 0.00	42.90 0.43 0.00	44.28 0.64 0.00	46.33 1.09 0.00	51.09 2.28 0.00	78.51 4.42 0.00	111.31 6.53 0.00	52.66 3.03 0.00	47.89 2.71 0.00	43.89 2.32 0.00
MENANDS__115KV_TB5 355628	32.32 0.78 0.00	30.93 0.92 0.00	34.21 1.00 0.00	35.98 1.05 0.00	38.01 1.07 0.00	46.65 1.15 0.00	63.73 1.39 0.00	49.86 1.39 0.00	43.10 1.20 0.00	39.90 1.21 0.00	41.92 1.16 0.00	44.32 1.25 0.00	45.74 1.28 0.00	44.08 1.12 0.00	43.89 1.15 0.00	43.68 1.22 0.00	44.85 1.21 0.00	46.50 1.26 0.00	50.13 1.32 0.00	75.94 1.85 0.00	107.07 2.29 0.00	50.81 1.18 0.00	46.21 1.03 0.00	42.47 0.90 0.00

MG INDUSTRY___DRP 24185	32.32 0.78 0.00	30.95 0.94 0.00	34.28 1.06 0.00	36.05 1.11 0.00	38.07 1.13 0.00	46.77 1.28 0.00	63.90 1.55 0.00	49.89 1.42 0.00	43.13 1.23 0.00	39.86 1.18 0.00	41.87 1.11 0.00	44.23 1.17 0.00	45.68 1.21 0.00	44.05 1.09 0.00	43.86 1.12 0.00	43.58 1.11 0.00	44.70 1.06 0.00	46.38 1.15 0.00	50.11 1.28 0.00	76.04 1.95 0.00	107.34 2.56 0.00	50.88 1.25 0.00	46.30 1.12 0.00	42.57 0.99 0.00
MID___OSWEGATCHIE_HYD 23849	29.42 -2.12 0.00	27.99 -2.02 0.00	31.18 -2.03 0.00	33.21 -1.72 0.00	35.26 -1.67 0.00	43.55 -1.95 0.00	60.10 -2.24 0.00	46.53 -1.95 0.00	39.87 -2.03 0.00	36.53 -2.15 0.00	38.59 -2.17 0.00	40.71 -2.35 0.00	41.89 -2.58 0.00	40.68 -2.28 0.00	40.65 -2.09 0.00	40.38 -2.09 0.00	41.67 -1.98 0.00	43.29 -1.95 0.00	46.61 -2.21 0.00	71.96 -2.13 0.00	103.07 -1.71 0.00	48.80 -0.84 0.00	43.96 -1.22 0.00	40.58 -0.99 0.00
MID___RAQUETTE_HYD 23851	30.10 -1.44 0.00	28.66 -1.36 0.00	31.81 -1.40 0.00	33.61 -1.33 0.00	35.62 -1.32 0.00	43.99 -1.51 0.00	60.33 -2.02 0.00	46.76 -1.71 0.00	40.12 -1.77 0.00	36.99 -1.69 0.00	39.23 -1.53 0.00	41.45 -1.61 0.00	42.71 -1.76 0.00	41.37 -1.59 0.00	41.23 -1.51 0.00	40.96 -1.51 0.00	42.16 -1.48 0.00	43.78 -1.46 0.00	47.22 -1.60 0.00	72.06 -2.03 0.00	102.65 -2.13 0.00	48.65 -0.99 0.00	43.99 -1.19 0.00	40.60 -0.97 0.00
MILLIKEN___1 23584	31.85 0.31 0.00	30.19 0.17 0.00	33.41 0.19 0.00	35.13 0.19 0.00	37.19 0.26 0.00	45.89 0.39 0.00	63.21 0.86 0.00	46.38 0.66 2.75	42.44 0.55 0.00	38.96 0.27 0.00	40.50 -0.25 0.00	42.41 -0.65 0.00	43.92 -0.55 0.00	42.42 -0.54 0.00	42.17 -0.57 0.00	41.99 -0.48 0.00	43.16 -0.48 0.00	45.17 -0.16 -0.09	48.95 0.13 0.00	75.01 0.92 0.00	106.40 1.62 0.00	50.24 0.60 0.00	45.63 0.45 0.00	41.90 0.33 0.00
MILLIKEN___2 23585	31.85 0.31 0.00	30.19 0.17 0.00	33.41 0.19 0.00	35.13 0.19 0.00	37.19 0.26 0.00	45.89 0.39 0.00	63.21 0.86 0.00	46.38 0.66 2.75	42.44 0.55 0.00	38.96 0.27 0.00	40.50 -0.25 0.00	42.41 -0.65 0.00	43.92 -0.55 0.00	42.42 -0.54 0.00	42.17 -0.57 0.00	41.99 -0.48 0.00	43.16 -0.48 0.00	45.17 -0.16 -0.09	48.95 0.13 0.00	75.01 0.92 0.00	106.40 1.62 0.00	50.24 0.60 0.00	45.63 0.45 0.00	41.90 0.33 0.00
MILLIKEN___DIESEL 23629	31.85 0.31 0.00	30.19 0.17 0.00	33.41 0.19 0.00	35.13 0.19 0.00	37.19 0.26 0.00	45.89 0.39 0.00	63.21 0.86 0.00	46.38 0.66 2.75	42.44 0.55 0.00	38.96 0.27 0.00	40.50 -0.25 0.00	42.41 -0.65 0.00	43.92 -0.55 0.00	42.42 -0.54 0.00	42.17 -0.57 0.00	41.99 -0.48 0.00	43.16 -0.48 0.00	45.17 -0.16 -0.09	48.95 0.13 0.00	75.01 0.92 0.00	106.40 1.62 0.00	50.24 0.60 0.00	45.63 0.45 0.00	41.90 0.33 0.00
MILLSEAT___LFGE 323607	30.94 -0.60 0.00	29.05 -0.96 0.00	32.24 -0.98 0.00	33.85 -1.08 0.00	35.83 -1.11 0.00	44.29 -1.21 0.00	60.76 -1.58 0.00	38.98 -1.69 7.80	40.30 -1.60 0.00	36.53 -2.15 0.00	38.31 -2.45 0.00	40.34 -2.71 0.00	42.21 -2.26 0.00	41.02 -1.94 0.00	40.67 -2.08 0.00	39.81 -2.65 0.00	40.39 -3.25 0.00	41.25 -3.77 0.22	45.37 -3.45 0.00	70.29 -3.80 0.00	100.23 -4.55 0.00	47.09 -2.55 0.00	42.81 -2.37 0.00	39.85 -1.73 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.14 1.60 0.00	31.56 1.55 0.00	34.73 1.52 0.00	36.45 1.52 0.00	38.43 1.49 0.00	47.29 1.79 0.00	64.97 2.62 0.00	50.83 2.35 0.00	44.16 2.26 0.00	40.94 2.26 0.00	43.09 2.33 0.00	45.64 2.58 0.00	47.10 2.63 0.00	45.33 2.36 0.00	45.10 2.35 0.00	44.92 2.45 0.00	46.19 2.55 0.00	47.77 2.53 0.00	51.27 2.45 0.00	77.74 3.65 0.00	109.70 4.92 0.00	51.88 2.25 0.00	47.29 2.12 0.00	43.31 1.74 0.00
MILLWOOD_13_KV_LOAD 356217	33.20 1.66 0.00	31.61 1.59 0.00	34.79 1.58 0.00	36.51 1.58 0.00	38.49 1.55 0.00	47.36 1.86 0.00	65.10 2.75 0.00	50.93 2.45 0.00	44.26 2.36 0.00	41.02 2.34 0.00	43.16 2.40 0.00	45.72 2.66 0.00	47.18 2.71 0.00	45.41 2.45 0.00	45.18 2.43 0.00	44.98 2.52 0.00	46.27 2.63 0.00	47.86 2.62 0.00	51.36 2.55 0.00	77.90 3.81 0.00	109.93 5.15 0.00	51.98 2.35 0.00	47.38 2.20 0.00	43.38 1.81 0.00
MODEL_CITY_ENERGY 24167	29.95 -1.59 0.00	28.08 -1.94 0.00	31.19 -2.02 0.00	32.74 -2.19 0.00	34.62 -2.31 0.00	42.73 -2.77 0.00	58.38 -3.97 0.00	36.06 -3.65 8.77	38.92 -2.98 0.00	35.51 -3.18 0.00	37.43 -3.33 0.00	39.50 -3.57 0.00	41.39 -3.07 0.00	40.23 -2.73 0.00	39.82 -2.92 0.00	38.93 -3.54 0.00	39.32 -4.32 0.00	39.91 -5.05 0.29	43.76 -5.07 0.00	67.26 -6.83 0.00	95.70 -9.08 0.00	45.00 -4.64 0.00	41.04 -4.14 0.00	38.40 -3.17 0.00
MODERN_LFGE___ 323580	29.95 -1.59 0.00	28.08 -1.94 0.00	31.19 -2.02 0.00	32.74 -2.19 0.00	34.62 -2.31 0.00	42.73 -2.77 0.00	58.38 -3.97 0.00	36.06 -3.65 8.77	38.92 -2.98 0.00	35.51 -3.18 0.00	37.43 -3.33 0.00	39.50 -3.57 0.00	41.39 -3.07 0.00	40.23 -2.73 0.00	39.82 -2.92 0.00	38.93 -3.54 0.00	39.32 -4.32 0.00	39.91 -5.05 0.29	43.76 -5.07 0.00	67.26 -6.83 0.00	95.70 -9.08 0.00	45.00 -4.64 0.00	41.04 -4.14 0.00	38.40 -3.17 0.00
MOHAWK_PAPER___DRP 24187	32.45 0.91 0.00	31.04 1.03 0.00	34.34 1.13 0.00	36.10 1.17 0.00	38.14 1.20 0.00	46.84 1.34 0.00	64.03 1.68 0.00	50.08 1.60 0.00	43.28 1.38 0.00	40.05 1.36 0.00	42.08 1.32 0.00	44.48 1.42 0.00	45.90 1.43 0.00	44.24 1.28 0.00	44.03 1.29 0.00	43.80 1.33 0.00	44.98 1.34 0.00	46.65 1.41 0.00	50.34 1.52 0.00	76.30 2.21 0.00	107.60 2.82 0.00	51.06 1.43 0.00	46.43 1.25 0.00	42.65 1.08 0.00
MOHICAN_35_KV_115KV_LD 80490	32.73 1.19 0.00	31.36 1.35 0.00	34.78 1.57 0.00	36.57 1.64 0.00	38.64 1.70 0.00	47.60 2.10 0.00	65.15 2.80 0.00	50.79 2.32 0.00	43.80 1.90 0.00	40.44 1.76 0.00	42.44 1.68 0.00	44.78 1.72 0.00	46.16 1.69 0.00	44.22 1.26 0.00	44.03 1.29 0.00	43.41 0.94 0.00	44.87 1.23 0.00	46.65 1.41 0.00	50.57 1.75 0.00	76.86 2.78 0.00	108.49 3.71 0.00	51.48 1.85 0.00	46.94 1.76 0.00	42.94 1.37 0.00
MONGAUP___HYD 23641	33.27 1.73 0.00	31.64 1.63 0.00	34.88 1.67 0.00	36.62 1.69 0.00	38.64 1.70 0.00	47.55 2.06 0.00	65.14 2.79 0.00	52.08 2.46 -1.14	44.14 2.24 0.00	40.87 2.18 0.00	43.18 2.43 0.00	45.59 2.53 0.00	47.05 2.58 0.00	45.26 2.29 0.00	44.99 2.25 0.00	44.78 2.31 0.00	46.13 2.49 0.00	47.79 2.55 0.00	51.22 2.40 0.00	77.95 3.86 0.00	110.41 5.63 0.00	52.23 2.60 0.00	47.80 2.62 0.00	43.68 2.10 0.00
MONTAUK___DIESEL 23721	36.55 2.80 -2.21	33.27 2.80 -0.46	35.84 2.62 0.00	37.48 2.55 0.00	39.30 2.36 0.00	48.78 3.28 0.00	69.95 5.01 -2.59	53.69 4.61 -0.60	46.42 4.46 -0.06	43.59 4.23 -0.67	52.10 4.48 -6.86	48.52 5.19 -0.27	49.42 4.85 -0.09	47.84 4.87 0.00	47.64 4.90 0.00	47.41 4.94 0.00	48.65 4.91 -0.10	53.75 4.74 -3.77	58.16 4.91 -4.43	90.24 7.55 -8.60	125.45 9.02 -11.64	55.83 4.36 -1.84	49.10 3.71 -0.21	44.97 3.91 -0.09

MOONROAD_115KV_HARTFLD_TB1-2 355988	30.21 -1.33 0.00	27.83 -2.18 0.00	31.14 -2.07 0.00	33.26 -1.68 0.00	35.13 -1.81 0.00	43.33 -2.17 0.00	59.74 -2.61 0.00	35.70 -1.97 10.80	40.69 -1.21 0.00	36.94 -1.74 0.00	38.90 -1.86 0.00	40.93 -2.14 0.00	42.55 -1.92 0.00	41.12 -1.85 0.00	40.11 -2.63 0.00	39.07 -3.40 0.00	39.64 -4.00 0.00	40.69 -4.19 0.36	45.13 -3.69 0.00	71.16 -2.93 0.00	101.67 -3.11 0.00	47.37 -2.27 0.00	43.09 -2.09 0.00	39.97 -1.61 0.00
MORRIS_RIDGE___SOLAR 323848	29.57 -1.97 0.00	27.67 -2.35 0.00	30.87 -2.34 0.00	32.54 -2.39 0.00	34.45 -2.49 0.00	42.64 -2.86 0.00	59.03 -3.32 0.00	31.25 -3.00 14.22	38.96 -2.93 0.00	35.43 -3.26 0.00	37.38 -3.38 0.00	39.54 -3.52 0.00	41.50 -2.97 0.00	40.04 -2.93 0.00	39.35 -3.39 0.00	38.33 -4.14 0.00	38.88 -4.76 0.00	38.54 -5.38 1.32	43.72 -5.10 0.00	69.14 -4.95 0.00	100.16 -4.63 0.00	46.92 -2.71 0.00	42.66 -2.51 0.00	39.55 -2.02 0.00
MORTIMER_115KV_TB3 55949	31.54 0.00 0.00	29.77 -0.24 0.00	32.96 -0.25 0.00	34.63 -0.30 0.00	36.65 -0.29 0.00	45.27 -0.23 0.00	62.20 -0.15 0.00	42.87 -0.36 5.24	41.51 -0.39 0.00	37.97 -0.71 0.00	39.81 -0.95 0.00	42.01 -1.05 0.00	43.70 -0.77 0.00	42.37 -0.60 0.00	42.05 -0.69 0.00	41.49 -0.98 0.00	42.41 -1.23 0.00	43.84 -1.40 0.00	47.69 -1.13 0.00	73.14 -0.95 0.00	103.78 -1.00 0.00	48.83 -0.80 0.00	44.32 -0.85 0.00	40.95 -0.63 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.32 1.78 0.00	31.72 1.71 0.00	34.87 1.66 0.00	36.58 1.65 0.00	38.57 1.63 0.00	47.45 1.95 0.00	65.21 2.86 0.00	51.05 2.57 0.00	44.47 2.57 0.00	41.26 2.57 0.00	43.41 2.65 0.00	45.96 2.90 0.00	47.41 2.94 0.00	45.64 2.67 0.00	45.40 2.66 0.00	45.22 2.75 0.00	46.48 2.84 0.00	48.06 2.81 0.00	51.51 2.69 0.00	78.03 3.95 0.00	110.09 5.31 0.00	52.05 2.42 0.00	47.49 2.31 0.00	43.48 1.91 0.00
MUNSVILLE_WIND_PWR 323609	32.40 0.86 0.00	30.52 0.51 0.00	33.90 0.69 0.00	35.65 0.72 0.00	37.93 0.99 0.00	47.04 1.54 0.00	65.33 2.98 0.00	52.81 2.38 -1.96	44.05 2.15 0.00	40.27 1.58 0.00	41.60 0.84 0.00	43.53 0.47 0.00	45.49 1.02 0.00	43.99 1.02 0.00	43.54 0.79 0.00	43.27 0.80 0.00	44.91 1.27 0.00	47.40 2.11 -0.06	52.27 3.45 0.00	80.32 6.24 0.00	112.83 8.05 0.00	53.10 3.47 0.00	48.50 3.32 0.00	44.47 2.90 0.00
N SALMON___HYD 24042	30.97 -0.56 0.00	29.59 -0.42 0.00	32.89 -0.32 0.00	34.71 -0.22 0.00	36.72 -0.22 0.00	45.38 -0.12 0.00	62.17 -0.18 0.00	48.29 -0.18 0.00	41.57 -0.33 0.00	38.44 -0.24 0.00	40.62 -0.13 0.00	42.90 -0.16 0.00	44.28 -0.18 0.00	42.84 -0.13 0.00	42.64 -0.10 0.00	42.37 -0.09 0.00	43.57 -0.07 0.00	45.20 -0.04 0.00	48.88 0.06 0.00	74.21 0.12 0.00	105.42 0.64 0.00	50.03 0.39 0.00	45.38 0.20 0.00	41.79 0.22 0.00
N.AKRON___115KV_KNAPP 355671	30.76 -0.78 0.00	28.86 -1.15 0.00	32.05 -1.17 0.00	33.65 -1.28 0.00	35.60 -1.34 0.00	43.98 -1.53 0.00	60.30 -2.05 0.00	38.42 -2.02 8.04	40.06 -1.83 0.00	36.40 -2.29 0.00	38.22 -2.54 0.00	40.24 -2.83 0.00	42.13 -2.34 0.00	40.96 -2.01 0.00	40.58 -2.16 0.00	39.69 -2.78 0.00	40.21 -3.43 0.00	41.01 -3.99 0.24	45.04 -3.78 0.00	69.69 -4.40 0.00	99.30 -5.48 0.00	46.66 -2.98 0.00	42.46 -2.72 0.00	39.57 -2.00 0.00
N.E._GEN_SANDY PD 24062	92.16 1.19 -59.43	44.16 1.33 -12.82	38.57 1.43 -3.94	44.93 1.47 -8.53	40.91 1.49 -2.48	48.73 1.72 -1.51	64.27 2.05 0.13	45.08 1.89 5.29	43.55 1.66 0.00	40.37 1.69 0.00	42.46 1.70 0.00	45.13 1.92 -0.15	52.87 1.95 -6.45	44.69 1.72 0.00	50.39 1.79 -5.86	61.68 1.85 -17.36	71.39 1.92 -25.83	52.66 1.91 -5.51	54.38 1.96 -3.59	81.56 2.81 -4.67	108.32 3.54 0.00	61.56 1.82 -10.10	49.73 1.63 -2.92	42.99 1.42 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.14 1.60 0.00	31.54 1.53 0.00	34.73 1.51 0.00	36.45 1.52 0.00	38.42 1.49 0.00	47.30 1.80 0.00	65.08 2.73 0.00	50.88 2.41 0.00	44.15 2.25 0.00	40.92 2.23 0.00	43.05 2.29 0.00	45.62 2.56 0.00	47.10 2.63 0.00	45.32 2.36 0.00	45.09 2.35 0.00	44.91 2.44 0.00	46.21 2.57 0.00	47.79 2.55 0.00	51.31 2.49 0.00	77.90 3.81 0.00	109.92 5.14 0.00	51.98 2.35 0.00	47.36 2.18 0.00	43.35 1.78 0.00
N.QUEENS_27_KV_LOAD 356247	33.40 1.86 0.00	31.80 1.78 0.00	34.91 1.70 0.00	36.63 1.70 0.00	38.64 1.70 0.00	47.49 1.99 0.00	65.17 2.82 0.00	51.14 2.66 0.00	44.68 2.79 0.00	41.38 2.70 0.00	43.53 2.77 0.00	46.09 3.03 0.00	47.53 3.06 0.00	45.74 2.77 0.00	45.50 2.76 0.00	45.35 2.88 0.00	46.58 2.94 0.00	48.13 2.89 0.00	51.53 2.71 0.00	77.99 3.90 0.00	110.05 5.27 0.00	52.05 2.41 0.00	47.63 2.45 0.00	43.60 2.03 0.00
N.TROY___115KV_TB1 355778	32.52 0.98 0.00	31.12 1.11 0.00	34.44 1.23 0.00	36.20 1.27 0.00	38.24 1.31 0.00	46.98 1.48 0.00	64.14 1.79 0.00	50.12 1.65 0.00	43.29 1.40 0.00	40.08 1.39 0.00	42.13 1.38 0.00	44.57 1.51 0.00	45.99 1.51 0.00	44.27 1.30 0.00	44.07 1.33 0.00	43.80 1.33 0.00	45.06 1.42 0.00	46.69 1.45 0.00	50.43 1.61 0.00	76.45 2.36 0.00	107.76 2.98 0.00	51.17 1.53 0.00	46.52 1.34 0.00	42.73 1.16 0.00
NARROWS_GT1_1 24228	33.59 2.05 0.00	31.90 1.88 0.00	35.04 1.83 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.38 3.03 0.00	51.38 2.90 0.00	44.82 2.93 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.83 0.00	78.27 4.19 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.81 2.63 0.00	43.78 2.22 0.00
NARROWS_GT1_2 24229	33.59 2.05 0.00	31.90 1.88 0.00	35.04 1.83 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.38 3.03 0.00	51.38 2.90 0.00	44.82 2.93 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.83 0.00	78.27 4.19 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.81 2.63 0.00	43.78 2.22 0.00
NARROWS_GT1_3 24230	33.59 2.05 0.00	31.90 1.88 0.00	35.04 1.83 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.38 3.03 0.00	51.38 2.90 0.00	44.82 2.93 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.83 0.00	78.27 4.19 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.81 2.63 0.00	43.78 2.22 0.00
NARROWS_GT1_4 24231	33.59 2.05 0.00	31.90 1.88 0.00	35.04 1.83 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.38 3.03 0.00	51.38 2.90 0.00	44.82 2.93 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.83 0.00	78.27 4.19 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.81 2.63 0.00	43.78 2.22 0.00

NARROWS_GT1_5 24232	33.59 2.05 0.00	31.90 1.88 0.00	35.04 1.83 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.38 3.03 0.00	51.38 2.90 0.00	44.82 2.93 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.83 0.00	78.27 4.19 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.81 2.63 0.00	43.78 2.22 0.00
NARROWS_GT1_6 24233	33.59 2.05 0.00	31.90 1.88 0.00	35.04 1.83 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.38 3.03 0.00	51.38 2.90 0.00	44.82 2.93 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.83 0.00	78.27 4.19 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.81 2.63 0.00	43.78 2.22 0.00
NARROWS_GT1_7 24234	33.59 2.05 0.00	31.90 1.88 0.00	35.04 1.83 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.38 3.03 0.00	51.38 2.90 0.00	44.82 2.93 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.83 0.00	78.27 4.19 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.81 2.63 0.00	43.78 2.22 0.00
NARROWS_GT1_8 24235	33.59 2.05 0.00	31.90 1.88 0.00	35.04 1.83 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.38 3.03 0.00	51.38 2.90 0.00	44.82 2.93 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.83 0.00	78.27 4.19 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.81 2.63 0.00	43.78 2.22 0.00
NARROWS_GT2_1 24236	33.59 2.05 0.00	31.90 1.88 0.00	35.04 1.83 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.38 3.03 0.00	51.38 2.90 0.00	44.82 2.93 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.83 0.00	78.27 4.19 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.81 2.63 0.00	43.78 2.22 0.00
NARROWS_GT2_2 24237	33.59 2.05 0.00	31.90 1.88 0.00	35.04 1.83 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.38 3.03 0.00	51.38 2.90 0.00	44.82 2.93 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.83 0.00	78.27 4.19 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.81 2.63 0.00	43.78 2.22 0.00
NARROWS_GT2_3 24238	33.59 2.05 0.00	31.90 1.88 0.00	35.04 1.83 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.38 3.03 0.00	51.38 2.90 0.00	44.82 2.93 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.83 0.00	78.27 4.19 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.81 2.63 0.00	43.78 2.22 0.00
NARROWS_GT2_4 24239	33.59 2.05 0.00	31.90 1.88 0.00	35.04 1.83 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.38 3.03 0.00	51.38 2.90 0.00	44.82 2.93 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.83 0.00	78.27 4.19 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.81 2.63 0.00	43.78 2.22 0.00
NARROWS_GT2_5 24240	33.59 2.05 0.00	31.90 1.88 0.00	35.04 1.83 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.38 3.03 0.00	51.38 2.90 0.00	44.82 2.93 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.83 0.00	78.27 4.19 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.81 2.63 0.00	43.78 2.22 0.00
NARROWS_GT2_6 24241	33.59 2.05 0.00	31.90 1.88 0.00	35.04 1.83 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.38 3.03 0.00	51.38 2.90 0.00	44.82 2.93 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.83 0.00	78.27 4.19 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.81 2.63 0.00	43.78 2.22 0.00
NARROWS_GT2_7 24242	33.59 2.05 0.00	31.90 1.88 0.00	35.04 1.83 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.38 3.03 0.00	51.38 2.90 0.00	44.82 2.93 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.83 0.00	78.27 4.19 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.81 2.63 0.00	43.78 2.22 0.00
NARROWS_GT2_8 24243	33.59 2.05 0.00	31.90 1.88 0.00	35.04 1.83 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.38 3.03 0.00	51.38 2.90 0.00	44.82 2.93 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.83 0.00	78.27 4.19 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.81 2.63 0.00	43.78 2.22 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.71 1.17 0.00	31.34 1.33 0.00	34.72 1.50 0.00	36.51 1.57 0.00	38.59 1.65 0.00	47.43 1.93 0.00	64.99 2.65 0.00	50.95 2.47 0.00	43.99 2.10 0.00	40.63 1.95 0.00	42.61 1.85 0.00	44.94 1.88 0.00	46.35 1.88 0.00	44.67 1.71 0.00	44.42 1.68 0.00	44.15 1.68 0.00	45.24 1.60 0.00	46.96 1.72 0.00	50.76 1.94 0.00	77.37 3.28 0.00	109.33 4.55 0.00	51.75 2.11 0.00	47.00 1.82 0.00	43.12 1.55 0.00
NCHELSEA_115KV_TR2 355582	33.37 1.83 0.00	31.77 1.76 0.00	35.01 1.79 0.00	36.75 1.81 0.00	38.77 1.83 0.00	47.69 2.19 0.00	65.54 3.19 0.00	51.28 2.80 0.00	44.50 2.61 0.00	41.24 2.55 0.00	43.40 2.64 0.00	45.95 2.90 0.00	47.43 2.96 0.00	45.64 2.68 0.00	45.38 2.64 0.00	45.22 2.75 0.00	46.51 2.87 0.00	48.13 2.89 0.00	51.71 2.88 0.00	78.47 4.38 0.00	110.76 5.98 0.00	52.39 2.75 0.00	47.68 2.50 0.00	43.64 2.07 0.00
NEG CAPITAL__MECHNVIL 23645	32.84 1.30 0.00	31.39 1.38 0.00	34.76 1.54 0.00	36.54 1.61 0.00	38.61 1.67 0.00	47.47 1.97 0.00	65.00 2.65 0.00	50.74 2.27 0.00	43.81 1.92 0.00	40.50 1.82 0.00	42.58 1.82 0.00	44.97 1.91 0.00	46.39 1.92 0.00	44.60 1.64 0.00	44.39 1.64 0.00	44.02 1.55 0.00	45.33 1.69 0.00	47.08 1.84 0.00	50.95 2.13 0.00	77.33 3.24 0.00	109.10 4.32 0.00	51.73 2.09 0.00	47.03 1.86 0.00	43.14 1.56 0.00

NEG CENTRAL_HIGH_ACRES 23767	31.53 -0.02 0.00	29.79 -0.23 0.00	32.97 -0.24 0.00	34.65 -0.28 0.00	36.67 -0.26 0.00	45.27 -0.23 0.00	62.26 -0.09 0.00	43.87 -0.25 4.36	41.61 -0.28 0.00	38.11 -0.57 0.00	39.88 -0.88 0.00	42.05 -1.01 0.00	43.68 -0.79 0.00	42.32 -0.65 0.00	42.02 -0.72 0.00	41.53 -0.94 0.00	42.52 -1.12 0.00	44.03 -1.21 0.00	47.86 -0.96 0.00	73.36 -0.72 0.00	104.00 -0.78 0.00	48.99 -0.65 0.00	44.45 -0.73 0.00	41.02 -0.55 0.00
NEG CENTRAL___DRP 24199	31.37 -0.17 0.00	29.66 -0.36 0.00	32.84 -0.37 0.00	34.54 -0.38 0.00	36.59 -0.35 0.00	45.14 -0.36 0.00	62.23 -0.12 0.00	43.74 -0.10 4.63	41.76 -0.13 0.00	38.25 -0.44 0.00	39.77 -0.99 0.00	41.82 -1.24 0.00	43.43 -1.04 0.00	42.00 -0.96 0.00	41.71 -1.03 0.00	41.33 -1.14 0.00	42.38 -1.26 0.00	44.04 -1.31 -0.11	47.75 -1.07 0.00	73.56 -0.53 0.00	104.63 -0.15 0.00	49.31 -0.33 0.00	44.77 -0.41 0.00	41.18 -0.38 0.00
NEG CENTRAL___INDECK 23768	31.59 0.05 0.00	29.66 -0.35 0.00	32.93 -0.28 0.00	34.68 -0.25 0.00	36.73 -0.21 0.00	45.53 0.03 0.00	63.00 0.65 0.00	37.71 0.17 10.93	41.43 -0.47 0.00	37.57 -1.12 0.00	39.35 -1.41 0.00	41.57 -1.49 0.00	43.52 -0.95 0.00	42.26 -0.71 0.00	41.62 -1.12 0.00	40.76 -1.71 0.00	41.60 -2.05 0.00	43.79 -2.48 -1.03	46.72 -2.09 0.00	73.62 -0.47 0.00	106.44 1.66 0.00	49.95 0.32 0.00	45.19 0.01 0.00	41.73 0.16 0.00
NEG CENTRAL___SENECA 23627	31.32 -0.22 0.00	29.56 -0.45 0.00	32.77 -0.44 0.00	34.47 -0.46 0.00	36.51 -0.43 0.00	45.06 -0.44 0.00	62.22 -0.13 0.00	41.66 -0.09 6.72	41.78 -0.12 0.00	38.17 -0.51 0.00	39.64 -1.12 0.00	41.66 -1.40 0.00	43.32 -1.15 0.00	41.95 -1.02 0.00	41.62 -1.13 0.00	41.12 -1.34 0.00	42.15 -1.49 0.00	43.79 -1.62 -0.17	47.51 -1.31 0.00	73.52 -0.56 0.00	104.76 -0.02 0.00	49.29 -0.34 0.00	44.75 -0.44 0.00	41.19 -0.38 0.00
NEG CENTRAL___STATE_STREET 24147	31.51 -0.03 0.00	29.88 -0.13 0.00	33.05 -0.16 0.00	34.77 -0.16 0.00	36.81 -0.12 0.00	45.38 -0.12 0.00	62.46 0.11 0.00	45.90 0.03 2.61	41.90 0.00 0.00	38.45 -0.23 0.00	40.07 -0.69 0.00	42.14 -0.92 0.00	43.66 -0.81 0.00	42.18 -0.78 0.00	41.94 -0.80 0.00	41.70 -0.77 0.00	42.81 -0.83 0.00	44.58 -0.71 -0.05	48.26 -0.56 0.00	73.91 -0.18 0.00	104.90 0.12 0.00	49.52 -0.11 0.00	44.97 -0.20 0.00	41.35 -0.22 0.00
NEG MILLWOOD___DRP 24198	33.37 1.83 0.00	31.78 1.77 0.00	35.00 1.79 0.00	36.74 1.81 0.00	38.75 1.82 0.00	47.70 2.20 0.00	65.57 3.22 0.00	51.31 2.84 0.00	44.57 2.67 0.00	41.32 2.64 0.00	43.48 2.72 0.00	46.03 2.97 0.00	47.52 3.05 0.00	45.72 2.76 0.00	45.46 2.72 0.00	45.29 2.83 0.00	46.59 2.94 0.00	48.20 2.96 0.00	51.78 2.96 0.00	78.54 4.46 0.00	110.84 6.05 0.00	52.39 2.75 0.00	47.70 2.52 0.00	43.67 2.09 0.00
NEG NORTH_FLCN_SEA 23793	31.21 -0.33 0.00	29.89 -0.12 0.00	33.21 0.00 0.00	34.98 0.04 0.00	36.97 0.04 0.00	45.68 0.19 0.00	62.41 0.06 0.00	48.23 -0.25 0.00	41.64 -0.26 0.00	38.76 0.07 0.00	41.02 0.27 0.00	43.36 0.30 0.00	44.75 0.28 0.00	43.28 0.32 0.00	43.13 0.38 0.00	42.95 0.48 0.00	44.11 0.48 0.00	45.68 0.44 0.00	49.33 0.51 0.00	74.33 0.24 0.00	105.14 0.35 0.00	50.23 0.60 0.00	45.90 0.72 0.00	42.32 0.75 0.00
NEG NORTH_KES_CHATEGAY 23792	31.06 -0.48 0.00	29.71 -0.30 0.00	33.05 -0.16 0.00	34.85 -0.08 0.00	36.82 -0.11 0.00	45.52 0.02 0.00	62.32 -0.03 0.00	48.32 -0.15 0.00	41.64 -0.26 0.00	38.61 -0.08 0.00	40.88 0.12 0.00	43.20 0.14 0.00	44.59 0.12 0.00	43.13 0.17 0.00	42.94 0.20 0.00	42.70 0.24 0.00	43.85 0.21 0.00	45.43 0.19 0.00	49.10 0.28 0.00	74.34 0.25 0.00	105.33 0.55 0.00	50.04 0.41 0.00	45.53 0.35 0.00	41.90 0.32 0.00
NEG NORTH___ALICE_FALLS 23915	31.30 -0.25 0.00	29.96 -0.06 0.00	33.29 0.08 0.00	35.05 0.12 0.00	37.07 0.13 0.00	45.80 0.30 0.00	62.63 0.28 0.00	48.53 0.05 0.00	41.83 -0.06 0.00	38.85 0.16 0.00	41.04 0.28 0.00	43.36 0.29 0.00	44.72 0.25 0.00	43.25 0.29 0.00	43.08 0.34 0.00	42.96 0.50 0.00	44.15 0.51 0.00	45.67 0.43 0.00	49.43 0.62 0.00	74.74 0.65 0.00	105.87 1.09 0.00	50.43 0.79 0.00	45.94 0.76 0.00	42.32 0.75 0.00
NEG NORTH___LWR_SARANAC 23913	31.30 -0.25 0.00	29.96 -0.06 0.00	33.29 0.08 0.00	35.05 0.12 0.00	37.07 0.13 0.00	45.80 0.30 0.00	62.63 0.28 0.00	48.53 0.05 0.00	41.83 -0.06 0.00	38.85 0.16 0.00	41.04 0.28 0.00	43.36 0.29 0.00	44.72 0.25 0.00	43.25 0.29 0.00	43.08 0.34 0.00	42.96 0.50 0.00	44.15 0.51 0.00	45.67 0.43 0.00	49.43 0.62 0.00	74.74 0.65 0.00	105.87 1.09 0.00	50.43 0.79 0.00	45.94 0.76 0.00	42.32 0.75 0.00
NEG NORTH___PLATTSBURG 23628	31.29 -0.25 0.00	29.96 -0.06 0.00	33.29 0.08 0.00	35.05 0.12 0.00	37.07 0.13 0.00	45.79 0.29 0.00	62.63 0.28 0.00	48.53 0.06 0.00	41.83 -0.06 0.00	38.85 0.16 0.00	41.04 0.28 0.00	43.36 0.29 0.00	44.72 0.25 0.00	43.25 0.29 0.00	43.08 0.34 0.00	42.97 0.50 0.00	44.15 0.51 0.00	45.67 0.43 0.00	49.44 0.61 0.00	74.74 0.65 0.00	105.87 1.08 0.00	50.42 0.79 0.00	45.94 0.76 0.00	42.32 0.75 0.00
NEG WEST_LEA_LOCKPORT 23791	30.22 -1.33 0.00	28.33 -1.69 0.00	31.47 -1.74 0.00	33.04 -1.89 0.00	34.94 -2.00 0.00	43.11 -2.39 0.00	59.01 -3.34 0.00	36.83 -3.08 8.57	39.31 -2.59 0.00	35.84 -2.85 0.00	37.73 -3.03 0.00	39.79 -3.27 0.00	41.70 -2.77 0.00	40.52 -2.44 0.00	40.10 -2.64 0.00	39.21 -3.26 0.00	39.66 -3.98 0.00	40.30 -4.66 0.29	44.22 -4.60 0.00	68.11 -5.98 0.00	96.92 -7.86 0.00	45.55 -4.08 0.00	41.53 -3.65 0.00	38.79 -2.78 0.00
NEG WEST___LANCASTR 23811	30.25 -1.30 0.00	28.38 -1.64 0.00	31.53 -1.68 0.00	33.11 -1.82 0.00	35.01 -1.93 0.00	43.24 -2.26 0.00	59.39 -2.96 0.00	35.00 -2.65 10.82	39.74 -2.16 0.00	36.30 -2.38 0.00	38.07 -2.69 0.00	40.16 -2.90 0.00	42.10 -2.37 0.00	40.86 -2.10 0.00	40.42 -2.32 0.00	39.59 -2.87 0.00	40.19 -3.45 0.00	40.88 -4.02 0.34	44.80 -4.02 0.00	69.17 -4.92 0.00	98.60 -6.18 0.00	46.17 -3.47 0.00	42.00 -3.18 0.00	38.99 -2.58 0.00
NEG_PENN_ALLEGHNY 23528	31.74 0.20 0.00	30.11 0.09 0.00	33.32 0.11 0.00	35.04 0.11 0.00	37.06 0.12 0.00	45.69 0.19 0.00	62.88 0.53 0.00	58.74 0.32 -9.94	42.21 0.32 0.00	38.84 0.16 0.00	40.69 -0.07 0.00	42.82 -0.24 0.00	44.35 -0.12 0.00	42.85 -0.11 0.00	42.61 -0.13 0.00	42.34 -0.13 0.00	43.49 -0.15 0.00	45.11 -0.13 0.00	48.81 -0.02 0.00	74.48 0.39 0.00	105.54 0.76 0.00	49.81 0.17 0.00	45.31 0.13 0.00	41.60 0.03 0.00
NEG___GEN_MONROE 24207	31.64 0.10 0.00	29.84 -0.17 0.00	33.03 -0.18 0.00	34.70 -0.23 0.00	36.73 -0.21 0.00	45.45 -0.05 0.00	62.39 0.04 0.00	42.83 -0.27 5.38	41.51 -0.38 0.00	37.85 -0.84 0.00	39.64 -1.12 0.00	41.81 -1.25 0.00	43.52 -0.96 0.00	42.22 -0.74 0.00	41.92 -0.82 0.00	41.32 -1.14 0.00	42.17 -1.46 0.00	43.55 -1.65 0.04	47.52 -1.29 0.00	73.13 -0.96 0.00	103.88 -0.90 0.00	48.87 -0.77 0.00	44.35 -0.82 0.00	41.00 -0.57 0.00

NEPA__ENERGY 23901	30.40 -1.14 0.00	28.40 -1.62 0.00	31.62 -1.59 0.00	33.27 -1.66 0.00	35.17 -1.76 0.00	43.46 -2.04 0.00	60.04 -2.31 0.00	35.15 -2.34 10.98	40.24 -1.66 0.00	36.61 -2.08 0.00	38.42 -2.34 0.00	40.53 -2.53 0.00	42.53 -1.94 0.00	41.34 -1.62 0.00	40.83 -1.91 0.00	40.01 -2.46 0.00	40.59 -3.05 0.00	41.34 -3.55 0.35	45.31 -3.51 0.00	70.54 -3.55 0.00	100.94 -3.84 0.00	47.01 -2.62 0.00	42.75 -2.43 0.00	39.46 -2.11 0.00
NEVERSINK__HYD 23608	33.03 1.49 0.00	31.60 1.58 0.00	34.88 1.67 0.00	36.65 1.72 0.00	38.67 1.74 0.00	47.66 2.16 0.00	65.58 3.23 0.00	52.58 2.76 -1.34	44.44 2.55 0.00	41.18 2.49 0.00	43.37 2.61 0.00	45.91 2.85 0.00	47.15 2.68 0.00	44.25 1.29 0.00	44.06 1.32 0.00	43.91 1.44 0.00	45.24 1.61 0.00	46.83 1.60 0.00	50.41 1.59 0.00	76.45 2.37 0.00	108.03 3.25 0.00	52.40 2.77 0.00	47.67 2.50 0.00	43.63 2.06 0.00
NEWKRMKL_115KV_TB1 55635	32.20 0.66 0.00	30.82 0.80 0.00	34.08 0.87 0.00	35.84 0.91 0.00	37.85 0.92 0.00	46.43 0.93 0.00	63.48 1.13 0.00	49.71 1.23 0.00	42.95 1.05 0.00	39.74 1.05 0.00	41.73 0.97 0.00	44.12 1.06 0.00	45.53 1.06 0.00	43.89 0.92 0.00	43.71 0.96 0.00	43.50 1.03 0.00	44.64 1.01 0.00	46.30 1.06 0.00	49.92 1.10 0.00	75.61 1.53 0.00	106.64 1.86 0.00	50.58 0.95 0.00	45.99 0.81 0.00	42.28 0.70 0.00
NEWTON__FALLS_HYD 23847	29.42 -2.12 0.00	27.99 -2.02 0.00	31.18 -2.03 0.00	33.21 -1.72 0.00	35.26 -1.67 0.00	43.55 -1.95 0.00	60.10 -2.24 0.00	46.53 -1.95 0.00	39.87 -2.03 0.00	36.53 -2.15 0.00	38.59 -2.17 0.00	40.71 -2.35 0.00	41.89 -2.58 0.00	40.68 -2.28 0.00	40.65 -2.09 0.00	40.38 -2.09 0.00	41.67 -1.98 0.00	43.29 -1.95 0.00	46.61 -2.21 0.00	71.96 -2.13 0.00	103.07 -1.71 0.00	48.80 -0.84 0.00	43.96 -1.22 0.00	40.58 -0.99 0.00
NGRID_A1_DSASP 323792	29.90 -1.64 0.00	28.05 -1.96 0.00	31.16 -2.05 0.00	32.69 -2.24 0.00	34.55 -2.39 0.00	42.61 -2.89 0.00	58.19 -4.16 0.00	35.64 -3.84 9.00	38.63 -3.27 0.00	35.30 -3.39 0.00	37.10 -3.66 0.00	39.12 -3.95 0.00	41.01 -3.46 0.00	39.98 -2.98 0.00	39.68 -3.06 0.00	38.79 -3.68 0.00	39.29 -4.35 0.00	39.81 -5.13 0.30	43.46 -5.36 0.00	66.65 -7.44 0.00	94.66 -10.12 0.00	44.54 -5.09 0.00	40.70 -4.48 0.00	38.25 -3.32 0.00
NGRID_A2_DSASP 323793	29.90 -1.64 0.00	28.05 -1.96 0.00	31.16 -2.05 0.00	32.69 -2.24 0.00	34.55 -2.39 0.00	42.61 -2.89 0.00	58.19 -4.16 0.00	35.64 -3.84 9.00	38.63 -3.27 0.00	35.30 -3.39 0.00	37.10 -3.66 0.00	39.12 -3.95 0.00	41.01 -3.46 0.00	39.98 -2.98 0.00	39.68 -3.06 0.00	38.79 -3.68 0.00	39.29 -4.35 0.00	39.81 -5.13 0.30	43.46 -5.36 0.00	66.65 -7.44 0.00	94.66 -10.12 0.00	44.54 -5.09 0.00	40.70 -4.48 0.00	38.25 -3.32 0.00
NGRID_A4_DSASP 323807	29.90 -1.64 0.00	28.05 -1.96 0.00	31.16 -2.05 0.00	32.69 -2.24 0.00	34.55 -2.39 0.00	42.61 -2.89 0.00	58.19 -4.16 0.00	35.64 -3.84 9.00	38.63 -3.27 0.00	35.30 -3.39 0.00	37.10 -3.66 0.00	39.12 -3.95 0.00	41.01 -3.46 0.00	39.98 -2.98 0.00	39.68 -3.06 0.00	38.79 -3.68 0.00	39.29 -4.35 0.00	39.81 -5.13 0.30	43.46 -5.36 0.00	66.65 -7.44 0.00	94.66 -10.12 0.00	44.54 -5.09 0.00	40.70 -4.48 0.00	38.25 -3.32 0.00
NIAGARA_115E_LBMP 323715	29.78 -1.76 0.00	27.92 -2.09 0.00	31.02 -2.19 0.00	32.56 -2.37 0.00	34.43 -2.50 0.00	42.48 -3.02 0.00	57.97 -4.38 0.00	35.55 -3.98 8.95	38.67 -3.22 0.00	35.31 -3.37 0.00	37.24 -3.52 0.00	39.32 -3.74 0.00	41.21 -3.26 0.00	40.06 -2.91 0.00	39.63 -3.11 0.00	38.75 -3.72 0.00	39.12 -4.52 0.00	39.67 -5.27 0.29	43.47 -5.35 0.00	66.77 -7.32 0.00	94.97 -9.82 0.00	44.66 -4.97 0.00	40.75 -4.43 0.00	38.15 -3.42 0.00
NIAGARA_115W_LBMP 323714	29.84 -1.70 0.00	28.00 -2.01 0.00	31.10 -2.12 0.00	32.63 -2.30 0.00	34.48 -2.46 0.00	42.54 -2.95 0.00	58.08 -4.27 0.00	35.49 -4.00 8.98	38.54 -3.36 0.00	35.22 -3.47 0.00	37.00 -3.76 0.00	39.03 -4.03 0.00	40.91 -3.56 0.00	39.89 -3.07 0.00	39.60 -3.14 0.00	38.73 -3.74 0.00	39.22 -4.42 0.00	39.72 -5.22 0.30	43.34 -5.48 0.00	66.43 -7.66 0.00	94.40 -10.38 0.00	44.42 -5.22 0.00	40.59 -4.59 0.00	38.19 -3.38 0.00
NIAGARA_230_LBMP 323716	30.06 -1.48 0.00	28.21 -1.80 0.00	31.33 -1.88 0.00	32.87 -2.06 0.00	34.74 -2.19 0.00	42.87 -2.63 0.00	58.60 -3.75 0.00	36.15 -3.48 8.85	39.07 -2.82 0.00	35.69 -2.99 0.00	37.54 -3.21 0.00	39.63 -3.43 0.00	41.51 -2.96 0.00	40.36 -2.60 0.00	39.97 -2.77 0.00	39.10 -3.36 0.00	39.63 -4.01 0.00	40.27 -4.68 0.29	44.06 -4.76 0.00	67.61 -6.48 0.00	96.16 -8.62 0.00	45.17 -4.46 0.00	41.16 -4.02 0.00	38.50 -3.07 0.00
NIAGARA__115KV_198_GIBSON 55903	29.85 -1.69 0.00	28.01 -2.01 0.00	31.10 -2.11 0.00	32.63 -2.29 0.00	34.48 -2.45 0.00	42.52 -2.98 0.00	58.07 -4.28 0.00	35.55 -3.95 8.98	38.54 -3.36 0.00	35.21 -3.47 0.00	37.01 -3.75 0.00	39.02 -4.04 0.00	40.90 -3.57 0.00	39.90 -3.07 0.00	39.61 -3.13 0.00	38.72 -3.75 0.00	39.22 -4.41 0.00	39.73 -5.21 0.30	43.36 -5.46 0.00	66.48 -7.61 0.00	94.40 -10.38 0.00	44.42 -5.21 0.00	40.61 -4.57 0.00	38.18 -3.39 0.00
NIAGARA____ 23760	30.06 -1.48 0.00	28.21 -1.80 0.00	31.33 -1.88 0.00	32.87 -2.06 0.00	34.74 -2.19 0.00	42.87 -2.63 0.00	58.60 -3.75 0.00	36.11 -3.48 8.88	39.07 -2.82 0.00	35.69 -2.99 0.00	37.54 -3.21 0.00	39.63 -3.43 0.00	41.51 -2.96 0.00	40.36 -2.60 0.00	39.97 -2.77 0.00	39.10 -3.36 0.00	39.63 -4.01 0.00	40.26 -4.68 0.29	44.06 -4.76 0.00	67.61 -6.48 0.00	96.16 -8.62 0.00	45.17 -4.46 0.00	41.16 -4.02 0.00	38.50 -3.07 0.00
NINE_MILE_1 23575	30.56 -0.98 0.00	29.02 -1.00 0.00	32.08 -1.13 0.00	33.73 -1.20 0.00	35.68 -1.25 0.00	43.96 -1.54 0.00	60.31 -2.04 0.00	46.89 -1.58 0.00	40.53 -1.37 0.00	37.34 -1.35 0.00	39.22 -1.53 0.00	41.38 -1.68 0.00	42.79 -1.68 0.00	41.35 -1.62 0.00	41.12 -1.62 0.00	40.85 -1.61 0.00	41.97 -1.67 0.00	43.51 -1.73 0.00	47.04 -1.78 0.00	71.58 -2.51 0.00	101.31 -3.47 0.00	47.92 -1.72 0.00	43.59 -1.59 0.00	40.11 -1.46 0.00
NINE_MILE_2 23744	30.56 -0.98 0.00	29.02 -1.00 0.00	32.08 -1.13 0.00	33.73 -1.20 0.00	35.68 -1.25 0.00	43.97 -1.53 0.00	60.31 -2.04 0.00	46.90 -1.58 0.00	40.53 -1.37 0.00	37.34 -1.35 0.00	39.22 -1.53 0.00	41.38 -1.68 0.00	42.79 -1.68 0.00	41.35 -1.61 0.00	41.13 -1.61 0.00	40.86 -1.61 0.00	41.97 -1.67 0.00	43.51 -1.73 0.00	47.04 -1.78 0.00	71.58 -2.51 0.00	101.31 -3.47 0.00	47.92 -1.72 0.00	43.60 -1.58 0.00	40.11 -1.46 0.00
NM_CAPITAL__DRP 24208	32.26 0.72 0.00	30.87 0.86 0.00	34.15 0.93 0.00	35.91 0.98 0.00	37.93 1.00 0.00	46.53 1.04 0.00	63.58 1.23 0.00	49.76 1.29 0.00	43.01 1.11 0.00	39.80 1.12 0.00	41.82 1.06 0.00	44.22 1.16 0.00	45.64 1.16 0.00	43.99 1.02 0.00	43.80 1.05 0.00	43.58 1.12 0.00	44.75 1.11 0.00	46.40 1.16 0.00	50.01 1.19 0.00	75.75 1.66 0.00	106.82 2.04 0.00	50.69 1.05 0.00	46.10 0.92 0.00	42.37 0.80 0.00

NM_CENTRAL___DRP 24181	31.17 -0.38 0.00	29.58 -0.44 0.00	32.69 -0.53 0.00	34.39 -0.54 0.00	36.38 -0.56 0.00	44.85 -0.65 0.00	61.59 -0.75 0.00	47.89 -0.58 0.00	41.40 -0.49 0.00	38.07 -0.61 0.00	39.92 -0.84 0.00	42.10 -0.96 0.00	43.56 -0.91 0.00	42.11 -0.86 0.00	41.89 -0.85 0.00	41.64 -0.83 0.00	42.78 -0.86 0.00	44.37 -0.86 0.00	47.98 -0.84 0.00	73.12 -0.97 0.00	103.46 -1.32 0.00	48.91 -0.72 0.00	44.47 -0.71 0.00	40.88 -0.69 0.00
NM_FRONTIER___DRP 24179	29.85 -1.69 0.00	28.01 -2.01 0.00	31.10 -2.11 0.00	32.63 -2.29 0.00	34.48 -2.45 0.00	42.52 -2.98 0.00	58.07 -4.28 0.00	35.55 -3.95 8.98	38.54 -3.36 0.00	35.21 -3.47 0.00	37.01 -3.75 0.00	39.02 -4.04 0.00	40.90 -3.57 0.00	39.90 -3.07 0.00	39.61 -3.13 0.00	38.72 -3.75 0.00	39.22 -4.41 0.00	39.73 -5.21 0.30	43.36 -5.46 0.00	66.48 -7.61 0.00	94.40 -10.38 0.00	44.42 -5.21 0.00	40.61 -4.57 0.00	38.18 -3.39 0.00
NM_ST_REGIS___HYD 24053	30.32 -1.22 0.00	28.91 -1.11 0.00	32.10 -1.11 0.00	33.91 -1.03 0.00	35.91 -1.02 0.00	44.37 -1.13 0.00	60.84 -1.51 0.00	47.17 -1.31 0.00	40.51 -1.39 0.00	37.37 -1.31 0.00	39.60 -1.16 0.00	41.84 -1.22 0.00	43.13 -1.34 0.00	41.76 -1.21 0.00	41.61 -1.13 0.00	41.34 -1.12 0.00	42.55 -1.09 0.00	44.15 -1.09 0.00	47.67 -1.15 0.00	72.64 -1.45 0.00	103.43 -1.35 0.00	49.05 -0.59 0.00	44.38 -0.79 0.00	40.94 -0.63 0.00
NORTHPORT___1 23551	35.69 1.97 -2.18	32.40 1.94 -0.45	34.98 1.77 0.00	36.64 1.71 0.00	38.57 1.64 0.00	46.82 1.32 0.00	50.36 1.61 13.60	47.22 1.89 3.15	43.64 2.07 0.32	37.23 2.09 3.54	49.96 2.42 -6.77	45.93 2.84 -0.03	46.47 2.50 0.49	45.50 2.54 0.00	45.40 2.66 0.00	45.18 2.71 0.00	45.72 2.63 0.55	27.68 2.26 19.82	27.68 2.15 23.28	31.96 3.10 45.24	46.69 3.15 61.23	41.56 1.61 9.68	45.64 1.56 1.10	42.79 1.71 0.48
NORTHPORT___2 23552	35.69 1.97 -2.18	32.40 1.94 -0.45	34.98 1.77 0.00	36.64 1.71 0.00	38.57 1.64 0.00	46.82 1.32 0.00	50.36 1.61 13.60	47.22 1.89 3.15	43.64 2.07 0.32	37.23 2.09 3.54	49.96 2.42 -6.77	45.93 2.84 -0.03	46.47 2.50 0.49	45.50 2.54 0.00	45.40 2.66 0.00	45.18 2.71 0.00	45.72 2.63 0.55	27.68 2.26 19.82	27.68 2.15 23.28	31.96 3.10 45.24	46.69 3.15 61.23	41.56 1.61 9.68	45.64 1.56 1.10	42.79 1.71 0.48
NORTHPORT___3 23553	35.69 1.96 -2.19	32.39 1.93 -0.45	34.98 1.77 0.00	36.62 1.69 0.00	38.55 1.62 0.00	46.81 1.31 0.00	55.92 1.56 7.99	48.49 1.86 1.85	43.74 2.04 0.19	38.65 2.05 2.08	49.96 2.40 -6.80	45.99 2.82 -0.11	46.67 2.49 0.29	45.50 2.53 0.00	45.38 2.64 0.00	45.16 2.69 0.00	45.92 2.60 0.32	35.83 2.24 11.65	37.25 2.11 13.68	50.59 3.07 26.58	71.95 3.15 35.97	45.54 1.59 5.69	46.07 1.53 0.64	42.98 1.69 0.28
NORTHPORT___4 23650	35.69 1.96 -2.19	32.39 1.93 -0.45	34.98 1.77 0.00	36.62 1.69 0.00	38.55 1.62 0.00	46.81 1.31 0.00	55.92 1.56 7.99	48.49 1.86 1.85	43.74 2.04 0.19	38.65 2.05 2.08	49.96 2.40 -6.80	45.99 2.82 -0.11	46.67 2.49 0.29	45.50 2.53 0.00	45.38 2.64 0.00	45.16 2.69 0.00	45.92 2.60 0.32	35.83 2.24 11.65	37.25 2.11 13.68	50.59 3.07 26.58	71.95 3.15 35.97	45.54 1.59 5.69	46.07 1.53 0.64	42.98 1.69 0.28
NORTHPORT___IC 23718	35.69 1.97 -2.18	32.40 1.94 -0.45	34.99 1.77 0.00	36.64 1.71 0.00	38.57 1.64 0.00	46.83 1.33 0.00	50.36 1.61 13.60	47.21 1.88 3.15	43.64 2.06 0.32	37.22 2.08 3.54	49.95 2.42 -6.77	45.92 2.84 -0.03	46.48 2.50 0.49	45.50 2.54 0.00	45.40 2.66 0.00	45.18 2.71 0.00	45.71 2.62 0.55	27.68 2.27 19.82	27.69 2.15 23.28	31.95 3.10 45.24	46.70 3.15 61.23	41.56 1.61 9.68	45.63 1.54 1.10	42.79 1.70 0.48
NORTH___COUNTRY_ESR 323785	31.00 -0.54 0.00	29.67 -0.34 0.00	33.00 -0.21 0.00	34.79 -0.14 0.00	36.78 -0.16 0.00	45.44 -0.06 0.00	62.21 -0.14 0.00	48.25 -0.23 0.00	41.62 -0.27 0.00	38.60 -0.08 0.00	40.88 0.12 0.00	43.20 0.14 0.00	44.60 0.12 0.00	43.14 0.17 0.00	42.94 0.20 0.00	42.71 0.24 0.00	43.85 0.22 0.00	45.43 0.19 0.00	49.08 0.25 0.00	74.25 0.16 0.00	105.13 0.35 0.00	49.95 0.31 0.00	45.45 0.27 0.00	41.84 0.27 0.00
NPX_GEN_1385_PROXY 323591	35.69 1.97 -2.18	32.40 1.94 -0.45	34.98 1.77 0.00	36.64 1.71 0.00	38.57 1.64 0.00	46.82 1.32 0.00	50.36 1.61 13.60	47.22 1.89 3.15	43.64 2.07 0.32	37.23 2.09 3.54	49.96 2.42 -6.77	45.93 2.84 -0.03	46.47 2.50 0.49	45.50 2.54 0.00	45.40 2.66 0.00	45.18 2.71 0.00	45.72 2.63 0.55	27.68 2.26 19.82	27.68 2.15 23.28	31.96 3.10 45.24	46.69 3.15 61.23	41.56 1.61 9.68	45.64 1.56 1.10	42.79 1.71 0.48
NPX_GEN_CSC 323557	36.21 2.46 -2.21	32.87 2.40 -0.46	35.44 2.23 0.00	37.08 2.15 0.00	39.03 2.10 0.00	47.67 2.18 0.00	67.99 3.04 -2.60	52.11 3.04 -0.60	45.02 3.06 -0.06	42.29 2.92 -0.68	50.70 3.08 -6.86	47.15 3.82 -0.27	48.05 3.49 -0.09	46.50 3.53 0.00	46.34 3.60 0.00	46.11 3.64 0.00	47.32 3.58 -0.10	52.36 3.33 -3.80	56.60 3.33 -4.46	87.77 5.03 -8.66	121.83 5.32 -11.72	54.29 2.80 -1.85	47.72 2.34 -0.21	44.19 2.53 -0.09
NSINS_S___GLNS_FALLS 23858	32.64 1.10 0.00	31.29 1.27 0.00	34.68 1.47 0.00	36.46 1.53 0.00	38.53 1.60 0.00	47.48 1.98 0.00	64.97 2.63 0.00	50.65 2.18 0.00	43.69 1.80 0.00	40.35 1.67 0.00	42.35 1.59 0.00	44.68 1.62 0.00	46.06 1.59 0.00	44.10 1.14 0.00	43.90 1.16 0.00	43.29 0.82 0.00	44.75 1.11 0.00	46.53 1.29 0.00	50.42 1.60 0.00	76.64 2.55 0.00	108.21 3.43 0.00	51.35 1.71 0.00	46.83 1.65 0.00	42.84 1.27 0.00
NUCOR_STEEL___DRP 24197	31.50 -0.04 0.00	29.88 -0.13 0.00	33.05 -0.16 0.00	34.77 -0.16 0.00	36.80 -0.13 0.00	45.37 -0.13 0.00	62.42 0.07 0.00	46.31 0.00 2.16	41.87 -0.03 0.00	38.43 -0.25 0.00	40.09 -0.67 0.00	42.17 -0.90 0.00	43.67 -0.80 0.00	42.19 -0.77 0.00	41.96 -0.78 0.00	41.73 -0.74 0.00	42.84 -0.80 0.00	44.56 -0.68 0.00	48.27 -0.55 0.00	73.88 -0.21 0.00	104.78 0.00 0.00	49.50 -0.14 0.00	44.94 -0.24 0.00	41.31 -0.26 0.00
NUMBER_THREE_WT_PWR 323818	29.58 -1.96 0.00	28.12 -1.90 0.00	31.43 -1.78 0.00	33.76 -1.17 0.00	35.92 -1.02 0.00	44.34 -1.16 0.00	61.51 -0.84 0.00	47.61 -0.87 0.00	40.84 -1.06 0.00	37.19 -1.49 0.00	39.14 -1.62 0.00	41.17 -1.89 0.00	42.37 -2.10 0.00	41.18 -1.78 0.00	41.09 -1.65 0.00	40.83 -1.63 0.00	42.30 -1.34 0.00	44.02 -1.21 0.00	47.25 -1.57 0.00	73.53 -0.56 0.00	105.68 0.89 0.00	49.97 0.33 0.00	44.90 -0.28 0.00	41.42 -0.15 0.00
NYISO_LBMP_REFERENCE 24008	31.54 0.00 0.00	30.01 0.00 0.00	33.21 0.00 0.00	34.93 0.00 0.00	36.93 0.00 0.00	45.50 0.00 0.00	62.35 0.00 0.00	48.48 0.00 0.00	41.90 0.00 0.00	38.68 0.00 0.00	40.76 0.00 0.00	43.06 0.00 0.00	44.47 0.00 0.00	42.96 0.00 0.00	42.74 0.00 0.00	42.47 0.00 0.00	43.64 0.00 0.00	45.24 0.00 0.00	48.82 0.00 0.00	74.09 0.00 0.00	104.78 0.00 0.00	49.63 0.00 0.00	45.18 0.00 0.00	41.57 0.00 0.00

NYPA_BRENTWD____GT 24164	36.17 2.37 -2.26	32.76 2.28 -0.46	35.36 2.15 0.00	37.02 2.09 0.00	38.99 2.06 0.00	47.47 1.97 0.00	67.35 2.64 -2.36	51.73 2.70 -0.55	44.74 2.79 -0.05	42.03 2.73 -0.62	50.84 3.08 -7.00	46.87 3.54 -0.27	47.66 3.11 -0.09	46.21 3.24 0.00	46.08 3.33 0.00	45.85 3.38 0.00	47.06 3.33 -0.10	51.72 3.04 -3.45	55.85 2.98 -4.05	86.36 4.41 -7.87	120.19 4.76 -10.65	53.74 2.42 -1.68	47.65 2.28 -0.19	43.98 2.32 -0.08
NYPA_GOWANUS____GT5 24156	33.59 2.05 0.00	31.90 1.88 0.00	35.04 1.83 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.36 3.02 0.00	51.37 2.90 0.00	44.82 2.92 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.83 0.00	78.27 4.19 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.81 2.63 0.00	43.78 2.22 0.00
NYPA_GOWANUS____GT6 24157	33.59 2.05 0.00	31.90 1.88 0.00	35.04 1.83 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.36 3.02 0.00	51.37 2.90 0.00	44.82 2.92 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.83 0.00	78.27 4.19 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.81 2.63 0.00	43.78 2.22 0.00
NYPA_HARLEM__RVR__GT1 24160	33.37 1.83 0.00	31.76 1.74 0.00	34.88 1.67 0.00	36.61 1.68 0.00	38.61 1.68 0.00	47.44 1.94 0.00	65.10 2.75 0.00	51.06 2.59 0.00	44.62 2.72 0.00	41.32 2.64 0.00	43.47 2.71 0.00	46.02 2.96 0.00	47.48 3.01 0.00	45.68 2.72 0.00	45.43 2.70 0.00	45.28 2.81 0.00	46.52 2.88 0.00	48.06 2.82 0.00	51.45 2.64 0.00	77.86 3.77 0.00	109.86 5.08 0.00	51.97 2.33 0.00	47.56 2.38 0.00	43.52 1.96 0.00
NYPA_HARLEM__RVR__GT2 24161	33.37 1.83 0.00	31.76 1.74 0.00	34.88 1.67 0.00	36.61 1.68 0.00	38.61 1.68 0.00	47.44 1.94 0.00	65.10 2.75 0.00	51.06 2.59 0.00	44.62 2.72 0.00	41.32 2.64 0.00	43.47 2.71 0.00	46.02 2.96 0.00	47.48 3.01 0.00	45.68 2.72 0.00	45.43 2.70 0.00	45.28 2.81 0.00	46.52 2.88 0.00	48.06 2.82 0.00	51.45 2.64 0.00	77.86 3.77 0.00	109.86 5.08 0.00	51.97 2.33 0.00	47.56 2.38 0.00	43.52 1.96 0.00
NYPA_KENT____GT 24152	33.53 1.98 0.00	31.86 1.85 0.00	34.99 1.78 0.00	36.71 1.78 0.00	38.71 1.77 0.00	47.60 2.11 0.00	65.31 2.96 0.00	51.26 2.79 0.00	44.74 2.85 0.00	41.50 2.81 0.00	43.66 2.90 0.00	46.20 3.13 0.00	47.64 3.17 0.00	45.84 2.87 0.00	45.61 2.88 0.00	45.45 2.98 0.00	46.69 3.05 0.00	48.23 2.99 0.00	51.60 2.78 0.00	78.12 4.03 0.00	110.24 5.46 0.00	52.14 2.51 0.00	47.69 2.51 0.00	43.68 2.11 0.00
NYPA_POUCH1____GT 24155	33.58 2.04 0.00	31.89 1.87 0.00	35.04 1.83 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.27 2.92 0.00	51.32 2.84 0.00	44.77 2.87 0.00	41.48 2.79 0.00	43.63 2.87 0.00	46.18 3.12 0.00	47.64 3.17 0.00	45.84 2.88 0.00	45.63 2.89 0.00	45.46 2.99 0.00	46.66 3.02 0.00	48.16 2.92 0.00	51.46 2.64 0.00	78.00 3.92 0.00	110.07 5.30 0.00	52.12 2.48 0.00	47.72 2.54 0.00	43.75 2.17 0.00
NYPA_VERNON____GT2 24162	33.45 1.91 0.00	31.83 1.81 0.00	34.95 1.74 0.00	36.65 1.72 0.00	38.65 1.71 0.00	47.52 2.02 0.00	65.22 2.87 0.00	51.15 2.68 0.00	44.67 2.77 0.00	41.44 2.76 0.00	43.59 2.83 0.00	46.11 3.05 0.00	47.54 3.07 0.00	45.77 2.80 0.00	45.52 2.78 0.00	45.35 2.89 0.00	46.60 2.96 0.00	48.17 2.93 0.00	51.56 2.74 0.00	78.05 3.97 0.00	110.10 5.32 0.00	52.07 2.43 0.00	47.57 2.39 0.00	43.57 1.99 0.00
NYPA_VERNON____GT3 24163	33.45 1.91 0.00	31.83 1.81 0.00	34.95 1.74 0.00	36.65 1.72 0.00	38.65 1.71 0.00	47.52 2.02 0.00	65.22 2.87 0.00	51.15 2.68 0.00	44.67 2.77 0.00	41.44 2.76 0.00	43.59 2.83 0.00	46.11 3.05 0.00	47.54 3.07 0.00	45.77 2.80 0.00	45.52 2.78 0.00	45.35 2.89 0.00	46.60 2.96 0.00	48.17 2.93 0.00	51.56 2.74 0.00	78.05 3.97 0.00	110.10 5.32 0.00	52.07 2.43 0.00	47.57 2.39 0.00	43.57 1.99 0.00
NYPA__ASTORIA_CC1 323568	33.43 1.89 0.00	31.81 1.80 0.00	34.92 1.71 0.00	36.63 1.70 0.00	38.61 1.68 0.00	47.48 1.98 0.00	65.20 2.86 0.00	51.14 2.66 0.00	44.64 2.75 0.00	41.40 2.71 0.00	43.55 2.79 0.00	46.08 3.02 0.00	47.52 3.05 0.00	45.72 2.76 0.00	45.49 2.75 0.00	45.32 2.85 0.00	46.57 2.93 0.00	48.13 2.89 0.00	51.52 2.70 0.00	78.02 3.93 0.00	110.06 5.28 0.00	52.04 2.40 0.00	47.54 2.36 0.00	43.54 1.97 0.00
NYPA__ASTORIA_CC2 323569	33.43 1.89 0.00	31.81 1.80 0.00	34.92 1.71 0.00	36.63 1.70 0.00	38.61 1.68 0.00	47.48 1.98 0.00	65.20 2.86 0.00	51.14 2.66 0.00	44.64 2.75 0.00	41.40 2.71 0.00	43.55 2.79 0.00	46.08 3.02 0.00	47.52 3.05 0.00	45.72 2.76 0.00	45.49 2.75 0.00	45.32 2.85 0.00	46.57 2.93 0.00	48.13 2.89 0.00	51.52 2.70 0.00	78.02 3.93 0.00	110.06 5.28 0.00	52.04 2.40 0.00	47.54 2.36 0.00	43.54 1.97 0.00
NYPA__HOLTSVILL 23794	35.94 2.19 -2.21	32.60 2.13 -0.46	35.17 1.96 0.00	36.81 1.88 0.00	38.76 1.82 0.00	47.20 1.70 0.00	67.36 2.30 -2.72	51.53 2.42 -0.63	44.53 2.57 -0.06	41.91 2.52 -0.71	50.40 2.79 -6.85	46.63 3.30 -0.27	47.55 2.98 -0.10	46.01 3.04 0.00	45.87 3.13 0.00	45.64 3.18 0.00	46.85 3.10 -0.11	51.99 2.79 -3.96	56.17 2.69 -4.65	87.12 4.00 -9.04	121.32 4.30 -12.23	53.74 2.17 -1.93	47.37 1.98 -0.22	43.77 2.10 -0.10
NYPA__HELLGATE_GT1 24158	33.37 1.83 0.00	31.76 1.74 0.00	34.88 1.67 0.00	36.61 1.68 0.00	38.61 1.68 0.00	47.44 1.94 0.00	65.10 2.75 0.00	51.06 2.59 0.00	44.61 2.72 0.00	41.32 2.64 0.00	43.47 2.71 0.00	46.02 2.96 0.00	47.48 3.01 0.00	45.68 2.72 0.00	45.43 2.70 0.00	45.28 2.81 0.00	46.52 2.88 0.00	48.06 2.82 0.00	51.46 2.64 0.00	77.86 3.77 0.00	109.86 5.08 0.00	51.98 2.35 0.00	47.56 2.39 0.00	43.52 1.96 0.00
NYPA__HELLGATE_GT2 24159	33.37 1.83 0.00	31.76 1.74 0.00	34.88 1.67 0.00	36.61 1.68 0.00	38.61 1.68 0.00	47.44 1.94 0.00	65.10 2.75 0.00	51.06 2.59 0.00	44.61 2.72 0.00	41.32 2.64 0.00	43.47 2.71 0.00	46.02 2.96 0.00	47.48 3.01 0.00	45.68 2.72 0.00	45.43 2.70 0.00	45.28 2.81 0.00	46.52 2.88 0.00	48.06 2.82 0.00	51.46 2.64 0.00	77.86 3.77 0.00	109.86 5.08 0.00	51.98 2.35 0.00	47.56 2.39 0.00	43.52 1.96 0.00
NYS_BARGE__HYD 23848	30.23 -1.31 0.00	28.35 -1.67 0.00	31.49 -1.72 0.00	33.06 -1.87 0.00	34.96 -1.98 0.00	43.16 -2.34 0.00	59.05 -3.30 0.00	36.99 -3.07 8.42	39.33 -2.57 0.00	35.85 -2.83 0.00	37.74 -3.02 0.00	39.80 -3.26 0.00	41.72 -2.75 0.00	40.55 -2.41 0.00	40.12 -2.62 0.00	39.23 -3.23 0.00	39.67 -3.97 0.00	40.33 -4.64 0.27	44.22 -4.60 0.00	68.09 -6.00 0.00	96.93 -7.85 0.00	45.57 -4.07 0.00	41.51 -3.67 0.00	38.81 -2.76 0.00

OAK ORCHARD___HYD 24046	31.54 0.00 0.00	29.77 -0.24 0.00	32.96 -0.25 0.00	34.63 -0.30 0.00	36.65 -0.29 0.00	45.29 -0.21 0.00	62.20 -0.15 0.00	42.85 -0.38 5.24	41.50 -0.39 0.00	37.97 -0.71 0.00	39.81 -0.95 0.00	42.01 -1.05 0.00	43.70 -0.77 0.00	42.36 -0.60 0.00	42.05 -0.69 0.00	41.49 -0.98 0.00	42.41 -1.23 0.00	43.84 -1.40 0.00	47.68 -1.14 0.00	73.11 -0.97 0.00	103.77 -1.01 0.00	48.83 -0.80 0.00	44.31 -0.87 0.00	40.95 -0.62 0.00
OAKDALE___35_KV_LOAD 356122	31.65 0.11 0.00	30.02 0.01 0.00	33.25 0.03 0.00	34.94 0.01 0.00	36.95 0.02 0.00	45.54 0.04 0.00	62.60 0.25 0.00	59.07 0.15 -10.45	42.12 0.22 0.00	38.77 0.08 0.00	40.64 -0.12 0.00	42.82 -0.25 0.00	44.35 -0.12 0.00	42.85 -0.11 0.00	42.61 -0.13 0.00	42.31 -0.15 0.00	43.45 -0.19 0.00	45.04 -0.20 0.00	48.72 -0.10 0.00	74.30 0.21 0.00	105.28 0.50 0.00	49.71 0.07 0.00	45.23 0.05 0.00	41.55 -0.02 0.00
OCC_CHEM___DRP 24175	29.90 -1.64 0.00	28.05 -1.96 0.00	31.16 -2.05 0.00	32.69 -2.24 0.00	34.55 -2.39 0.00	42.61 -2.89 0.00	58.19 -4.16 0.00	35.64 -3.84 9.00	38.63 -3.27 0.00	35.30 -3.39 0.00	37.10 -3.66 0.00	39.12 -3.95 0.00	41.01 -3.46 0.00	39.98 -2.98 0.00	39.68 -3.06 0.00	38.79 -3.68 0.00	39.29 -4.35 0.00	39.81 -5.13 0.30	43.46 -5.36 0.00	66.65 -7.44 0.00	94.66 -10.12 0.00	44.54 -5.09 0.00	40.70 -4.48 0.00	38.25 -3.32 0.00
OH_GEN_PROXY 24063	30.09 -1.45 0.00	28.24 -1.77 0.00	31.36 -1.85 0.00	32.91 -2.02 0.00	34.78 -2.16 0.00	42.92 -2.58 0.00	58.73 -3.62 0.00	36.09 -3.37 9.01	39.16 -2.74 0.00	35.78 -2.91 0.00	37.62 -3.14 0.00	39.72 -3.34 0.00	41.59 -2.88 0.00	40.44 -2.52 0.00	40.06 -2.68 0.00	39.21 -3.26 0.00	39.76 -3.88 0.00	40.42 -4.55 0.27	44.19 -4.63 0.00	67.88 -6.21 0.00	96.54 -8.24 0.00	45.32 -4.31 0.00	41.26 -3.92 0.00	38.55 -3.02 0.00
OLIN_CORP_DRP 24177	29.84 -1.71 0.00	27.97 -2.04 0.00	31.07 -2.14 0.00	32.62 -2.31 0.00	34.49 -2.45 0.00	42.54 -2.96 0.00	58.09 -4.26 0.00	35.57 -3.85 9.06	38.76 -3.14 0.00	35.39 -3.30 0.00	37.32 -3.44 0.00	39.40 -3.66 0.00	41.27 -3.20 0.00	40.13 -2.84 0.00	39.70 -3.04 0.00	38.82 -3.65 0.00	39.21 -4.43 0.00	39.76 -5.18 0.30	43.59 -5.23 0.00	66.97 -7.12 0.00	95.20 -9.58 0.00	44.76 -4.88 0.00	40.86 -4.32 0.00	38.23 -3.35 0.00
OLIN_CORP_DSASP 323712	29.90 -1.64 0.00	28.05 -1.96 0.00	31.16 -2.05 0.00	32.69 -2.24 0.00	34.55 -2.39 0.00	42.61 -2.89 0.00	58.19 -4.16 0.00	35.64 -3.84 9.00	38.63 -3.27 0.00	35.30 -3.39 0.00	37.10 -3.66 0.00	39.12 -3.95 0.00	41.01 -3.46 0.00	39.98 -2.98 0.00	39.68 -3.06 0.00	38.79 -3.68 0.00	39.29 -4.35 0.00	39.81 -5.13 0.30	43.46 -5.36 0.00	66.65 -7.44 0.00	94.66 -10.12 0.00	44.54 -5.09 0.00	40.70 -4.48 0.00	38.25 -3.32 0.00
ONEIDA_HERK_LFGE 323681	31.13 -0.41 0.00	29.58 -0.43 0.00	32.90 -0.31 0.00	34.97 0.04 0.00	37.10 0.16 0.00	45.76 0.27 0.00	63.24 0.89 0.00	49.03 0.56 0.00	42.14 0.25 0.00	38.45 -0.23 0.00	40.31 -0.45 0.00	42.35 -0.71 0.00	43.66 -0.82 0.00	42.30 -0.66 0.00	42.13 -0.61 0.00	41.92 -0.55 0.00	43.41 -0.23 0.00	45.33 0.09 0.00	48.85 0.03 0.00	75.36 1.28 0.00	107.46 2.68 0.00	50.79 1.16 0.00	45.85 0.68 0.00	42.19 0.61 0.00
ONEIDA___115KV_TB4 55905	32.05 0.50 0.00	30.44 0.43 0.00	33.72 0.51 0.00	35.54 0.61 0.00	37.65 0.71 0.00	46.40 0.90 0.00	63.90 1.56 0.00	49.62 1.15 0.00	42.76 0.87 0.00	39.10 0.42 0.00	40.89 0.13 0.00	42.98 -0.08 0.00	44.41 -0.06 0.00	42.94 -0.02 0.00	42.71 -0.03 0.00	42.51 0.04 0.00	43.90 0.26 0.00	45.92 0.68 0.00	49.59 0.78 0.00	76.07 1.99 0.00	107.85 3.08 0.00	50.97 1.33 0.00	46.23 1.05 0.00	42.44 0.87 0.00
ONONDAGA_REF_OCCRA 23987	31.35 -0.19 0.00	29.75 -0.26 0.00	32.89 -0.33 0.00	34.60 -0.34 0.00	36.60 -0.33 0.00	45.13 -0.37 0.00	62.02 -0.33 0.00	48.23 -0.25 0.00	41.69 -0.20 0.00	38.31 -0.38 0.00	40.12 -0.64 0.00	42.27 -0.79 0.00	43.74 -0.73 0.00	42.28 -0.69 0.00	42.05 -0.69 0.00	41.83 -0.64 0.00	42.96 -0.68 0.00	44.62 -0.61 0.00	48.28 -0.54 0.00	73.61 -0.48 0.00	104.22 -0.56 0.00	49.26 -0.38 0.00	44.77 -0.41 0.00	41.13 -0.44 0.00
ONONDAGA___COGEN 23986	31.26 -0.28 0.00	29.67 -0.35 0.00	32.80 -0.41 0.00	34.50 -0.43 0.00	36.52 -0.42 0.00	45.01 -0.48 0.00	61.84 -0.51 0.00	46.66 -0.41 1.41	41.53 -0.37 0.00	38.18 -0.51 0.00	39.97 -0.79 0.00	42.13 -0.93 0.00	43.58 -0.89 0.00	42.11 -0.85 0.00	41.90 -0.84 0.00	41.68 -0.79 0.00	42.81 -0.82 0.00	44.44 -0.79 0.00	48.08 -0.74 0.00	73.34 -0.75 0.00	103.87 -0.91 0.00	49.09 -0.54 0.00	44.62 -0.56 0.00	41.02 -0.56 0.00
ONTARIO___LFGE 23819	31.32 -0.22 0.00	29.56 -0.45 0.00	32.77 -0.44 0.00	34.47 -0.46 0.00	36.51 -0.43 0.00	45.07 -0.43 0.00	62.23 -0.11 0.00	41.63 -0.12 6.72	41.77 -0.12 0.00	38.18 -0.51 0.00	39.64 -1.12 0.00	41.66 -1.40 0.00	43.32 -1.15 0.00	41.94 -1.02 0.00	41.61 -1.13 0.00	41.12 -1.34 0.00	42.14 -1.50 0.00	43.80 -1.61 -0.17	47.51 -1.31 0.00	73.51 -0.58 0.00	104.77 -0.02 0.00	49.29 -0.34 0.00	44.74 -0.44 0.00	41.20 -0.37 0.00
ORANGEVILLE_WT_PWR 323706	29.63 -1.91 0.00	27.72 -2.29 0.00	30.94 -2.27 0.00	32.61 -2.32 0.00	34.50 -2.44 0.00	42.72 -2.78 0.00	58.94 -3.41 0.00	32.92 -3.10 12.46	39.14 -2.75 0.00	35.66 -3.02 0.00	37.56 -3.19 0.00	39.71 -3.35 0.00	41.59 -2.88 0.00	40.15 -2.81 0.00	39.48 -3.26 0.00	38.51 -3.96 0.00	39.02 -4.62 0.00	39.09 -5.21 0.94	43.88 -4.94 0.00	68.75 -5.34 0.00	99.17 -5.62 0.00	46.49 -3.15 0.00	42.30 -2.88 0.00	39.33 -2.24 0.00
ORANGEVILLE___ESR 323794	29.63 -1.91 0.00	27.72 -2.29 0.00	30.94 -2.27 0.00	32.61 -2.32 0.00	34.50 -2.44 0.00	42.72 -2.78 0.00	58.94 -3.41 0.00	32.92 -3.10 12.46	39.14 -2.75 0.00	35.66 -3.02 0.00	37.56 -3.19 0.00	39.71 -3.35 0.00	41.59 -2.88 0.00	40.15 -2.81 0.00	39.48 -3.26 0.00	38.51 -3.96 0.00	39.02 -4.62 0.00	39.09 -5.21 0.94	43.88 -4.94 0.00	68.75 -5.34 0.00	99.17 -5.62 0.00	46.49 -3.15 0.00	42.30 -2.88 0.00	39.33 -2.24 0.00
OSWEGATCHIE___HYD 24044	29.42 -2.12 0.00	27.99 -2.02 0.00	31.18 -2.03 0.00	33.21 -1.72 0.00	35.26 -1.67 0.00	43.54 -1.96 0.00	60.10 -2.25 0.00	46.53 -1.95 0.00	39.87 -2.03 0.00	36.53 -2.15 0.00	38.59 -2.17 0.00	40.71 -2.34 0.00	41.89 -2.58 0.00	40.68 -2.28 0.00	40.65 -2.09 0.00	40.38 -2.09 0.00	41.67 -1.97 0.00	43.29 -1.95 0.00	46.61 -2.21 0.00	71.96 -2.13 0.00	103.08 -1.70 0.00	48.80 -0.83 0.00	43.97 -1.21 0.00	40.58 -0.99 0.00
OSWEGO___5 23606	30.78 -0.76 0.00	29.22 -0.79 0.00	32.32 -0.89 0.00	33.99 -0.94 0.00	35.95 -0.99 0.00	44.31 -1.19 0.00	60.79 -1.56 0.00	47.26 -1.21 0.00	40.84 -1.05 0.00	37.61 -1.07 0.00	39.50 -1.26 0.00	41.66 -1.40 0.00	43.09 -1.38 0.00	41.64 -1.33 0.00	41.42 -1.32 0.00	41.15 -1.32 0.00	42.26 -1.38 0.00	43.83 -1.41 0.00	47.38 -1.44 0.00	72.15 -1.94 0.00	102.10 -2.68 0.00	48.31 -1.33 0.00	43.94 -1.24 0.00	40.41 -1.16 0.00

OSWEGO___6 23613	30.78 -0.76 0.00	29.22 -0.79 0.00	32.32 -0.89 0.00	33.99 -0.94 0.00	35.95 -0.99 0.00	44.31 -1.19 0.00	60.79 -1.56 0.00	47.26 -1.21 0.00	40.84 -1.05 0.00	37.61 -1.07 0.00	39.50 -1.26 0.00	41.66 -1.40 0.00	43.09 -1.38 0.00	41.64 -1.33 0.00	41.42 -1.32 0.00	41.15 -1.32 0.00	42.26 -1.38 0.00	43.83 -1.41 0.00	47.38 -1.44 0.00	72.15 -1.94 0.00	102.10 -2.68 0.00	48.31 -1.33 0.00	43.94 -1.24 0.00	40.41 -1.16 0.00
OUTOKUMPU-AB___DRP 24206	30.43 -1.11 0.00	28.53 -1.48 0.00	31.69 -1.52 0.00	33.28 -1.65 0.00	35.18 -1.76 0.00	43.44 -2.06 0.00	59.42 -2.93 0.00	36.55 -2.75 9.17	39.59 -2.31 0.00	36.12 -2.57 0.00	37.98 -2.78 0.00	40.06 -3.00 0.00	41.98 -2.49 0.00	40.84 -2.13 0.00	40.43 -2.31 0.00	39.53 -2.93 0.00	40.03 -3.61 0.00	40.66 -4.27 0.31	44.59 -4.23 0.00	68.58 -5.50 0.00	97.55 -7.23 0.00	45.84 -3.79 0.00	41.80 -3.38 0.00	39.10 -2.47 0.00
OXBOW___BTM 323836	30.24 -1.30 0.00	28.36 -1.65 0.00	31.50 -1.71 0.00	33.07 -1.87 0.00	34.95 -1.99 0.00	43.16 -2.34 0.00	58.96 -3.39 0.00	36.15 -3.24 9.08	39.22 -2.68 0.00	35.79 -2.89 0.00	37.63 -3.13 0.00	39.69 -3.37 0.00	41.60 -2.87 0.00	40.52 -2.45 0.00	40.15 -2.59 0.00	39.25 -3.22 0.00	39.76 -3.88 0.00	40.34 -4.59 0.31	44.13 -4.69 0.00	67.76 -6.33 0.00	96.37 -8.41 0.00	45.31 -4.32 0.00	41.33 -3.85 0.00	38.77 -2.80 0.00
OXBOW___ 24026	30.24 -1.30 0.00	28.36 -1.65 0.00	31.50 -1.71 0.00	33.07 -1.87 0.00	34.95 -1.99 0.00	43.14 -2.36 0.00	58.96 -3.39 0.00	36.22 -3.17 9.08	39.22 -2.67 0.00	35.80 -2.89 0.00	37.63 -3.12 0.00	39.69 -3.37 0.00	41.60 -2.87 0.00	40.51 -2.45 0.00	40.16 -2.58 0.00	39.25 -3.22 0.00	39.76 -3.88 0.00	40.34 -4.59 0.31	44.15 -4.67 0.00	67.80 -6.29 0.00	96.37 -8.41 0.00	45.32 -4.32 0.00	41.35 -3.83 0.00	38.77 -2.80 0.00
OXY_CHEM_DSASP 323612	29.90 -1.64 0.00	28.05 -1.96 0.00	31.16 -2.05 0.00	32.69 -2.24 0.00	34.55 -2.39 0.00	42.61 -2.89 0.00	58.19 -4.16 0.00	35.64 -3.84 9.00	38.63 -3.27 0.00	35.30 -3.39 0.00	37.10 -3.66 0.00	39.12 -3.95 0.00	41.01 -3.46 0.00	39.98 -2.98 0.00	39.68 -3.06 0.00	38.79 -3.68 0.00	39.29 -4.35 0.00	39.81 -5.13 0.30	43.46 -5.36 0.00	66.65 -7.44 0.00	94.66 -10.12 0.00	44.54 -5.09 0.00	40.70 -4.48 0.00	38.25 -3.32 0.00
OZONE_PARK_ESR 323760	33.62 2.08 0.00	31.99 1.98 0.00	35.15 1.94 0.00	36.87 1.94 0.00	38.87 1.94 0.00	47.86 2.36 0.00	65.83 3.48 0.00	51.56 3.09 0.00	44.92 3.03 0.00	41.68 2.99 0.00	43.85 3.10 0.00	46.43 3.37 0.00	47.88 3.42 0.00	46.07 3.10 0.00	45.81 3.07 0.00	45.64 3.17 0.00	46.91 3.27 0.00	48.51 3.27 0.00	52.00 3.18 0.00	78.80 4.71 0.00	111.19 6.41 0.00	52.57 2.93 0.00	47.94 2.76 0.00	43.87 2.30 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.90 -1.64 0.00	28.05 -1.96 0.00	31.16 -2.05 0.00	32.69 -2.24 0.00	34.55 -2.39 0.00	42.61 -2.89 0.00	58.19 -4.16 0.00	35.64 -3.84 9.00	38.63 -3.27 0.00	35.30 -3.39 0.00	37.10 -3.66 0.00	39.12 -3.95 0.00	41.01 -3.46 0.00	39.98 -2.98 0.00	39.68 -3.06 0.00	38.79 -3.68 0.00	39.29 -4.35 0.00	39.81 -5.13 0.30	43.46 -5.36 0.00	66.65 -7.44 0.00	94.66 -10.12 0.00	44.54 -5.09 0.00	40.70 -4.48 0.00	38.25 -3.32 0.00
PACKARD___115KV_DUPONT_184 80571	29.90 -1.64 0.00	28.06 -1.96 0.00	31.16 -2.05 0.00	32.69 -2.24 0.00	34.55 -2.39 0.00	42.63 -2.87 0.00	58.21 -4.14 0.00	35.58 -3.90 9.00	38.63 -3.27 0.00	35.30 -3.38 0.00	37.09 -3.67 0.00	39.11 -3.95 0.00	41.02 -3.45 0.00	39.98 -2.98 0.00	39.68 -3.06 0.00	38.79 -3.68 0.00	39.29 -4.35 0.00	39.81 -5.13 0.30	43.45 -5.37 0.00	66.61 -7.48 0.00	94.64 -10.14 0.00	44.53 -5.10 0.00	40.68 -4.50 0.00	38.25 -3.32 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.41 1.86 0.00	31.78 1.77 0.00	34.93 1.71 0.00	36.65 1.72 0.00	38.65 1.72 0.00	47.53 2.04 0.00	65.28 2.93 0.00	51.18 2.71 0.00	44.65 2.75 0.00	41.35 2.66 0.00	43.50 2.74 0.00	46.05 2.99 0.00	47.50 3.03 0.00	45.71 2.75 0.00	45.48 2.74 0.00	45.32 2.85 0.00	46.56 2.92 0.00	48.11 2.86 0.00	51.50 2.68 0.00	78.04 3.95 0.00	110.14 5.35 0.00	52.09 2.45 0.00	47.61 2.43 0.00	43.56 1.99 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.12 2.58 0.00	32.50 2.49 0.00	35.74 2.53 0.00	37.53 2.60 0.00	39.61 2.67 0.00	48.76 3.26 0.00	67.03 4.68 0.00	52.47 4.00 0.00	45.79 3.89 0.00	42.35 3.67 0.00	44.53 3.77 0.00	47.14 4.08 0.00	48.60 4.13 0.00	46.76 3.80 0.00	46.51 3.77 0.00	46.34 3.88 0.00	47.59 3.94 0.00	49.18 3.94 0.00	52.62 3.80 0.00	79.80 5.71 0.00	112.64 7.86 0.00	53.25 3.61 0.00	48.62 3.44 0.00	44.54 2.97 0.00
PATROON___115KV_TB1 80586	32.29 0.75 0.00	30.90 0.89 0.00	34.18 0.97 0.00	35.94 1.01 0.00	37.97 1.03 0.00	46.58 1.08 0.00	63.70 1.35 0.00	49.87 1.40 0.00	43.10 1.20 0.00	39.88 1.20 0.00	41.88 1.12 0.00	44.26 1.21 0.00	45.70 1.23 0.00	44.05 1.09 0.00	43.85 1.11 0.00	43.65 1.18 0.00	44.79 1.15 0.00	46.46 1.22 0.00	50.10 1.28 0.00	75.90 1.81 0.00	107.02 2.25 0.00	50.76 1.12 0.00	46.14 0.96 0.00	42.41 0.84 0.00
PATRSNVILLE___SOLAR 323815	32.65 1.11 0.00	31.08 1.07 0.00	34.38 1.17 0.00	36.14 1.21 0.00	38.22 1.28 0.00	47.05 1.55 0.00	64.59 2.24 0.00	50.28 1.80 0.00	43.30 1.40 0.00	39.78 1.10 0.00	41.83 1.07 0.00	44.00 0.94 0.00	45.42 0.94 0.00	43.74 0.78 0.00	43.46 0.72 0.00	43.15 0.68 0.00	44.42 0.78 0.00	46.10 0.86 0.00	50.25 1.43 0.00	76.65 2.56 0.00	108.47 3.68 0.00	51.40 1.76 0.00	46.78 1.60 0.00	42.92 1.35 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	30.37 -1.17 0.00	28.46 -1.55 0.00	31.63 -1.57 0.00	33.22 -1.70 0.00	35.13 -1.81 0.00	43.40 -2.10 0.00	59.59 -2.76 0.00	35.58 -2.51 10.39	39.85 -2.05 0.00	36.37 -2.31 0.00	38.17 -2.58 0.00	40.28 -2.78 0.00	42.20 -2.27 0.00	40.97 -2.00 0.00	40.51 -2.23 0.00	39.65 -2.82 0.00	40.24 -3.40 0.00	40.92 -3.97 0.35	44.90 -3.92 0.00	69.33 -4.76 0.00	98.86 -5.92 0.00	46.34 -3.30 0.00	42.15 -3.03 0.00	39.16 -2.41 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.37 1.83 0.00	31.78 1.77 0.00	35.00 1.79 0.00	36.74 1.81 0.00	38.75 1.82 0.00	47.70 2.20 0.00	65.57 3.22 0.00	51.31 2.84 0.00	44.57 2.67 0.00	41.32 2.64 0.00	43.48 2.72 0.00	46.03 2.97 0.00	47.52 3.05 0.00	45.72 2.76 0.00	45.46 2.72 0.00	45.29 2.83 0.00	46.59 2.94 0.00	48.20 2.96 0.00	51.78 2.96 0.00	78.54 4.46 0.00	110.84 6.05 0.00	52.39 2.75 0.00	47.70 2.52 0.00	43.67 2.09 0.00
PEEKSKILL___ 23653	33.11 1.57 0.00	31.53 1.52 0.00	34.70 1.48 0.00	36.42 1.48 0.00	38.39 1.46 0.00	47.25 1.75 0.00	64.94 2.59 0.00	50.79 2.32 0.00	44.11 2.21 0.00	40.89 2.21 0.00	43.02 2.26 0.00	45.59 2.53 0.00	47.05 2.58 0.00	45.28 2.31 0.00	45.04 2.30 0.00	44.86 2.40 0.00	46.14 2.50 0.00	47.72 2.48 0.00	51.23 2.41 0.00	77.70 3.61 0.00	109.62 4.84 0.00	51.86 2.22 0.00	47.26 2.08 0.00	43.27 1.70 0.00

PGE MADISON___WINDPWR 24146	32.40 0.86 0.00	30.52 0.51 0.00	33.90 0.69 0.00	35.65 0.72 0.00	37.93 0.99 0.00	47.03 1.53 0.00	65.32 2.97 0.00	52.82 2.39 -1.96	44.05 2.15 0.00	40.26 1.58 0.00	41.59 0.84 0.00	43.52 0.47 0.00	45.49 1.02 0.00	43.99 1.02 0.00	43.54 0.79 0.00	43.27 0.80 0.00	44.91 1.27 0.00	47.40 2.11 -0.06	52.28 3.46 0.00	80.33 6.24 0.00	112.84 8.06 0.00	53.10 3.47 0.00	48.50 3.32 0.00	44.47 2.90 0.00
PIERCEFIELD___HYD 23852	30.10 -1.44 0.00	28.66 -1.36 0.00	31.81 -1.40 0.00	33.61 -1.33 0.00	35.62 -1.32 0.00	43.99 -1.51 0.00	60.33 -2.02 0.00	46.76 -1.71 0.00	40.12 -1.77 0.00	36.99 -1.69 0.00	39.23 -1.53 0.00	41.45 -1.61 0.00	42.71 -1.76 0.00	41.37 -1.59 0.00	41.23 -1.51 0.00	40.96 -1.51 0.00	42.16 -1.48 0.00	43.78 -1.46 0.00	47.22 -1.60 0.00	72.06 -2.03 0.00	102.65 -2.13 0.00	48.65 -0.99 0.00	43.99 -1.19 0.00	40.60 -0.97 0.00
PINELAWN_CC_1 323563	36.26 2.26 -2.46	32.70 2.18 -0.51	35.25 2.04 0.00	36.92 1.99 0.00	38.89 1.95 0.00	47.41 1.91 0.00	65.35 2.54 -0.47	51.23 2.64 -0.11	44.61 2.71 -0.01	41.45 2.64 -0.12	51.39 3.01 -7.62	46.73 3.41 -0.26	47.61 3.13 -0.02	46.09 3.12 0.00	45.91 3.17 0.00	45.71 3.24 0.00	46.89 3.23 -0.02	48.80 2.88 -0.68	52.46 2.84 -0.80	79.87 4.22 -1.56	111.74 4.85 -2.11	52.33 2.36 -0.33	47.42 2.20 -0.04	43.80 2.21 -0.02
PJM_GEN_HTP_PROXY 323702	33.33 1.79 0.00	31.73 1.71 0.00	34.87 1.66 0.00	36.59 1.65 0.00	38.57 1.64 0.00	47.47 1.97 0.00	65.26 2.91 0.00	47.04 2.60 4.04	44.48 2.59 0.00	41.28 2.59 0.00	43.45 2.69 0.00	46.15 2.93 -0.15	47.45 2.98 0.00	45.66 2.70 0.00	45.42 2.68 0.00	45.24 2.77 0.00	46.52 2.88 0.00	48.09 2.85 0.00	51.53 2.71 0.00	78.08 3.99 0.00	110.13 5.35 0.00	52.07 2.43 0.00	47.50 2.32 0.00	43.49 1.93 0.00
PJM_GEN_KEystone 24065	31.61 0.07 0.00	29.94 -0.08 0.00	33.08 -0.13 0.00	34.72 -0.21 0.00	36.64 -0.29 0.00	41.37 -0.33 3.80	62.14 -0.20 0.00	38.93 -0.23 9.31	41.86 -0.03 0.00	38.56 -0.12 0.00	40.51 -0.25 0.00	43.02 -0.19 -0.15	44.58 0.11 0.00	43.09 0.13 0.00	42.79 0.04 0.00	42.36 -0.11 0.00	43.37 -0.27 0.00	44.59 -0.55 0.10	48.14 -0.68 0.00	73.70 -0.39 0.00	104.56 -0.22 0.00	49.16 -0.47 0.00	45.34 -0.44 -0.60	41.14 -0.44 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.60 1.98 -2.08	32.35 1.91 -0.43	34.98 1.77 0.00	36.65 1.72 0.00	38.61 1.67 0.00	47.10 1.60 0.00	64.42 2.07 0.00	46.61 2.18 4.04	44.18 2.29 0.00	40.98 2.30 0.00	49.82 2.62 -6.44	46.39 2.99 -0.33	47.22 2.75 0.00	45.67 2.70 0.00	45.49 2.75 0.00	45.31 2.84 0.00	46.46 2.82 0.00	47.78 2.54 0.00	51.27 2.45 0.00	77.66 3.57 0.00	108.81 4.03 0.00	51.61 1.98 0.00	47.06 1.88 0.00	43.44 1.87 0.00
PJM_GEN_VFT_PROXY 323633	33.26 1.72 0.00	31.66 1.64 0.00	34.80 1.59 0.00	36.50 1.57 0.00	38.47 1.54 0.00	47.35 1.85 0.00	65.10 2.75 0.00	46.93 2.49 4.04	44.38 2.48 0.00	41.17 2.48 0.00	43.31 2.55 0.00	45.99 2.78 -0.15	47.29 2.82 0.00	45.50 2.53 0.00	45.27 2.53 0.00	45.10 2.63 0.00	46.37 2.73 0.00	47.92 2.68 0.00	51.36 2.54 0.00	77.79 3.70 0.00	109.75 4.97 0.00	51.88 2.25 0.00	47.36 2.18 0.00	43.36 1.79 0.00
PLATSBURG_115KV_PMLD1 355749	31.25 -0.29 0.00	29.93 -0.08 0.00	33.26 0.05 0.00	35.03 0.10 0.00	37.03 0.10 0.00	45.74 0.24 0.00	62.53 0.18 0.00	48.40 -0.08 0.00	41.77 -0.13 0.00	38.83 0.14 0.00	41.07 0.32 0.00	43.42 0.37 0.00	44.82 0.35 0.00	43.35 0.38 0.00	43.20 0.46 0.00	43.02 0.55 0.00	44.18 0.55 0.00	45.75 0.51 0.00	49.41 0.59 0.00	74.57 0.48 0.00	105.47 0.69 0.00	50.30 0.66 0.00	45.89 0.72 0.00	42.28 0.71 0.00
PLEASANTVLY___LBMP 24000	32.92 1.38 0.00	31.37 1.36 0.00	34.58 1.37 0.00	36.29 1.36 0.00	38.28 1.35 0.00	47.09 1.59 0.00	64.61 2.26 0.00	50.53 2.06 0.00	43.87 1.98 0.00	40.67 1.98 0.00	42.79 2.03 0.00	45.31 2.25 0.00	46.76 2.29 0.00	45.02 2.06 0.00	44.80 2.06 0.00	44.61 2.14 0.00	45.87 2.24 0.00	47.46 2.22 0.00	50.98 2.16 0.00	77.27 3.18 0.00	109.02 4.24 0.00	51.61 1.97 0.00	47.04 1.86 0.00	43.09 1.52 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.26 1.72 0.00	31.68 1.66 0.00	34.85 1.64 0.00	36.56 1.63 0.00	38.55 1.61 0.00	47.43 1.93 0.00	65.16 2.81 0.00	50.99 2.51 0.00	44.35 2.45 0.00	41.13 2.44 0.00	43.29 2.53 0.00	45.84 2.78 0.00	47.30 2.83 0.00	45.52 2.56 0.00	45.29 2.55 0.00	45.10 2.63 0.00	46.39 2.75 0.00	47.96 2.72 0.00	51.45 2.63 0.00	78.00 3.91 0.00	110.01 5.23 0.00	52.03 2.40 0.00	47.43 2.25 0.00	43.44 1.87 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.26 1.72 0.00	31.68 1.66 0.00	34.85 1.64 0.00	36.56 1.63 0.00	38.55 1.61 0.00	47.43 1.93 0.00	65.16 2.81 0.00	50.99 2.51 0.00	44.35 2.45 0.00	41.13 2.44 0.00	43.29 2.53 0.00	45.84 2.78 0.00	47.30 2.83 0.00	45.52 2.56 0.00	45.29 2.55 0.00	45.10 2.63 0.00	46.39 2.75 0.00	47.96 2.72 0.00	51.45 2.63 0.00	78.00 3.91 0.00	110.01 5.23 0.00	52.03 2.40 0.00	47.43 2.25 0.00	43.44 1.87 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.21 1.68 0.00	31.65 1.64 0.00	34.89 1.67 0.00	36.63 1.70 0.00	38.65 1.72 0.00	47.56 2.06 0.00	65.31 2.96 0.00	51.09 2.61 0.00	44.33 2.43 0.00	41.08 2.39 0.00	43.21 2.46 0.00	45.75 2.70 0.00	47.24 2.77 0.00	45.46 2.49 0.00	45.21 2.46 0.00	45.02 2.55 0.00	46.31 2.67 0.00	47.92 2.68 0.00	51.53 2.71 0.00	78.18 4.09 0.00	110.33 5.54 0.00	52.20 2.56 0.00	47.51 2.33 0.00	43.51 1.94 0.00
POLETTI___ 23519	33.32 1.78 0.00	31.71 1.70 0.00	34.85 1.64 0.00	36.55 1.62 0.00	38.54 1.60 0.00	47.42 1.92 0.00	65.16 2.81 0.00	51.01 2.53 0.00	44.45 2.56 0.00	41.25 2.56 0.00	43.41 2.65 0.00	45.95 2.90 0.00	47.41 2.94 0.00	45.61 2.65 0.00	45.38 2.64 0.00	45.20 2.74 0.00	46.47 2.84 0.00	48.04 2.80 0.00	51.47 2.65 0.00	77.98 3.89 0.00	110.00 5.22 0.00	52.00 2.37 0.00	47.45 2.27 0.00	43.45 1.88 0.00
POMONA___ESR 323819	33.14 1.60 0.00	31.54 1.53 0.00	34.73 1.51 0.00	36.45 1.52 0.00	38.42 1.49 0.00	47.31 1.80 0.00	65.08 2.73 0.00	50.89 2.41 0.00	44.15 2.25 0.00	40.92 2.23 0.00	43.05 2.29 0.00	45.63 2.57 0.00	47.10 2.62 0.00	45.32 2.36 0.00	45.09 2.35 0.00	44.91 2.44 0.00	46.21 2.57 0.00	47.79 2.55 0.00	51.31 2.50 0.00	77.90 3.82 0.00	109.92 5.14 0.00	51.99 2.35 0.00	47.36 2.18 0.00	43.35 1.78 0.00
PORT_JEFF_3 23555	35.93 2.18 -2.21	32.59 2.12 -0.46	35.15 1.94 0.00	36.80 1.86 0.00	38.74 1.81 0.00	47.19 1.69 0.00	67.20 2.30 -2.55	51.49 2.43 -0.59	44.53 2.58 -0.06	41.88 2.53 -0.66	50.43 2.81 -6.86	46.69 3.37 -0.27	47.61 3.05 -0.09	46.07 3.11 0.00	45.93 3.19 0.00	45.70 3.23 0.00	46.87 3.13 -0.10	51.70 2.74 -3.72	55.78 2.59 -4.37	86.40 3.83 -8.49	120.31 4.03 -11.49	53.48 2.03 -1.82	47.28 1.90 -0.20	43.74 2.08 -0.09

PORT_JEFF_4 23616	35.93 2.18 -2.21	32.59 2.12 -0.46	35.15 1.94 0.00	36.80 1.86 0.00	38.74 1.81 0.00	47.19 1.69 0.00	67.20 2.30 -2.55	51.49 2.43 -0.59	44.53 2.58 -0.06	41.88 2.53 -0.66	50.43 2.81 -6.86	46.69 3.37 -0.27	47.61 3.05 -0.09	46.07 3.11 0.00	45.93 3.19 0.00	45.70 3.23 0.00	46.87 3.13 -0.10	51.70 2.74 -3.72	55.78 2.59 -4.37	86.40 3.83 -8.49	120.31 4.03 -11.49	53.48 2.03 -1.82	47.28 1.90 -0.20	43.74 2.08 -0.09
PORT_JEFF_IC 23713	35.98 2.22 -2.22	32.63 2.16 -0.46	35.19 1.98 0.00	36.84 1.90 0.00	38.79 1.86 0.00	47.25 1.75 0.00	66.83 2.38 -2.10	51.45 2.49 -0.48	44.59 2.64 -0.05	41.81 2.58 -0.55	50.50 2.85 -6.89	46.74 3.41 -0.26	47.65 3.10 -0.08	46.12 3.16 0.00	45.98 3.24 0.00	45.75 3.28 0.00	46.91 3.18 -0.08	51.14 2.84 -3.06	55.12 2.70 -3.59	85.07 4.00 -6.98	118.53 4.29 -9.45	53.29 2.15 -1.50	47.32 1.98 -0.17	43.79 2.15 -0.07
PPL_PILGRIM_ST_GT1 24216	36.17 2.37 -2.26	32.76 2.28 -0.46	35.36 2.15 0.00	37.02 2.09 0.00	38.99 2.06 0.00	47.47 1.97 0.00	67.35 2.64 -2.36	51.73 2.70 -0.55	44.74 2.79 -0.05	42.03 2.73 -0.62	50.84 3.08 -7.00	46.87 3.54 -0.27	47.66 3.11 -0.09	46.21 3.24 0.00	46.08 3.33 0.00	45.85 3.38 0.00	47.06 3.33 -0.10	51.72 3.04 -3.45	55.85 2.98 -4.05	86.36 4.41 -7.87	120.19 4.76 -10.65	53.74 2.42 -1.68	47.65 2.28 -0.19	43.98 2.32 -0.08
PPL_PILGRIM_ST_GT2 24217	36.17 2.37 -2.26	32.76 2.28 -0.46	35.36 2.15 0.00	37.02 2.09 0.00	38.99 2.06 0.00	47.47 1.97 0.00	67.35 2.64 -2.36	51.73 2.70 -0.55	44.74 2.79 -0.05	42.03 2.73 -0.62	50.84 3.08 -7.00	46.87 3.54 -0.27	47.66 3.11 -0.09	46.21 3.24 0.00	46.08 3.33 0.00	45.85 3.38 0.00	47.06 3.33 -0.10	51.72 3.04 -3.45	55.85 2.98 -4.05	86.36 4.41 -7.87	120.19 4.76 -10.65	53.74 2.42 -1.68	47.65 2.28 -0.19	43.98 2.32 -0.08
PPL_SHRM_GT3 24213	36.22 2.46 -2.22	32.88 2.41 -0.46	35.44 2.23 0.00	37.08 2.15 0.00	39.04 2.11 0.00	47.67 2.17 0.00	67.83 3.04 -2.44	52.08 3.04 -0.57	45.01 3.06 -0.06	42.25 2.92 -0.64	50.71 3.08 -6.88	47.14 3.81 -0.27	48.03 3.48 -0.09	46.48 3.52 0.00	46.33 3.59 0.00	46.11 3.64 0.00	47.31 3.57 -0.10	52.11 3.31 -3.56	56.33 3.33 -4.18	87.21 5.01 -8.12	121.13 5.36 -10.99	54.17 2.79 -1.74	47.71 2.34 -0.20	44.18 2.53 -0.09
PPL_SHRM_GT4 24214	36.22 2.46 -2.22	32.88 2.41 -0.46	35.44 2.23 0.00	37.08 2.15 0.00	39.04 2.11 0.00	47.67 2.17 0.00	67.83 3.04 -2.44	52.08 3.06 -0.57	45.01 3.06 -0.06	42.25 2.92 -0.64	50.71 3.08 -6.88	47.14 3.81 -0.27	48.03 3.48 -0.09	46.48 3.52 0.00	46.33 3.59 0.00	46.11 3.64 0.00	47.31 3.57 -0.10	52.11 3.31 -3.56	56.33 3.33 -4.18	87.21 5.01 -8.12	121.13 5.36 -10.99	54.17 2.79 -1.74	47.71 2.34 -0.20	44.18 2.53 -0.09
PROJECT___ORANGE 1 24174	31.19 -0.35 0.00	29.59 -0.42 0.00	32.71 -0.50 0.00	34.40 -0.53 0.00	36.41 -0.52 0.00	44.88 -0.62 0.00	61.63 -0.72 0.00	47.92 -0.56 0.00	41.43 -0.46 0.00	38.10 -0.59 0.00	39.95 -0.81 0.00	42.13 -0.93 0.00	43.59 -0.88 0.00	42.14 -0.82 0.00	41.91 -0.83 0.00	41.68 -0.79 0.00	42.80 -0.84 0.00	44.41 -0.83 0.00	48.01 -0.81 0.00	73.15 -0.94 0.00	103.54 -1.24 0.00	48.93 -0.70 0.00	44.49 -0.69 0.00	40.89 -0.68 0.00
PROJECT___ORANGE 2 24166	31.19 -0.35 0.00	29.59 -0.42 0.00	32.71 -0.50 0.00	34.40 -0.53 0.00	36.41 -0.52 0.00	44.88 -0.62 0.00	61.63 -0.72 0.00	47.92 -0.56 0.00	41.43 -0.46 0.00	38.10 -0.59 0.00	39.95 -0.81 0.00	42.13 -0.93 0.00	43.59 -0.88 0.00	42.14 -0.82 0.00	41.91 -0.83 0.00	41.68 -0.79 0.00	42.80 -0.84 0.00	44.41 -0.83 0.00	48.01 -0.81 0.00	73.15 -0.94 0.00	103.54 -1.24 0.00	48.93 -0.70 0.00	44.49 -0.69 0.00	40.89 -0.68 0.00
PUCKETT___SOLAR 323809	31.90 0.36 0.00	30.23 0.21 0.00	33.50 0.29 0.00	35.25 0.32 0.00	37.29 0.36 0.00	46.02 0.52 0.00	63.38 1.04 0.00	56.76 0.76 -7.53	42.63 0.73 0.00	39.18 0.49 0.00	40.85 0.09 0.00	42.83 -0.23 0.00	44.30 -0.17 0.00	42.78 -0.18 0.00	42.51 -0.23 0.00	42.28 -0.18 0.00	43.68 0.04 0.00	45.52 0.28 0.00	49.47 0.65 0.00	75.63 1.54 0.00	107.15 2.36 0.00	50.61 0.97 0.00	46.05 0.87 0.00	42.27 0.69 0.00
PYRITES___HYD 24023	31.01 -0.53 0.00	29.51 -0.51 0.00	32.73 -0.48 0.00	34.57 -0.36 0.00	36.67 -0.26 0.00	45.30 -0.20 0.00	62.18 -0.16 0.00	48.04 -0.44 0.00	40.95 -0.95 0.00	37.58 -1.10 0.00	39.87 -0.89 0.00	42.13 -0.93 0.00	43.41 -1.06 0.00	42.06 -0.90 0.00	41.94 -0.80 0.00	41.64 -0.83 0.00	42.83 -0.81 0.00	44.62 -0.62 0.00	48.16 -0.66 0.00	73.80 -0.28 0.00	105.47 0.69 0.00	50.01 0.37 0.00	45.15 -0.03 0.00	41.65 0.08 0.00
QUAKERRD_115KV_BK1 80622	31.43 -0.11 0.00	29.70 -0.32 0.00	32.86 -0.35 0.00	34.54 -0.39 0.00	36.55 -0.39 0.00	45.12 -0.38 0.00	62.00 -0.35 0.00	43.42 -0.45 4.61	41.44 -0.45 0.00	37.98 -0.70 0.00	39.80 -0.96 0.00	41.98 -1.08 0.00	43.61 -0.86 0.00	42.26 -0.70 0.00	41.96 -0.78 0.00	41.45 -1.02 0.00	42.42 -1.22 0.00	43.90 -1.34 0.00	47.71 -1.11 0.00	73.07 -1.02 0.00	103.59 -1.19 0.00	48.80 -0.83 0.00	44.31 -0.87 0.00	40.89 -0.69 0.00
QUENSBRY_115KV_TB8 356137	32.62 1.08 0.00	31.28 1.26 0.00	34.68 1.47 0.00	36.47 1.54 0.00	38.55 1.61 0.00	47.50 2.00 0.00	65.03 2.68 0.00	50.69 2.21 0.00	43.72 1.82 0.00	40.36 1.68 0.00	42.36 1.60 0.00	44.69 1.63 0.00	46.07 1.60 0.00	44.11 1.14 0.00	43.91 1.17 0.00	43.23 0.76 0.00	44.72 1.08 0.00	46.50 1.25 0.00	50.39 1.56 0.00	76.63 2.54 0.00	108.17 3.39 0.00	51.33 1.70 0.00	46.84 1.66 0.00	42.82 1.25 0.00
RAMAPO___LBMP 323565	33.02 1.48 0.00	31.43 1.41 0.00	34.60 1.39 0.00	36.32 1.39 0.00	38.30 1.36 0.00	47.15 1.65 0.00	64.83 2.48 0.00	50.66 2.19 0.00	43.94 2.05 0.00	40.71 2.03 0.00	42.83 2.07 0.00	45.39 2.34 0.00	46.87 2.40 0.00	45.11 2.14 0.00	44.87 2.13 0.00	44.70 2.23 0.00	45.99 2.36 0.00	47.57 2.33 0.00	51.06 2.24 0.00	77.53 3.44 0.00	109.42 4.64 0.00	51.75 2.12 0.00	47.16 1.98 0.00	43.16 1.59 0.00
RANKINE___ 23646	30.37 -1.17 0.00	28.43 -1.58 0.00	31.61 -1.60 0.00	33.22 -1.71 0.00	35.13 -1.80 0.00	43.42 -2.08 0.00	59.58 -2.77 0.00	35.79 -2.56 10.12	39.84 -2.07 0.00	36.31 -2.38 0.00	38.17 -2.59 0.00	40.28 -2.78 0.00	42.18 -2.28 0.00	40.94 -2.03 0.00	40.46 -2.28 0.00	39.55 -2.92 0.00	40.11 -3.53 0.00	40.73 -4.13 0.38	44.80 -4.02 0.00	69.24 -4.85 0.00	98.76 -6.02 0.00	46.31 -3.32 0.00	42.16 -3.02 0.00	39.25 -2.32 0.00
RAVENSWOOD_GT2_1 24244	33.32 1.78 0.00	31.72 1.70 0.00	34.86 1.65 0.00	36.56 1.63 0.00	38.55 1.61 0.00	47.43 1.94 0.00	65.19 2.84 0.00	51.03 2.56 0.00	44.47 2.57 0.00	41.26 2.58 0.00	43.42 2.66 0.00	45.96 2.90 0.00	47.41 2.94 0.00	45.63 2.66 0.00	45.39 2.65 0.00	45.22 2.75 0.00	46.48 2.85 0.00	48.06 2.81 0.00	51.49 2.67 0.00	78.00 3.91 0.00	110.02 5.24 0.00	52.02 2.38 0.00	47.46 2.28 0.00	43.46 1.89 0.00

RAVENSWOOD_GT2_2 24245	33.32 1.78 0.00	31.72 1.70 0.00	34.86 1.65 0.00	36.56 1.63 0.00	38.55 1.61 0.00	47.43 1.94 0.00	65.19 2.84 0.00	51.03 2.56 0.00	44.47 2.57 0.00	41.26 2.58 0.00	43.42 2.66 0.00	45.96 2.90 0.00	47.41 2.94 0.00	45.63 2.66 0.00	45.39 2.65 0.00	45.22 2.75 0.00	46.48 2.85 0.00	48.06 2.81 0.00	51.49 2.67 0.00	78.00 3.91 0.00	110.02 5.24 0.00	52.02 2.38 0.00	47.46 2.28 0.00	43.46 1.89 0.00
RAVENSWOOD_GT2_3 24246	33.34 1.80 0.00	31.74 1.72 0.00	34.87 1.66 0.00	36.58 1.65 0.00	38.57 1.63 0.00	47.45 1.95 0.00	65.20 2.86 0.00	51.05 2.58 0.00	44.49 2.59 0.00	41.28 2.59 0.00	43.45 2.69 0.00	45.99 2.93 0.00	47.44 2.97 0.00	45.65 2.69 0.00	45.42 2.68 0.00	45.24 2.77 0.00	46.51 2.88 0.00	48.08 2.84 0.00	51.52 2.70 0.00	78.03 3.95 0.00	110.08 5.30 0.00	52.05 2.41 0.00	47.49 2.31 0.00	43.49 1.92 0.00
RAVENSWOOD_GT2_4 24247	33.34 1.80 0.00	31.74 1.72 0.00	34.87 1.66 0.00	36.58 1.65 0.00	38.57 1.63 0.00	47.45 1.95 0.00	65.20 2.86 0.00	51.05 2.58 0.00	44.49 2.59 0.00	41.28 2.59 0.00	43.45 2.69 0.00	45.99 2.93 0.00	47.44 2.97 0.00	45.65 2.69 0.00	45.42 2.68 0.00	45.24 2.77 0.00	46.51 2.88 0.00	48.08 2.84 0.00	51.52 2.70 0.00	78.03 3.95 0.00	110.08 5.30 0.00	52.05 2.41 0.00	47.49 2.31 0.00	43.49 1.92 0.00
RAVENSWOOD_GT3_1 24248	33.35 1.81 0.00	31.74 1.73 0.00	34.88 1.67 0.00	36.59 1.66 0.00	38.58 1.65 0.00	47.47 1.97 0.00	65.22 2.87 0.00	51.07 2.60 0.00	44.50 2.60 0.00	41.29 2.60 0.00	43.45 2.69 0.00	46.00 2.94 0.00	47.45 2.98 0.00	45.66 2.69 0.00	45.42 2.68 0.00	45.24 2.77 0.00	46.52 2.88 0.00	48.08 2.84 0.00	51.52 2.70 0.00	78.05 3.97 0.00	110.10 5.32 0.00	52.05 2.42 0.00	47.50 2.32 0.00	43.49 1.93 0.00
RAVENSWOOD_GT3_2 24249	33.35 1.81 0.00	31.74 1.73 0.00	34.88 1.67 0.00	36.59 1.66 0.00	38.58 1.65 0.00	47.47 1.97 0.00	65.22 2.87 0.00	51.07 2.60 0.00	44.50 2.60 0.00	41.29 2.60 0.00	43.45 2.69 0.00	46.00 2.94 0.00	47.45 2.98 0.00	45.66 2.69 0.00	45.42 2.68 0.00	45.24 2.77 0.00	46.52 2.88 0.00	48.08 2.84 0.00	51.52 2.70 0.00	78.05 3.97 0.00	110.10 5.32 0.00	52.05 2.42 0.00	47.50 2.32 0.00	43.49 1.93 0.00
RAVENSWOOD_GT3_3 24250	33.38 1.84 0.00	31.77 1.76 0.00	34.93 1.72 0.00	36.63 1.70 0.00	38.62 1.68 0.00	47.52 2.02 0.00	65.32 2.97 0.00	51.15 2.67 0.00	44.56 2.66 0.00	41.34 2.66 0.00	43.51 2.75 0.00	46.07 3.01 0.00	47.52 3.05 0.00	45.72 2.76 0.00	45.49 2.75 0.00	45.31 2.84 0.00	46.59 2.95 0.00	48.15 2.91 0.00	51.60 2.78 0.00	78.16 4.08 0.00	110.25 5.47 0.00	52.14 2.50 0.00	47.57 2.39 0.00	43.55 1.98 0.00
RAVENSWOOD_GT3_4 24251	33.38 1.84 0.00	31.77 1.76 0.00	34.93 1.72 0.00	36.63 1.70 0.00	38.62 1.68 0.00	47.52 2.02 0.00	65.32 2.97 0.00	51.15 2.67 0.00	44.56 2.66 0.00	41.34 2.66 0.00	43.51 2.75 0.00	46.07 3.01 0.00	47.52 3.05 0.00	45.72 2.76 0.00	45.49 2.75 0.00	45.31 2.84 0.00	46.59 2.95 0.00	48.15 2.91 0.00	51.60 2.78 0.00	78.16 4.08 0.00	110.25 5.47 0.00	52.14 2.50 0.00	47.57 2.39 0.00	43.55 1.98 0.00
RAVENSWOOD_GT_1 23729	33.45 1.91 0.00	31.82 1.81 0.00	34.95 1.74 0.00	36.65 1.72 0.00	38.65 1.71 0.00	47.52 2.02 0.00	65.23 2.88 0.00	51.15 2.67 0.00	44.67 2.77 0.00	41.44 2.76 0.00	43.59 2.83 0.00	46.12 3.06 0.00	47.54 3.07 0.00	45.77 2.80 0.00	45.52 2.78 0.00	45.35 2.89 0.00	46.61 2.97 0.00	48.16 2.93 0.00	51.55 2.73 0.00	78.05 3.96 0.00	110.10 5.32 0.00	52.07 2.43 0.00	47.56 2.38 0.00	43.57 2.00 0.00
RAVENSWOOD_GT_10 24258	33.32 1.78 0.00	31.72 1.70 0.00	34.86 1.65 0.00	36.56 1.63 0.00	38.54 1.61 0.00	47.43 1.94 0.00	65.19 2.84 0.00	51.03 2.56 0.00	44.47 2.57 0.00	41.25 2.57 0.00	43.41 2.65 0.00	45.96 2.90 0.00	47.41 2.94 0.00	45.62 2.66 0.00	45.39 2.65 0.00	45.21 2.75 0.00	46.48 2.84 0.00	48.05 2.81 0.00	51.48 2.66 0.00	78.00 3.91 0.00	110.02 5.24 0.00	52.02 2.38 0.00	47.46 2.28 0.00	43.46 1.89 0.00
RAVENSWOOD_GT_11 24259	33.32 1.78 0.00	31.72 1.70 0.00	34.86 1.65 0.00	36.56 1.63 0.00	38.54 1.61 0.00	47.43 1.94 0.00	65.19 2.84 0.00	51.03 2.56 0.00	44.47 2.57 0.00	41.25 2.57 0.00	43.41 2.65 0.00	45.96 2.90 0.00	47.41 2.94 0.00	45.62 2.66 0.00	45.39 2.65 0.00	45.21 2.75 0.00	46.48 2.84 0.00	48.05 2.81 0.00	51.48 2.66 0.00	78.00 3.91 0.00	110.02 5.24 0.00	52.02 2.38 0.00	47.46 2.28 0.00	43.46 1.89 0.00
RAVENSWOOD_GT_4 24252	33.38 1.84 0.00	31.76 1.75 0.00	34.90 1.68 0.00	36.60 1.67 0.00	38.59 1.66 0.00	47.48 1.98 0.00	65.22 2.87 0.00	51.10 2.62 0.00	44.55 2.65 0.00	41.33 2.64 0.00	43.49 2.73 0.00	46.03 2.97 0.00	47.48 3.01 0.00	45.68 2.71 0.00	45.45 2.71 0.00	45.28 2.81 0.00	46.54 2.90 0.00	48.11 2.87 0.00	51.53 2.71 0.00	78.05 3.96 0.00	110.10 5.32 0.00	52.05 2.42 0.00	47.52 2.34 0.00	43.52 1.95 0.00
RAVENSWOOD_GT_5 24254	33.38 1.84 0.00	31.76 1.75 0.00	34.90 1.68 0.00	36.60 1.67 0.00	38.59 1.66 0.00	47.48 1.98 0.00	65.22 2.87 0.00	51.10 2.62 0.00	44.55 2.65 0.00	41.33 2.64 0.00	43.49 2.73 0.00	46.03 2.97 0.00	47.48 3.01 0.00	45.68 2.71 0.00	45.45 2.71 0.00	45.28 2.81 0.00	46.54 2.90 0.00	48.11 2.87 0.00	51.53 2.71 0.00	78.05 3.96 0.00	110.10 5.32 0.00	52.05 2.42 0.00	47.52 2.34 0.00	43.52 1.95 0.00
RAVENSWOOD_GT_6 24253	33.38 1.84 0.00	31.76 1.75 0.00	34.90 1.68 0.00	36.60 1.67 0.00	38.59 1.66 0.00	47.48 1.98 0.00	65.22 2.87 0.00	51.10 2.62 0.00	44.55 2.65 0.00	41.33 2.64 0.00	43.49 2.73 0.00	46.03 2.97 0.00	47.48 3.01 0.00	45.68 2.71 0.00	45.45 2.71 0.00	45.28 2.81 0.00	46.54 2.90 0.00	48.11 2.87 0.00	51.53 2.71 0.00	78.05 3.96 0.00	110.10 5.32 0.00	52.05 2.42 0.00	47.52 2.34 0.00	43.52 1.95 0.00
RAVENSWOOD_GT_7 24255	33.38 1.84 0.00	31.76 1.75 0.00	34.90 1.68 0.00	36.60 1.67 0.00	38.59 1.66 0.00	47.48 1.98 0.00	65.22 2.87 0.00	51.10 2.62 0.00	44.55 2.65 0.00	41.33 2.64 0.00	43.49 2.73 0.00	46.03 2.97 0.00	47.48 3.01 0.00	45.68 2.71 0.00	45.45 2.71 0.00	45.28 2.81 0.00	46.54 2.90 0.00	48.11 2.87 0.00	51.53 2.71 0.00	78.05 3.96 0.00	110.10 5.32 0.00	52.05 2.42 0.00	47.52 2.34 0.00	43.52 1.95 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.32 1.78 0.00	31.72 1.70 0.00	34.86 1.65 0.00	36.56 1.63 0.00	38.54 1.61 0.00	47.43 1.94 0.00	65.19 2.84 0.00	51.03 2.56 0.00	44.47 2.57 0.00	41.25 2.57 0.00	43.41 2.65 0.00	45.96 2.90 0.00	47.41 2.94 0.00	45.62 2.66 0.00	45.39 2.65 0.00	45.21 2.75 0.00	46.48 2.84 0.00	48.05 2.81 0.00	51.48 2.66 0.00	78.00 3.91 0.00	110.02 5.24 0.00	52.02 2.38 0.00	47.46 2.28 0.00	43.46 1.89 0.00

RAVENSWOOD_GT_9 24257	33.32 1.78 0.00	31.72 1.70 0.00	34.86 1.65 0.00	36.56 1.63 0.00	38.54 1.61 0.00	47.43 1.94 0.00	65.19 2.84 0.00	51.03 2.56 0.00	44.47 2.57 0.00	41.25 2.57 0.00	43.41 2.65 0.00	45.96 2.90 0.00	47.41 2.94 0.00	45.62 2.66 0.00	45.39 2.65 0.00	45.21 2.75 0.00	46.48 2.84 0.00	48.05 2.81 0.00	51.48 2.66 0.00	78.00 3.91 0.00	110.02 5.24 0.00	52.02 2.38 0.00	47.46 2.28 0.00	43.46 1.89 0.00
RAVENSWOOD___1 23533	33.45 1.91 0.00	31.83 1.81 0.00	34.95 1.74 0.00	36.65 1.72 0.00	38.65 1.71 0.00	47.52 2.02 0.00	65.24 2.89 0.00	51.16 2.69 0.00	44.67 2.77 0.00	41.44 2.76 0.00	43.59 2.83 0.00	46.11 3.05 0.00	47.54 3.07 0.00	45.77 2.80 0.00	45.53 2.79 0.00	45.36 2.89 0.00	46.61 2.96 0.00	48.17 2.93 0.00	51.56 2.74 0.00	78.08 4.00 0.00	110.14 5.36 0.00	52.08 2.44 0.00	47.57 2.39 0.00	43.57 2.00 0.00
RAVENSWOOD___2 23534	33.45 1.91 0.00	31.83 1.81 0.00	34.95 1.74 0.00	36.65 1.72 0.00	38.65 1.71 0.00	47.53 2.03 0.00	65.26 2.91 0.00	51.18 2.71 0.00	44.67 2.77 0.00	41.44 2.75 0.00	43.59 2.83 0.00	46.11 3.05 0.00	47.54 3.07 0.00	45.77 2.80 0.00	45.53 2.79 0.00	45.36 2.89 0.00	46.61 2.97 0.00	48.17 2.93 0.00	51.57 2.75 0.00	78.09 4.01 0.00	110.16 5.38 0.00	52.09 2.46 0.00	47.58 2.40 0.00	43.57 2.00 0.00
RAVENSWOOD___3 23535	33.34 1.80 0.00	31.73 1.72 0.00	34.86 1.65 0.00	36.58 1.65 0.00	38.57 1.63 0.00	47.44 1.94 0.00	65.20 2.85 0.00	51.07 2.59 0.00	44.48 2.59 0.00	41.28 2.59 0.00	43.43 2.67 0.00	45.98 2.92 0.00	47.43 2.96 0.00	45.64 2.68 0.00	45.41 2.67 0.00	45.24 2.77 0.00	46.51 2.87 0.00	48.06 2.82 0.00	51.52 2.70 0.00	78.02 3.94 0.00	110.06 5.28 0.00	52.04 2.40 0.00	47.49 2.31 0.00	43.48 1.91 0.00
RAVENSWOOD___4 23820	33.45 1.91 0.00	31.83 1.81 0.00	34.95 1.74 0.00	36.65 1.72 0.00	38.65 1.71 0.00	47.53 2.03 0.00	65.26 2.91 0.00	51.18 2.71 0.00	44.67 2.77 0.00	41.44 2.75 0.00	43.59 2.83 0.00	46.11 3.05 0.00	47.54 3.07 0.00	45.77 2.80 0.00	45.53 2.79 0.00	45.36 2.89 0.00	46.61 2.97 0.00	48.17 2.93 0.00	51.57 2.75 0.00	78.09 4.01 0.00	110.16 5.38 0.00	52.09 2.46 0.00	47.58 2.40 0.00	43.57 2.00 0.00
RCPI_TRUST___DRP 24196	33.34 1.80 0.00	31.74 1.72 0.00	34.88 1.67 0.00	36.59 1.66 0.00	38.58 1.65 0.00	47.47 1.97 0.00	65.27 2.92 0.00	51.08 2.60 0.00	44.51 2.61 0.00	41.29 2.60 0.00	43.45 2.69 0.00	46.00 2.94 0.00	47.45 2.98 0.00	45.67 2.70 0.00	45.44 2.70 0.00	45.26 2.80 0.00	46.53 2.89 0.00	48.10 2.86 0.00	51.54 2.72 0.00	78.08 3.99 0.00	110.14 5.35 0.00	52.07 2.43 0.00	47.50 2.33 0.00	43.50 1.93 0.00
RED___ROCHESTER 323720	31.83 0.28 0.00	30.02 0.01 0.00	33.23 0.01 0.00	34.91 -0.02 0.00	36.94 0.01 0.00	45.68 0.18 0.00	62.76 0.41 0.00	43.33 0.05 5.20	41.86 -0.04 0.00	38.31 -0.37 0.00	40.16 -0.60 0.00	42.36 -0.70 0.00	44.08 -0.39 0.00	42.75 -0.22 0.00	42.41 -0.33 0.00	41.84 -0.63 0.00	42.78 -0.86 0.00	44.25 -0.99 0.00	48.18 -0.65 0.00	73.90 -0.19 0.00	104.78 0.00 0.00	49.28 -0.36 0.00	44.71 -0.47 0.00	41.29 -0.28 0.00
REGAN___SOLAR 323812	33.22 1.68 0.00	31.55 1.53 0.00	34.90 1.68 0.00	36.70 1.76 0.00	38.84 1.90 0.00	47.89 2.39 0.00	65.95 3.60 0.00	51.27 2.79 0.00	43.85 1.95 0.00	40.12 1.44 0.00	41.93 1.18 0.00	43.84 0.79 0.00	44.87 0.40 0.00	42.96 0.00 0.00	42.97 0.23 0.00	42.34 -0.12 0.00	43.68 0.04 0.00	45.96 0.72 0.00	50.84 2.02 0.00	78.12 4.03 0.00	110.75 5.96 0.00	52.40 2.77 0.00	47.66 2.49 0.00	43.70 2.13 0.00
RENSSELAER___COGEN 23796	32.11 0.57 0.00	30.74 0.73 0.00	34.01 0.80 0.00	35.76 0.82 0.00	37.77 0.83 0.00	46.34 0.84 0.00	63.32 0.98 0.00	49.56 1.09 0.00	42.84 0.94 0.00	39.62 0.94 0.00	41.62 0.86 0.00	44.01 0.95 0.00	45.41 0.94 0.00	43.77 0.81 0.00	43.58 0.84 0.00	43.39 0.92 0.00	44.53 0.89 0.00	46.17 0.93 0.00	49.77 0.95 0.00	75.41 1.32 0.00	106.33 1.55 0.00	50.46 0.82 0.00	45.90 0.72 0.00	42.19 0.62 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.19 2.65 0.00	32.85 2.83 0.00	36.53 3.32 0.00	38.42 3.49 0.00	40.66 3.72 0.00	50.18 4.68 0.00	68.87 6.52 0.00	53.25 4.78 0.00	45.61 3.72 0.00	41.88 3.19 0.00	43.68 2.92 0.00	45.97 2.91 0.00	47.38 2.91 0.00	45.68 2.72 0.00	45.67 2.93 0.00	44.42 1.95 0.00	46.22 2.58 0.00	48.31 3.08 0.00	52.55 3.73 0.00	80.35 6.26 0.00	113.45 8.67 0.00	54.04 4.41 0.00	49.24 4.06 0.00	44.50 2.93 0.00
REVERE_CPDRP 24186	32.13 0.59 0.00	30.52 0.51 0.00	33.86 0.65 0.00	35.79 0.85 0.00	37.91 0.97 0.00	46.73 1.23 0.00	64.50 2.15 0.00	50.00 1.52 0.00	43.01 1.12 0.00	39.23 0.55 0.00	40.97 0.22 0.00	42.96 -0.10 0.00	44.37 -0.10 0.00	42.97 0.00 0.00	42.72 -0.02 0.00	42.59 0.12 0.00	44.09 0.45 0.00	46.24 1.00 0.00	49.93 1.10 0.00	76.82 2.73 0.00	109.11 4.33 0.00	51.54 1.90 0.00	46.65 1.48 0.00	42.83 1.26 0.00
REYNOLDPA_13_KV_LD 356490	31.48 -0.06 0.00	29.99 -0.03 0.00	33.22 0.01 0.00	34.96 0.02 0.00	36.99 0.06 0.00	45.64 0.14 0.00	62.25 -0.10 0.00	48.19 -0.28 0.00	41.57 -0.33 0.00	38.59 -0.09 0.00	40.96 0.20 0.00	43.32 0.26 0.00	44.70 0.23 0.00	43.26 0.29 0.00	43.04 0.30 0.00	42.75 0.28 0.00	43.90 0.26 0.00	45.45 0.21 0.00	48.89 0.08 0.00	73.86 -0.23 0.00	104.59 -0.19 0.00	49.59 -0.05 0.00	45.08 -0.10 0.00	41.72 0.15 0.00
REYNOLDS_115KV_TB3 80639	32.36 0.82 0.00	30.98 0.97 0.00	34.28 1.06 0.00	36.04 1.10 0.00	38.06 1.12 0.00	46.71 1.21 0.00	63.80 1.45 0.00	49.89 1.42 0.00	43.12 1.22 0.00	39.92 1.24 0.00	41.96 1.20 0.00	44.39 1.33 0.00	45.81 1.34 0.00	44.14 1.17 0.00	43.96 1.22 0.00	43.75 1.28 0.00	44.93 1.28 0.00	46.56 1.32 0.00	50.19 1.37 0.00	76.02 1.94 0.00	107.15 2.37 0.00	50.87 1.24 0.00	46.26 1.09 0.00	42.52 0.95 0.00
RIVERBAY___ 323610	34.12 2.58 0.00	32.50 2.49 0.00	35.74 2.53 0.00	37.53 2.60 0.00	39.61 2.67 0.00	48.76 3.26 0.00	67.03 4.68 0.00	52.47 4.00 0.00	45.79 3.89 0.00	42.35 3.67 0.00	44.53 3.77 0.00	47.14 4.08 0.00	48.60 4.13 0.00	46.76 3.80 0.00	46.51 3.77 0.00	46.34 3.88 0.00	47.59 3.94 0.00	49.18 3.94 0.00	52.62 3.80 0.00	79.80 5.71 0.00	112.64 7.86 0.00	53.25 3.61 0.00	48.62 3.44 0.00	44.54 2.97 0.00
RIVERSIDE_115KV_TB3 55908	32.26 0.72 0.00	30.87 0.86 0.00	34.15 0.93 0.00	35.91 0.98 0.00	37.93 1.00 0.00	46.53 1.04 0.00	63.58 1.23 0.00	49.76 1.29 0.00	43.01 1.11 0.00	39.80 1.12 0.00	41.82 1.06 0.00	44.22 1.16 0.00	45.64 1.16 0.00	43.99 1.02 0.00	43.80 1.05 0.00	43.58 1.12 0.00	44.75 1.11 0.00	46.40 1.16 0.00	50.01 1.19 0.00	75.75 1.66 0.00	106.82 2.04 0.00	50.69 1.05 0.00	46.10 0.92 0.00	42.37 0.80 0.00

ROARING__BROOK_WT_PWR 323790	30.78 -0.76 0.00	29.22 -0.80 0.00	32.35 -0.86 0.00	34.19 -0.74 0.00	36.23 -0.70 0.00	44.88 -0.62 0.00	61.55 -0.80 0.00	47.98 -0.50 0.00	41.62 -0.27 0.00	38.51 -0.17 0.00	40.69 -0.06 0.00	43.02 -0.04 0.00	44.43 -0.04 0.00	42.92 -0.04 0.00	42.69 -0.04 0.00	42.41 -0.06 0.00	43.60 -0.04 0.00	45.15 -0.09 0.00	48.62 -0.20 0.00	73.87 -0.21 0.00	104.67 -0.11 0.00	49.61 -0.03 0.00	45.06 -0.12 0.00	41.52 -0.05 0.00
ROCHESRG_115KV_T4 355643	31.39 -0.15 0.00	29.64 -0.38 0.00	32.81 -0.40 0.00	34.47 -0.46 0.00	36.47 -0.47 0.00	45.05 -0.45 0.00	61.86 -0.49 0.00	42.78 -0.61 5.08	41.31 -0.59 0.00	37.82 -0.86 0.00	39.66 -1.10 0.00	41.85 -1.21 0.00	43.52 -0.95 0.00	42.20 -0.77 0.00	41.88 -0.86 0.00	41.34 -1.13 0.00	42.24 -1.40 0.00	43.62 -1.58 0.04	47.46 -1.36 0.00	72.75 -1.33 0.00	103.18 -1.60 0.00	48.57 -1.06 0.00	44.11 -1.07 0.00	40.75 -0.82 0.00
ROCHESTER_9_IC 23652	31.65 0.10 0.00	29.87 -0.14 0.00	33.06 -0.15 0.00	34.73 -0.20 0.00	36.76 -0.18 0.00	45.41 -0.09 0.00	62.41 0.06 0.00	43.07 -0.20 5.21	41.64 -0.25 0.00	38.11 -0.57 0.00	39.96 -0.80 0.00	42.15 -0.91 0.00	43.84 -0.62 0.00	42.53 -0.44 0.00	42.19 -0.55 0.00	41.63 -0.83 0.00	42.55 -1.09 0.00	44.01 -1.23 0.00	47.88 -0.94 0.00	73.43 -0.65 0.00	104.13 -0.65 0.00	48.99 -0.65 0.00	44.47 -0.71 0.00	41.07 -0.50 0.00
ROCKVIEW_13_KV_LD 356306	33.36 1.81 0.00	31.75 1.74 0.00	34.93 1.72 0.00	36.64 1.71 0.00	38.63 1.70 0.00	47.54 2.04 0.00	65.33 2.98 0.00	51.12 2.64 0.00	44.48 2.59 0.00	41.26 2.58 0.00	43.43 2.67 0.00	46.00 2.94 0.00	47.44 2.97 0.00	45.67 2.70 0.00	45.43 2.69 0.00	45.25 2.79 0.00	46.53 2.89 0.00	48.11 2.87 0.00	51.61 2.78 0.00	78.20 4.11 0.00	110.33 5.54 0.00	52.17 2.53 0.00	47.56 2.38 0.00	43.56 1.99 0.00
ROME____115KV_TB2 80656	32.13 0.59 0.00	30.52 0.51 0.00	33.86 0.65 0.00	35.79 0.85 0.00	37.91 0.97 0.00	46.73 1.23 0.00	64.50 2.15 0.00	50.00 1.52 0.00	43.01 1.12 0.00	39.23 0.55 0.00	40.97 0.22 0.00	42.96 -0.10 0.00	44.37 -0.10 0.00	42.97 0.00 0.00	42.72 -0.02 0.00	42.59 0.12 0.00	44.09 0.45 0.00	46.24 1.00 0.00	49.93 1.10 0.00	76.82 2.73 0.00	109.11 4.33 0.00	51.54 1.90 0.00	46.65 1.48 0.00	42.83 1.26 0.00
ROSETON__1 23587	32.93 1.39 0.00	31.38 1.37 0.00	34.58 1.37 0.00	36.30 1.37 0.00	38.28 1.35 0.00	47.08 1.58 0.00	64.62 2.27 0.00	50.48 2.01 0.00	43.79 1.90 0.00	40.62 1.93 0.00	42.75 1.99 0.00	45.27 2.21 0.00	46.71 2.24 0.00	44.98 2.02 0.00	44.75 2.01 0.00	44.57 2.10 0.00	45.84 2.20 0.00	47.41 2.17 0.00	50.90 2.08 0.00	77.14 3.06 0.00	108.87 4.09 0.00	51.57 1.93 0.00	47.04 1.86 0.00	43.09 1.52 0.00
ROSETON__2 23588	32.93 1.39 0.00	31.38 1.37 0.00	34.58 1.37 0.00	36.30 1.37 0.00	38.28 1.35 0.00	47.08 1.58 0.00	64.62 2.27 0.00	50.48 2.01 0.00	43.79 1.90 0.00	40.62 1.93 0.00	42.75 1.99 0.00	45.27 2.21 0.00	46.71 2.24 0.00	44.98 2.02 0.00	44.75 2.01 0.00	44.57 2.10 0.00	45.84 2.20 0.00	47.41 2.17 0.00	50.90 2.08 0.00	77.14 3.06 0.00	108.87 4.09 0.00	51.57 1.93 0.00	47.04 1.86 0.00	43.09 1.52 0.00
ROTTRDAM_115KV_TB3 80664	32.38 0.84 0.00	30.87 0.86 0.00	34.15 0.94 0.00	35.91 0.98 0.00	37.94 1.00 0.00	46.66 1.16 0.00	63.92 1.57 0.00	49.83 1.35 0.00	43.07 1.17 0.00	39.78 1.09 0.00	41.83 1.07 0.00	44.17 1.11 0.00	45.60 1.13 0.00	43.92 0.96 0.00	43.69 0.95 0.00	43.39 0.92 0.00	44.64 1.00 0.00	46.29 1.05 0.00	50.06 1.24 0.00	75.99 1.90 0.00	107.35 2.57 0.00	50.89 1.25 0.00	46.33 1.15 0.00	42.53 0.95 0.00
RUSSELL__1 23602	31.83 0.28 0.00	30.02 0.01 0.00	33.23 0.02 0.00	34.91 -0.02 0.00	36.94 0.01 0.00	45.67 0.17 0.00	62.75 0.41 0.00	43.35 0.07 5.20	41.86 -0.03 0.00	38.31 -0.37 0.00	40.16 -0.60 0.00	42.36 -0.69 0.00	44.08 -0.39 0.00	42.75 -0.22 0.00	42.41 -0.33 0.00	41.84 -0.63 0.00	42.78 -0.86 0.00	44.25 -0.99 0.00	48.18 -0.64 0.00	73.92 -0.17 0.00	104.79 0.01 0.00	49.28 -0.36 0.00	44.72 -0.46 0.00	41.29 -0.28 0.00
RUSSELL__2 23532	31.83 0.28 0.00	30.02 0.01 0.00	33.23 0.02 0.00	34.91 -0.02 0.00	36.94 0.01 0.00	45.67 0.17 0.00	62.75 0.41 0.00	43.35 0.07 5.20	41.86 -0.03 0.00	38.31 -0.37 0.00	40.16 -0.60 0.00	42.36 -0.69 0.00	44.08 -0.39 0.00	42.75 -0.22 0.00	42.41 -0.33 0.00	41.84 -0.63 0.00	42.78 -0.86 0.00	44.25 -0.99 0.00	48.18 -0.64 0.00	73.92 -0.17 0.00	104.79 0.01 0.00	49.28 -0.36 0.00	44.72 -0.46 0.00	41.29 -0.28 0.00
RUSSELL__3 23549	31.83 0.28 0.00	30.02 0.01 0.00	33.23 0.02 0.00	34.91 -0.02 0.00	36.94 0.01 0.00	45.67 0.17 0.00	62.75 0.41 0.00	43.35 0.07 5.20	41.86 -0.03 0.00	38.31 -0.37 0.00	40.16 -0.60 0.00	42.36 -0.69 0.00	44.08 -0.39 0.00	42.75 -0.22 0.00	42.41 -0.33 0.00	41.84 -0.63 0.00	42.78 -0.86 0.00	44.25 -0.99 0.00	48.18 -0.64 0.00	73.92 -0.17 0.00	104.79 0.01 0.00	49.28 -0.36 0.00	44.72 -0.46 0.00	41.29 -0.28 0.00
RUSSELL__4 23556	31.83 0.28 0.00	30.02 0.01 0.00	33.23 0.02 0.00	34.91 -0.02 0.00	36.94 0.01 0.00	45.67 0.17 0.00	62.75 0.41 0.00	43.35 0.07 5.20	41.86 -0.03 0.00	38.31 -0.37 0.00	40.16 -0.60 0.00	42.36 -0.69 0.00	44.08 -0.39 0.00	42.75 -0.22 0.00	42.41 -0.33 0.00	41.84 -0.63 0.00	42.78 -0.86 0.00	44.25 -0.99 0.00	48.18 -0.64 0.00	73.92 -0.17 0.00	104.79 0.01 0.00	49.28 -0.36 0.00	44.72 -0.46 0.00	41.29 -0.28 0.00
RUSSELL__STATION 23914	31.83 0.28 0.00	30.02 0.01 0.00	33.23 0.02 0.00	34.91 -0.02 0.00	36.94 0.01 0.00	45.67 0.17 0.00	62.75 0.41 0.00	43.35 0.07 5.20	41.86 -0.03 0.00	38.31 -0.37 0.00	40.16 -0.60 0.00	42.36 -0.69 0.00	44.08 -0.39 0.00	42.75 -0.22 0.00	42.41 -0.33 0.00	41.84 -0.63 0.00	42.78 -0.86 0.00	44.25 -0.99 0.00	48.18 -0.64 0.00	73.92 -0.17 0.00	104.79 0.01 0.00	49.28 -0.36 0.00	44.72 -0.46 0.00	41.29 -0.28 0.00
S SALMON__HYD 24043	29.17 -2.37 0.00	27.70 -2.31 0.00	30.88 -2.33 0.00	33.00 -1.94 0.00	35.07 -1.87 0.00	43.17 -2.33 0.00	59.87 -2.48 0.00	46.34 -2.14 0.00	39.67 -2.23 0.00	36.30 -2.39 0.00	38.22 -2.54 0.00	40.29 -2.77 0.00	41.45 -3.02 0.00	40.31 -2.65 0.00	40.06 -2.68 0.00	39.72 -2.75 0.00	40.85 -2.79 0.00	42.34 -2.90 0.00	45.68 -3.14 0.00	71.49 -2.59 0.00	103.05 -1.74 0.00	48.83 -0.81 0.00	44.05 -1.13 0.00	40.60 -0.97 0.00
S.PERRY__115KV_TB1 80734	31.59 0.05 0.00	29.66 -0.35 0.00	32.93 -0.28 0.00	34.67 -0.26 0.00	36.73 -0.21 0.00	45.52 0.02 0.00	63.00 0.65 0.00	37.77 0.23 10.93	41.43 -0.47 0.00	37.57 -1.11 0.00	39.35 -1.41 0.00	41.57 -1.49 0.00	43.52 -0.95 0.00	42.26 -0.70 0.00	41.63 -1.12 0.00	40.77 -1.70 0.00	41.59 -2.05 0.00	43.78 -2.48 -1.03	46.73 -2.09 0.00	73.64 -0.45 0.00	106.44 1.66 0.00	49.95 0.32 0.00	45.20 0.03 0.00	41.73 0.16 0.00

SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.28 -1.26 0.00	28.38 -1.63 0.00	31.54 -1.67 0.00	33.12 -1.81 0.00	35.01 -1.93 0.00	43.21 -2.29 0.00	59.21 -3.14 0.00	35.99 -2.91 9.58	39.54 -2.36 0.00	36.07 -2.62 0.00	37.93 -2.83 0.00	40.04 -3.03 0.00	41.93 -2.54 0.00	40.73 -2.23 0.00	40.30 -2.44 0.00	39.41 -3.06 0.00	39.94 -3.70 0.00	40.55 -4.33 0.36	44.52 -4.30 0.00	68.59 -5.50 0.00	97.65 -7.13 0.00	45.84 -3.80 0.00	41.76 -3.42 0.00	38.96 -2.62 0.00
SAWYER__23_KV_LOAD 55526	30.28 -1.26 0.00	28.38 -1.63 0.00	31.54 -1.67 0.00	33.12 -1.81 0.00	35.01 -1.93 0.00	43.21 -2.29 0.00	59.21 -3.14 0.00	35.99 -2.91 9.58	39.54 -2.36 0.00	36.07 -2.62 0.00	37.93 -2.83 0.00	40.04 -3.03 0.00	41.93 -2.54 0.00	40.73 -2.23 0.00	40.30 -2.44 0.00	39.41 -3.06 0.00	39.94 -3.70 0.00	40.55 -4.33 0.36	44.52 -4.30 0.00	68.59 -5.50 0.00	97.65 -7.13 0.00	45.84 -3.80 0.00	41.76 -3.42 0.00	38.96 -2.62 0.00
SELKIRK__I 23801	32.32 0.78 0.00	30.95 0.94 0.00	34.28 1.06 0.00	36.05 1.11 0.00	38.07 1.13 0.00	46.77 1.27 0.00	63.90 1.55 0.00	49.90 1.42 0.00	43.13 1.23 0.00	39.86 1.18 0.00	41.87 1.11 0.00	44.23 1.17 0.00	45.68 1.21 0.00	44.06 1.09 0.00	43.85 1.11 0.00	43.58 1.11 0.00	44.70 1.06 0.00	46.38 1.14 0.00	50.11 1.28 0.00	76.04 1.95 0.00	107.34 2.56 0.00	50.88 1.25 0.00	46.30 1.12 0.00	42.56 0.99 0.00
SELKIRK__II 23799	32.03 0.48 0.00	30.76 0.74 0.00	34.08 0.87 0.00	35.82 0.89 0.00	37.83 0.90 0.00	46.45 0.96 0.00	63.52 1.17 0.00	49.65 1.17 0.00	42.93 1.04 0.00	39.71 1.03 0.00	41.75 0.99 0.00	44.13 1.07 0.00	45.55 1.08 0.00	43.91 0.94 0.00	43.71 0.97 0.00	43.50 1.03 0.00	44.67 1.03 0.00	46.29 1.05 0.00	49.91 1.09 0.00	75.64 1.55 0.00	106.71 1.93 0.00	50.61 0.98 0.00	46.06 0.89 0.00	42.32 0.75 0.00
SENECA OSWGO__HYD 24041	30.59 -0.95 0.00	29.03 -0.98 0.00	32.08 -1.13 0.00	33.76 -1.17 0.00	35.72 -1.22 0.00	44.04 -1.46 0.00	60.44 -1.91 0.00	47.02 -1.45 0.00	40.62 -1.28 0.00	37.34 -1.35 0.00	39.17 -1.59 0.00	41.31 -1.75 0.00	42.71 -1.76 0.00	41.28 -1.68 0.00	41.07 -1.67 0.00	40.85 -1.62 0.00	41.96 -1.68 0.00	43.48 -1.75 0.00	47.05 -1.77 0.00	71.71 -2.37 0.00	101.57 -3.21 0.00	48.06 -1.58 0.00	43.67 -1.50 0.00	40.16 -1.41 0.00
SENECA__115KV_TB3 355854	30.41 -1.13 0.00	28.47 -1.55 0.00	31.66 -1.55 0.00	33.28 -1.66 0.00	35.18 -1.76 0.00	43.50 -2.00 0.00	59.68 -2.67 0.00	35.81 -2.54 10.12	39.89 -2.00 0.00	36.36 -2.32 0.00	38.22 -2.54 0.00	40.33 -2.73 0.00	42.26 -2.21 0.00	41.01 -1.96 0.00	40.52 -2.22 0.00	39.61 -2.86 0.00	40.16 -3.48 0.00	40.79 -4.08 0.38	44.86 -3.96 0.00	69.28 -4.81 0.00	98.90 -5.89 0.00	46.38 -3.26 0.00	42.20 -2.98 0.00	39.31 -2.26 0.00
SENECA__ENERGY 23797	31.31 -0.23 0.00	29.63 -0.38 0.00	32.79 -0.42 0.00	34.49 -0.44 0.00	36.52 -0.41 0.00	45.09 -0.41 0.00	62.13 -0.22 0.00	44.53 -0.22 3.73	41.68 -0.22 0.00	38.19 -0.50 0.00	39.74 -1.02 0.00	41.80 -1.26 0.00	43.43 -1.04 0.00	41.97 -0.99 0.00	41.69 -1.05 0.00	41.29 -1.18 0.00	42.33 -1.30 0.00	43.93 -1.39 -0.08	47.68 -1.14 0.00	73.37 -0.71 0.00	104.34 -0.45 0.00	49.18 -0.46 0.00	44.64 -0.54 0.00	41.07 -0.50 0.00
SHOEMAKER__GT 23640	32.98 1.44 0.00	31.40 1.39 0.00	34.61 1.40 0.00	36.35 1.42 0.00	38.34 1.41 0.00	47.19 1.69 0.00	64.84 2.49 0.00	51.79 2.18 -1.14	43.93 2.03 0.00	40.67 1.99 0.00	42.80 2.04 0.00	45.31 2.25 0.00	46.76 2.29 0.00	45.02 2.06 0.00	44.78 2.04 0.00	44.58 2.11 0.00	45.87 2.23 0.00	47.47 2.23 0.00	51.02 2.20 0.00	77.46 3.37 0.00	109.40 4.62 0.00	51.77 2.14 0.00	47.18 2.00 0.00	43.21 1.64 0.00
SHOEMAKR_138KV_BK 111 55601	32.96 1.42 0.00	31.38 1.37 0.00	34.59 1.38 0.00	36.33 1.40 0.00	38.32 1.38 0.00	47.15 1.65 0.00	64.80 2.45 0.00	51.76 2.14 -1.15	43.89 2.00 0.00	40.65 1.96 0.00	42.77 2.01 0.00	45.28 2.22 0.00	46.74 2.28 0.00	45.00 2.04 0.00	44.76 2.02 0.00	44.57 2.10 0.00	45.86 2.22 0.00	47.45 2.21 0.00	50.99 2.17 0.00	77.41 3.32 0.00	109.30 4.52 0.00	51.73 2.10 0.00	47.14 1.96 0.00	43.18 1.61 0.00
SHOREHAM_IC_1 23715	36.22 2.46 -2.22	32.88 2.41 -0.46	35.44 2.23 0.00	37.08 2.15 0.00	39.04 2.11 0.00	47.67 2.17 0.00	67.83 3.04 -2.44	52.08 3.04 -0.57	45.01 3.06 -0.06	42.25 2.92 -0.64	50.71 3.08 -6.88	47.14 3.81 -0.27	48.03 3.48 -0.09	46.48 3.52 0.00	46.33 3.59 0.00	46.11 3.64 0.00	47.31 3.57 -0.10	52.11 3.31 -3.56	56.33 3.33 -4.18	87.21 5.01 -8.12	121.13 5.36 -10.99	54.17 2.79 -1.74	47.71 2.34 -0.20	44.18 2.53 -0.09
SHOREHAM_IC_2 23716	36.22 2.46 -2.22	32.88 2.41 -0.46	35.44 2.23 0.00	37.08 2.15 0.00	39.04 2.11 0.00	47.67 2.17 0.00	67.83 3.04 -2.44	52.08 3.04 -0.57	45.01 3.06 -0.06	42.25 2.92 -0.64	50.71 3.08 -6.88	47.14 3.81 -0.27	48.03 3.48 -0.09	46.48 3.52 0.00	46.33 3.59 0.00	46.11 3.64 0.00	47.31 3.57 -0.10	52.11 3.31 -3.56	56.33 3.33 -4.18	87.21 5.01 -8.12	121.13 5.36 -10.99	54.17 2.79 -1.74	47.71 2.34 -0.20	44.18 2.53 -0.09
SISSONVILLE__ 23735	30.10 -1.44 0.00	28.66 -1.36 0.00	31.81 -1.40 0.00	33.61 -1.33 0.00	35.62 -1.32 0.00	43.99 -1.51 0.00	60.33 -2.02 0.00	46.76 -1.71 0.00	40.12 -1.77 0.00	36.99 -1.69 0.00	39.23 -1.53 0.00	41.45 -1.61 0.00	42.71 -1.76 0.00	41.37 -1.59 0.00	41.23 -1.51 0.00	40.96 -1.51 0.00	42.16 -1.48 0.00	43.78 -1.46 0.00	47.22 -1.60 0.00	72.06 -2.03 0.00	102.65 -2.13 0.00	48.65 -0.99 0.00	43.99 -1.19 0.00	40.60 -0.97 0.00
SITHE_IND_GS1 24169	30.56 -0.99 0.00	29.00 -1.02 0.00	32.05 -1.16 0.00	33.71 -1.22 0.00	35.65 -1.28 0.00	43.94 -1.56 0.00	60.26 -2.09 0.00	46.87 -1.61 0.00	40.50 -1.40 0.00	37.31 -1.37 0.00	39.18 -1.58 0.00	41.34 -1.72 0.00	42.76 -1.70 0.00	41.32 -1.64 0.00	41.11 -1.63 0.00	40.83 -1.63 0.00	41.94 -1.70 0.00	43.48 -1.76 0.00	47.00 -1.82 0.00	71.51 -2.58 0.00	101.21 -3.57 0.00	47.89 -1.75 0.00	43.57 -1.61 0.00	40.08 -1.50 0.00
SITHE_IND_GS2 24170	30.56 -0.99 0.00	29.00 -1.02 0.00	32.05 -1.16 0.00	33.71 -1.22 0.00	35.65 -1.28 0.00	43.94 -1.56 0.00	60.26 -2.09 0.00	46.87 -1.61 0.00	40.50 -1.40 0.00	37.31 -1.37 0.00	39.18 -1.58 0.00	41.34 -1.72 0.00	42.76 -1.70 0.00	41.32 -1.64 0.00	41.11 -1.63 0.00	40.83 -1.63 0.00	41.94 -1.70 0.00	43.48 -1.76 0.00	47.00 -1.82 0.00	71.51 -2.58 0.00	101.21 -3.57 0.00	47.89 -1.75 0.00	43.57 -1.61 0.00	40.08 -1.50 0.00
SITHE_IND_GS3 24171	30.56 -0.99 0.00	29.00 -1.02 0.00	32.05 -1.16 0.00	33.71 -1.22 0.00	35.65 -1.28 0.00	43.94 -1.56 0.00	60.26 -2.09 0.00	46.87 -1.61 0.00	40.50 -1.40 0.00	37.31 -1.37 0.00	39.18 -1.58 0.00	41.34 -1.72 0.00	42.76 -1.70 0.00	41.32 -1.64 0.00	41.11 -1.63 0.00	40.83 -1.63 0.00	41.94 -1.70 0.00	43.48 -1.76 0.00	47.00 -1.82 0.00	71.51 -2.58 0.00	101.21 -3.57 0.00	47.89 -1.75 0.00	43.57 -1.61 0.00	40.08 -1.50 0.00

SITHE_IND_GS4 24172	30.56 -0.99 0.00	29.00 -1.02 0.00	32.05 -1.16 0.00	33.71 -1.22 0.00	35.65 -1.28 0.00	43.94 -1.56 0.00	60.26 -2.09 0.00	46.87 -1.61 0.00	40.50 -1.40 0.00	37.31 -1.37 0.00	39.18 -1.58 0.00	41.34 -1.72 0.00	42.76 -1.70 0.00	41.32 -1.64 0.00	41.11 -1.63 0.00	40.83 -1.63 0.00	41.94 -1.70 0.00	43.48 -1.76 0.00	47.00 -1.82 0.00	71.51 -2.58 0.00	101.21 -3.57 0.00	47.89 -1.75 0.00	43.57 -1.61 0.00	40.08 -1.50 0.00
SITHE__BATAVIA 24024	31.35 -0.19 0.00	29.45 -0.56 0.00	32.67 -0.55 0.00	34.31 -0.62 0.00	36.31 -0.63 0.00	44.92 -0.57 0.00	61.68 -0.67 0.00	40.19 -0.94 7.34	40.85 -1.04 0.00	36.97 -1.72 0.00	38.71 -2.05 0.00	40.75 -2.31 0.00	42.57 -1.91 0.00	41.37 -1.60 0.00	41.05 -1.69 0.00	40.23 -2.24 0.00	40.88 -2.76 0.00	41.86 -3.19 0.19	46.07 -2.75 0.00	71.51 -2.58 0.00	102.02 -2.76 0.00	47.94 -1.70 0.00	43.52 -1.65 0.00	40.43 -1.14 0.00
SITHE__INDEPEND 23800	30.56 -0.98 0.00	29.00 -1.02 0.00	32.05 -1.16 0.00	33.71 -1.22 0.00	35.65 -1.28 0.00	43.94 -1.56 0.00	60.26 -2.09 0.00	46.87 -1.61 0.00	40.50 -1.40 0.00	37.31 -1.37 0.00	39.18 -1.58 0.00	41.35 -1.72 0.00	42.76 -1.71 0.00	41.32 -1.64 0.00	41.11 -1.63 0.00	40.84 -1.63 0.00	41.94 -1.70 0.00	43.48 -1.76 0.00	47.00 -1.82 0.00	71.51 -2.58 0.00	101.21 -3.57 0.00	47.89 -1.75 0.00	43.57 -1.61 0.00	40.07 -1.50 0.00
SITHE__MASSENA 23902	31.33 -0.22 0.00	29.82 -0.19 0.00	33.04 -0.17 0.00	34.80 -0.13 0.00	36.82 -0.11 0.00	45.45 -0.05 0.00	62.20 -0.14 0.00	48.26 -0.21 0.00	41.59 -0.31 0.00	38.44 -0.25 0.00	40.75 0.00 0.00	43.10 0.04 0.00	44.46 -0.01 0.00	43.03 0.07 0.00	42.83 0.09 0.00	42.55 0.08 0.00	43.72 0.08 0.00	45.33 0.09 0.00	48.92 0.10 0.00	74.32 0.23 0.00	105.48 0.70 0.00	49.95 0.32 0.00	45.28 0.10 0.00	41.80 0.23 0.00
SITHE__OGDNSBRG 24021	31.37 -0.17 0.00	29.85 -0.16 0.00	33.10 -0.11 0.00	34.91 -0.02 0.00	37.02 0.08 0.00	45.71 0.21 0.00	62.69 0.34 0.00	48.45 -0.03 0.00	41.34 -0.56 0.00	38.00 -0.69 0.00	40.33 -0.43 0.00	42.62 -0.43 0.00	43.93 -0.54 0.00	42.56 -0.40 0.00	42.41 -0.33 0.00	42.11 -0.36 0.00	43.30 -0.33 0.00	45.06 -0.18 0.00	48.63 -0.19 0.00	74.47 0.38 0.00	106.35 1.56 0.00	50.45 0.81 0.00	45.55 0.37 0.00	42.02 0.45 0.00
SITHE__STERLING 23777	32.05 0.50 0.00	30.44 0.43 0.00	33.72 0.51 0.00	35.54 0.61 0.00	37.65 0.71 0.00	46.40 0.90 0.00	63.91 1.56 0.00	49.62 1.15 0.00	42.76 0.87 0.00	39.10 0.41 0.00	40.89 0.13 0.00	42.98 -0.08 0.00	44.41 -0.06 0.00	42.94 -0.02 0.00	42.71 -0.03 0.00	42.51 0.04 0.00	43.90 0.26 0.00	45.92 0.68 0.00	49.59 0.77 0.00	76.07 1.99 0.00	107.85 3.07 0.00	50.96 1.33 0.00	46.23 1.05 0.00	42.44 0.87 0.00
SLEIGHT__34_KV_TB1 80719	31.70 0.16 0.00	29.97 -0.04 0.00	33.16 -0.05 0.00	34.85 -0.08 0.00	36.90 -0.03 0.00	45.58 0.08 0.00	62.73 0.38 0.00	44.55 0.13 4.06	41.93 0.03 0.00	38.39 -0.29 0.00	40.07 -0.69 0.00	42.21 -0.85 0.00	43.80 -0.67 0.00	42.41 -0.55 0.00	42.15 -0.59 0.00	41.71 -0.76 0.00	42.73 -0.91 0.00	44.29 -0.95 0.00	48.15 -0.67 0.00	73.91 -0.17 0.00	104.89 0.10 0.00	49.42 -0.22 0.00	44.83 -0.34 0.00	41.33 -0.24 0.00
SMITHTWN_69_KV_BK 1 55830	36.05 2.28 -2.23	32.68 2.21 -0.46	35.26 2.04 0.00	36.90 1.97 0.00	38.87 1.93 0.00	47.33 1.83 0.00	65.96 2.47 -1.14	51.31 2.57 -0.26	44.63 2.70 -0.03	41.63 2.64 -0.30	50.60 2.93 -6.91	46.79 3.48 -0.25	47.67 3.16 -0.04	46.17 3.21 0.00	46.02 3.28 0.00	45.79 3.32 0.00	46.92 3.23 -0.05	49.84 2.94 -1.66	53.62 2.85 -1.95	82.13 4.26 -3.79	114.61 4.70 -5.13	52.77 2.33 -0.81	47.38 2.12 -0.09	43.84 2.22 -0.04
SOUTH CAIRO__GT 23612	33.03 1.49 0.00	31.65 1.64 0.00	35.05 1.84 0.00	36.86 1.92 0.00	38.96 2.03 0.00	47.94 2.44 0.00	65.80 3.45 0.00	51.61 3.13 0.00	44.54 2.64 0.00	41.11 2.43 0.00	43.07 2.31 0.00	45.34 2.28 0.00	46.71 2.24 0.00	45.01 2.05 0.00	44.73 1.99 0.00	44.44 1.98 0.00	45.52 1.88 0.00	47.28 2.04 0.00	51.19 2.37 0.00	78.28 4.19 0.00	110.72 5.94 0.00	52.37 2.74 0.00	47.51 2.33 0.00	43.57 2.00 0.00
SOUTH HAMPTN__IC 23720	36.51 2.76 -2.21	33.17 2.70 -0.46	35.76 2.54 0.00	37.41 2.48 0.00	39.33 2.39 0.00	48.35 2.85 0.00	69.08 4.15 -2.59	52.99 3.92 -0.60	45.81 3.85 -0.06	43.03 3.68 -0.67	51.51 3.89 -6.86	47.92 4.59 -0.27	48.81 4.25 -0.09	47.25 4.28 0.00	47.07 4.33 0.00	46.83 4.36 0.00	48.06 4.32 -0.10	53.14 4.13 -3.77	57.45 4.20 -4.43	89.12 6.43 -8.60	123.86 7.44 -11.65	55.14 3.67 -1.84	48.51 3.12 -0.21	44.69 3.03 -0.09
SOUTHDOWN_115KV_TB1 355954	30.82 -0.72 0.00	28.63 -1.39 0.00	31.94 -1.27 0.00	33.85 -1.08 0.00	35.76 -1.18 0.00	44.23 -1.27 0.00	61.01 -1.34 11.03	36.41 -1.03 0.00	41.11 -0.79 0.00	37.29 -1.40 0.00	39.09 -1.67 0.00	41.25 -1.81 0.00	43.27 -1.20 0.00	41.91 -1.05 0.00	41.10 -1.64 0.00	40.17 -2.30 0.00	40.76 -2.88 0.00	41.72 -3.17 0.34	46.04 -2.78 0.00	72.12 -1.97 0.00	103.05 -1.73 0.00	48.06 -1.58 0.00	43.65 -1.53 0.00	40.39 -1.18 0.00
SOUTHOLD_69_KV_BK 2 55809	36.60 2.85 -2.21	33.29 2.82 -0.46	35.88 2.67 0.00	37.53 2.60 0.00	39.41 2.47 0.00	48.72 3.22 0.00	69.74 4.80 -2.58	53.51 4.44 -0.60	46.28 4.32 -0.67	43.46 4.10 -0.67	51.97 4.35 -6.87	48.38 5.04 -0.27	49.28 4.72 -0.09	47.70 4.74 0.00	47.52 4.78 0.00	47.29 4.82 0.00	48.52 4.78 -0.10	53.60 4.59 -3.77	58.00 4.75 -4.42	89.99 7.30 -8.60	125.09 8.67 -11.64	55.68 4.20 -1.84	48.97 3.58 -0.21	44.96 3.29 -0.09
SOUTHOLD__IC 23719	36.60 2.85 -2.21	33.30 2.82 -0.46	35.88 2.67 0.00	37.53 2.60 0.00	39.41 2.47 0.00	48.71 3.21 0.00	69.74 4.81 -2.58	53.53 4.45 -0.60	46.28 4.33 -0.67	43.47 4.11 -0.67	51.98 4.35 -6.87	48.39 5.06 -0.27	49.27 4.71 -0.09	47.71 4.75 0.00	47.52 4.78 0.00	47.29 4.82 0.00	48.52 4.77 -0.10	53.61 4.60 -3.77	57.99 4.74 -4.42	89.99 7.30 -8.60	125.09 8.67 -11.64	55.68 4.20 -1.84	48.97 3.59 -0.21	44.95 3.29 -0.09
SOUTH_FORK_WT_PWR 323839	36.53 2.78 -2.21	33.26 2.79 -0.46	35.83 2.62 0.00	37.47 2.54 0.00	39.28 2.34 0.00	48.77 3.27 0.00	69.96 5.02 -2.59	53.70 4.62 -0.60	46.42 4.46 -0.67	43.60 4.24 -0.67	52.12 4.50 -6.86	48.54 5.21 -0.27	49.42 4.85 -0.09	47.85 4.88 0.00	47.65 4.91 0.00	47.42 4.95 0.00	48.66 4.91 -0.10	53.75 4.74 -3.77	58.17 4.92 -4.43	90.27 7.58 -8.60	125.47 9.04 -11.64	55.84 4.36 -1.84	49.11 3.72 -0.21	44.97 3.30 -0.09
SPIERFLS_115KV_TB 1 80737	32.42 0.88 0.00	31.08 1.07 0.00	34.44 1.23 0.00	36.22 1.29 0.00	38.28 1.34 0.00	47.16 1.66 0.00	64.54 2.19 0.00	50.32 1.85 0.00	43.42 1.52 0.00	40.11 1.42 0.00	42.09 1.33 0.00	44.40 1.34 0.00	45.77 1.30 0.00	43.80 0.83 0.00	43.59 0.85 0.00	42.98 0.52 0.00	44.42 0.78 0.00	46.19 0.94 0.00	50.04 1.22 0.00	76.10 2.01 0.00	107.43 2.65 0.00	50.96 1.33 0.00	46.52 1.34 0.00	42.59 1.02 0.00

ST LAWRENCE____ 23600	31.25 -0.29 0.00	29.75 -0.27 0.00	32.97 -0.24 0.00	34.69 -0.23 0.00	36.70 -0.24 0.00	45.29 -0.21 0.00	62.01 -0.33 0.00	48.09 -0.39 0.00	41.45 -0.44 0.00	38.36 -0.32 0.00	40.66 -0.10 0.00	42.98 -0.07 0.00	44.37 -0.10 0.00	42.93 -0.03 0.00	42.71 -0.03 0.00	42.41 -0.05 0.00	43.57 -0.07 0.00	45.15 -0.09 0.00	48.73 -0.09 0.00	73.81 -0.27 0.00	104.53 -0.25 0.00	49.54 -0.10 0.00	45.01 -0.17 0.00	41.50 -0.07 0.00
STATE_CA_115KV_115_LB 55624	32.29 0.75 0.00	30.91 0.90 0.00	34.18 0.97 0.00	35.95 1.02 0.00	37.98 1.04 0.00	46.58 1.08 0.00	63.70 1.35 0.00	49.88 1.41 0.00	43.11 1.21 0.00	39.89 1.21 0.00	41.89 1.13 0.00	44.28 1.22 0.00	45.70 1.24 0.00	44.05 1.09 0.00	43.87 1.13 0.00	43.65 1.18 0.00	44.80 1.16 0.00	46.47 1.23 0.00	50.11 1.29 0.00	75.90 1.81 0.00	107.04 2.27 0.00	50.76 1.13 0.00	46.15 0.97 0.00	42.42 0.85 0.00
STATE_ST_34_KV_LOAD 55959	31.51 -0.03 0.00	29.88 -0.13 0.00	33.05 -0.16 0.00	34.77 -0.16 0.00	36.81 -0.12 0.00	45.38 -0.12 0.00	62.46 0.11 0.00	45.90 0.03 2.61	41.90 0.00 0.00	38.45 -0.23 0.00	40.07 -0.69 0.00	42.14 -0.92 0.00	43.66 -0.81 0.00	42.18 -0.78 0.00	41.94 -0.80 0.00	41.70 -0.77 0.00	42.81 -0.83 0.00	44.58 -0.71 -0.05	48.26 -0.56 0.00	73.91 -0.18 0.00	104.90 0.12 0.00	49.52 -0.11 0.00	44.97 -0.20 0.00	41.35 -0.22 0.00
STATION_5_MISC_HYD 23604	31.65 0.11 0.00	29.87 -0.15 0.00	33.06 -0.15 0.00	34.73 -0.20 0.00	36.76 -0.18 0.00	45.43 -0.07 0.00	62.41 0.06 0.00	43.05 -0.22 5.21	41.64 -0.25 0.00	38.11 -0.57 0.00	39.96 -0.81 0.00	42.15 -0.91 0.00	43.85 -0.62 0.00	42.53 -0.43 0.00	42.19 -0.55 0.00	41.63 -0.84 0.00	42.56 -1.09 0.00	44.01 -1.23 0.00	47.87 -0.95 0.00	73.41 -0.68 0.00	104.13 -0.65 0.00	48.99 -0.65 0.00	44.46 -0.72 0.00	41.07 -0.50 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.63 0.09 0.00	29.88 -0.14 0.00	33.07 -0.14 0.00	34.77 -0.16 0.00	36.81 -0.13 0.00	45.45 -0.04 0.00	62.58 0.23 0.00	43.84 0.04 4.67	41.87 -0.03 0.00	38.30 -0.38 0.00	40.03 -0.73 0.00	42.17 -0.89 0.00	43.80 -0.67 0.00	42.44 -0.53 0.00	42.14 -0.60 0.00	41.67 -0.80 0.00	42.66 -0.97 0.00	44.19 -1.05 0.00	48.07 -0.75 0.00	73.81 -0.28 0.00	104.76 -0.02 0.00	49.31 -0.33 0.00	44.76 -0.42 0.00	41.25 -0.31 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.61 0.06 0.00	29.84 -0.17 0.00	33.03 -0.18 0.00	34.70 -0.23 0.00	36.72 -0.21 0.00	45.36 -0.14 0.00	62.34 -0.01 0.00	43.23 -0.22 5.02	41.64 -0.26 0.00	38.12 -0.57 0.00	39.96 -0.80 0.00	42.16 -0.90 0.00	43.84 -0.63 0.00	42.50 -0.46 0.00	42.18 -0.56 0.00	41.65 -0.82 0.00	42.58 -1.06 0.00	44.06 -1.18 0.00	47.92 -0.90 0.00	73.45 -0.63 0.00	104.15 -0.63 0.00	49.00 -0.63 0.00	44.48 -0.70 0.00	41.06 -0.51 0.00
STA_56____34_KV_BUS2 355983	31.61 0.06 0.00	29.84 -0.17 0.00	33.03 -0.18 0.00	34.70 -0.23 0.00	36.72 -0.21 0.00	45.36 -0.14 0.00	62.34 -0.01 0.00	43.23 -0.22 5.02	41.64 -0.26 0.00	38.12 -0.57 0.00	39.96 -0.80 0.00	42.16 -0.90 0.00	43.84 -0.63 0.00	42.50 -0.46 0.00	42.18 -0.56 0.00	41.65 -0.82 0.00	42.58 -1.06 0.00	44.06 -1.18 0.00	47.92 -0.90 0.00	73.45 -0.63 0.00	104.15 -0.63 0.00	49.00 -0.63 0.00	44.48 -0.70 0.00	41.06 -0.51 0.00
STA_67____115KV_BK2 355882	31.57 0.03 0.00	29.80 -0.21 0.00	32.99 -0.22 0.00	34.67 -0.27 0.00	36.68 -0.25 0.00	45.32 -0.18 0.00	62.26 -0.09 0.00	42.96 -0.31 5.20	41.55 -0.35 0.00	38.02 -0.66 0.00	39.86 -0.90 0.00	42.05 -1.01 0.00	43.75 -0.72 0.00	42.43 -0.54 0.00	42.10 -0.64 0.00	41.54 -0.93 0.00	42.46 -1.18 0.00	43.90 -1.34 0.00	47.75 -1.07 0.00	73.22 -0.86 0.00	103.88 -0.90 0.00	48.87 -0.76 0.00	44.37 -0.81 0.00	40.98 -0.59 0.00
STA_7____115KV_9TRANS 80674	31.83 0.28 0.00	30.02 0.01 0.00	33.23 0.02 0.00	34.91 -0.02 0.00	36.94 0.01 0.00	45.67 0.17 0.00	62.75 0.41 0.00	43.35 0.07 5.20	41.86 -0.03 0.00	38.31 -0.37 0.00	40.16 -0.60 0.00	42.36 -0.69 0.00	44.08 -0.39 0.00	42.75 -0.22 0.00	42.41 -0.33 0.00	41.84 -0.63 0.00	42.78 -0.86 0.00	44.25 -0.99 0.00	48.18 -0.64 0.00	73.92 -0.17 0.00	104.79 0.01 0.00	49.28 -0.36 0.00	44.72 -0.46 0.00	41.29 -0.28 0.00
STA_82____115KV_TB1 80780	31.54 0.00 0.00	29.77 -0.24 0.00	32.95 -0.26 0.00	34.63 -0.30 0.00	36.64 -0.30 0.00	45.27 -0.23 0.00	62.18 -0.16 0.00	42.87 -0.37 5.24	41.50 -0.40 0.00	37.97 -0.71 0.00	39.81 -0.95 0.00	42.01 -1.05 0.00	43.69 -0.78 0.00	42.36 -0.60 0.00	42.04 -0.70 0.00	41.48 -0.98 0.00	42.41 -1.23 0.00	43.84 -1.40 0.00	47.68 -1.14 0.00	73.14 -0.95 0.00	103.73 -1.05 0.00	48.82 -0.81 0.00	44.32 -0.86 0.00	40.94 -0.63 0.00
STEEL____WIND 323596	30.37 -1.17 0.00	28.43 -1.58 0.00	31.61 -1.60 0.00	33.23 -1.70 0.00	35.14 -1.80 0.00	43.46 -2.04 0.00	59.64 -2.71 0.00	35.78 -2.58 10.12	39.85 -2.05 0.00	36.30 -2.38 0.00	38.17 -2.59 0.00	40.29 -2.77 0.00	42.22 -2.25 0.00	40.94 -2.03 0.00	40.46 -2.28 0.00	39.53 -2.94 0.00	40.11 -3.53 0.00	40.74 -4.12 0.38	44.81 -4.01 0.00	69.22 -4.86 0.00	98.81 -5.97 0.00	46.34 -3.30 0.00	42.16 -3.02 0.00	39.28 -2.29 0.00
STEPHTWN_115KV_BK_2 55603	32.47 0.93 0.00	31.07 1.05 0.00	34.38 1.16 0.00	36.14 1.20 0.00	38.17 1.23 0.00	46.86 1.36 0.00	64.16 1.81 0.00	50.23 1.75 0.00	43.40 1.50 0.00	40.15 1.46 0.00	42.18 1.42 0.00	44.59 1.53 0.00	46.06 1.59 0.00	44.37 1.40 0.00	44.14 1.40 0.00	43.92 1.45 0.00	45.11 1.48 0.00	46.81 1.57 0.00	50.49 1.67 0.00	76.50 2.42 0.00	107.87 3.09 0.00	51.13 1.49 0.00	46.45 1.27 0.00	42.69 1.12 0.00
STEBEN_REC_LFGE 323667	29.69 -1.85 0.00	27.58 -2.44 0.00	30.80 -2.41 0.00	32.50 -2.43 0.00	34.38 -2.56 0.00	42.66 -2.84 0.00	59.50 -2.85 0.00	31.36 -2.13 14.98	39.60 -2.30 0.00	36.47 -2.22 0.00	38.34 -2.42 0.00	40.33 -2.73 0.00	42.12 -2.35 0.00	40.60 -2.36 0.00	39.91 -2.83 0.00	38.75 -3.71 0.00	39.41 -4.23 0.00	41.05 -5.03 -0.84	43.87 -4.96 0.00	70.28 -3.81 0.00	102.95 -1.84 0.00	48.29 -1.34 0.00	43.89 -1.28 0.00	40.64 -0.93 0.00
STILLWATER____SOLAR 323814	32.74 1.20 0.00	31.31 1.29 0.00	34.67 1.46 0.00	36.44 1.51 0.00	38.50 1.57 0.00	47.36 1.87 0.00	64.83 2.48 0.00	50.56 2.09 0.00	43.65 1.75 0.00	40.34 1.66 0.00	42.40 1.64 0.00	44.77 1.71 0.00	46.18 1.71 0.00	44.36 1.40 0.00	44.15 1.41 0.00	43.77 1.30 0.00	45.10 1.46 0.00	46.85 1.61 0.00	50.72 1.90 0.00	77.01 2.92 0.00	108.62 3.84 0.00	51.52 1.88 0.00	46.87 1.69 0.00	42.99 1.42 0.00
STONY____BROOK 24151	36.00 2.23 -2.22	32.64 2.17 -0.46	35.21 2.00 0.00	36.85 1.91 0.00	38.80 1.87 0.00	47.26 1.76 0.00	66.61 2.40 -1.85	51.43 2.53 -0.43	44.61 2.67 -0.04	41.79 2.62 -0.48	50.55 2.89 -6.90	46.77 3.45 -0.26	47.66 3.12 -0.07	46.14 3.17 0.00	46.00 3.26 0.00	45.76 3.29 0.00	46.92 3.21 -0.07	50.82 2.88 -2.70	54.78 2.78 -3.18	84.38 4.13 -6.17	117.61 4.47 -8.35	53.18 2.22 -1.32	47.37 2.04 -0.15	43.81 2.17 -0.07

STURGEON_POOL_HYD 23609	33.15 1.61 0.00	31.56 1.54 0.00	34.78 1.57 0.00	36.50 1.57 0.00	38.50 1.56 0.00	47.37 1.87 0.00	65.08 2.73 0.00	50.87 2.39 0.00	44.16 2.27 0.00	40.96 2.27 0.00	43.14 2.38 0.00	45.71 2.65 0.00	47.17 2.70 0.00	45.37 2.40 0.00	45.13 2.39 0.00	44.96 2.49 0.00	46.26 2.63 0.00	47.84 2.60 0.00	51.33 2.51 0.00	77.80 3.71 0.00	109.80 5.02 0.00	52.01 2.37 0.00	47.38 2.21 0.00	43.37 1.80 0.00
ST_LAW_115_BK7_LBMP 345037	31.22 -0.32 0.00	29.72 -0.30 0.00	32.94 -0.28 0.00	34.66 -0.27 0.00	36.67 -0.27 0.00	45.26 -0.24 0.00	61.94 -0.41 0.00	48.03 -0.45 0.00	41.40 -0.50 0.00	38.31 -0.37 0.00	40.62 -0.13 0.00	42.95 -0.11 0.00	44.33 -0.14 0.00	42.90 -0.06 0.00	42.69 -0.05 0.00	42.38 -0.09 0.00	43.53 -0.11 0.00	45.11 -0.13 0.00	48.68 -0.14 0.00	73.73 -0.36 0.00	104.44 -0.34 0.00	49.48 -0.15 0.00	44.96 -0.22 0.00	41.46 -0.11 0.00
ST_LAW_115_BK8_LBMP 345038	31.22 -0.32 0.00	29.72 -0.30 0.00	32.94 -0.28 0.00	34.66 -0.27 0.00	36.67 -0.27 0.00	45.26 -0.24 0.00	61.94 -0.41 0.00	48.03 -0.45 0.00	41.40 -0.50 0.00	38.31 -0.37 0.00	40.62 -0.13 0.00	42.95 -0.11 0.00	44.33 -0.14 0.00	42.90 -0.06 0.00	42.69 -0.05 0.00	42.38 -0.09 0.00	43.53 -0.11 0.00	45.11 -0.13 0.00	48.68 -0.14 0.00	73.73 -0.36 0.00	104.44 -0.34 0.00	49.48 -0.15 0.00	44.96 -0.22 0.00	41.46 -0.11 0.00
ST_LAW_230_BK5_LBMP 345035	31.25 -0.29 0.00	29.75 -0.27 0.00	32.97 -0.24 0.00	34.69 -0.23 0.00	36.70 -0.24 0.00	45.29 -0.21 0.00	62.01 -0.33 0.00	48.09 -0.39 0.00	41.45 -0.44 0.00	38.36 -0.32 0.00	40.66 -0.10 0.00	42.98 -0.07 0.00	44.37 -0.10 0.00	42.93 -0.03 0.00	42.71 -0.03 0.00	42.41 -0.05 0.00	43.57 -0.07 0.00	45.15 -0.09 0.00	48.73 -0.09 0.00	73.81 -0.27 0.00	104.53 -0.25 0.00	49.54 -0.10 0.00	45.01 -0.17 0.00	41.50 -0.07 0.00
ST_LAW_230_BK6_LBMP 345036	31.25 -0.29 0.00	29.75 -0.27 0.00	32.97 -0.24 0.00	34.69 -0.23 0.00	36.70 -0.24 0.00	45.29 -0.21 0.00	62.01 -0.33 0.00	48.09 -0.39 0.00	41.45 -0.44 0.00	38.36 -0.32 0.00	40.66 -0.10 0.00	42.98 -0.07 0.00	44.37 -0.10 0.00	42.93 -0.03 0.00	42.71 -0.03 0.00	42.41 -0.05 0.00	43.57 -0.07 0.00	45.15 -0.09 0.00	48.73 -0.09 0.00	73.81 -0.27 0.00	104.53 -0.25 0.00	49.54 -0.10 0.00	45.01 -0.17 0.00	41.50 -0.07 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.05 1.51 0.00	31.46 1.45 0.00	34.66 1.45 0.00	36.38 1.45 0.00	38.37 1.43 0.00	47.23 1.73 0.00	64.96 2.61 0.00	51.84 2.27 -1.10	44.02 2.12 0.00	40.78 2.09 0.00	42.90 2.14 0.00	45.45 2.39 0.00	46.92 2.45 0.00	45.16 2.20 0.00	44.92 2.18 0.00	44.74 2.27 0.00	46.04 2.40 0.00	47.63 2.39 0.00	51.17 2.35 0.00	77.63 3.55 0.00	109.61 4.83 0.00	51.85 2.22 0.00	47.25 2.07 0.00	43.25 1.68 0.00
SWANROAD_115KV_TB1 355699	29.87 -1.67 0.00	28.00 -2.01 0.00	31.11 -2.10 0.00	32.67 -2.27 0.00	34.54 -2.39 0.00	42.59 -2.91 0.00	58.13 -4.21 0.00	35.76 -3.84 8.87	38.72 -3.18 0.00	35.35 -3.34 0.00	37.28 -3.48 0.00	39.37 -3.69 0.00	41.23 -3.24 0.00	40.09 -2.88 0.00	39.65 -3.09 0.00	38.78 -3.69 0.00	39.20 -4.45 0.00	39.78 -5.17 0.29	43.62 -5.20 0.00	67.06 -7.03 0.00	95.35 -9.43 0.00	44.85 -4.79 0.00	40.93 -4.25 0.00	38.28 -3.29 0.00
SYNERGY___BIOGAS 323694	31.35 -0.19 0.00	29.45 -0.56 0.00	32.67 -0.55 0.00	34.32 -0.62 0.00	36.31 -0.63 0.00	44.90 -0.59 0.00	61.68 -0.67 0.00	40.22 -0.91 7.34	40.85 -1.04 0.00	36.97 -1.72 0.00	38.71 -2.04 0.00	40.75 -2.31 0.00	42.57 -1.91 0.00	41.36 -1.60 0.00	41.05 -1.69 0.00	40.23 -2.24 0.00	40.89 -2.75 0.00	41.86 -3.19 0.19	46.08 -2.74 0.00	71.54 -2.55 0.00	102.03 -2.75 0.00	47.95 -1.69 0.00	43.54 -1.63 0.00	40.43 -1.14 0.00
SYRACUSE___ENERGY_ST1 323597	31.26 -0.28 0.00	29.67 -0.35 0.00	32.80 -0.41 0.00	34.50 -0.43 0.00	36.52 -0.42 0.00	45.01 -0.48 0.00	61.84 -0.51 0.00	46.66 -0.41 1.41	41.53 -0.37 0.00	38.18 -0.51 0.00	39.97 -0.79 0.00	42.13 -0.93 0.00	43.58 -0.89 0.00	42.11 -0.85 0.00	41.90 -0.84 0.00	41.68 -0.79 0.00	42.81 -0.82 0.00	44.44 -0.79 0.00	48.08 -0.74 0.00	73.34 -0.75 0.00	103.87 -0.91 0.00	49.09 -0.54 0.00	44.62 -0.56 0.00	41.02 -0.56 0.00
SYRACUSE___ENERGY_ST2 323598	31.26 -0.28 0.00	29.67 -0.35 0.00	32.80 -0.41 0.00	34.50 -0.43 0.00	36.52 -0.42 0.00	45.01 -0.48 0.00	61.84 -0.51 0.00	46.66 -0.41 1.41	41.53 -0.37 0.00	38.18 -0.51 0.00	39.97 -0.79 0.00	42.13 -0.93 0.00	43.58 -0.89 0.00	42.11 -0.85 0.00	41.90 -0.84 0.00	41.68 -0.79 0.00	42.81 -0.82 0.00	44.44 -0.79 0.00	48.08 -0.74 0.00	73.34 -0.75 0.00	103.87 -0.91 0.00	49.09 -0.54 0.00	44.62 -0.56 0.00	41.02 -0.56 0.00
SYRACUSE___POWER 24017	31.32 -0.22 0.00	29.72 -0.29 0.00	32.85 -0.36 0.00	34.56 -0.37 0.00	36.57 -0.37 0.00	45.07 -0.43 0.00	61.95 -0.41 0.00	48.16 -0.32 0.00	41.64 -0.25 0.00	38.27 -0.42 0.00	40.08 -0.68 0.00	42.25 -0.81 0.00	43.71 -0.76 0.00	42.24 -0.73 0.00	42.03 -0.72 0.00	41.78 -0.68 0.00	42.93 -0.71 0.00	44.58 -0.66 0.00	48.22 -0.60 0.00	73.52 -0.57 0.00	104.07 -0.71 0.00	49.19 -0.45 0.00	44.72 -0.46 0.00	41.09 -0.48 0.00
TALLMAN__138KV_BK151 55660	33.09 1.55 0.00	31.50 1.49 0.00	34.67 1.46 0.00	36.40 1.46 0.00	38.37 1.43 0.00	47.24 1.74 0.00	64.88 2.53 0.00	50.71 2.23 0.00	43.98 2.08 0.00	40.76 2.07 0.00	42.87 2.11 0.00	45.45 2.39 0.00	46.93 2.46 0.00	45.15 2.19 0.00	44.92 2.18 0.00	44.75 2.28 0.00	46.05 2.41 0.00	47.62 2.38 0.00	51.13 2.31 0.00	77.61 3.52 0.00	109.56 4.78 0.00	51.80 2.17 0.00	47.19 2.01 0.00	43.19 1.62 0.00
TEALLAVE_115KV_TB7 355573	31.17 -0.38 0.00	29.58 -0.44 0.00	32.69 -0.53 0.00	34.39 -0.54 0.00	36.38 -0.56 0.00	44.85 -0.65 0.00	61.59 -0.75 0.00	47.89 -0.58 0.00	41.40 -0.49 0.00	38.07 -0.61 0.00	39.92 -0.84 0.00	42.10 -0.96 0.00	43.56 -0.91 0.00	42.11 -0.86 0.00	41.89 -0.85 0.00	41.64 -0.83 0.00	42.78 -0.86 0.00	44.37 -0.86 0.00	47.98 -0.84 0.00	73.12 -0.97 0.00	103.46 -1.32 0.00	48.91 -0.72 0.00	44.47 -0.71 0.00	40.88 -0.69 0.00
TELEGRAPH_34_KV_EAST 80808	30.62 -0.92 0.00	28.74 -1.28 0.00	31.90 -1.31 0.00	33.50 -1.43 0.00	35.43 -1.50 0.00	43.75 -1.75 0.00	59.98 -2.37 0.00	38.21 -2.29 7.98	39.89 -2.01 0.00	36.32 -2.36 0.00	38.16 -2.60 0.00	40.21 -2.85 0.00	42.10 -2.37 0.00	40.90 -2.07 0.00	40.50 -2.24 0.00	39.65 -2.82 0.00	40.17 -3.47 0.00	40.97 -4.04 0.24	44.95 -3.87 0.00	69.37 -4.71 0.00	98.75 -6.03 0.00	46.41 -3.22 0.00	42.25 -2.93 0.00	39.38 -2.19 0.00
TEMPLE___115KV_TB 2 55572	31.19 -0.35 0.00	29.59 -0.42 0.00	32.71 -0.50 0.00	34.40 -0.53 0.00	36.41 -0.52 0.00	44.88 -0.62 0.00	61.63 -0.72 0.00	47.92 -0.56 0.00	41.43 -0.46 0.00	38.10 -0.59 0.00	39.95 -0.81 0.00	42.13 -0.93 0.00	43.59 -0.88 0.00	42.14 -0.82 0.00	41.91 -0.83 0.00	41.68 -0.79 0.00	42.80 -0.84 0.00	44.41 -0.83 0.00	48.01 -0.81 0.00	73.15 -0.94 0.00	103.54 -1.24 0.00	48.93 -0.70 0.00	44.49 -0.69 0.00	40.89 -0.68 0.00

TIANA___69_KV_BK 1 55817	36.45 2.70 -2.21	33.11 2.64 -0.46	35.69 2.48 0.00	37.35 2.42 0.00	39.28 2.34 0.00	48.17 2.67 0.00	68.79 3.85 -2.58	52.76 3.69 -0.60	45.61 3.65 -0.06	42.83 3.47 -0.67	51.30 3.68 -6.87	47.70 4.38 -0.27	48.63 4.06 -0.09	47.06 4.09 0.00	46.88 4.14 0.00	46.65 4.19 0.00	47.87 4.12 -0.10	52.93 3.92 -3.77	57.23 3.98 -4.42	88.79 6.10 -8.60	123.37 6.95 -11.64	54.92 3.45 -1.84	48.31 2.93 -0.21	44.58 2.92 -0.09
TILDEN___115KV_TB1 80814	31.32 -0.22 0.00	29.72 -0.29 0.00	32.85 -0.36 0.00	34.56 -0.37 0.00	36.57 -0.37 0.00	45.07 -0.43 0.00	61.95 -0.41 0.00	48.16 -0.32 0.00	41.64 -0.25 0.00	38.27 -0.42 0.00	40.08 -0.68 0.00	42.25 -0.81 0.00	43.71 -0.76 0.00	42.24 -0.73 0.00	42.03 -0.72 0.00	41.78 -0.68 0.00	42.93 -0.71 0.00	44.58 -0.66 0.00	48.22 -0.60 0.00	73.52 -0.57 0.00	104.07 -0.71 0.00	49.19 -0.45 0.00	44.72 -0.46 0.00	41.09 -0.48 0.00
TRIGEN___CC 323695	37.51 2.12 -3.84	32.86 2.05 -0.79	35.15 1.94 0.00	36.83 1.90 0.00	38.82 1.88 0.00	47.43 1.93 0.00	64.91 2.56 0.00	50.99 2.51 0.00	44.47 2.57 0.00	41.25 2.57 0.00	55.56 2.87 -11.93	46.63 3.22 -0.35	47.52 3.05 0.00	45.93 2.97 0.00	45.73 2.99 0.00	45.55 3.08 0.00	46.73 3.09 0.00	48.10 2.86 0.00	51.62 2.80 0.00	78.18 4.09 0.00	109.65 4.86 0.00	51.99 2.35 0.00	47.41 2.23 0.00	43.70 2.13 0.00
TRINITY___115KV___4 BK 55933	32.17 0.63 0.00	30.79 0.78 0.00	34.06 0.85 0.00	35.82 0.88 0.00	37.83 0.89 0.00	46.39 0.90 0.00	63.40 1.05 0.00	49.62 1.14 0.00	42.89 1.00 0.00	39.69 1.00 0.00	41.68 0.92 0.00	44.07 1.01 0.00	45.49 1.02 0.00	43.84 0.87 0.00	43.65 0.91 0.00	43.45 0.98 0.00	44.60 0.96 0.00	46.24 1.01 0.00	49.85 1.03 0.00	75.51 1.43 0.00	106.50 1.72 0.00	50.53 0.90 0.00	45.96 0.78 0.00	42.25 0.67 0.00
UNION___PROCESSING_DRP 323587	31.54 0.00 0.00	29.77 -0.24 0.00	32.96 -0.25 0.00	34.63 -0.30 0.00	36.65 -0.29 0.00	45.27 -0.23 0.00	62.20 -0.15 0.00	42.87 -0.36 5.24	41.51 -0.39 0.00	37.97 -0.71 0.00	39.81 -0.95 0.00	42.01 -1.05 0.00	43.70 -0.77 0.00	42.37 -0.60 0.00	42.05 -0.69 0.00	41.49 -0.98 0.00	42.41 -1.23 0.00	43.84 -1.40 0.00	47.69 -1.13 0.00	73.14 -0.95 0.00	103.78 -1.00 0.00	48.83 -0.80 0.00	44.32 -0.85 0.00	40.95 -0.63 0.00
UPPER HUDSON___HYD 24058	32.42 0.88 0.00	31.08 1.07 0.00	34.44 1.23 0.00	36.22 1.29 0.00	38.28 1.34 0.00	47.16 1.66 0.00	64.54 2.19 0.00	50.32 1.85 0.00	43.42 1.52 0.00	40.11 1.42 0.00	42.09 1.33 0.00	44.40 1.34 0.00	45.77 1.30 0.00	43.80 0.83 0.00	43.59 0.85 0.00	42.99 0.52 0.00	44.42 0.78 0.00	46.18 0.94 0.00	50.04 1.22 0.00	76.10 2.01 0.00	107.42 2.64 0.00	50.96 1.33 0.00	46.53 1.35 0.00	42.59 1.02 0.00
UPPER RAQUET___HYD 24056	30.10 -1.44 0.00	28.66 -1.36 0.00	31.81 -1.40 0.00	33.61 -1.33 0.00	35.62 -1.32 0.00	43.98 -1.52 0.00	60.33 -2.02 0.00	46.77 -1.71 0.00	40.12 -1.77 0.00	36.99 -1.69 0.00	39.23 -1.52 0.00	41.46 -1.60 0.00	42.71 -1.76 0.00	41.37 -1.59 0.00	41.24 -1.50 0.00	40.96 -1.51 0.00	42.16 -1.48 0.00	43.78 -1.46 0.00	47.22 -1.60 0.00	72.07 -2.01 0.00	102.65 -2.13 0.00	48.65 -0.99 0.00	43.99 -1.19 0.00	40.60 -0.97 0.00
VALLEY44_115KV_TB2 355964	30.36 -1.18 0.00	28.55 -1.47 0.00	31.70 -1.51 0.00	33.31 -1.62 0.00	35.24 -1.70 0.00	43.50 -2.00 0.00	59.86 -2.49 0.00	34.88 -2.17 11.43	40.03 -1.87 0.00	36.56 -2.13 0.00	38.28 -2.48 0.00	40.46 -2.60 0.00	42.52 -1.95 0.00	41.32 -1.65 0.00	40.84 -1.90 0.00	40.07 -2.40 0.00	40.75 -2.89 0.00	41.50 -3.43 0.32	45.31 -3.51 0.00	70.34 -3.75 0.00	100.46 -4.32 0.00	46.92 -2.72 0.00	42.59 -2.59 0.00	39.40 -2.18 0.00
VALLEY___115KV_TB 1-4 80826	32.13 0.59 0.00	30.58 0.57 0.00	33.89 0.68 0.00	35.61 0.67 0.00	37.63 0.70 0.00	46.25 0.75 0.00	63.38 1.03 0.00	49.38 0.91 0.00	42.63 0.73 0.00	39.28 0.60 0.00	41.08 0.32 0.00	43.18 0.12 -0.02	44.45 -0.23 0.00	42.73 -0.33 0.00	42.41 -0.34 0.00	42.13 -0.34 0.00	43.48 -0.15 0.00	45.55 0.31 0.00	49.57 0.75 0.00	75.64 1.56 0.00	106.89 2.11 0.00	50.66 1.03 0.00	46.25 1.07 0.00	42.39 0.82 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.86 1.32 0.00	31.26 1.24 0.00	34.61 1.40 0.00	36.38 1.45 0.00	38.45 1.52 0.00	47.41 1.91 0.00	65.01 2.66 0.00	53.55 2.10 -2.97	43.72 1.82 0.00	40.35 1.67 0.00	42.35 1.59 0.00	44.66 1.60 0.00	46.13 1.66 0.00	44.49 1.52 0.00	44.26 1.52 0.00	44.08 1.61 0.00	45.39 1.75 0.00	47.00 1.76 0.00	50.85 2.03 0.00	77.15 3.06 0.00	108.90 4.11 0.00	51.57 1.93 0.00	46.94 1.77 0.00	43.08 1.51 0.00
VISCHER___FERRY HYD 24020	32.52 0.98 0.00	31.12 1.11 0.00	34.44 1.23 0.00	36.20 1.27 0.00	38.24 1.31 0.00	46.98 1.48 0.00	64.14 1.79 0.00	50.12 1.65 0.00	43.30 1.40 0.00	40.07 1.39 0.00	42.13 1.37 0.00	44.56 1.50 0.00	45.99 1.51 0.00	44.26 1.30 0.00	44.07 1.33 0.00	43.80 1.33 0.00	45.06 1.42 0.00	46.69 1.45 0.00	50.43 1.61 0.00	76.45 2.36 0.00	107.76 2.98 0.00	51.17 1.53 0.00	46.53 1.35 0.00	42.73 1.16 0.00
V_A_10_SYNC_DSASP 323832	30.47 -1.08 0.00	28.65 -1.37 0.00	31.77 -1.44 0.00	33.37 -1.56 0.00	35.27 -1.66 0.00	43.51 -1.99 0.00	59.59 -2.76 0.00	38.18 -2.59 7.71	39.74 -2.15 0.00	36.33 -2.36 0.00	38.19 -2.57 0.00	40.32 -2.74 0.00	42.15 -2.32 0.00	40.96 -2.01 0.00	40.59 -2.15 0.00	39.82 -2.65 0.00	40.44 -3.20 0.00	41.28 -3.74 0.22	45.08 -3.74 0.00	69.22 -4.86 0.00	98.39 -6.39 0.00	46.22 -3.42 0.00	42.07 -3.11 0.00	39.18 -2.39 0.00
V_CMM_10_SYNC_DSASP 323787	31.35 -0.19 0.00	29.85 -0.16 0.00	33.07 -0.13 0.00	34.80 -0.13 0.00	36.82 -0.11 0.00	45.46 -0.04 0.00	62.10 -0.25 0.00	48.11 -0.36 0.00	41.48 -0.42 0.00	38.45 -0.23 0.00	40.79 0.03 0.00	43.13 0.07 0.00	44.51 0.04 0.00	43.08 0.11 0.00	42.86 0.12 0.00	42.55 0.09 0.00	43.71 0.07 0.00	45.27 0.03 0.00	48.78 -0.04 0.00	73.80 -0.29 0.00	104.53 -0.25 0.00	49.54 -0.09 0.00	45.02 -0.15 0.00	41.59 0.02 0.00
V_CMP_10_SYNC_DSASP 323788	31.25 -0.29 0.00	29.93 -0.08 0.00	33.26 0.05 0.00	35.03 0.10 0.00	37.03 0.10 0.00	45.74 0.24 0.00	62.53 0.18 0.00	48.40 -0.08 0.00	41.77 -0.13 0.00	38.83 0.14 0.00	41.07 0.32 0.00	43.42 0.37 0.00	44.82 0.35 0.00	43.35 0.38 0.00	43.20 0.46 0.00	43.02 0.55 0.00	44.18 0.55 0.00	45.75 0.51 0.00	49.41 0.59 0.00	74.57 0.48 0.00	105.47 0.69 0.00	50.30 0.66 0.00	45.89 0.72 0.00	42.28 0.71 0.00
V_D_10_SYNC_DSASP 323841	31.34 -0.20 0.00	29.82 -0.19 0.00	33.06 -0.15 0.00	34.80 -0.13 0.00	36.83 -0.10 0.00	45.47 -0.03 0.00	62.21 -0.14 0.00	48.28 -0.20 0.00	41.60 -0.29 0.00	38.45 -0.23 0.00	40.77 0.02 0.00	43.11 0.05 0.00	44.47 0.00 0.00	43.04 0.08 0.00	42.85 0.11 0.00	42.56 0.09 0.00	43.73 0.09 0.00	45.35 0.11 0.00	48.94 0.12 0.00	74.34 0.25 0.00	105.48 0.70 0.00	49.96 0.33 0.00	45.29 0.11 0.00	41.81 0.24 0.00

V_E_10_SYNC_DSASP 323830	32.40 0.86 0.00	30.52 0.51 0.00	33.90 0.69 0.00	35.65 0.72 0.00	37.93 0.99 0.00	47.03 1.53 0.00	65.32 2.97 0.00	52.82 2.39 -1.96	44.05 2.15 0.00	40.26 1.58 0.00	41.59 0.84 0.00	43.52 0.47 0.00	45.49 1.02 0.00	43.99 1.02 0.00	43.54 0.79 0.00	43.27 0.80 0.00	44.91 1.27 0.00	47.40 2.11 -0.06	52.28 3.46 0.00	80.33 6.24 0.00	112.84 8.06 0.00	53.10 3.47 0.00	48.50 3.32 0.00	44.47 2.90 0.00
V_F_30_NSYNC_DSASP 323816	32.75 1.21 0.00	31.32 1.30 0.00	34.67 1.47 0.00	36.44 1.51 0.00	38.51 1.58 0.00	47.37 1.87 0.00	64.86 2.52 0.00	50.60 2.12 0.00	43.68 1.78 0.00	40.37 1.68 0.00	42.43 1.67 0.00	44.80 1.74 0.00	46.23 1.76 0.00	44.41 1.45 0.00	44.19 1.45 0.00	43.81 1.34 0.00	45.14 1.50 0.00	46.90 1.66 0.00	50.77 1.95 0.00	77.04 2.95 0.00	108.73 3.95 0.00	51.55 1.91 0.00	46.90 1.73 0.00	43.02 1.45 0.00
V_F_30_SYNC_DSASP 323786	32.29 0.75 0.00	30.90 0.89 0.00	34.18 0.97 0.00	35.94 1.01 0.00	37.97 1.03 0.00	46.58 1.08 0.00	63.70 1.35 0.00	49.87 1.40 0.00	43.10 1.20 0.00	39.88 1.20 0.00	41.88 1.12 0.00	44.26 1.21 0.00	45.70 1.23 0.00	44.05 1.09 0.00	43.85 1.11 0.00	43.65 1.18 0.00	44.79 1.15 0.00	46.46 1.22 0.00	50.10 1.28 0.00	75.90 1.81 0.00	107.02 2.25 0.00	50.76 1.12 0.00	46.14 0.96 0.00	42.41 0.84 0.00
V_XM_10_SYNC_DSASP 323789	31.25 -0.29 0.00	29.93 -0.08 0.00	33.26 0.05 0.00	35.03 0.10 0.00	37.03 0.10 0.00	45.74 0.24 0.00	62.53 0.18 0.00	48.40 -0.08 0.00	41.77 -0.13 0.00	38.83 0.14 0.00	41.07 0.32 0.00	43.42 0.37 0.00	44.82 0.35 0.00	43.35 0.38 0.00	43.20 0.46 0.00	43.02 0.55 0.00	44.18 0.55 0.00	45.75 0.51 0.00	49.41 0.59 0.00	74.57 0.48 0.00	105.47 0.69 0.00	50.30 0.66 0.00	45.89 0.72 0.00	42.28 0.71 0.00
W.BABYLN_69_KV_BK1 56697	36.56 2.54 -2.47	32.96 2.44 -0.51	35.55 2.33 0.00	37.21 2.28 0.00	39.19 2.26 0.00	47.80 2.31 0.00	66.19 3.12 -0.72	51.73 3.09 -0.17	45.03 3.12 -0.02	41.89 3.02 -0.19	51.82 3.39 -7.68	47.15 3.83 -0.26	48.04 3.55 -0.03	46.52 3.56 0.00	46.33 3.59 0.00	46.13 3.67 0.00	47.31 3.64 -0.03	49.65 3.35 -1.06	53.39 3.33 -1.24	81.52 5.02 -2.41	113.94 5.90 -3.26	53.01 2.86 -0.52	47.85 2.62 -0.06	44.21 2.62 -0.03
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.21 1.67 0.00	31.62 1.61 0.00	34.80 1.59 0.00	36.53 1.59 0.00	38.51 1.58 0.00	47.42 1.92 0.00	65.21 2.86 0.00	50.99 2.51 0.00	44.24 2.35 0.00	40.99 2.31 0.00	43.14 2.38 0.00	45.72 2.66 0.00	47.21 2.74 0.00	45.42 2.45 0.00	45.19 2.45 0.00	45.00 2.53 0.00	46.31 2.67 0.00	47.89 2.65 0.00	51.42 2.60 0.00	78.06 3.97 0.00	110.20 5.42 0.00	52.08 2.45 0.00	47.45 2.27 0.00	43.42 1.85 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.37 1.83 0.00	31.76 1.75 0.00	34.91 1.70 0.00	36.63 1.69 0.00	38.61 1.68 0.00	47.52 2.02 0.00	65.33 2.98 0.00	51.15 2.67 0.00	44.55 2.65 0.00	41.34 2.66 0.00	43.50 2.75 0.00	46.08 3.02 0.00	47.53 3.06 0.00	45.73 2.76 0.00	45.50 2.76 0.00	45.32 2.85 0.00	46.60 2.96 0.00	48.17 2.93 0.00	51.62 2.79 0.00	78.17 4.08 0.00	110.27 5.49 0.00	52.13 2.49 0.00	47.55 2.37 0.00	43.54 1.97 0.00
W50THST__13_KV_LOAD 356117	33.51 1.97 0.00	31.89 1.88 0.00	35.06 1.85 0.00	36.77 1.84 0.00	38.77 1.83 0.00	47.72 2.22 0.00	65.65 3.30 0.00	51.41 2.93 0.00	44.80 2.91 0.00	41.59 2.90 0.00	43.77 3.01 0.00	46.35 3.28 0.00	47.82 3.35 0.00	46.02 3.05 0.00	45.79 3.05 0.00	45.60 3.13 0.00	46.87 3.23 0.00	48.45 3.21 0.00	51.91 3.09 0.00	78.60 4.51 0.00	110.84 6.06 0.00	52.38 2.75 0.00	47.77 2.59 0.00	43.73 2.17 0.00
WADING RIVER_IC_1 23522	36.23 2.48 -2.21	32.88 2.41 -0.46	35.45 2.24 0.00	37.09 2.16 0.00	39.04 2.11 0.00	47.69 2.19 0.00	68.03 3.07 -2.61	52.14 3.07 -0.60	45.04 3.08 -0.06	42.30 2.94 -0.68	50.70 3.08 -6.86	47.16 3.83 -0.27	48.06 3.50 -0.09	46.51 3.55 0.00	46.36 3.62 0.00	46.12 3.65 0.00	47.34 3.60 -0.10	52.38 3.35 -3.80	56.64 3.36 -4.46	87.83 5.07 -8.67	121.88 5.37 -11.73	54.31 2.81 -1.85	47.73 2.35 -0.21	44.20 2.54 -0.09
WADING RIVER_IC_2 23547	36.23 2.48 -2.21	32.88 2.41 -0.46	35.45 2.24 0.00	37.09 2.16 0.00	39.04 2.11 0.00	47.69 2.19 0.00	68.03 3.07 -2.61	52.14 3.07 -0.60	45.04 3.08 -0.06	42.30 2.94 -0.68	50.70 3.08 -6.86	47.16 3.83 -0.27	48.06 3.50 -0.09	46.51 3.55 0.00	46.36 3.62 0.00	46.12 3.65 0.00	47.34 3.60 -0.10	52.38 3.35 -3.80	56.64 3.36 -4.46	87.83 5.07 -8.67	121.88 5.37 -11.73	54.31 2.81 -1.85	47.73 2.35 -0.21	44.20 2.54 -0.09
WADING RIVER_IC_3 23601	36.23 2.48 -2.21	32.88 2.41 -0.46	35.45 2.24 0.00	37.09 2.16 0.00	39.04 2.11 0.00	47.69 2.19 0.00	68.03 3.07 -2.61	52.14 3.07 -0.60	45.04 3.08 -0.06	42.30 2.94 -0.68	50.70 3.08 -6.86	47.16 3.83 -0.27	48.06 3.50 -0.09	46.51 3.55 0.00	46.36 3.62 0.00	46.12 3.65 0.00	47.34 3.60 -0.10	52.38 3.35 -3.80	56.64 3.36 -4.46	87.83 5.07 -8.67	121.88 5.37 -11.73	54.31 2.81 -1.85	47.73 2.35 -0.21	44.20 2.54 -0.09
WALDENNY_12_KV_BK2 80841	30.42 -1.11 0.00	28.48 -1.54 0.00	31.66 -1.55 0.00	33.28 -1.65 0.00	35.18 -1.75 0.00	43.48 -2.02 0.00	59.65 -2.70 0.00	35.96 -2.52 9.99	39.89 -2.01 0.00	36.35 -2.33 0.00	38.25 -2.51 0.00	40.37 -2.69 0.00	42.27 -2.20 0.00	41.04 -1.93 0.00	40.56 -2.18 0.00	39.66 -2.81 0.00	40.19 -3.45 0.00	40.81 -4.06 0.37	44.88 -3.94 0.00	69.26 -4.82 0.00	98.81 -5.98 0.00	46.36 -3.27 0.00	42.18 -3.00 0.00	39.28 -2.29 0.00
WALDEN__HYDRO 24148	33.25 1.71 0.00	31.65 1.64 0.00	34.86 1.65 0.00	36.61 1.68 0.00	38.61 1.67 0.00	47.51 2.01 0.00	65.34 2.99 0.00	51.08 2.60 0.00	44.32 2.43 0.00	41.06 2.38 0.00	43.22 2.46 0.00	45.77 2.71 0.00	47.23 2.76 0.00	45.44 2.48 0.00	45.18 2.44 0.00	45.01 2.54 0.00	46.32 2.68 0.00	47.92 2.68 0.00	51.47 2.65 0.00	78.15 4.06 0.00	110.34 5.56 0.00	52.20 2.57 0.00	47.53 2.36 0.00	43.51 1.94 0.00
WARRENSBURG____ 23737	32.42 0.88 0.00	31.08 1.07 0.00	34.44 1.23 0.00	36.22 1.29 0.00	38.28 1.34 0.00	47.16 1.66 0.00	64.54 2.19 0.00	50.32 1.85 0.00	43.42 1.52 0.00	40.11 1.42 0.00	42.09 1.33 0.00	44.40 1.34 0.00	45.77 1.30 0.00	43.80 0.83 0.00	43.59 0.85 0.00	42.98 0.52 0.00	44.42 0.78 0.00	46.19 0.94 0.00	50.04 1.22 0.00	76.10 2.01 0.00	107.43 2.65 0.00	50.96 1.33 0.00	46.52 1.34 0.00	42.59 1.02 0.00
WATERSIDE__6 8 9 23538	33.45 1.91 0.00	31.83 1.81 0.00	34.95 1.74 0.00	36.65 1.72 0.00	38.65 1.71 0.00	47.53 2.03 0.00	65.26 2.91 0.00	51.17 2.69 0.00	44.67 2.77 0.00	41.44 2.75 0.00	43.59 2.83 0.00	46.12 3.06 0.00	47.55 3.08 0.00	45.77 2.80 0.00	45.52 2.79 0.00	45.36 2.89 0.00	46.61 2.97 0.00	48.16 2.93 0.00	51.56 2.74 0.00	78.08 4.00 0.00	110.16 5.38 0.00	52.09 2.45 0.00	47.58 2.40 0.00	43.57 2.00 0.00

WATKINRD_115KV_LN8_ILLLION 55919	32.01 0.47 0.00	30.47 0.45 0.00	33.75 0.54 0.00	35.47 0.54 0.00	37.49 0.55 0.00	46.11 0.61 0.00	63.19 0.84 0.00	49.23 0.75 0.00	42.50 0.60 0.00	39.18 0.50 0.00	41.04 0.29 0.00	43.20 0.14 0.00	44.50 0.03 0.00	42.85 -0.12 0.00	42.55 -0.19 0.00	42.26 -0.20 0.00	43.56 -0.08 0.00	45.49 0.25 0.00	49.39 0.57 0.00	75.27 1.18 0.00	106.37 1.59 0.00	50.42 0.78 0.00	45.98 0.80 0.00	42.18 0.61 0.00
WDELAWARE___HYD 323627	32.82 1.28 0.00	31.39 1.38 0.00	34.64 1.43 0.00	36.39 1.46 0.00	38.41 1.47 0.00	47.33 1.83 0.00	65.13 2.78 0.00	52.21 2.41 -1.32	44.13 2.23 0.00	40.89 2.21 0.00	43.08 2.32 0.00	45.61 2.55 0.00	46.85 2.38 0.00	44.06 1.10 0.00	43.86 1.12 0.00	43.73 1.26 0.00	45.05 1.41 0.00	46.64 1.40 0.00	50.18 1.36 0.00	76.11 2.02 0.00	107.53 2.75 0.00	52.05 2.42 0.00	47.35 2.17 0.00	43.34 1.77 0.00
WEST BABYLON___IC 23714	36.56 2.54 -2.47	32.96 2.44 -0.51	35.55 2.33 0.00	37.21 2.28 0.00	39.19 2.26 0.00	47.80 2.31 0.00	66.19 3.12 -0.72	51.73 3.09 -0.17	45.03 3.12 -0.02	41.89 3.02 -0.19	51.82 3.39 -7.68	47.15 3.83 -0.26	48.04 3.55 -0.03	46.52 3.56 0.00	46.33 3.59 0.00	46.13 3.67 0.00	47.31 3.64 -0.03	49.65 3.35 -1.06	53.39 3.33 -1.24	81.52 5.02 -2.41	113.94 5.90 -3.26	53.01 2.86 -0.52	47.85 2.62 -0.06	44.21 2.62 -0.03
WEST CANADA___HYD 24049	31.64 0.10 0.00	30.13 0.12 0.00	33.34 0.13 0.00	35.06 0.13 0.00	37.06 0.12 0.00	45.63 0.13 0.00	62.54 0.19 0.00	48.67 0.19 0.00	42.08 0.18 0.00	38.86 0.17 0.00	40.87 0.11 0.00	43.15 0.09 0.00	44.56 0.09 0.00	43.01 0.04 0.00	42.78 0.04 0.00	42.53 0.06 0.00	43.73 0.09 0.00	45.38 0.14 0.00	48.98 0.16 0.00	74.38 0.29 0.00	105.13 0.35 0.00	49.82 0.18 0.00	45.35 0.17 0.00	41.69 0.12 0.00
WESTERN_NY_WIND 24143	31.29 -0.25 0.00	29.40 -0.62 0.00	32.60 -0.61 0.00	34.24 -0.69 0.00	36.23 -0.70 0.00	44.81 -0.69 0.00	61.54 -0.81 0.00	39.91 -1.02 7.54	40.77 -1.13 0.00	36.89 -1.79 0.00	38.64 -2.12 0.00	40.67 -2.39 0.00	42.49 -1.98 0.00	41.30 -1.67 0.00	40.98 -1.76 0.00	40.14 -2.32 0.00	40.79 -2.85 0.00	41.74 -3.30 0.20	45.96 -2.86 0.00	71.34 -2.75 0.00	101.76 -3.02 0.00	47.82 -1.82 0.00	43.44 -1.74 0.00	40.35 -1.23 0.00
WESTOVER___LESR 323668	31.73 0.19 0.00	30.11 0.09 0.00	33.33 0.11 0.00	35.04 0.11 0.00	37.05 0.11 0.00	45.67 0.17 0.00	62.80 0.45 0.00	59.30 0.29 -10.53	42.25 0.35 0.00	38.87 0.19 0.00	40.74 -0.02 0.00	42.86 -0.20 0.00	44.41 -0.06 0.00	42.91 -0.05 0.00	42.67 -0.08 0.00	42.38 -0.08 0.00	43.53 -0.11 0.00	45.13 -0.11 0.00	48.82 0.00 0.00	74.52 0.43 0.00	105.56 0.78 0.00	49.83 0.20 0.00	45.33 0.15 0.00	41.64 0.07 0.00
WETHRSFD_WT_PWR 323626	29.62 -1.92 0.00	27.70 -2.32 0.00	30.92 -2.29 0.00	32.60 -2.33 0.00	34.48 -2.45 0.00	42.70 -2.80 0.00	58.93 -3.42 0.00	32.73 -3.10 12.64	39.12 -2.77 0.00	35.63 -3.06 0.00	37.54 -3.22 0.00	39.69 -3.37 0.00	41.57 -2.90 0.00	40.13 -2.84 0.00	39.45 -3.29 0.00	38.48 -3.99 0.00	38.98 -4.66 0.00	39.01 -5.25 0.98	43.85 -4.97 0.00	68.78 -5.30 0.00	99.24 -5.54 0.00	46.53 -3.11 0.00	42.34 -2.84 0.00	39.34 -2.23 0.00
WHAVSTOR_138KV_BK127 55557	33.08 1.54 0.00	31.48 1.47 0.00	34.66 1.45 0.00	36.38 1.45 0.00	38.35 1.42 0.00	47.21 1.71 0.00	64.89 2.54 0.00	50.74 2.26 0.00	44.03 2.13 0.00	40.80 2.12 0.00	42.92 2.16 0.00	45.49 2.43 0.00	46.95 2.48 0.00	45.19 2.23 0.00	44.95 2.21 0.00	44.78 2.31 0.00	46.08 2.44 0.00	47.65 2.41 0.00	51.16 2.34 0.00	77.63 3.54 0.00	109.59 4.81 0.00	51.83 2.20 0.00	47.22 2.04 0.00	43.22 1.65 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.08 1.54 0.00	31.48 1.47 0.00	34.66 1.45 0.00	36.38 1.45 0.00	38.35 1.42 0.00	47.21 1.71 0.00	64.89 2.54 0.00	50.74 2.26 0.00	44.03 2.13 0.00	40.80 2.12 0.00	42.92 2.16 0.00	45.49 2.43 0.00	46.95 2.48 0.00	45.19 2.23 0.00	44.95 2.21 0.00	44.78 2.31 0.00	46.08 2.44 0.00	47.65 2.41 0.00	51.16 2.34 0.00	77.63 3.54 0.00	109.59 4.81 0.00	51.83 2.20 0.00	47.22 2.04 0.00	43.22 1.65 0.00
WHITEHAL_115KV_TB1 80871	33.11 1.57 0.00	31.89 1.87 0.00	35.52 2.30 0.00	37.35 2.42 0.00	39.41 2.47 0.00	48.66 3.16 0.00	66.42 4.08 0.00	51.56 3.08 0.00	44.35 2.45 0.00	40.87 2.19 0.00	42.70 1.94 0.00	45.09 2.03 0.00	46.58 2.11 0.00	44.90 1.94 0.00	44.88 2.14 0.00	43.60 1.13 0.00	45.30 1.66 0.00	47.08 1.84 0.00	50.93 2.11 0.00	77.67 3.58 0.00	109.63 4.84 0.00	52.32 2.68 0.00	47.71 2.53 0.00	43.34 1.77 0.00
WHITEPLN_13_KV_LOAD 356215	33.46 1.92 0.00	31.84 1.83 0.00	35.03 1.82 0.00	36.76 1.83 0.00	38.77 1.83 0.00	47.72 2.22 0.00	65.62 3.27 0.00	51.38 2.91 0.00	44.67 2.77 0.00	41.42 2.74 0.00	43.60 2.84 0.00	46.17 3.11 0.00	47.62 3.15 0.00	45.85 2.88 0.00	45.61 2.87 0.00	45.42 2.95 0.00	46.70 3.06 0.00	48.31 3.07 0.00	51.83 3.01 0.00	78.60 4.51 0.00	110.87 6.09 0.00	52.41 2.77 0.00	47.76 2.58 0.00	43.71 2.14 0.00
WM_FLOYD_69_KV_BK2 356380	36.24 2.49 -2.22	32.89 2.42 -0.46	35.45 2.24 0.00	37.09 2.16 0.00	39.05 2.12 0.00	47.68 2.18 0.00	67.90 3.05 -2.51	52.08 3.02 -0.58	45.04 3.08 -0.06	42.29 2.95 -0.65	50.78 3.15 -6.88	47.14 3.81 -0.27	48.06 3.50 -0.09	46.50 3.53 0.00	46.35 3.61 0.00	46.11 3.64 0.00	47.32 3.58 -0.10	52.22 3.33 -3.65	56.45 3.34 -4.29	87.50 5.07 -8.34	121.64 5.57 -11.28	54.24 2.81 -1.78	47.81 2.43 -0.20	44.22 2.56 -0.09
WOODARD__115KV_TB2 355635	31.09 -0.45 0.00	29.50 -0.51 0.00	32.61 -0.60 0.00	34.30 -0.63 0.00	36.30 -0.63 0.00	44.74 -0.76 0.00	61.43 -0.92 0.00	47.77 -0.71 0.00	41.29 -0.61 0.00	37.97 -0.71 0.00	39.83 -0.93 0.00	42.00 -1.06 0.00	43.46 -1.02 0.00	41.99 -0.97 0.00	41.78 -0.96 0.00	41.53 -0.93 0.00	42.67 -0.97 0.00	44.27 -0.97 0.00	47.86 -0.96 0.00	72.91 -1.18 0.00	103.20 -1.58 0.00	48.79 -0.84 0.00	44.36 -0.82 0.00	40.78 -0.79 0.00
WOODMERE_69_KV_BK1 55827	38.02 2.51 -3.97	33.23 2.40 -0.82	35.54 2.33 0.00	37.25 2.31 0.00	39.24 2.31 0.00	47.98 2.48 0.00	65.67 3.33 0.00	51.59 3.12 0.00	44.99 3.09 0.00	41.75 3.06 0.00	56.50 3.40 -12.34	47.20 3.78 -0.36	48.08 3.61 0.00	46.49 3.53 0.00	46.22 3.48 0.00	46.08 3.61 0.00	47.27 3.63 0.00	48.69 3.45 0.00	52.29 3.47 0.00	79.20 5.11 0.00	111.09 6.31 0.00	52.66 3.02 0.00	48.00 2.82 0.00	44.22 2.65 0.00
YORK___WARBASSE 23770	33.59 2.05 0.00	31.90 1.88 0.00	35.05 1.84 0.00	36.76 1.83 0.00	38.76 1.83 0.00	47.68 2.18 0.00	65.38 3.03 0.00	51.37 2.89 0.00	44.82 2.92 0.00	41.55 2.87 0.00	43.71 2.95 0.00	46.27 3.21 0.00	47.73 3.26 0.00	45.93 2.96 0.00	45.70 2.96 0.00	45.54 3.07 0.00	46.77 3.13 0.00	48.30 3.06 0.00	51.65 2.82 0.00	78.26 4.18 0.00	110.46 5.68 0.00	52.26 2.63 0.00	47.80 2.62 0.00	43.78 2.22 0.00