

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

04/03/2024

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	21.68	19.99	20.20	17.86	21.92	24.93	25.76	26.87	38.88	38.95	38.12	37.59	35.62	36.31	39.16	37.79	41.23	41.40	37.88	38.01	30.38	36.12	31.72	29.65
24138	1.05	1.07	1.02	0.93	1.03	1.01	1.29	1.70	2.68	2.89	2.91	2.83	2.78	2.61	2.52	2.25	2.46	2.59	2.47	2.55	1.82	1.79	1.50	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	21.68	19.98	20.20	17.86	21.91	24.93	25.76	26.85	38.81	38.86	38.04	37.51	35.56	36.25	39.11	37.75	41.19	41.37	37.86	37.99	30.38	36.14	31.73	29.67
24260	1.05	1.07	1.02	0.93	1.02	1.01	1.28	1.68	2.61	2.80	2.84	2.75	2.71	2.55	2.46	2.22	2.42	2.57	2.45	2.53	1.82	1.81	1.51	1.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	21.68	19.98	20.20	17.86	21.91	24.93	25.76	26.85	38.81	38.86	38.04	37.51	35.56	36.25	39.11	37.75	41.19	41.37	37.86	37.99	30.38	36.14	31.73	29.67
24261	1.05	1.07	1.02	0.93	1.02	1.01	1.28	1.68	2.61	2.80	2.84	2.75	2.71	2.55	2.46	2.22	2.42	2.57	2.45	2.53	1.82	1.81	1.51	1.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	21.35	19.62	19.85	17.51	21.60	24.69	25.45	26.36	38.25	38.11	37.10	36.57	34.44	35.56	38.36	37.05	40.44	40.58	37.18	37.10	29.76	35.45	31.16	29.05
24011	0.72	0.71	0.66	0.58	0.71	0.77	0.97	1.20	2.05	2.05	1.90	1.81	1.59	1.86	1.71	1.52	1.68	1.77	1.77	1.64	1.21	1.12	0.94	0.73
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	21.43	19.69	19.91	17.55	21.66	24.75	25.55	26.51	38.57	38.42	37.33	36.77	34.57	35.87	38.70	37.28	40.69	40.84	37.43	37.31	29.94	35.59	31.32	29.17
23798	0.80	0.78	0.72	0.63	0.77	0.83	1.07	1.35	2.37	2.36	2.13	2.01	1.72	2.17	2.06	1.75	1.92	2.04	2.01	1.85	1.38	1.26	1.10	0.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	21.35	19.62	19.85	17.51	21.60	24.69	25.45	26.36	38.25	38.11</														

ALBANY___2 23572	21.12 0.49 0.00	19.46 0.55 0.00	19.70 0.51 0.00	17.41 0.47 0.00	21.39 0.50 0.00	24.41 0.49 0.00	24.97 0.50 0.00	25.53 0.37 0.00	36.68 0.48 0.00	36.59 0.53 0.00	35.73 0.53 0.00	35.22 0.46 0.00	33.04 0.19 0.00	33.77 0.07 0.00	36.62 -0.02 0.00	35.53 -0.01 0.00	38.77 0.01 0.00	38.87 0.06 0.00	35.59 0.17 0.00	35.61 0.15 0.00	28.58 0.02 0.00	34.18 -0.15 0.00	30.07 -0.16 0.00	28.12 -0.20 0.00
ALBANY___3 23573	21.12 0.49 0.00	19.46 0.55 0.00	19.70 0.51 0.00	17.41 0.47 0.00	21.39 0.50 0.00	24.41 0.49 0.00	24.97 0.50 0.00	25.53 0.37 0.00	36.68 0.48 0.00	36.59 0.53 0.00	35.73 0.53 0.00	35.22 0.46 0.00	33.04 0.19 0.00	33.77 0.07 0.00	36.62 -0.02 0.00	35.53 -0.01 0.00	38.77 0.01 0.00	38.87 0.06 0.00	35.59 0.17 0.00	35.61 0.15 0.00	28.58 0.02 0.00	34.18 -0.15 0.00	30.07 -0.16 0.00	28.12 -0.20 0.00
ALBANY___4 23574	21.12 0.49 0.00	19.46 0.55 0.00	19.70 0.51 0.00	17.41 0.47 0.00	21.39 0.50 0.00	24.41 0.49 0.00	24.97 0.50 0.00	25.53 0.37 0.00	36.68 0.48 0.00	36.59 0.53 0.00	35.73 0.53 0.00	35.22 0.46 0.00	33.04 0.19 0.00	33.77 0.07 0.00	36.62 -0.02 0.00	35.53 -0.01 0.00	38.77 0.01 0.00	38.87 0.06 0.00	35.59 0.17 0.00	35.61 0.15 0.00	28.58 0.02 0.00	34.18 -0.15 0.00	30.07 -0.16 0.00	28.12 -0.20 0.00
ALBANY___LFGE 323615	21.27 0.64 0.00	19.59 0.67 0.00	19.82 0.64 0.00	17.52 0.59 0.00	21.54 0.64 0.00	24.59 0.66 0.00	25.18 0.70 0.00	25.77 0.61 0.00	37.10 0.90 0.00	37.02 0.96 0.00	36.15 0.95 0.00	35.65 0.89 0.00	33.43 0.58 0.00	34.15 0.45 0.00	37.06 0.41 0.00	35.96 0.42 0.00	39.24 0.47 0.00	39.34 0.53 0.00	36.01 0.60 0.00	36.04 0.58 0.00	28.91 0.36 0.00	34.56 0.23 0.00	30.39 0.17 0.00	28.41 0.09 0.00
ALCOA_PA_115KV_PL-6C 55860	20.73 0.10 0.00	18.94 0.03 0.00	19.18 0.00 0.00	16.93 0.00 0.00	20.90 0.01 0.00	24.14 0.05 -0.17	25.06 -0.15 -0.73	25.97 -0.28 -1.09	33.42 -0.49 2.29	36.93 -0.50 -1.37	35.98 -0.55 -1.33	25.05 -0.50 9.21	33.74 -0.34 -1.24	34.66 -0.29 -1.25	37.86 -0.13 -1.35	36.80 -0.05 -1.32	40.11 -0.05 -1.39	39.86 -0.33 -1.38	36.42 -0.30 -1.30	35.72 -0.27 -0.52	28.44 -0.12 0.00	35.23 0.04 -0.86	31.44 0.03 -1.18	29.54 0.08 -1.14
ALCOA_RYNLDS___DRP 24188	20.73 0.10 0.00	18.94 0.03 0.00	19.18 0.00 0.00	16.93 0.00 0.00	20.90 0.01 0.00	24.14 0.05 -0.17	25.06 -0.15 -0.73	25.97 -0.28 -1.09	33.42 -0.49 2.29	36.93 -0.50 -1.37	35.98 -0.55 -1.33	25.05 -0.50 9.21	33.74 -0.34 -1.24	34.66 -0.29 -1.25	37.86 -0.13 -1.35	36.80 -0.05 -1.32	40.11 -0.05 -1.39	39.86 -0.33 -1.38	36.42 -0.30 -1.30	35.72 -0.27 -0.52	28.44 -0.12 0.00	35.23 0.04 -0.86	31.44 0.03 -1.18	29.54 0.08 -1.14
ALCOA___DSASP 323711	20.73 0.10 0.00	18.94 0.03 0.00	19.18 0.00 0.00	16.93 0.00 0.00	20.90 0.01 0.00	24.14 0.05 -0.17	25.06 -0.15 -0.73	25.97 -0.28 -1.09	33.42 -0.49 2.29	36.93 -0.51 -1.37	35.98 -0.55 -1.33	25.04 -0.52 9.21	33.74 -0.34 -1.24	34.66 -0.30 -1.25	37.86 -0.13 -1.35	36.79 -0.07 -1.32	40.10 -0.05 -1.39	39.85 -0.33 -1.38	36.42 -0.30 -1.30	35.72 -0.27 -0.52	28.44 -0.12 0.00	35.23 0.04 -0.86	31.44 0.03 -1.18	29.53 0.07 -1.14
ALLEGHENY___COGEN 23514	20.45 -0.18 0.00	18.68 -0.24 0.00	19.12 -0.07 0.00	16.84 -0.09 0.00	20.98 0.09 0.00	24.33 0.41 0.00	25.14 0.66 0.00	25.82 0.66 0.00	37.16 0.96 0.00	36.78 0.73 0.00	36.10 0.89 0.00	35.11 0.36 0.00	33.60 0.75 0.00	34.73 1.03 0.00	38.46 1.82 0.00	36.46 0.92 0.00	40.19 1.42 0.00	40.62 1.82 0.00	37.44 2.02 0.00	37.82 2.36 0.00	30.64 2.08 0.00	36.54 2.21 0.00	32.20 1.98 0.00	30.19 1.87 0.00
ALTAMONT_115KV_TB 2 55880	21.12 0.49 0.00	19.43 0.51 0.00	19.68 0.50 0.00	17.38 0.45 0.00	21.40 0.51 0.00	24.43 0.51 0.00	25.06 0.58 0.00	25.81 0.64 0.00	37.18 0.98 0.00	37.07 1.01 0.00	36.20 0.99 0.00	35.70 0.94 0.00	33.58 0.73 0.00	34.37 0.66 0.00	37.25 0.61 0.00	36.10 0.57 0.00	39.40 0.63 0.00	39.51 0.71 0.00	36.16 0.75 0.00	36.20 0.74 0.00	29.07 0.51 0.00	34.79 0.46 0.00	30.60 0.37 0.00	28.63 0.30 0.00
ALTONA_WT_PWR 323606	21.23 0.60 0.00	18.83 -0.08 0.00	18.41 -0.78 0.00	16.14 -0.78 0.00	19.89 -1.00 0.00	15.48 -1.33 7.11	-6.82 -1.48 29.81	-20.83 -1.53 44.47	-20.74 -2.25 54.69	-21.91 -1.81 56.15	-20.90 -1.77 54.34	-20.91 -1.73 53.94	-20.80 -1.74 51.91	-20.72 -1.78 52.64	-21.32 -1.44 56.52	-20.94 -1.26 55.22	-20.91 -1.36 58.31	-20.82 -1.66 57.96	-20.79 -1.60 54.60	11.61 -1.84 22.01	27.61 -0.94 0.00	-3.19 -1.51 36.02	-20.73 -1.31 49.64	-20.81 -1.17 47.96
AMERICAN_REF_FUEL 24010	19.28 -1.35 0.00	17.48 -1.43 0.00	17.98 -1.20 0.00	15.89 -1.04 0.00	19.97 -0.92 0.00	23.23 -0.70 0.00	23.76 -0.72 0.00	24.14 -1.02 0.00	34.41 -1.79 0.00	33.91 -2.15 0.00	33.13 -2.07 0.00	33.14 -1.62 0.00	31.82 -1.03 0.00	32.85 -0.86 0.00	35.82 -0.82 0.00	34.98 -0.56 0.00	37.89 -0.88 0.00	38.09 -0.71 0.00	35.10 -0.31 0.00	35.26 -0.20 0.00	28.38 -0.17 0.00	33.63 -0.70 0.00	29.68 -0.54 0.00	28.21 -0.11 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.26 -1.36 0.00	17.57 -1.34 0.00	18.02 -1.16 0.00	15.89 -1.04 0.00	19.98 -0.91 0.00	23.22 -0.70 0.00	23.86 -0.62 0.00	24.37 -0.80 0.00	35.21 -0.99 0.00	35.69 -0.36 0.00	35.28 0.07 0.00	35.34 0.58 0.00	33.64 0.79 0.00	34.85 1.15 0.00	38.02 1.37 0.00	36.62 1.08 0.00	39.38 0.61 0.00	39.83 1.03 0.00	36.46 1.04 0.00	36.76 1.30 0.00	29.66 1.11 0.00	35.70 1.37 0.00	31.38 1.16 0.00	29.51 1.19 0.00
ARTHUR KILL_GT_1 23520	21.78 1.15 0.00	20.06 1.15 0.00	20.27 1.09 0.00	17.93 1.00 0.00	22.01 1.12 0.00	25.04 1.12 0.00	25.81 1.34 0.00	26.84 1.68 0.00	38.60 2.40 0.00	38.59 2.53 0.00	37.83 2.62 0.00	37.41 2.65 0.00	35.43 2.58 0.00	36.13 2.43 0.00	38.71 2.07 0.00	37.48 1.94 0.00	40.79 2.03 0.00	40.94 2.14 0.00	37.77 2.36 0.00	37.89 2.43 0.00	30.39 1.83 0.00	36.10 1.77 0.00	31.80 1.58 0.00	29.82 1.49 0.00
ARTHUR_KILL_2 23512	21.72 1.10 0.00	20.01 1.09 0.00	20.22 1.04 0.00	17.88 0.95 0.00	21.95 1.06 0.00	24.97 1.05 0.00	25.74 1.26 0.00	26.77 1.60 0.00	38.48 2.28 0.00	38.48 2.42 0.00	37.70 2.50 0.00	37.29 2.53 0.00	35.32 2.47 0.00	36.02 2.32 0.00	38.58 1.94 0.00	37.36 1.82 0.00	40.65 1.89 0.00	40.81 2.01 0.00	37.65 2.23 0.00	37.76 2.30 0.00	30.30 1.74 0.00	35.99 1.66 0.00	31.70 1.48 0.00	29.73 1.41 0.00
ARTHUR_KILL_3 23513	21.48 0.85 0.00	19.81 0.89 0.00	20.02 0.84 0.00	17.71 0.78 0.00	21.73 0.83 0.00	24.67 0.75 0.00	25.48 1.00 0.00	26.55 1.38 0.00	38.38 2.18 0.00	38.42 2.36 0.00	37.61 2.40 0.00	37.07 2.31 0.00	35.15 2.30 0.00	35.84 2.14 0.00	38.64 1.99 0.00	37.28 1.74 0.00	40.68 1.92 0.00	40.85 2.05 0.00	37.41 2.00 0.00	37.55 2.08 0.00	30.02 1.46 0.00	35.70 1.37 0.00	31.38 1.16 0.00	29.36 1.03 0.00

ARTHUR_KILL_COGEN 323718	21.78 <div><div></div><div>1.150.00</div></div>	20.06 <div><div></div><div>1.150.00</div></div>	20.27 <div><div></div><div>1.090.00</div></div>	17.93 <div><div></div><div>1.000.00</div></div>	22.01 <div><div></div><div>1.120.00</div></div>	25.04 <div><div></div><div>1.120.00</div></div>	25.81 <div><div></div><div>1.340.00</div></div>	26.84 <div><div></div><div>1.680.00</div></div>	38.60 <div><div></div><div>2.400.00</div></div>	38.59 <div><div></div><div>2.530.00</div></div>	37.83 <div><div></div><div>2.620.00</div></div>	37.41 <div><div></div><div>2.650.00</div></div>	35.43 <div><div></div><div>2.580.00</div></div>	36.13 <div><div></div><div>2.430.00</div></div>	38.71 <div><div></div><div>2.070.00</div></div>	37.48 <div><div></div><div>1.940.00</div></div>	40.79 <div><div></div><div>2.030.00</div></div>	40.94 <div><div></div><div>2.140.00</div></div>	37.77 <div><div></div><div>2.360.00</div></div>	37.89 <div><div></div><div>2.430.00</div></div>	30.39 <div><div></div><div>1.830.00</div></div>	36.10 <div><div></div><div>1.770.00</div></div>	31.80 <div><div></div><div>1.580.00</div></div>	29.82 <div><div></div><div>1.490.00</div></div>
ASHOKAN____ 23654	21.47 <div><div></div><div>0.840.00</div></div>	19.75 <div><div></div><div>0.830.00</div></div>	19.99 <div><div></div><div>0.800.00</div></div>	17.65 <div><div></div><div>0.720.00</div></div>	21.73 <div><div></div><div>0.830.00</div></div>	24.83 <div><div></div><div>0.910.00</div></div>	25.56 <div><div></div><div>1.090.00</div></div>	26.44 <div><div></div><div>1.280.00</div></div>	38.23 <div><div></div><div>2.030.00</div></div>	38.22 <div><div></div><div>2.160.00</div></div>	37.35 <div><div></div><div>2.150.00</div></div>	36.84 <div><div></div><div>2.080.00</div></div>	34.65 <div><div></div><div>1.810.00</div></div>	35.43 <div><div></div><div>1.730.00</div></div>	38.36 <div><div></div><div>1.720.00</div></div>	37.15 <div><div></div><div>1.610.00</div></div>	40.57 <div><div></div><div>1.810.00</div></div>	40.77 <div><div></div><div>1.970.00</div></div>	37.35 <div><div></div><div>1.940.00</div></div>	37.45 <div><div></div><div>1.990.00</div></div>	29.96 <div><div></div><div>1.400.00</div></div>	35.69 <div><div></div><div>1.350.00</div></div>	31.28 <div><div></div><div>1.060.00</div></div>	29.19 <div><div></div><div>0.870.00</div></div>
ASTORIA_EAST_ENERGY_CC1 323581	21.67 <div><div></div><div>1.040.00</div></div>	19.94 <div><div></div><div>1.020.00</div></div>	20.14 <div><div></div><div>0.950.00</div></div>	17.82 <div><div></div><div>0.890.00</div></div>	21.81 <div><div></div><div>0.920.00</div></div>	24.85 <div><div></div><div>0.920.00</div></div>	25.66 <div><div></div><div>1.180.00</div></div>	26.70 <div><div></div><div>1.540.00</div></div>	38.52 <div><div></div><div>2.320.00</div></div>	38.59 <div><div></div><div>2.530.00</div></div>	37.74 <div><div></div><div>2.530.00</div></div>	37.25 <div><div></div><div>2.490.00</div></div>	35.28 <div><div></div><div>2.430.00</div></div>	35.95 <div><div></div><div>2.250.00</div></div>	38.74 <div><div></div><div>2.090.00</div></div>	37.41 <div><div></div><div>1.870.00</div></div>	40.83 <div><div></div><div>2.070.00</div></div>	41.02 <div><div></div><div>2.210.00</div></div>	37.55 <div><div></div><div>2.130.00</div></div>	37.74 <div><div></div><div>2.270.00</div></div>	30.17 <div><div></div><div>1.620.00</div></div>	35.86 <div><div></div><div>1.520.00</div></div>	31.57 <div><div></div><div>1.340.00</div></div>	29.66 <div><div></div><div>1.340.00</div></div>
ASTORIA_EAST_ENERGY_CC2 323582	21.66 <div><div></div><div>1.030.00</div></div>	19.94 <div><div></div><div>1.020.00</div></div>	20.14 <div><div></div><div>0.950.00</div></div>	17.82 <div><div></div><div>0.890.00</div></div>	21.81 <div><div></div><div>0.920.00</div></div>	24.85 <div><div></div><div>0.920.00</div></div>	25.66 <div><div></div><div>1.180.00</div></div>	26.70 <div><div></div><div>1.540.00</div></div>	38.52 <div><div></div><div>2.320.00</div></div>	38.59 <div><div></div><div>2.530.00</div></div>	37.74 <div><div></div><div>2.530.00</div></div>	37.25 <div><div></div><div>2.490.00</div></div>	35.28 <div><div></div><div>2.430.00</div></div>	35.95 <div><div></div><div>2.250.00</div></div>	38.74 <div><div></div><div>2.090.00</div></div>	37.41 <div><div></div><div>1.870.00</div></div>	40.83 <div><div></div><div>2.070.00</div></div>	41.02 <div><div></div><div>2.210.00</div></div>	37.55 <div><div></div><div>2.130.00</div></div>	37.74 <div><div></div><div>2.270.00</div></div>	30.17 <div><div></div><div>1.610.00</div></div>	35.86 <div><div></div><div>1.520.00</div></div>	31.57 <div><div></div><div>1.340.00</div></div>	29.66 <div><div></div><div>1.340.00</div></div>
ASTORIA_GT2_1 24094	21.67 <div><div></div><div>1.050.00</div></div>	19.95 <div><div></div><div>1.030.00</div></div>	20.15 <div><div></div><div>0.970.00</div></div>	17.83 <div><div></div><div>0.890.00</div></div>	21.82 <div><div></div><div>0.930.00</div></div>	24.85 <div><div></div><div>0.930.00</div></div>	25.66 <div><div></div><div>1.180.00</div></div>	26.72 <div><div></div><div>1.550.00</div></div>	38.55 <div><div></div><div>2.350.00</div></div>	38.61 <div><div></div><div>2.550.00</div></div>	37.76 <div><div></div><div>2.560.00</div></div>	37.26 <div><div></div><div>2.500.00</div></div>	35.29 <div><div></div><div>2.450.00</div></div>	35.97 <div><div></div><div>2.270.00</div></div>	38.76 <div><div></div><div>2.110.00</div></div>	37.43 <div><div></div><div>1.900.00</div></div>	40.85 <div><div></div><div>2.090.00</div></div>	41.04 <div><div></div><div>2.240.00</div></div>	37.57 <div><div></div><div>2.150.00</div></div>	37.76 <div><div></div><div>2.300.00</div></div>	30.19 <div><div></div><div>1.630.00</div></div>	35.87 <div><div></div><div>1.540.00</div></div>	31.57 <div><div></div><div>1.350.00</div></div>	29.67 <div><div></div><div>1.340.00</div></div>
ASTORIA_GT2_2 24095	21.67 <div><div></div><div>1.050.00</div></div>	19.95 <div><div></div><div>1.030.00</div></div>	20.15 <div><div></div><div>0.970.00</div></div>	17.83 <div><div></div><div>0.890</div></div>																				

ASTORIA_GT4_4 24105	21.67 1.05 0.00	19.95 1.03 0.00	20.15 0.97 0.00	17.83 0.89 0.00	21.82 0.93 0.00	24.85 0.93 0.00	25.66 1.18 0.00	26.72 1.55 0.00	38.55 2.35 0.00	38.61 2.55 0.00	37.76 2.56 0.00	37.26 2.50 0.00	35.29 2.45 0.00	35.97 2.27 0.00	38.76 2.11 0.00	37.43 1.90 0.00	40.85 2.09 0.00	41.04 2.24 0.00	37.57 2.15 0.00	37.76 2.30 0.00	30.19 1.63 0.00	35.87 1.54 0.00	31.57 1.35 0.00	29.67 1.34 0.00
ASTORIA_GT_1 23523	21.70 1.08 0.00	19.98 1.06 0.00	20.17 0.99 0.00	17.85 0.92 0.00	21.86 0.96 0.00	24.90 0.97 0.00	25.72 1.24 0.00	26.77 1.61 0.00	38.62 2.42 0.00	38.69 2.63 0.00	37.83 2.63 0.00	37.35 2.59 0.00	35.37 2.52 0.00	36.05 2.35 0.00	38.83 2.19 0.00	37.51 1.98 0.00	40.94 2.18 0.00	41.13 2.33 0.00	37.65 2.24 0.00	37.83 2.37 0.00	30.25 1.70 0.00	35.95 1.61 0.00	31.63 1.41 0.00	29.72 1.40 0.00
ASTORIA_GT_10 24110	21.58 0.95 0.00	19.89 0.97 0.00	20.09 0.91 0.00	17.78 0.85 0.00	21.77 0.88 0.00	24.78 0.85 0.00	25.60 1.12 0.00	26.67 1.51 0.00	38.55 2.34 0.00	38.60 2.54 0.00	37.77 2.57 0.00	37.26 2.50 0.00	35.32 2.47 0.00	36.01 2.31 0.00	38.80 2.16 0.00	37.47 1.94 0.00	40.88 2.11 0.00	41.07 2.27 0.00	37.60 2.18 0.00	37.74 2.28 0.00	30.17 1.62 0.00	35.88 1.55 0.00	31.53 1.31 0.00	29.51 1.18 0.00
ASTORIA_GT_11 24225	21.58 0.95 0.00	19.89 0.97 0.00	20.09 0.91 0.00	17.78 0.85 0.00	21.77 0.88 0.00	24.78 0.85 0.00	25.60 1.12 0.00	26.67 1.51 0.00	38.55 2.34 0.00	38.60 2.54 0.00	37.77 2.57 0.00	37.26 2.50 0.00	35.32 2.47 0.00	36.01 2.31 0.00	38.80 2.16 0.00	37.47 1.94 0.00	40.88 2.11 0.00	41.07 2.27 0.00	37.60 2.18 0.00	37.74 2.28 0.00	30.17 1.62 0.00	35.88 1.55 0.00	31.53 1.31 0.00	29.51 1.18 0.00
ASTORIA_GT_12 24226	21.58 0.95 0.00	19.89 0.97 0.00	20.09 0.91 0.00	17.78 0.85 0.00	21.77 0.88 0.00	24.78 0.85 0.00	25.60 1.12 0.00	26.67 1.51 0.00	38.55 2.34 0.00	38.60 2.54 0.00	37.77 2.57 0.00	37.26 2.50 0.00	35.32 2.47 0.00	36.01 2.31 0.00	38.80 2.16 0.00	37.47 1.94 0.00	40.88 2.11 0.00	41.07 2.27 0.00	37.60 2.18 0.00	37.74 2.28 0.00	30.17 1.62 0.00	35.88 1.55 0.00	31.53 1.31 0.00	29.51 1.18 0.00
ASTORIA_GT_13 24227	21.58 0.95 0.00	19.89 0.97 0.00	20.09 0.91 0.00	17.78 0.85 0.00	21.77 0.88 0.00	24.78 0.85 0.00	25.60 1.12 0.00	26.67 1.51 0.00	38.55 2.34 0.00	38.60 2.54 0.00	37.77 2.57 0.00	37.26 2.50 0.00	35.32 2.47 0.00	36.01 2.31 0.00	38.80 2.16 0.00	37.47 1.94 0.00	40.88 2.11 0.00	41.07 2.27 0.00	37.60 2.18 0.00	37.74 2.28 0.00	30.17 1.62 0.00	35.88 1.55 0.00	31.53 1.31 0.00	29.51 1.18 0.00
ASTORIA_GT_5 24106	21.70 1.08 0.00	19.98 1.06 0.00	20.17 0.99 0.00	17.85 0.92 0.00	21.86 0.96 0.00	24.90 0.97 0.00	25.70 1.23 0.00	26.77 1.60 0.00	38.62 2.42 0.00	38.68 2.62 0.00	37.84 2.63 0.00	37.33 2.58 0.00	35.37 2.52 0.00	36.05 2.35 0.00	38.84 2.19 0.00	37.51 1.97 0.00	40.94 2.18 0.00	41.14 2.33 0.00	37.65 2.24 0.00	37.83 2.37 0.00	30.25 1.70 0.00	35.95 1.62 0.00	31.63 1.41 0.00	29.72 1.39 0.00
ASTORIA_GT_7 24107	21.70 1.08 0.00	19.98 1.06 0.00	20.17 0.99 0.00	17.85 0.92 0.00	21.86 0.96 0.00	24.90 0.97 0.00	25.70 1.23 0.00	26.77 1.60 0.00	38.62 2.42 0.00	38.68 2.62 0.00	37.84 2.63 0.00	37.33 2.58 0.00	35.37 2.52 0.00	36.05 2.35 0.00	38.84 2.19 0.00	37.51 1.97 0.00	40.94 2.18 0.00	41.14 2.33 0.00	37.65 2.24 0.00	37.83 2.37 0.00	30.25 1.70 0.00	35.95 1.62 0.00	31.63 1.41 0.00	29.72 1.39 0.00
ASTORIA_GT_8 24108	21.70 1.08 0.00	19.98 1.06 0.00	20.17 0.99 0.00	17.85 0.92 0.00	21.86 0.96 0.00	24.90 0.97 0.00	25.70 1.23 0.00	26.77 1.60 0.00	38.62 2.42 0.00	38.68 2.62 0.00	37.84 2.63 0.00	37.33 2.58 0.00	35.37 2.52 0.00	36.05 2.35 0.00	38.84 2.19 0.00	37.51 1.97 0.00	40.94 2.18 0.00	41.14 2.33 0.00	37.65 2.24 0.00	37.83 2.37 0.00	30.25 1.70 0.00	35.95 1.62 0.00	31.63 1.41 0.00	29.72 1.39 0.00
ASTORIA___2 24149	21.67 1.05 0.00	19.95 1.03 0.00	20.15 0.96 0.00	17.82 0.89 0.00	21.83 0.93 0.00	24.85 0.93 0.00	25.68 1.20 0.00	26.72 1.56 0.00	38.55 2.35 0.00	38.62 2.56 0.00	37.76 2.56 0.00	37.27 2.51 0.00	35.29 2.45 0.00	35.98 2.27 0.00	38.76 2.11 0.00	37.44 1.90 0.00	40.86 2.09 0.00	41.04 2.24 0.00	37.57 2.16 0.00	37.76 2.30 0.00	30.19 1.63 0.00	35.88 1.54 0.00	31.58 1.36 0.00	29.67 1.35 0.00
ASTORIA___3 23516	21.57 0.95 0.00	19.89 0.97 0.00	20.09 0.91 0.00	17.78 0.85 0.00	21.77 0.88 0.00	24.77 0.85 0.00	25.61 1.13 0.00	26.68 1.51 0.00	38.55 2.34 0.00	38.61 2.55 0.00	37.78 2.57 0.00	37.27 2.51 0.00	35.31 2.46 0.00	36.01 2.31 0.00	38.80 2.16 0.00	37.48 1.94 0.00	40.88 2.12 0.00	41.06 2.26 0.00	37.60 2.18 0.00	37.74 2.28 0.00	30.17 1.62 0.00	35.88 1.55 0.00	31.54 1.31 0.00	29.51 1.19 0.00
ASTORIA___4 23517	21.58 0.95 0.00	19.89 0.97 0.00	20.09 0.91 0.00	17.78 0.85 0.00	21.77 0.88 0.00	24.77 0.85 0.00	25.60 1.12 0.00	26.67 1.51 0.00	38.55 2.34 0.00	38.60 2.54 0.00	37.77 2.57 0.00	37.26 2.50 0.00	35.32 2.47 0.00	36.01 2.30 0.00	38.80 2.16 0.00	37.47 1.94 0.00	40.88 2.11 0.00	41.07 2.27 0.00	37.60 2.18 0.00	37.74 2.28 0.00	30.17 1.62 0.00	35.88 1.55 0.00	31.53 1.31 0.00	29.51 1.18 0.00
ASTORIA___5 23518	21.57 0.95 0.00	19.89 0.97 0.00	20.09 0.91 0.00	17.78 0.85 0.00	21.77 0.88 0.00	24.77 0.85 0.00	25.61 1.13 0.00	26.68 1.51 0.00	38.55 2.34 0.00	38.61 2.55 0.00	37.78 2.57 0.00	37.27 2.51 0.00	35.32 2.47 0.00	36.01 2.31 0.00	38.80 2.16 0.00	37.48 1.94 0.00	40.88 2.12 0.00	41.06 2.26 0.00	37.60 2.18 0.00	37.74 2.28 0.00	30.17 1.62 0.00	35.88 1.55 0.00	31.54 1.31 0.00	29.51 1.19 0.00
AST_ENERGY_2_CC3 323677	21.52 0.89 0.00	19.86 0.94 0.00	20.06 0.88 0.00	17.75 0.83 0.00	21.76 0.86 0.00	24.72 0.80 0.00	25.54 1.06 0.00	26.61 1.45 0.00	38.48 2.28 0.00	38.52 2.46 0.00	37.70 2.50 0.00	37.17 2.41 0.00	35.23 2.39 0.00	35.92 2.22 0.00	38.74 2.09 0.00	37.38 1.84 0.00	40.79 2.03 0.00	40.97 2.17 0.00	37.49 2.08 0.00	37.65 2.19 0.00	30.10 1.54 0.00	35.81 1.47 0.00	31.45 1.23 0.00	29.42 1.10 0.00
AST_ENERGY_2_CC4 323678	21.52 0.89 0.00	19.86 0.94 0.00	20.06 0.88 0.00	17.75 0.83 0.00	21.76 0.86 0.00	24.72 0.80 0.00	25.54 1.06 0.00	26.61 1.45 0.00	38.48 2.28 0.00	38.52 2.46 0.00	37.70 2.50 0.00	37.17 2.41 0.00	35.23 2.39 0.00	35.92 2.22 0.00	38.74 2.09 0.00	37.38 1.84 0.00	40.79 2.03 0.00	40.97 2.17 0.00	37.49 2.08 0.00	37.65 2.19 0.00	30.10 1.54 0.00	35.81 1.47 0.00	31.45 1.23 0.00	29.42 1.10 0.00

ATHENS_STG_1 23668	21.20 0.57 0.00	19.51 0.60 0.00	19.76 0.58 0.00	17.45 0.52 0.00	21.48 0.59 0.00	24.49 0.57 0.00	25.17 0.70 0.00	26.03 0.86 0.00	37.55 1.36 0.00	37.47 1.41 0.00	36.62 1.42 0.00	36.11 1.35 0.00	34.08 1.23 0.00	34.83 1.13 0.00	37.69 1.05 0.00	36.47 0.93 0.00	39.78 1.02 0.00	39.94 1.13 0.00	36.55 1.14 0.00	36.60 1.14 0.00	29.35 0.80 0.00	35.10 0.76 0.00	30.87 0.65 0.00	28.88 0.56 0.00
ATHENS_STG_2 23670	21.20 0.57 0.00	19.51 0.60 0.00	19.76 0.58 0.00	17.45 0.52 0.00	21.48 0.59 0.00	24.49 0.57 0.00	25.17 0.70 0.00	26.03 0.86 0.00	37.55 1.36 0.00	37.47 1.41 0.00	36.62 1.42 0.00	36.11 1.35 0.00	34.08 1.23 0.00	34.83 1.13 0.00	37.69 1.05 0.00	36.47 0.93 0.00	39.78 1.02 0.00	39.94 1.13 0.00	36.55 1.14 0.00	36.60 1.14 0.00	29.35 0.80 0.00	35.10 0.76 0.00	30.87 0.65 0.00	28.88 0.56 0.00
ATHENS_STG_3 23677	21.20 0.57 0.00	19.51 0.60 0.00	19.76 0.58 0.00	17.45 0.52 0.00	21.48 0.59 0.00	24.49 0.57 0.00	25.17 0.70 0.00	26.03 0.86 0.00	37.55 1.36 0.00	37.47 1.41 0.00	36.62 1.42 0.00	36.11 1.35 0.00	34.08 1.23 0.00	34.83 1.13 0.00	37.69 1.05 0.00	36.47 0.93 0.00	39.78 1.02 0.00	39.94 1.13 0.00	36.55 1.14 0.00	36.60 1.14 0.00	29.35 0.80 0.00	35.10 0.76 0.00	30.87 0.65 0.00	28.88 0.56 0.00
AUBURN___LFGE 323710	20.27 -0.36 0.00	18.53 -0.38 0.00	18.96 -0.23 0.00	16.66 -0.28 0.00	20.62 -0.27 0.00	23.81 -0.11 0.00	24.50 0.02 0.00	25.14 -0.03 0.00	36.02 -0.18 0.00	35.83 -0.23 0.00	35.06 -0.15 0.00	34.64 -0.12 0.00	32.68 -0.17 0.00	33.71 0.00 0.00	36.73 0.08 0.00	35.58 0.04 0.00	38.68 -0.08 0.00	39.06 0.25 0.00	35.60 0.19 0.00	35.80 0.34 0.00	28.87 0.32 0.00	34.50 0.17 0.00	30.19 -0.04 0.00	28.54 0.22 0.00
BABYLON_RES_REC 323704	21.83 1.20 0.00	20.08 1.17 0.00	20.29 1.10 0.00	17.91 0.98 0.00	22.01 1.12 0.00	25.09 1.17 0.00	26.05 1.57 0.00	26.99 1.83 0.00	38.68 2.48 0.00	38.82 2.76 0.00	39.84 2.95 -1.68	37.99 2.84 -0.39	35.58 2.73 0.00	36.09 2.39 0.00	39.01 2.37 0.00	37.78 2.25 0.00	41.11 2.35 -0.01	41.48 2.66 -0.76	38.72 2.55 -0.76	45.72 2.64 -7.62	39.41 1.96 -8.89	36.69 2.03 -0.33	31.86 1.63 0.00	29.75 1.42 0.00
BABYLON__69_KV_BK2 356345	22.03 1.40 0.00	20.26 1.35 0.00	20.46 1.28 0.00	18.07 1.14 0.00	22.22 1.33 0.00	25.33 1.41 0.00	26.34 1.86 0.00	27.28 2.11 0.00	39.04 2.84 0.00	39.18 3.12 0.00	40.15 3.30 -1.64	38.35 3.21 -0.38	35.94 3.09 0.00	36.43 2.72 0.00	39.41 2.77 0.00	38.19 2.65 0.00	41.53 2.77 0.00	41.94 3.12 -0.01	39.11 2.95 -0.74	46.00 3.08 -7.46	39.57 2.31 -8.70	37.10 2.45 -0.32	32.18 1.96 0.00	30.03 1.71 0.00
BALL_HILL_WT_PWR 323825	19.59 -1.04 0.00	17.86 -1.06 0.00	18.33 -0.85 0.00	16.15 -0.78 0.00	20.27 -0.62 0.00	23.56 -0.36 0.00	24.21 -0.27 0.00	24.69 -0.48 0.00	35.40 -0.81 0.00	35.18 -0.88 0.00	34.53 -0.67 0.00	34.56 -0.20 0.00	33.02 0.17 0.00	34.13 0.43 0.00	37.25 0.60 0.00	36.06 0.53 0.00	38.95 0.19 0.00	39.34 0.54 0.00	36.13 0.71 0.00	36.39 0.93 0.00	29.30 0.74 0.00	34.97 0.63 0.00	30.83 0.61 0.00	29.07 0.74 0.00
BARON_WINDS___WT_PWR 323822	19.53 -1.10 0.00	17.94 -0.97 0.00	18.42 -0.77 0.00	16.16 -0.77 0.00	20.00 -0.89 0.00	23.17 -0.75 0.00	23.92 -0.56 0.00	24.55 -0.61 0.00	35.45 -0.75 0.00	35.12 -0.95 0.00	34.59 -0.61 0.00	34.28 -0.48 0.00	32.35 -0.50 0.00	33.01 -0.69 0.00	37.23 0.59 0.00	35.11 -0.43 0.00	38.19 -0.58 0.00	38.74 -0.06 0.00	35.44 0.03 0.00	35.86 0.40 0.00	29.17 0.62 0.00	35.09 0.76 0.00	31.17 0.95 0.00	29.26 0.94 0.00
BARRETT_IC_1 23704	21.67 1.04 0.00	19.96 1.04 0.00	20.15 0.96 0.00	17.80 0.87 0.00	21.87 0.98 0.00	24.90 0.97 0.00	25.76 1.29 0.00	26.62 1.46 0.00	38.27 2.07 0.00	38.40 2.34 0.00	54.85 2.50 -17.15	41.19 2.41 -4.03	35.19 2.34 0.00	35.71 2.01 0.00	38.55 1.91 0.00	37.33 1.80 0.00	40.61 1.85 0.00	40.90 2.09 -0.01	38.16 2.02 -0.73	48.10 2.13 -10.51	120.95 1.55 -90.85	39.33 1.62 -3.38	31.57 1.35 0.00	29.53 1.21 0.00
BARRETT_IC_10 23701	21.67 1.04 0.00	19.96 1.04 0.00	20.15 0.96 0.00	17.80 0.87 0.00	21.87 0.98 0.00	24.90 0.97 0.00	25.76 1.29 0.00	26.62 1.46 0.00	38.27 2.07 0.00	38.40 2.34 0.00	44.72 2.50 -7.02	38.77 2.41 -1.60	35.19 2.34 0.00	35.71 2.01 0.00	38.55 1.91 0.00	37.33 1.80 0.00	40.61 1.85 0.00	40.90 2.09 -0.01	38.16 2.02 -0.73	46.03 2.13 -8.44	66.31 1.55 -36.21	37.29 1.62 -1.34	31.57 1.35 0.00	29.53 1.21 0.00
BARRETT_IC_11 23702	21.67 1.04 0.00	19.96 1.04 0.00	20.15 0.96 0.00	17.80 0.87 0.00	21.87 0.98 0.00	24.90 0.97 0.00	25.76 1.29 0.00	26.62 1.46 0.00	38.27 2.07 0.00	38.40 2.34 0.00	44.72 2.50 -7.02	38.77 2.41 -1.60	35.19 2.34 0.00	35.71 2.01 0.00	38.55 1.91 0.00	37.33 1.80 0.00	40.61 1.85 0.00	40.90 2.09 -0.01	38.16 2.02 -0.73	46.03 2.13 -8.44	66.31 1.55 -36.21	37.29 1.62 -1.34	31.57 1.35 0.00	29.53 1.21 0.00
BARRETT_IC_12 23703	21.67 1.04 0.00	19.96 1.04 0.00	20.15 0.96 0.00	17.80 0.87 0.00	21.87 0.98 0.00	24.90 0.97 0.00	25.76 1.29 0.00	26.62 1.46 0.00	38.27 2.07 0.00	38.40 2.34 0.00	44.72 2.50 -7.02	38.77 2.41 -1.60	35.19 2.34 0.00	35.71 2.01 0.00	38.55 1.91 0.00	37.33 1.80 0.00	40.61 1.85 0.00	40.90 2.09 -0.01	38.16 2.02 -0.73	46.03 2.13 -8.44	66.31 1.55 -36.21	37.29 1.62 -1.34	31.57 1.35 0.00	29.53 1.21 0.00
BARRETT_IC_2 23705	21.67 1.04 0.00	19.96 1.04 0.00	20.15 0.96 0.00	17.80 0.87 0.00	21.87 0.98 0.00	24.90 0.97 0.00	25.76 1.29 0.00	26.62 1.46 0.00	38.27 2.07 0.00	38.40 2.34 0.00	54.85 2.50 -17.15	41.19 2.41 -4.03	35.19 2.34 0.00	35.71 2.01 0.00	38.55 1.91 0.00	37.33 1.80 0.00	40.61 1.85 0.00	40.90 2.09 -0.01	38.16 2.02 -0.73	48.10 2.13 -10.51	120.95 1.55 -90.85	39.33 1.62 -3.38	31.57 1.35 0.00	29.53 1.21 0.00
BARRETT_IC_3 23706	21.67 1.04 0.00	19.96 1.04 0.00	20.15 0.96 0.00	17.80 0.87 0.00	21.87 0.98 0.00	24.90 0.97 0.00	25.76 1.29 0.00	26.62 1.46 0.00	38.27 2.07 0.00	38.40 2.34 0.00	54.85 2.50 -17.15	41.19 2.41 -4.03	35.19 2.34 0.00	35.71 2.01 0.00	38.55 1.91 0.00	37.33 1.80 0.00	40.61 1.85 0.00	40.90 2.09 -0.01	38.16 2.02 -0.73	48.10 2.13 -10.51	120.95 1.55 -90.85	39.33 1.62 -3.38	31.57 1.35 0.00	29.53 1.21 0.00
BARRETT_IC_4 23707	21.67 1.04 0.00	19.96 1.04 0.00	20.15 0.96 0.00	17.80 0.87 0.00	21.87 0.98 0.00	24.90 0.97 0.00	25.76 1.29 0.00	26.62 1.46 0.00	38.27 2.07 0.00	38.40 2.34 0.00	54.85 2.50 -17.15	41.19 2.41 -4.03	35.19 2.34 0.00	35.71 2.01 0.00	38.55 1.91 0.00	37.33 1.80 0.00	40.61 1.85 0.00	40.90 2.09 -0.01	38.16 2.02 -0.73	48.10 2.13 -10.51	120.95 1.55 -90.85	39.33 1.62 -3.38	31.57 1.35 0.00	29.53 1.21 0.00

BARRETT_IC_5 23708	21.67 1.04 0.00	19.96 1.04 0.00	20.15 0.96 0.00	17.80 0.87 0.00	21.87 0.98 0.00	24.90 0.97 0.00	25.76 1.29 0.00	26.62 1.46 0.00	38.27 2.07 0.00	38.40 2.34 0.00	54.85 2.50 -17.15	41.19 2.41 -4.03	35.19 2.34 0.00	35.71 2.01 0.00	38.55 1.91 0.00	37.33 1.80 0.00	40.61 1.85 0.00	40.90 2.09 -0.01	38.16 2.02 -0.73	48.10 2.13 -10.51	120.95 1.55 -90.85	39.33 1.62 -3.38	31.57 1.35 0.00	29.53 1.21 0.00
BARRETT_IC_6 23709	21.67 1.04 0.00	19.96 1.04 0.00	20.15 0.96 0.00	17.80 0.87 0.00	21.87 0.98 0.00	24.90 0.97 0.00	25.76 1.29 0.00	26.62 1.46 0.00	38.27 2.07 0.00	38.40 2.34 0.00	54.85 2.50 -17.15	41.19 2.41 -4.03	35.19 2.34 0.00	35.71 2.01 0.00	38.55 1.91 0.00	37.33 1.80 0.00	40.61 1.85 0.00	40.90 2.09 -0.01	38.16 2.02 -0.73	48.10 2.13 -10.51	120.95 1.55 -90.85	39.33 1.62 -3.38	31.57 1.35 0.00	29.53 1.21 0.00
BARRETT_IC_7 23710	21.67 1.04 0.00	19.96 1.04 0.00	20.15 0.96 0.00	17.80 0.87 0.00	21.87 0.98 0.00	24.90 0.97 0.00	25.76 1.28 0.00	26.62 1.46 0.00	38.27 2.06 0.00	38.39 2.34 0.00	54.86 2.51 -17.15	41.19 2.41 -4.03	35.18 2.34 0.00	35.71 2.00 0.00	38.55 1.90 0.00	37.35 1.82 0.00	40.61 1.85 0.00	40.91 2.09 -0.01	38.16 2.02 -0.73	48.10 2.13 -10.51	120.95 1.55 -90.85	39.33 1.62 -3.38	31.57 1.35 0.00	29.53 1.21 0.00
BARRETT_IC_8 23711	21.67 1.04 0.00	19.96 1.04 0.00	20.15 0.96 0.00	17.80 0.87 0.00	21.87 0.98 0.00	24.90 0.97 0.00	25.76 1.29 0.00	26.62 1.46 0.00	38.27 2.07 0.00	38.40 2.34 0.00	54.85 2.50 -17.15	41.19 2.41 -4.03	35.19 2.34 0.00	35.71 2.01 0.00	38.55 1.91 0.00	37.33 1.80 0.00	40.61 1.85 0.00	40.90 2.09 -0.01	38.16 2.02 -0.73	48.10 2.13 -10.51	120.95 1.55 -90.85	39.33 1.62 -3.38	31.57 1.35 0.00	29.53 1.21 0.00
BARRETT_IC_9 23700	21.67 1.04 0.00	19.96 1.04 0.00	20.15 0.96 0.00	17.80 0.87 0.00	21.87 0.98 0.00	24.90 0.97 0.00	25.76 1.29 0.00	26.62 1.46 0.00	38.27 2.07 0.00	38.40 2.34 0.00	44.72 2.50 -7.02	38.77 2.41 -1.60	35.19 2.34 0.00	35.71 2.01 0.00	38.55 1.91 0.00	37.33 1.80 0.00	40.61 1.85 0.00	40.90 2.09 -0.01	38.16 2.02 -0.73	46.03 2.13 -8.44	66.31 1.55 -36.21	37.29 1.62 -1.34	31.57 1.35 0.00	29.53 1.21 0.00
BARRETT___1 23545	21.67 1.04 0.00	19.96 1.04 0.00	20.15 0.96 0.00	17.80 0.87 0.00	21.87 0.98 0.00	24.90 0.97 0.00	25.76 1.29 0.00	26.62 1.46 0.00	38.27 2.07 0.00	38.40 2.34 0.00	54.85 2.50 -17.15	41.19 2.41 -4.03	35.19 2.34 0.00	35.71 2.01 0.00	38.55 1.91 0.00	37.33 1.80 0.00	40.61 1.85 0.00	40.90 2.09 -0.01	38.16 2.02 -0.73	48.10 2.13 -10.51	120.95 1.55 -90.85	39.33 1.62 -3.38	31.57 1.35 0.00	29.53 1.21 0.00
BARRETT___2 23546	21.67 1.04 0.00	19.96 1.04 0.00	20.15 0.96 0.00	17.80 0.87 0.00	21.87 0.98 0.00	24.90 0.97 0.00	25.76 1.29 0.00	26.62 1.46 0.00	38.27 2.07 0.00	38.40 2.34 0.00	44.72 2.50 -7.02	38.77 2.41 -1.60	35.19 2.34 0.00	35.71 2.01 0.00	38.55 1.91 0.00	37.33 1.80 0.00	40.61 1.85 0.00	40.90 2.09 -0.01	38.16 2.02 -0.73	46.03 2.13 -8.44	66.31 1.55 -36.21	37.29 1.62 -1.34	31.57 1.35 0.00	29.53 1.21 0.00
BATAVIA__115KV_TB1 55881	20.06 -0.57 0.00	18.22 -0.70 0.00	18.71 -0.48 0.00	16.50 -0.43 0.00	20.72 -0.17 0.00	24.09 0.16 0.00	24.76 0.28 0.00	25.24 0.07 0.00	36.11 -0.09 0.00	35.69 -0.37 0.00	34.85 -0.35 0.00	34.79 0.03 0.00	33.24 0.39 0.00	34.43 0.73 0.00	37.47 0.82 0.00	36.45 0.91 0.00	39.56 0.80 0.00	39.80 1.00 0.00	36.67 1.25 0.00	36.83 1.37 0.00	29.63 1.07 0.00	35.09 0.76 0.00	30.90 0.67 0.00	29.20 0.88 0.00
BAYONEEC___CTG1 323682	21.55 0.92 0.00	19.87 0.96 0.00	20.08 0.90 0.00	17.76 0.83 0.00	21.79 0.90 0.00	24.77 0.85 0.00	25.58 1.11 0.00	26.65 1.48 0.00	38.53 2.33 0.00	38.58 2.52 0.00	37.76 2.55 0.00	37.22 2.46 0.00	35.29 2.44 0.00	35.98 2.28 0.00	38.79 2.15 0.00	37.43 1.90 0.00	40.85 2.09 0.00	41.01 2.21 0.00	37.54 2.13 0.00	37.69 2.23 0.00	30.15 1.59 0.00	35.86 1.53 0.00	31.50 1.28 0.00	29.47 1.15 0.00
BAYONEEC___CTG10 323750	21.55 0.92 0.00	19.87 0.96 0.00	20.08 0.90 0.00	17.76 0.83 0.00	21.79 0.90 0.00	24.77 0.85 0.00	25.58 1.11 0.00	26.65 1.48 0.00	38.53 2.33 0.00	38.58 2.52 0.00	37.76 2.55 0.00	37.22 2.46 0.00	35.29 2.44 0.00	35.98 2.28 0.00	38.79 2.15 0.00	37.43 1.90 0.00	40.85 2.09 0.00	41.01 2.21 0.00	37.54 2.13 0.00	37.69 2.23 0.00	30.15 1.59 0.00	35.86 1.53 0.00	31.50 1.28 0.00	29.47 1.15 0.00
BAYONEEC___CTG2 323683	21.55 0.92 0.00	19.87 0.96 0.00	20.08 0.90 0.00	17.76 0.83 0.00	21.79 0.90 0.00	24.77 0.85 0.00	25.58 1.11 0.00	26.65 1.48 0.00	38.53 2.33 0.00	38.58 2.52 0.00	37.76 2.55 0.00	37.22 2.46 0.00	35.29 2.44 0.00	35.98 2.28 0.00	38.79 2.15 0.00	37.43 1.90 0.00	40.85 2.09 0.00	41.01 2.21 0.00	37.54 2.13 0.00	37.69 2.23 0.00	30.15 1.59 0.00	35.86 1.53 0.00	31.50 1.28 0.00	29.47 1.15 0.00
BAYONEEC___CTG3 323684	21.55 0.92 0.00	19.87 0.96 0.00	20.08 0.90 0.00	17.76 0.83 0.00	21.79 0.90 0.00	24.77 0.85 0.00	25.58 1.11 0.00	26.65 1.48 0.00	38.53 2.33 0.00	38.58 2.52 0.00	37.76 2.55 0.00	37.22 2.46 0.00	35.29 2.44 0.00	35.98 2.28 0.00	38.79 2.15 0.00	37.43 1.90 0.00	40.85 2.09 0.00	41.01 2.21 0.00	37.54 2.13 0.00	37.69 2.23 0.00	30.15 1.59 0.00	35.86 1.53 0.00	31.50 1.28 0.00	29.47 1.15 0.00
BAYONEEC___CTG4 323685	21.55 0.92 0.00	19.87 0.96 0.00	20.08 0.90 0.00	17.76 0.83 0.00	21.79 0.90 0.00	24.77 0.85 0.00	25.58 1.11 0.00	26.65 1.48 0.00	38.53 2.33 0.00	38.58 2.52 0.00	37.76 2.55 0.00	37.22 2.46 0.00	35.29 2.44 0.00	35.98 2.28 0.00	38.79 2.15 0.00	37.43 1.90 0.00	40.85 2.09 0.00	41.01 2.21 0.00	37.54 2.13 0.00	37.69 2.23 0.00	30.15 1.59 0.00	35.86 1.53 0.00	31.50 1.28 0.00	29.47 1.15 0.00
BAYONEEC___CTG5 323686	21.55 0.92 0.00	19.87 0.96 0.00	20.08 0.90 0.00	17.76 0.83 0.00	21.79 0.90 0.00	24.77 0.85 0.00	25.58 1.11 0.00	26.65 1.48 0.00	38.53 2.33 0.00	38.58 2.52 0.00	37.76 2.55 0.00	37.22 2.46 0.00	35.29 2.44 0.00	35.98 2.28 0.00	38.79 2.15 0.00	37.43 1.90 0.00	40.85 2.09 0.00	41.01 2.21 0.00	37.54 2.13 0.00	37.69 2.23 0.00	30.15 1.59 0.00	35.86 1.53 0.00	31.50 1.28 0.00	29.47 1.15 0.00
BAYONEEC___CTG6 323687	21.55 0.92 0.00	19.87 0.96 0.00	20.08 0.90 0.00	17.76 0.83 0.00	21.79 0.90 0.00	24.77 0.85 0.00	25.58 1.11 0.00	26.65 1.48 0.00	38.53 2.33 0.00	38.58 2.52 0.00	37.76 2.55 0.00	37.22 2.46 0.00	35.29 2.44 0.00	35.98 2.28 0.00	38.79 2.15 0.00	37.43 1.90 0.00	40.85 2.09 0.00	41.01 2.21 0.00	37.54 2.13 0.00	37.69 2.23 0.00	30.15 1.59 0.00	35.86 1.53 0.00	31.50 1.28 0.00	29.47 1.15 0.00

BAYONEEC___CTG7 323688	21.55 0.92 0.00	19.87 0.96 0.00	20.08 0.90 0.00	17.76 0.83 0.00	21.79 0.90 0.00	24.77 0.85 0.00	25.58 1.11 0.00	26.65 1.48 0.00	38.53 2.33 0.00	38.58 2.52 0.00	37.76 2.55 0.00	37.22 2.46 0.00	35.29 2.44 0.00	35.98 2.28 0.00	38.79 2.15 0.00	37.43 1.90 0.00	40.85 2.09 0.00	41.01 2.21 0.00	37.54 2.13 0.00	37.69 2.23 0.00	30.15 1.59 0.00	35.86 1.53 0.00	31.50 1.28 0.00	29.47 1.15 0.00
BAYONEEC___CTG8 323689	21.55 0.92 0.00	19.87 0.96 0.00	20.08 0.90 0.00	17.76 0.83 0.00	21.79 0.90 0.00	24.77 0.85 0.00	25.58 1.11 0.00	26.65 1.48 0.00	38.53 2.33 0.00	38.58 2.52 0.00	37.76 2.55 0.00	37.22 2.46 0.00	35.29 2.44 0.00	35.98 2.28 0.00	38.79 2.15 0.00	37.43 1.90 0.00	40.85 2.09 0.00	41.01 2.21 0.00	37.54 2.13 0.00	37.69 2.23 0.00	30.15 1.59 0.00	35.86 1.53 0.00	31.50 1.28 0.00	29.47 1.15 0.00
BAYONEEC___CTG9 323749	21.55 0.92 0.00	19.87 0.96 0.00	20.08 0.90 0.00	17.76 0.83 0.00	21.79 0.90 0.00	24.77 0.85 0.00	25.58 1.11 0.00	26.65 1.48 0.00	38.53 2.33 0.00	38.58 2.52 0.00	37.76 2.55 0.00	37.22 2.46 0.00	35.29 2.44 0.00	35.98 2.28 0.00	38.79 2.15 0.00	37.43 1.90 0.00	40.85 2.09 0.00	41.01 2.21 0.00	37.54 2.13 0.00	37.69 2.23 0.00	30.15 1.59 0.00	35.86 1.53 0.00	31.50 1.28 0.00	29.47 1.15 0.00
BEACON___LESR 323632	21.36 0.72 0.00	19.67 0.75 0.00	19.92 0.74 0.00	17.58 0.65 0.00	21.67 0.78 0.00	24.72 0.80 0.00	25.39 0.92 0.00	26.01 0.84 0.00	37.52 1.32 0.00	37.42 1.36 0.00	36.51 1.30 0.00	36.04 1.29 0.00	33.74 0.89 0.00	34.50 0.80 0.00	37.49 0.85 0.00	36.25 0.71 0.00	39.62 0.86 0.00	39.68 0.87 0.00	36.33 0.92 0.00	36.41 0.94 0.00	29.17 0.62 0.00	34.88 0.55 0.00	30.64 0.42 0.00	28.63 0.30 0.00
BEAVER RIVER___HYD 24048	19.96 -0.67 0.00	18.08 -0.84 0.00	18.36 -0.82 0.00	16.17 -0.76 0.00	19.97 -0.92 0.00	23.39 -0.91 -0.38	25.21 -0.88 -1.61	26.76 -0.80 -2.40	36.88 -1.05 -1.74	38.37 -0.72 -3.03	36.96 -1.18 -2.93	33.39 -0.75 0.61	34.98 -0.59 -2.72	35.36 -1.10 -2.76	38.18 -1.43 -2.97	37.54 -0.90 -2.90	41.72 -0.11 -3.07	42.64 0.79 -3.05	39.06 0.77 -2.87	37.08 0.46 -1.16	29.10 0.54 0.00	36.86 0.63 -1.89	33.33 0.50 -2.61	31.32 0.48 -2.52
BEEBEE_GT_13 23619	19.90 -0.73 0.00	18.12 -0.79 0.00	18.53 -0.65 0.00	16.36 -0.56 0.00	20.44 -0.45 0.00	23.67 -0.25 0.00	24.33 -0.15 0.00	24.82 -0.34 0.00	35.58 -0.62 0.00	35.25 -0.81 0.00	34.43 -0.78 0.00	34.23 -0.53 0.00	32.62 -0.23 0.00	33.65 -0.06 0.00	36.63 -0.01 0.00	35.64 0.10 0.00	38.76 -0.01 0.00	38.96 0.16 0.00	35.78 0.36 0.00	35.90 0.43 0.00	28.88 0.33 0.00	34.34 0.01 0.00	30.22 -0.01 0.00	28.47 0.15 0.00
BENSHRST_27_KV_BENSHRST_1 355998	21.81 1.18 0.00	20.08 1.16 0.00	20.28 1.10 0.00	17.94 1.01 0.00	22.00 1.11 0.00	25.05 1.12 0.00	25.87 1.39 0.00	26.96 1.79 0.00	38.94 2.74 0.00	38.97 2.91 0.00	38.17 2.97 0.00	37.68 2.93 0.00	35.72 2.87 0.00	36.43 2.73 0.00	39.20 2.56 0.00	37.88 2.35 0.00	41.29 2.53 0.00	41.50 2.69 0.00	38.03 2.62 0.00	38.19 2.73 0.00	30.56 2.00 0.00	36.33 1.99 0.00	31.92 1.69 0.00	29.86 1.53 0.00
BETHLEHEM___GRP 23843	21.12 0.49 0.00	19.46 0.55 0.00	19.70 0.51 0.00	17.41 0.47 0.00	21.39 0.50 0.00	24.41 0.49 0.00	24.97 0.50 0.00	25.53 0.37 0.00	36.68 0.48 0.00	36.59 0.53 0.00	35.73 0.53 0.00	35.22 0.46 0.00	33.04 0.19 0.00	33.77 0.07 0.00	36.62 -0.02 0.00	35.53 -0.01 0.00	38.77 0.01 0.00	38.87 0.06 0.00	35.59 0.17 0.00	35.61 0.15 0.00	28.58 0.02 0.00	34.18 -0.15 0.00	30.07 -0.16 0.00	28.12 -0.20 0.00
BETHLEHEM___GS1 323560	21.12 0.49 0.00	19.46 0.55 0.00	19.70 0.51 0.00	17.41 0.47 0.00	21.39 0.50 0.00	24.41 0.49 0.00	24.98 0.50 0.00	25.54 0.37 0.00	36.68 0.48 0.00	36.59 0.53 0.00	35.73 0.53 0.00	35.22 0.46 0.00	33.04 0.19 0.00	33.77 0.07 0.00	36.62 -0.03 0.00	35.53 -0.01 0.00	38.77 0.01 0.00	38.87 0.06 0.00	35.59 0.17 0.00	35.62 0.15 0.00	28.58 0.02 0.00	34.18 -0.15 0.00	30.07 -0.16 0.00	28.12 -0.20 0.00
BETHLEHEM___GS2 323561	21.12 0.49 0.00	19.46 0.55 0.00	19.70 0.51 0.00	17.41 0.47 0.00	21.39 0.50 0.00	24.41 0.49 0.00	24.98 0.50 0.00	25.54 0.37 0.00	36.68 0.48 0.00	36.59 0.53 0.00	35.73 0.53 0.00	35.22 0.46 0.00	33.04 0.19 0.00	33.77 0.07 0.00	36.62 -0.03 0.00	35.53 -0.01 0.00	38.77 0.01 0.00	38.87 0.06 0.00	35.59 0.17 0.00	35.62 0.15 0.00	28.58 0.02 0.00	34.18 -0.15 0.00	30.07 -0.16 0.00	28.12 -0.20 0.00
BETHLEHEM___GS3 323562	21.12 0.49 0.00	19.46 0.55 0.00	19.70 0.51 0.00	17.41 0.47 0.00	21.39 0.50 0.00	24.41 0.49 0.00	24.98 0.50 0.00	25.54 0.37 0.00	36.68 0.48 0.00	36.59 0.53 0.00	35.73 0.53 0.00	35.22 0.46 0.00	33.04 0.19 0.00	33.77 0.07 0.00	36.62 -0.03 0.00	35.53 -0.01 0.00	38.77 0.01 0.00	38.87 0.06 0.00	35.59 0.17 0.00	35.62 0.15 0.00	28.58 0.02 0.00	34.18 -0.15 0.00	30.07 -0.16 0.00	28.12 -0.20 0.00
BETHLEHEM___STEEL 23779	19.70 -0.93 0.00	17.92 -1.00 0.00	18.40 -0.78 0.00	16.23 -0.71 0.00	20.36 -0.53 0.00	23.69 -0.23 0.00	24.36 -0.12 0.00	24.74 -0.43 0.00	35.41 -0.79 0.00	34.99 -1.07 0.00	34.21 -0.99 0.00	34.27 -0.49 0.00	32.83 -0.02 0.00	33.97 0.26 0.00	37.05 0.40 0.00	35.99 0.46 0.00	38.97 0.21 0.00	39.28 0.48 0.00	36.16 0.75 0.00	36.38 0.92 0.00	29.28 0.72 0.00	34.79 0.45 0.00	30.69 0.47 0.00	29.00 0.68 0.00
BETHLHEM_115KV_TB1 79974	21.12 0.49 0.00	19.45 0.54 0.00	19.69 0.51 0.00	17.40 0.47 0.00	21.39 0.50 0.00	24.41 0.49 0.00	24.99 0.51 0.00	25.59 0.43 0.00	36.79 0.59 0.00	36.70 0.64 0.00	35.84 0.63 0.00	35.33 0.57 0.00	33.15 0.31 0.00	33.88 0.18 0.00	36.76 0.12 0.00	35.64 0.11 0.00	38.90 0.13 0.00	39.01 0.21 0.00	35.71 0.29 0.00	35.74 0.28 0.00	28.69 0.13 0.00	34.31 -0.02 0.00	30.18 -0.04 0.00	28.23 -0.09 0.00
BETHPAGE_CC_5 323564	21.80 1.17 0.00	20.06 1.15 0.00	20.26 1.08 0.00	17.89 0.97 0.00	21.99 1.10 0.00	25.06 1.14 0.00	25.96 1.48 0.00	26.90 1.74 0.00	38.62 2.42 0.00	38.75 2.69 0.00	40.25 2.86 -2.19	38.03 2.76 -0.51	35.49 2.64 0.00	36.00 2.30 0.00	38.91 2.26 0.00	37.68 2.14 0.00	41.00 2.24 0.00	41.35 2.53 -0.01	38.65 2.44 -0.80	46.15 2.53 -8.16	42.02 1.86 -11.61	36.68 1.92 -0.43	31.79 1.57 0.00	29.73 1.40 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.76 -0.86 0.00	17.98 -0.93 0.00	18.47 -0.72 0.00	16.28 -0.65 0.00	20.42 -0.47 0.00	23.76 -0.16 0.00	24.45 -0.04 0.00	24.83 -0.33 0.00	35.56 -0.63 0.00	35.13 -0.93 0.00	34.35 -0.85 0.00	34.41 -0.35 0.00	32.97 0.13 0.00	34.14 0.44 0.00	37.23 0.58 0.00	36.15 0.61 0.00	39.13 0.36 0.00	39.47 0.67 0.00	36.34 0.93 0.00	36.57 1.11 0.00	29.42 0.86 0.00	34.96 0.63 0.00	30.85 0.62 0.00	29.14 0.81 0.00

BINGHAMTON___COGEN 23790	20.63 0.00 0.00	18.91 0.00 0.00	19.30 0.12 0.00	16.98 0.05 0.00	21.00 0.11 0.00	24.20 0.28 0.00	24.92 0.44 0.00	25.65 0.49 0.00	37.04 0.84 0.00	36.77 0.72 0.00	35.95 0.75 0.00	35.55 0.79 0.00	33.55 0.70 0.00	34.35 0.65 0.00	37.57 0.93 0.00	36.22 0.69 0.00	39.41 0.64 0.00	39.76 0.95 0.00	36.33 0.91 0.00	36.51 1.05 0.00	29.35 0.80 0.00	35.15 0.82 0.00	30.99 0.77 0.00	29.11 0.78 0.00
BIXINCNT_115KV_LOAD 355685	19.15 -1.48 0.00	17.47 -1.45 0.00	17.92 -1.26 0.00	15.82 -1.11 0.00	19.82 -1.07 0.00	23.01 -0.91 0.00	23.75 -0.73 0.00	24.16 -1.01 0.00	34.94 -1.26 0.00	34.34 -1.72 0.00	33.57 -1.63 0.00	33.92 -0.83 0.00	32.85 0.00 0.00	34.68 0.98 0.00	37.50 0.85 0.00	36.18 0.64 0.00	38.92 0.16 0.00	39.77 0.96 0.00	36.82 1.40 0.00	37.11 1.65 0.00	29.82 1.26 0.00	35.53 1.20 0.00	31.43 1.21 0.00	29.64 1.31 0.00
BLACK RIVER___HYD 24047	19.75 -0.87 0.00	17.91 -1.01 0.00	18.19 -0.99 0.00	16.02 -0.91 0.00	19.79 -1.10 0.00	23.12 -1.07 -0.27	24.68 -0.93 -1.13	25.99 -0.85 -1.68	36.24 -1.19 -1.23	37.20 -0.98 -2.13	35.95 -1.31 -2.06	33.40 -0.95 0.40	33.93 -0.83 -1.91	34.35 -1.29 -1.94	37.17 -1.56 -2.09	36.53 -1.05 -2.04	40.99 0.07 -2.15	41.95 1.00 -2.14	38.45 1.02 -2.02	36.93 0.65 -0.81	29.21 0.66 0.00	36.35 0.69 -1.33	32.59 0.53 -1.83	30.58 0.48 -1.77
BLACKRVR_115KV_TB2 79977	19.75 -0.87 0.00	17.91 -1.00 0.00	18.19 -0.99 0.00	16.02 -0.91 0.00	19.79 -1.10 0.00	23.12 -1.07 -0.27	24.68 -0.93 -1.13	25.99 -0.86 -1.68	36.24 -1.19 -1.23	37.19 -1.00 -2.13	35.95 -1.31 -2.06	33.40 -0.95 0.40	33.93 -0.83 -1.91	34.35 -1.29 -1.94	37.17 -1.57 -2.09	36.52 -1.05 -2.04	40.99 0.07 -2.15	41.94 0.99 -2.14	38.45 1.02 -2.02	36.93 0.65 -0.81	29.21 0.66 0.00	36.35 0.69 -1.33	32.59 0.53 -1.83	30.58 0.49 -1.77
BLISS_WT_PWR 323608	18.88 -1.75 0.00	17.23 -1.69 0.00	17.67 -1.51 0.00	15.61 -1.32 0.00	19.55 -1.35 0.00	22.70 -1.22 0.00	23.42 -1.06 0.00	23.85 -1.32 0.00	34.55 -1.65 0.00	33.90 -2.16 0.00	33.15 -2.05 0.00	33.61 -1.15 0.00	32.70 -0.15 0.00	34.71 1.01 0.00	37.46 0.81 0.00	36.11 0.58 0.00	38.78 0.02 0.00	39.75 0.94 0.00	36.84 1.43 0.00	37.14 1.68 0.00	29.83 1.27 0.00	35.56 1.23 0.00	31.45 1.23 0.00	29.65 1.33 0.00
BLUESTONE___WT_PWR 323821	20.85 0.22 0.00	18.29 -0.62 0.00	19.50 0.32 0.00	16.73 -0.20 0.00	20.72 -0.17 0.00	24.55 0.63 0.00	24.30 -0.18 0.00	25.08 -0.09 0.00	36.59 0.39 0.00	36.47 0.41 0.00	35.64 0.44 0.00	35.18 0.42 0.00	33.31 0.47 0.00	33.63 -0.07 0.00	36.62 -0.03 0.00	35.51 -0.03 0.00	38.56 -0.21 0.00	39.00 0.19 0.00	35.60 0.19 0.00	35.70 0.24 0.00	28.65 0.09 0.00	34.23 -0.10 0.00	30.21 -0.01 0.00	30.26 1.94 0.00
BLUE_CIRC_CHEM_DRP 24182	21.24 0.61 0.00	19.54 0.62 0.00	19.80 0.61 0.00	17.48 0.55 0.00	21.52 0.63 0.00	24.57 0.65 0.00	25.16 0.69 0.00	25.84 0.67 0.00	37.18 0.98 0.00	37.05 0.99 0.00	36.18 0.98 0.00	35.67 0.91 0.00	33.48 0.64 0.00	34.27 0.56 0.00	37.17 0.52 0.00	36.04 0.50 0.00	39.33 0.57 0.00	39.44 0.64 0.00	36.10 0.69 0.00	36.16 0.70 0.00	29.02 0.46 0.00	34.74 0.40 0.00	30.55 0.33 0.00	28.60 0.27 0.00
BOC_GAS_DRP 24189	21.08 0.45 0.00	19.39 0.48 0.00	19.64 0.46 0.00	17.35 0.42 0.00	21.36 0.46 0.00	24.37 0.45 0.00	24.99 0.51 0.00	25.71 0.55 0.00	37.04 0.84 0.00	36.94 0.88 0.00	36.09 0.88 0.00	35.57 0.81 0.00	33.44 0.59 0.00	34.20 0.49 0.00	37.10 0.45 0.00	35.96 0.42 0.00	39.21 0.45 0.00	39.35 0.54 0.00	36.00 0.59 0.00	36.04 0.58 0.00	28.93 0.38 0.00	34.63 0.30 0.00	30.47 0.25 0.00	28.52 0.20 0.00
BOONVILLE_115KV_TB1 79983	20.63 0.00 0.00	18.79 -0.12 0.00	19.08 -0.10 0.00	16.82 -0.11 0.00	20.79 -0.11 0.00	24.03 -0.03 -0.15	25.18 0.08 -0.62	26.25 0.17 -0.92	37.34 0.35 -0.80	37.75 0.53 -1.16	36.62 0.29 -1.12	35.43 0.52 -0.15	34.41 0.51 -1.04	35.00 0.24 -1.06	37.76 -0.02 -1.14	36.83 0.18 -1.11	40.59 0.65 -1.18	41.20 1.23 -1.17	37.63 1.12 -1.10	36.83 0.93 -0.44	29.44 0.88 0.00	36.05 0.99 -0.73	32.05 0.82 -1.00	30.04 0.75 -0.97
BORALEX_4TH_BRANCH 23824	21.51 0.88 0.00	19.80 0.88 0.00	20.03 0.85 0.00	17.68 0.75 0.00	21.78 0.88 0.00	24.81 0.89 0.00	25.39 0.91 0.00	26.29 1.13 0.00	38.08 1.88 0.00	37.95 1.89 0.00	36.95 1.74 0.00	36.41 1.65 0.00	34.52 1.68 0.00	35.56 1.85 0.00	37.98 1.33 0.00	36.77 1.24 0.00	40.10 1.33 0.00	40.04 1.24 0.00	36.69 1.28 0.00	36.56 1.10 0.00	29.35 0.79 0.00	35.07 0.74 0.00	30.86 0.63 0.00	28.68 0.36 0.00
BOWLINE___1 23526	21.40 0.77 0.00	19.72 0.81 0.00	19.96 0.77 0.00	17.64 0.71 0.00	21.70 0.81 0.00	24.70 0.78 0.00	25.45 0.97 0.00	26.41 1.24 0.00	38.14 1.94 0.00	38.15 2.09 0.00	37.30 2.09 0.00	36.79 2.03 0.00	34.85 2.00 0.00	35.56 1.85 0.00	38.40 1.76 0.00	37.07 1.54 0.00	40.40 1.64 0.00	40.66 1.86 0.00	37.22 1.80 0.00	37.28 1.82 0.00	29.85 1.30 0.00	35.58 1.25 0.00	31.31 1.09 0.00	29.29 0.97 0.00
BOWLINE___2 23595	21.40 0.77 0.00	19.72 0.81 0.00	19.96 0.77 0.00	17.64 0.71 0.00	21.70 0.81 0.00	24.70 0.78 0.00	25.45 0.97 0.00	26.41 1.24 0.00	38.14 1.94 0.00	38.15 2.09 0.00	37.30 2.09 0.00	36.79 2.03 0.00	34.85 2.00 0.00	35.56 1.85 0.00	38.40 1.76 0.00	37.07 1.54 0.00	40.40 1.64 0.00	40.66 1.86 0.00	37.22 1.80 0.00	37.28 1.82 0.00	29.86 1.30 0.00	35.58 1.25 0.00	31.31 1.09 0.00	29.29 0.97 0.00
BRADY___115KV_TB2 356060	20.82 0.19 0.00	19.02 0.10 0.00	19.25 0.06 0.00	16.99 0.06 0.00	20.99 0.10 0.00	24.55 0.18 -0.46	26.35 -0.03 -1.91	27.86 -0.15 -2.85	35.82 -0.32 0.06	39.28 -0.38 -3.60	38.28 -0.41 -3.48	27.53 -0.35 6.88	35.91 -0.17 -3.23	36.84 -0.14 -3.28	40.23 0.06 -3.53	39.11 0.13 -3.45	42.59 0.18 -3.64	42.34 -0.08 -3.62	38.81 -0.02 -3.41	36.86 0.02 -1.37	28.67 0.11 0.00	36.89 0.31 -2.25	33.55 0.23 -3.10	31.59 0.27 -3.00
BRANSCOMB___SOLAR 323811	21.32 0.69 0.00	19.60 0.68 0.00	19.83 0.65 0.00	17.51 0.58 0.00	21.59 0.70 0.00	24.66 0.74 0.00	25.37 0.89 0.00	26.23 1.06 0.00	37.94 1.74 0.00	37.80 1.74 0.00	36.86 1.65 0.00	36.34 1.59 0.00	34.28 1.43 0.00	35.22 1.52 0.00	37.97 1.32 0.00	36.76 1.22 0.00	40.14 1.38 0.00	40.24 1.44 0.00	36.87 1.46 0.00	36.81 1.35 0.00	29.54 0.99 0.00	35.28 0.95 0.00	31.00 0.77 0.00	28.93 0.61 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	21.97 1.34 0.00	20.20 1.29 0.00	20.40 1.22 0.00	18.01 1.09 0.00	22.15 1.26 0.00	25.24 1.32 0.00	26.24 1.77 0.00	27.16 1.99 0.00	38.85 2.65 0.00	38.99 2.93 0.00	39.27 3.11 -0.96	38.01 3.03 -0.22	35.77 2.92 0.00	36.22 2.52 0.00	39.18 2.54 0.00	37.98 2.44 0.00	41.29 2.53 0.00	41.69 2.88 -0.01	38.76 2.65 -0.70	45.19 2.82 -6.90	35.80 2.14 -5.10	36.77 2.26 -0.19	32.04 1.81 0.00	29.90 1.58 0.00

BRISTLHL_115KV_TB1 79998	20.01 -0.62 0.00	18.31 -0.61 0.00	18.61 -0.57 0.00	16.43 -0.50 0.00	20.32 -0.57 0.00	23.35 -0.57 0.00	23.96 -0.51 0.00	24.60 -0.57 0.00	35.33 -0.87 0.00	35.15 -0.90 0.00	34.32 -0.88 0.00	33.97 -0.79 0.00	32.14 -0.71 0.00	32.95 -0.76 0.00	35.76 -0.88 0.00	34.79 -0.74 0.00	37.99 -0.78 0.00	38.16 -0.64 0.00	34.92 -0.50 0.00	34.97 -0.49 0.00	28.16 -0.40 0.00	33.67 -0.66 0.00	29.62 -0.61 0.00	27.82 -0.51 0.00
BROOKHAVEN___DRP 24191	21.86 1.23 0.00	20.09 1.18 0.00	20.29 1.11 0.00	17.92 0.99 0.00	22.03 1.14 0.00	25.13 1.21 0.00	26.28 1.80 0.00	27.07 1.91 0.00	38.25 2.05 0.00	38.41 2.35 0.00	38.53 2.50 -0.82	37.42 2.47 -0.19	35.27 2.42 0.00	35.61 1.91 0.00	38.62 1.97 0.00	37.45 1.92 0.00	40.70 1.94 0.00	41.13 2.31 -0.01	38.53 2.43 -0.69	44.67 2.45 -6.76	34.61 1.69 -4.36	36.35 1.86 -0.16	31.65 1.43 0.00	29.50 1.18 0.00
BROOKLYN_NAVY_YARD 23515	21.53 0.90 0.00	19.86 0.94 0.00	20.06 0.88 0.00	17.75 0.82 0.00	21.77 0.88 0.00	24.72 0.80 0.00	25.56 1.08 0.00	26.65 1.48 0.00	38.53 2.33 0.00	38.58 2.52 0.00	37.73 2.53 0.00	37.21 2.45 0.00	35.28 2.43 0.00	35.98 2.27 0.00	38.78 2.14 0.00	37.42 1.88 0.00	40.85 2.08 0.00	41.02 2.22 0.00	37.56 2.15 0.00	37.72 2.26 0.00	30.15 1.59 0.00	35.86 1.53 0.00	31.48 1.26 0.00	29.46 1.14 0.00
BROOKLYN___ARMY_DRP 323595	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.26 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.76 2.70 0.00	37.96 2.76 0.00	37.46 2.70 0.00	35.51 2.66 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.04 2.28 0.00	41.25 2.44 0.00	37.80 2.38 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.73 1.50 0.00	29.69 1.37 0.00
BROOKVLE_69_KV_TB1 55790	21.77 1.15 0.00	20.05 1.14 0.00	20.25 1.07 0.00	17.89 0.97 0.00	22.00 1.11 0.00	25.05 1.13 0.00	25.92 1.44 0.00	26.89 1.73 0.00	38.75 2.55 0.00	38.83 2.77 0.00	42.17 2.89 -4.08	38.51 2.80 -0.95	35.57 2.72 0.00	36.16 2.45 0.00	39.06 2.41 0.00	37.79 2.25 0.00	41.16 2.39 0.00	41.45 2.63 -0.02	39.05 2.51 -1.12	49.71 2.60 -11.64	52.04 1.90 -21.59	37.09 1.96 -0.80	31.82 1.60 0.00	29.74 1.42 0.00
BROOME_2_LFGE 323671	20.63 0.00 0.00	18.91 0.00 0.00	19.30 0.12 0.00	16.98 0.05 0.00	21.00 0.11 0.00	24.20 0.28 0.00	24.91 0.44 0.00	25.64 0.48 0.00	37.03 0.83 0.00	36.76 0.70 0.00	35.93 0.73 0.00	35.53 0.77 0.00	33.54 0.69 0.00	34.35 0.64 0.00	37.56 0.92 0.00	36.20 0.66 0.00	39.38 0.62 0.00	39.74 0.94 0.00	36.31 0.90 0.00	36.51 1.05 0.00	29.35 0.79 0.00	35.14 0.81 0.00	30.98 0.76 0.00	29.10 0.78 0.00
BROOME___LFGE 323600	20.63 0.00 0.00	18.91 0.00 0.00	19.30 0.12 0.00	16.98 0.05 0.00	21.00 0.11 0.00	24.20 0.28 0.00	24.91 0.44 0.00	25.64 0.48 0.00	37.03 0.83 0.00	36.76 0.70 0.00	35.93 0.73 0.00	35.53 0.77 0.00	33.54 0.69 0.00	34.35 0.64 0.00	37.56 0.92 0.00	36.20 0.66 0.00	39.38 0.62 0.00	39.74 0.94 0.00	36.31 0.90 0.00	36.51 1.05 0.00	29.35 0.79 0.00	35.14 0.81 0.00	30.98 0.76 0.00	29.10 0.78 0.00
BROWNFLS_115KV_TB_3_5 80003	20.10 -0.53 0.00	18.26 -0.66 0.00	18.50 -0.69 0.00	16.30 -0.63 0.00	20.14 -0.75 0.00	23.84 -0.77 -0.69	26.46 -0.90 -2.88	28.55 -0.91 -4.29	37.92 -1.27 -2.99	40.39 -1.09 -5.42	39.08 -1.36 -5.24	32.25 -1.08 1.43	36.88 -0.84 -4.86	37.49 -1.15 -4.94	40.65 -1.31 -5.32	39.81 -0.92 -5.19	43.76 -0.49 -5.48	44.15 -0.11 -5.45	40.56 0.01 -5.13	37.40 -0.13 -2.07	28.59 0.04 0.00	37.81 0.09 -3.39	34.93 0.04 -4.67	32.93 0.10 -4.51
BROWNSV1_27_KV_LOAD 356125	21.75 1.12 0.00	20.05 1.13 0.00	20.25 1.07 0.00	17.91 0.98 0.00	21.97 1.08 0.00	25.00 1.08 0.00	25.83 1.36 0.00	26.94 1.77 0.00	38.95 2.76 0.00	39.01 2.95 0.00	38.19 2.98 0.00	37.65 2.89 0.00	35.69 2.84 0.00	36.39 2.69 0.00	39.26 2.62 0.00	37.89 2.35 0.00	41.34 2.58 0.00	41.53 2.72 0.00	38.01 2.60 0.00	38.17 2.70 0.00	30.52 1.96 0.00	36.30 1.97 0.00	31.86 1.64 0.00	29.78 1.46 0.00
BURROWS___LYONSDAL 23803	20.43 -0.20 0.00	18.57 -0.34 0.00	18.86 -0.32 0.00	16.62 -0.31 0.00	20.53 -0.36 0.00	23.81 -0.31 -0.19	25.08 -0.21 -0.81	26.26 -0.11 -1.21	37.13 -0.05 -0.98	37.80 0.22 -1.53	36.56 -0.13 -1.48	34.96 0.20 0.00	34.45 0.23 -1.37	34.95 -0.14 -1.39	37.68 -0.47 -1.50	36.87 -0.13 -1.46	40.73 0.42 -1.55	41.50 1.16 -1.54	37.92 1.06 -1.45	36.86 0.81 -0.58	29.36 0.81 0.00	36.21 0.93 -0.96	32.31 0.77 -1.32	30.30 0.71 -1.27
CAITHNESS_CC_1 323624	21.83 1.21 0.00	20.07 1.16 0.00	20.27 1.08 0.00	17.90 0.97 0.00	22.01 1.12 0.00	25.09 1.17 0.00	26.19 1.72 0.00	27.01 1.85 0.00	38.29 2.09 0.00	38.45 2.39 0.00	38.56 2.54 -0.82	37.45 2.51 -0.19	35.28 2.43 0.00	35.65 1.95 0.00	38.61 1.97 0.00	37.42 1.88 0.00	40.69 1.93 0.00	41.11 2.29 -0.01	38.46 2.36 -0.69	44.62 2.41 -6.76	34.61 1.71 -4.34	36.34 1.85 -0.16	31.66 1.44 0.00	29.53 1.20 0.00
CALPINE BETH_PAGE_GT4 24209	21.79 1.16 0.00	20.06 1.15 0.00	20.26 1.08 0.00	17.89 0.97 0.00	21.99 1.10 0.00	25.05 1.13 0.00	25.93 1.45 0.00	26.87 1.70 0.00	38.59 2.39 0.00	38.70 2.64 0.00	40.81 2.82 -2.79	38.12 2.71 -0.65	35.44 2.59 0.00	35.93 2.23 0.00	38.83 2.18 0.00	37.61 2.07 0.00	40.92 2.16 0.00	41.27 2.45 -0.01	38.63 2.36 -0.85	46.70 2.45 -8.79	45.09 1.79 -14.75	36.73 1.85 -0.54	31.74 1.52 0.00	29.71 1.39 0.00
CALPINE_BETH_PAGE_GT_4 323586	21.79 1.16 0.00	20.06 1.15 0.00	20.26 1.08 0.00	17.89 0.96 0.00	21.99 1.10 0.00	25.05 1.13 0.00	25.94 1.46 0.00	26.87 1.71 0.00	38.59 2.39 0.00	38.72 2.65 0.00	40.81 2.82 -2.79	38.13 2.72 -0.65	35.44 2.59 0.00	35.93 2.23 0.00	38.83 2.19 0.00	37.60 2.06 0.00	40.92 2.16 0.00	41.27 2.45 -0.01	38.63 2.36 -0.85	46.70 2.45 -8.79	45.10 1.79 -14.75	36.73 1.85 -0.54	31.75 1.53 0.00	29.72 1.40 0.00
CALPINE_BP_GT1 23823	21.79 1.16 0.00	20.06 1.15 0.00	20.26 1.08 0.00	17.89 0.96 0.00	21.99 1.10 0.00	25.05 1.13 0.00	25.94 1.46 0.00	26.87 1.71 0.00	38.59 2.39 0.00	38.72 2.65 0.00	40.81 2.82 -2.79	38.13 2.72 -0.65	35.44 2.59 0.00	35.93 2.23 0.00	38.83 2.19 0.00	37.60 2.06 0.00	40.92 2.16 0.00	41.27 2.45 -0.01	38.63 2.36 -0.85	46.70 2.45 -8.79	45.10 1.79 -14.75	36.73 1.85 -0.54	31.75 1.53 0.00	29.72 1.40 0.00
CALSPAN___DRP 24200	19.70 -0.93 0.00	17.92 -1.00 0.00	18.40 -0.78 0.00	16.23 -0.71 0.00	20.36 -0.53 0.00	23.69 -0.23 0.00	24.36 -0.12 0.00	24.74 -0.43 0.00	35.41 -0.79 0.00	34.99 -1.07 0.00	34.21 -0.99 0.00	34.27 -0.49 0.00	32.83 -0.02 0.00	33.97 0.26 0.00	37.05 0.40 0.00	35.99 0.46 0.00	38.97 0.21 0.00	39.28 0.48 0.00	36.16 0.75 0.00	36.38 0.92 0.00	29.28 0.72 0.00	34.79 0.45 0.00	30.69 0.47 0.00	29.00 0.68 0.00

CALVERTON___SOLAR 323806	21.90 1.27 0.00	20.13 1.21 0.00	20.33 1.14 0.00	17.95 1.02 0.00	22.07 1.18 0.00	25.18 1.26 0.00	26.39 1.91 0.00	27.16 1.99 0.00	38.27 2.07 0.00	38.43 2.37 0.00	38.54 2.51 -0.82	37.44 2.49 -0.19	35.30 2.45 0.00	35.65 1.94 0.00	38.67 2.03 0.00	37.48 1.95 0.00	40.77 2.00 0.00	41.21 2.39 -0.01	38.65 2.55 -0.69	44.76 2.53 -6.76	34.65 1.73 -4.37	36.40 1.91 -0.16	31.69 1.46 0.00	29.53 1.21 0.00
CANDIGU_WT_PWR 323617	19.53 -1.10 0.00	17.94 -0.97 0.00	18.42 -0.77 0.00	16.16 -0.77 0.00	20.00 -0.89 0.00	23.17 -0.75 0.00	23.92 -0.56 0.00	24.55 -0.61 0.00	35.45 -0.75 0.00	35.12 -0.95 0.00	34.59 -0.61 0.00	34.28 -0.48 0.00	32.35 -0.50 0.00	33.01 -0.69 0.00	37.23 0.59 0.00	35.11 -0.43 0.00	38.19 -0.58 0.00	38.74 -0.06 0.00	35.44 2.55 0.00	35.86 0.40 0.00	29.17 0.62 0.00	35.09 0.76 0.00	31.17 0.95 0.00	29.26 0.94 0.00
CARR STREET_E_SYR 24060	20.09 -0.54 0.00	18.39 -0.53 0.00	18.70 -0.48 0.00	16.50 -0.42 0.00	20.43 -0.46 0.00	23.48 -0.44 0.00	24.11 -0.37 0.00	24.74 -0.42 0.00	35.54 -0.66 0.00	35.38 -0.68 0.00	34.56 -0.64 0.00	34.20 -0.55 0.00	32.39 -0.46 0.00	33.22 -0.48 0.00	36.09 -0.55 0.00	35.05 -0.49 0.00	38.24 -0.52 0.00	38.42 -0.38 0.00	35.14 -0.27 0.00	35.21 -0.25 0.00	28.34 -0.22 0.00	33.88 -0.45 0.00	29.79 -0.43 0.00	28.03 -0.29 0.00
CARTHAGE___PAPER 23857	20.01 -0.62 0.00	18.13 -0.79 0.00	18.40 -0.78 0.00	16.21 -0.72 0.00	20.02 -0.87 0.00	23.40 -0.83 -0.31	25.05 -0.74 -1.32	26.46 -0.67 -1.96	36.73 -0.90 -1.43	37.90 -0.63 -2.48	36.57 -1.03 -2.40	33.62 -0.65 0.49	34.54 -0.53 -2.22	34.96 -1.00 -2.26	37.78 -1.29 -2.43	37.16 -0.75 -2.38	41.49 0.22 -2.51	42.41 1.11 -2.49	38.86 1.10 -2.35	37.17 0.76 -0.95	29.32 0.77 0.00	36.75 0.87 -1.55	33.03 0.68 -2.13	31.00 0.62 -2.06
CASSADAGA_WT_PWR 323784	19.23 -1.40 0.00	17.57 -1.35 0.00	18.02 -1.16 0.00	15.88 -1.05 0.00	19.95 -0.94 0.00	23.24 -0.68 0.00	23.88 -0.60 0.00	24.43 -0.73 0.00	35.47 -0.72 0.00	35.96 -0.10 0.00	35.69 0.48 0.00	35.76 1.00 0.00	33.98 1.13 0.00	35.20 1.50 0.00	38.45 1.80 0.00	36.98 1.44 0.00	39.75 0.98 0.00	40.22 1.42 0.00	36.72 1.30 0.00	37.09 1.63 0.00	29.98 1.42 0.00	36.12 1.79 0.00	31.75 1.53 0.00	29.83 1.51 0.00
CE_DUNWOOD___DRP 24194	21.52 0.89 0.00	19.83 0.92 0.00	20.07 0.88 0.00	17.74 0.81 0.00	21.79 0.90 0.00	24.80 0.87 0.00	25.57 1.09 0.00	26.57 1.41 0.00	38.39 2.18 0.00	38.40 2.34 0.00	37.55 2.35 0.00	37.03 2.27 0.00	35.09 2.24 0.00	35.79 2.08 0.00	38.63 1.99 0.00	37.31 1.77 0.00	40.68 1.92 0.00	40.91 2.10 0.00	37.44 2.03 0.00	37.53 2.07 0.00	30.04 1.48 0.00	35.78 1.45 0.00	31.45 1.22 0.00	29.40 1.08 0.00
CE_MILLWOOD___DRP 24193	21.50 0.87 0.00	19.81 0.89 0.00	20.04 0.86 0.00	17.71 0.78 0.00	21.77 0.87 0.00	24.77 0.85 0.00	25.54 1.06 0.00	26.53 1.36 0.00	38.32 2.12 0.00	38.33 2.27 0.00	37.48 2.28 0.00	36.96 2.21 0.00	35.02 2.17 0.00	35.72 2.02 0.00	38.56 1.92 0.00	37.25 1.72 0.00	40.62 1.86 0.00	40.84 2.03 0.00	37.38 1.96 0.00	37.48 2.01 0.00	29.99 1.43 0.00	35.73 1.40 0.00	31.40 1.17 0.00	29.36 1.03 0.00
CE_NYC2_DRP 24202	21.59 0.96 0.00	19.90 0.99 0.00	20.11 0.92 0.00	17.79 0.86 0.00	21.79 0.90 0.00	24.80 0.87 0.00	25.62 1.15 0.00	26.70 1.53 0.00	38.58 2.38 0.00	38.64 2.58 0.00	37.81 2.60 0.00	37.29 2.54 0.00	35.35 2.50 0.00	36.04 2.34 0.00	38.84 2.19 0.00	37.51 1.97 0.00	40.92 2.15 0.00	41.11 2.30 0.00	37.64 2.22 0.00	37.77 2.31 0.00	30.20 1.65 0.00	35.91 1.58 0.00	31.56 1.34 0.00	29.53 1.21 0.00
CE_NYC_DRP 24195	21.57 0.94 0.00	19.88 0.97 0.00	20.09 0.91 0.00	17.77 0.84 0.00	21.80 0.91 0.00	24.78 0.86 0.00	25.60 1.12 0.00	26.67 1.51 0.00	38.57 2.38 0.00	38.62 2.56 0.00	37.80 2.60 0.00	37.27 2.51 0.00	35.34 2.49 0.00	36.02 2.32 0.00	38.85 2.20 0.00	37.49 1.96 0.00	40.91 2.14 0.00	41.08 2.28 0.00	37.60 2.19 0.00	37.74 2.28 0.00	30.18 1.62 0.00	35.90 1.56 0.00	31.52 1.30 0.00	29.49 1.17 0.00
CHAFFEE___LFGE 323603	19.90 -0.73 0.00	18.09 -0.83 0.00	18.59 -0.60 0.00	16.37 -0.56 0.00	20.55 -0.34 0.00	23.92 0.00 0.00	24.59 0.11 0.00	25.06 -0.11 0.00	35.89 -0.31 0.00	35.42 -0.63 0.00	34.68 -0.53 0.00	34.68 -0.08 0.00	33.24 0.40 0.00	34.35 0.65 0.00	37.46 0.82 0.00	36.38 0.85 0.00	39.42 0.66 0.00	39.76 0.95 0.00	36.57 1.15 0.00	36.80 1.34 0.00	29.61 1.06 0.00	35.17 0.83 0.00	31.00 0.78 0.00	29.25 0.93 0.00
CHATEAUG_35_KV_LOAD 355732	20.95 0.32 0.00	18.83 -0.09 0.00	18.66 -0.52 0.00	16.41 -0.52 0.00	20.23 -0.66 0.00	15.62 -0.81 7.50	-7.99 -1.04 31.43	-22.84 -1.14 46.87	-22.91 -1.71 57.40	-24.84 -1.71 59.19	-23.79 -1.72 57.28	-23.04 -1.67 56.13	-23.20 -1.41 54.64	-23.12 -1.42 55.41	-24.22 -1.37 59.50	-23.80 -1.21 58.13	-23.93 -1.31 61.39	-23.79 -1.57 61.02	-23.46 -1.40 57.48	11.07 -1.23 23.17	27.89 -0.66 0.00	-4.60 -1.01 37.92	-22.99 -0.96 52.26	-23.02 -0.86 50.49
CHATEAUG_WT_PWR 323614	20.94 0.31 0.00	18.75 -0.17 0.00	18.52 -0.66 0.00	16.26 -0.66 0.00	20.04 -0.85 0.00	15.84 -1.07 7.01	-6.19 -1.28 29.39	-20.06 -1.40 43.84	-19.85 -2.07 53.97	-21.32 -2.03 55.35	-20.37 -2.01 53.56	-20.55 -1.95 53.36	-20.05 -1.70 51.19	-19.89 -1.69 51.91	-20.77 -1.68 55.73	-20.48 -1.56 54.45	-20.42 -1.68 57.50	-20.29 -1.94 57.15	-20.18 -1.75 53.84	12.19 -1.57 21.70	27.68 -0.87 0.00	-2.54 -1.36 35.52	-20.00 -1.27 48.95	-20.12 -1.16 47.29
CHAT_HIGH_FALL_HYD 323578	20.95 0.32 0.00	18.83 -0.09 0.00	18.66 -0.52 0.00	16.41 -0.52 0.00	20.23 -0.66 0.00	15.62 -0.81 7.50	-7.99 -1.04 31.43	-22.84 -1.14 46.87	-22.91 -1.71 57.40	-24.84 -1.71 59.19	-23.79 -1.72 57.28	-23.04 -1.67 56.13	-23.20 -1.41 54.64	-23.12 -1.42 55.41	-24.22 -1.37 59.50	-23.80 -1.21 58.13	-23.93 -1.31 61.39	-23.79 -1.57 61.02	-23.46 -1.40 57.48	11.07 -1.23 23.17	27.89 -0.66 0.00	-4.60 -1.01 37.92	-22.99 -0.96 52.26	-23.02 -0.86 50.49
CHAUTAUQUA___LFGE 323629	19.56 -1.07 0.00	17.84 -1.08 0.00	18.32 -0.87 0.00	16.14 -0.79 0.00	20.25 -0.64 0.00	23.55 -0.37 0.00	24.20 -0.27 0.00	24.72 -0.45 0.00	35.58 -0.62 0.00	35.64 -0.42 0.00	35.07 -0.13 0.00	35.11 0.35 0.00	33.47 0.62 0.00	34.62 0.92 0.00	37.76 1.11 0.00	36.47 0.93 0.00	39.32 0.56 0.00	39.77 0.96 0.00	36.44 1.03 0.00	36.74 1.28 0.00	29.61 1.05 0.00	35.47 1.14 0.00	31.21 0.99 0.00	29.39 1.06 0.00
CHERRYST_13_KV_LD 356241	21.61 0.98 0.00	19.93 1.01 0.00	20.14 0.95 0.00	17.82 0.88 0.00	21.85 0.96 0.00	24.85 0.92 0.00	25.67 1.20 0.00	26.77 1.60 0.00	38.70 2.51 0.00	38.75 2.70 0.00	37.94 2.73 0.00	37.40 2.64 0.00	35.46 2.61 0.00	36.15 2.45 0.00	38.99 2.35 0.00	37.63 2.10 0.00	41.06 2.30 0.00	41.24 2.43 0.00	37.73 2.32 0.00	37.86 2.40 0.00	30.26 1.71 0.00	36.00 1.67 0.00	31.61 1.38 0.00	29.57 1.24 0.00

CHESTROR_138KV_BK263 355645	21.33 0.70 0.00	19.63 0.72 0.00	19.88 0.70 0.00	17.56 0.63 0.00	21.61 0.72 0.00	24.63 0.71 0.00	25.35 0.88 0.00	26.28 1.12 0.00	37.96 1.76 0.00	37.93 1.87 0.00	37.09 1.89 0.00	36.58 1.82 0.00	34.63 1.78 0.00	35.34 1.64 0.00	38.19 1.55 0.00	36.90 1.37 0.00	40.23 1.47 0.00	40.46 1.66 0.00	37.03 1.62 0.00	37.10 1.64 0.00	29.71 1.16 0.00	35.46 1.12 0.00	31.20 0.98 0.00	29.20 0.88 0.00
CH_MIDHUDSON___DRP 24192	21.76 1.14 0.00	20.02 1.11 0.00	20.27 1.09 0.00	17.91 0.98 0.00	22.04 1.15 0.00	25.14 1.21 0.00	25.92 1.45 0.00	26.91 1.75 0.00	38.91 2.71 0.00	38.88 2.83 0.00	38.03 2.83 0.00	37.52 2.76 0.00	35.53 2.68 0.00	36.24 2.54 0.00	39.14 2.50 0.00	37.86 2.32 0.00	41.29 2.53 0.00	41.52 2.72 0.00	38.04 2.62 0.00	38.11 2.65 0.00	30.50 1.95 0.00	36.34 2.01 0.00	31.93 1.70 0.00	29.81 1.48 0.00
CH_MISC_IPPS 23765	21.74 1.11 0.00	20.00 1.09 0.00	20.25 1.07 0.00	17.89 0.96 0.00	22.02 1.13 0.00	25.11 1.19 0.00	25.90 1.42 0.00	26.86 1.70 0.00	38.83 2.63 0.00	38.81 2.75 0.00	37.96 2.76 0.00	37.47 2.71 0.00	35.47 2.62 0.00	36.18 2.48 0.00	39.10 2.46 0.00	37.80 2.26 0.00	41.22 2.46 0.00	41.47 2.66 0.00	37.97 2.56 0.00	38.06 2.60 0.00	30.46 1.90 0.00	36.29 1.96 0.00	31.88 1.66 0.00	29.77 1.45 0.00
CH_RES_BVR_FALLS 23983	20.30 -0.34 0.00	18.50 -0.42 0.00	18.79 -0.40 0.00	16.53 -0.40 0.00	20.37 -0.53 0.00	23.32 -0.61 0.00	23.77 -0.71 0.00	24.36 -0.80 0.00	29.35 -1.19 5.67	34.95 -1.11 0.00	34.09 -1.12 0.00	17.31 -1.02 16.42	32.04 -0.80 0.00	32.78 -0.92 0.00	35.62 -1.02 0.00	34.65 -0.88 0.00	38.08 -0.68 0.00	38.28 -0.52 0.00	34.77 -0.65 0.00	34.84 -0.62 0.00	28.25 -0.30 0.00	34.19 -0.14 0.00	30.11 -0.11 0.00	28.22 -0.10 0.00
CH_RES_NIAGARA 23895	19.20 -1.43 0.00	17.41 -1.50 0.00	17.91 -1.27 0.00	15.82 -1.11 0.00	19.90 -0.99 0.00	23.14 -0.78 0.00	23.69 -0.79 0.00	24.02 -1.15 0.00	34.08 -2.12 0.00	33.54 -2.52 0.00	32.75 -2.46 0.00	32.77 -1.99 0.00	31.44 -1.41 0.00	32.49 -1.22 0.00	35.40 -1.24 0.00	34.57 -0.97 0.00	37.46 -1.30 0.00	37.64 -1.16 0.00	34.72 -0.69 0.00	34.87 -0.59 0.00	28.08 -0.47 0.00	33.23 -1.10 0.00	29.37 -0.86 0.00	27.84 -0.48 0.00
CH_RES_SYRACUSE 23985	20.22 -0.41 0.00	18.50 -0.42 0.00	18.83 -0.36 0.00	16.60 -0.33 0.00	20.53 -0.36 0.00	23.61 -0.31 0.00	24.25 -0.23 0.00	24.88 -0.28 0.00	35.74 -0.46 0.00	35.56 -0.50 0.00	34.74 -0.46 0.00	34.36 -0.40 0.00	32.52 -0.33 0.00	33.37 -0.33 0.00	36.29 -0.36 0.00	35.23 -0.30 0.00	38.43 -0.33 0.00	38.64 -0.16 0.00	35.34 -0.07 0.00	35.41 -0.05 0.00	28.50 -0.05 0.00	34.08 -0.25 0.00	29.94 -0.29 0.00	28.18 -0.15 0.00
CLINTON_WT_PWR 323605	20.94 0.31 0.00	18.75 -0.17 0.00	18.52 -0.66 0.00	16.26 -0.66 0.00	20.04 -0.85 0.00	15.84 -1.07 7.01	-6.19 -1.28 29.39	-20.06 -1.40 43.84	-19.85 -2.07 53.97	-21.32 -2.03 55.35	-20.37 -2.01 53.56	-20.55 -1.95 53.36	-20.05 -1.70 51.19	-19.89 -1.69 51.91	-20.77 -1.68 55.73	-20.48 -1.56 54.45	-20.42 -1.68 57.50	-20.29 -1.94 57.15	-20.18 -1.75 53.84	12.19 -1.57 21.70	27.68 -0.87 0.00	-2.54 -1.36 35.52	-20.00 -1.27 48.95	-20.12 -1.16 47.29
CLINTON___LFGE 323618	21.30 0.67 0.00	19.00 0.08 0.00	18.67 -0.52 0.00	16.38 -0.55 0.00	20.17 -0.72 0.00	15.78 -0.97 7.17	-6.71 -1.11 30.07	-20.88 -1.19 44.86	-20.66 -1.74 55.13	-22.09 -1.50 56.64	-21.05 -1.45 54.81	-20.90 -1.36 54.29	-20.76 -1.26 52.36	-20.62 -1.24 53.09	-21.37 -1.01 57.00	-21.02 -0.86 55.69	-20.97 -0.92 58.81	-20.84 -1.19 58.45	-20.75 -1.10 55.07	12.11 -1.15 22.20	28.11 -0.45 0.00	-2.92 -0.93 36.33	-20.69 -0.85 50.07	-20.81 -0.77 48.37
COBBLENY_34_KV_TB1 80064	19.90 -0.73 0.00	18.09 -0.82 0.00	18.59 -0.60 0.00	16.38 -0.55 0.00	20.55 -0.34 0.00	23.92 0.00 0.00	24.62 0.14 0.00	25.05 -0.12 0.00	35.88 -0.32 0.00	35.43 -0.63 0.00	34.66 -0.55 0.00	34.68 -0.08 0.00	33.21 0.36 0.00	34.34 0.64 0.00	37.44 0.79 0.00	36.36 0.82 0.00	39.40 0.63 0.00	39.73 0.93 0.00	36.56 1.15 0.00	36.80 1.34 0.00	29.61 1.06 0.00	35.15 0.82 0.00	31.01 0.79 0.00	29.25 0.93 0.00
COFFEEN___115KV_TB3 355620	19.88 -0.75 0.00	18.03 -0.89 0.00	18.31 -0.87 0.00	16.13 -0.80 0.00	19.93 -0.96 0.00	23.30 -0.89 -0.26	24.86 -0.72 -1.10	26.18 -0.62 -1.64	36.54 -0.85 -1.19	37.45 -0.67 -2.06	36.21 -0.99 -2.00	33.71 -0.66 0.39	34.14 -0.57 -1.86	34.57 -1.02 -1.88	37.42 -1.25 -2.03	36.79 -0.72 -1.98	41.23 0.37 -2.09	42.18 1.30 -2.08	38.68 1.31 -1.96	37.20 0.95 -0.79	29.44 0.89 0.00	36.55 0.92 -1.29	32.72 0.72 -1.78	30.69 0.65 -1.72
COLDSPRG_115KV_BK1 355956	20.11 -0.52 0.00	18.38 -0.54 0.00	18.84 -0.35 0.00	16.57 -0.36 0.00	20.80 -0.09 0.00	24.20 0.28 0.00	24.98 0.50 0.00	25.52 0.36 0.00	36.85 0.65 0.00	36.84 0.78 0.00	36.18 0.98 0.00	36.13 1.37 0.00	34.35 1.50 0.00	35.50 1.80 0.00	38.74 2.10 0.00	37.29 1.76 0.00	40.29 1.53 0.00	40.78 1.98 0.00	37.36 1.94 0.00	37.68 2.21 0.00	30.39 1.84 0.00	36.39 2.06 0.00	32.08 1.86 0.00	30.16 1.84 0.00
COLONIE_LFGE___ 323577	21.25 0.62 0.00	19.55 0.63 0.00	19.79 0.60 0.00	17.47 0.54 0.00	21.52 0.63 0.00	24.56 0.63 0.00	25.19 0.72 0.00	26.00 0.83 0.00	37.55 1.35 0.00	37.43 1.37 0.00	36.52 1.31 0.00	36.00 1.25 0.00	33.97 1.12 0.00	34.79 1.08 0.00	37.48 0.84 0.00	36.35 0.82 0.00	39.68 0.91 0.00	39.73 0.93 0.00	36.41 0.99 0.00	36.37 0.91 0.00	29.20 0.64 0.00	34.91 0.58 0.00	30.69 0.47 0.00	28.66 0.33 0.00
COOPERNY_115KV_TB1 80082	21.13 0.51 0.00	19.44 0.52 0.00	19.70 0.51 0.00	17.39 0.46 0.00	21.42 0.53 0.00	24.46 0.54 0.00	25.15 0.67 0.00	26.02 0.85 0.00	37.63 1.44 0.00	37.59 1.53 0.00	36.75 1.55 0.00	36.25 1.50 0.00	34.30 1.45 0.00	34.97 1.26 0.00	37.83 1.18 0.00	36.56 1.03 0.00	39.85 1.09 0.00	40.06 1.26 0.00	36.64 1.22 0.00	36.71 1.25 0.00	29.45 0.89 0.00	35.19 0.85 0.00	30.99 0.77 0.00	29.02 0.70 0.00
COPENHAGEN_WT_PWR 323753	19.53 -1.10 0.00	17.70 -1.22 0.00	17.98 -1.21 0.00	15.83 -1.10 0.00	19.54 -1.35 0.00	22.80 -1.37 -0.25	24.27 -1.25 -1.04	25.52 -1.20 -1.55	35.65 -1.69 -1.13	36.51 -1.51 -1.96	35.33 -1.77 -1.89	32.96 -1.43 0.36	33.32 -1.29 -1.76	33.76 -1.72 -1.78	36.54 -2.03 -1.92	35.88 -1.52 -1.88	40.55 -0.20 -1.98	41.58 0.81 -1.97	38.10 0.83 -1.85	36.62 0.41 -0.75	29.04 0.48 0.00	36.04 0.49 -1.22	32.31 0.40 -1.69	30.33 0.37 -1.63
CORNELL_____ 23752	20.34 -0.29 0.00	18.57 -0.34 0.00	18.95 -0.23 0.00	16.69 -0.24 0.00	20.68 -0.21 0.00	23.84 -0.08 0.00	24.48 0.01 0.00	25.12 -0.05 0.00	36.04 -0.16 0.00	35.89 -0.17 0.00	35.08 -0.13 0.00	34.69 -0.07 0.00	32.74 -0.11 0.00	33.69 -0.02 0.00	36.66 0.01 0.00	35.57 0.04 0.00	38.78 0.02 0.00	39.01 0.21 0.00	35.68 0.26 0.00	35.81 0.35 0.00	28.87 0.31 0.00	34.49 0.16 0.00	30.28 0.06 0.00	28.59 0.27 0.00

CORONA_69_KV_TB1 355595	21.80 1.17 0.00	20.06 1.14 0.00	20.26 1.08 0.00	17.89 0.97 0.00	22.00 1.11 0.00	25.05 1.13 0.00	25.93 1.45 0.00	26.85 1.68 0.00	38.63 2.43 0.00	38.74 2.68 0.00	50.16 2.84 -12.12	40.34 2.73 -2.84	35.50 2.65 0.00	36.06 2.35 0.00	38.94 2.29 0.00	37.72 2.18 0.00	41.05 2.29 0.00	41.37 2.55 -0.02	39.03 2.37 -1.25	52.37 2.48 -14.43	94.66 1.88 -64.23	38.68 1.96 -2.38	31.83 1.60 0.00	29.75 1.42 0.00
CORTLAND_115KV_TB3 80093	20.75 0.12 0.00	18.97 0.05 0.00	19.27 0.09 0.00	17.02 0.09 0.00	21.06 0.16 0.00	24.22 0.30 0.00	24.96 0.48 0.00	25.67 0.50 0.00	36.94 0.74 0.00	36.81 0.75 0.00	35.95 0.75 0.00	35.53 0.77 0.00	33.57 0.72 0.00	34.33 0.63 0.00	37.15 0.50 0.00	36.13 0.60 0.00	39.64 0.87 0.00	40.00 1.20 0.00	36.53 1.11 0.00	36.57 1.11 0.00	29.50 0.94 0.00	35.28 0.95 0.00	30.98 0.76 0.00	29.11 0.79 0.00
COXSACKIE___GT 23611	22.13 1.49 0.00	20.33 1.41 0.00	20.60 1.41 0.00	18.19 1.26 0.00	22.40 1.51 0.00	25.68 1.76 0.00	26.38 1.90 0.00	27.09 1.92 0.00	39.09 2.89 0.00	38.99 2.94 0.00	38.08 2.87 0.00	37.54 2.78 0.00	35.21 2.36 0.00	36.00 2.30 0.00	39.08 2.43 0.00	37.93 2.40 0.00	41.48 2.72 0.00	41.67 2.86 0.00	38.15 2.73 0.00	38.22 2.75 0.00	30.56 2.01 0.00	36.44 2.11 0.00	31.91 1.69 0.00	29.75 1.43 0.00
CPV_VALLEY___CC1 323721	21.17 0.54 0.00	19.49 0.58 0.00	19.74 0.56 0.00	17.44 0.51 0.00	21.46 0.57 0.00	24.47 0.55 0.00	25.18 0.70 0.00	26.07 0.90 0.00	37.64 1.44 0.00	37.61 1.55 0.00	36.77 1.57 0.00	36.27 1.51 0.00	34.32 1.48 0.00	35.04 1.34 0.00	37.88 1.24 0.00	36.60 1.06 0.00	39.90 1.13 0.00	40.12 1.32 0.00	36.72 1.30 0.00	36.77 1.31 0.00	29.47 0.91 0.00	35.18 0.85 0.00	30.97 0.74 0.00	28.99 0.67 0.00
CPV_VALLEY___CC2 323722	21.17 0.54 0.00	19.49 0.58 0.00	19.74 0.56 0.00	17.44 0.51 0.00	21.46 0.57 0.00	24.47 0.55 0.00	25.18 0.70 0.00	26.07 0.90 0.00	37.64 1.44 0.00	37.61 1.55 0.00	36.77 1.57 0.00	36.27 1.51 0.00	34.32 1.48 0.00	35.04 1.34 0.00	37.88 1.24 0.00	36.60 1.06 0.00	39.90 1.13 0.00	40.12 1.32 0.00	36.72 1.30 0.00	36.77 1.31 0.00	29.47 0.91 0.00	35.18 0.85 0.00	30.97 0.74 0.00	28.99 0.67 0.00
CRESCENT___HYD 24018	21.25 0.62 0.00	19.55 0.63 0.00	19.79 0.60 0.00	17.47 0.54 0.00	21.52 0.63 0.00	24.56 0.63 0.00	25.19 0.72 0.00	26.00 0.83 0.00	37.55 1.35 0.00	37.43 1.37 0.00	36.52 1.31 0.00	36.00 1.25 0.00	33.97 1.12 0.00	34.79 1.08 0.00	37.48 0.84 0.00	36.35 0.82 0.00	39.68 0.91 0.00	39.73 0.93 0.00	36.41 0.99 0.00	36.37 0.91 0.00	29.20 0.64 0.00	34.91 0.58 0.00	30.69 0.47 0.00	28.66 0.33 0.00
CRICKET___VALLEY_CC1 323756	21.29 0.66 0.00	19.63 0.72 0.00	19.88 0.70 0.00	17.56 0.64 0.00	21.58 0.68 0.00	24.52 0.60 0.00	25.21 0.74 0.00	26.16 1.00 0.00	37.82 1.62 0.00	37.78 1.72 0.00	36.86 1.66 0.00	36.35 1.59 0.00	34.55 1.70 0.00	35.26 1.56 0.00	38.03 1.38 0.00	36.76 1.22 0.00	40.07 1.31 0.00	40.25 1.45 0.00	36.89 1.47 0.00	36.93 1.46 0.00	29.53 0.97 0.00	35.18 0.85 0.00	30.89 0.66 0.00	28.81 0.48 0.00
CRICKET___VALLEY_CC2 323757	21.29 0.66 0.00	19.63 0.72 0.00	19.88 0.70 0.00	17.56 0.64 0.00	21.58 0.68 0.00	24.52 0.60 0.00	25.21 0.74 0.00	26.16 1.00 0.00	37.82 1.62 0.00	37.78 1.72 0.00	36.86 1.66 0.00	36.35 1.59 0.00	34.55 1.70 0.00	35.26 1.56 0.00	38.03 1.38 0.00	36.76 1.22 0.00	40.07 1.31 0.00	40.25 1.45 0.00	36.89 1.47 0.00	36.93 1.46 0.00	29.53 0.97 0.00	35.18 0.85 0.00	30.89 0.66 0.00	28.81 0.48 0.00
CRICKET___VALLEY_CC3 323758	21.29 0.66 0.00	19.63 0.72 0.00	19.88 0.70 0.00	17.56 0.64 0.00	21.58 0.68 0.00	24.52 0.60 0.00	25.21 0.74 0.00	26.16 1.00 0.00	37.82 1.62 0.00	37.78 1.72 0.00	36.86 1.66 0.00	36.35 1.59 0.00	34.55 1.70 0.00	35.26 1.56 0.00	38.03 1.38 0.00	36.76 1.22 0.00	40.07 1.31 0.00	40.25 1.45 0.00	36.89 1.47 0.00	36.93 1.46 0.00	29.53 0.97 0.00	35.18 0.85 0.00	30.89 0.66 0.00	28.81 0.48 0.00
CRUCIBLE_METL_DRP 24180	20.22 -0.41 0.00	18.50 -0.42 0.00	18.83 -0.36 0.00	16.60 -0.33 0.00	20.53 -0.36 0.00	23.61 -0.31 0.00	24.26 -0.22 0.00	24.88 -0.28 0.00	35.73 -0.47 0.00	35.56 -0.50 0.00	34.74 -0.46 0.00	34.35 -0.40 0.00	32.52 -0.33 0.00	33.38 -0.33 0.00	36.28 -0.36 0.00	35.22 -0.31 0.00	38.42 -0.34 0.00	38.64 -0.17 0.00	35.34 -0.08 0.00	35.41 -0.05 0.00	28.50 -0.05 0.00	34.08 -0.25 0.00	29.94 -0.29 0.00	28.18 -0.14 0.00
DAHOWA___HYDRO 323763	21.32 0.69 0.00	19.60 0.68 0.00	19.83 0.65 0.00	17.50 0.57 0.00	21.58 0.69 0.00	24.66 0.74 0.00	25.38 0.91 0.00	26.26 1.09 0.00	38.02 1.82 0.00	37.88 1.82 0.00	36.92 1.71 0.00	36.40 1.64 0.00	34.32 1.47 0.00	35.32 1.62 0.00	38.06 1.42 0.00	36.83 1.29 0.00	40.21 1.45 0.00	40.32 1.51 0.00	36.95 1.54 0.00	36.88 1.42 0.00	29.60 1.05 0.00	35.31 0.98 0.00	31.02 0.80 0.00	28.94 0.61 0.00
DANC___LFGE 323619	19.67 -0.96 0.00	17.90 -1.02 0.00	18.19 -0.99 0.00	16.03 -0.90 0.00	19.79 -1.10 0.00	22.98 -1.11 -0.17	24.19 -1.01 -0.72	25.24 -1.00 -1.07	35.57 -1.43 -0.80	36.08 -1.33 -1.36	35.04 -1.48 -1.31	33.35 -1.18 0.22	33.00 -1.06 -1.22	33.59 -1.35 -1.24	36.39 -1.59 -1.33	35.61 -1.23 -1.30	39.66 -0.47 -1.37	40.38 0.21 -1.36	36.98 0.28 -1.29	36.01 0.03 -0.52	28.66 0.11 0.00	35.18 0.00 -0.85	31.36 -0.04 -1.17	29.45 0.00 -1.13
DANSKAMMER___1 23586	21.74 1.11 0.00	20.00 1.09 0.00	20.25 1.07 0.00	17.89 0.96 0.00	22.02 1.13 0.00	25.11 1.19 0.00	25.90 1.42 0.00	26.86 1.70 0.00	38.83 2.63 0.00	38.81 2.75 0.00	37.96 2.76 0.00	37.47 2.71 0.00	35.47 2.62 0.00	36.18 2.48 0.00	39.10 2.46 0.00	37.80 2.26 0.00	41.22 2.46 0.00	41.47 2.66 0.00	37.97 2.56 0.00	38.06 2.60 0.00	30.46 1.90 0.00	36.29 1.96 0.00	31.88 1.66 0.00	29.77 1.45 0.00
DANSKAMMER___2 23589	21.74 1.11 0.00	20.00 1.09 0.00	20.25 1.07 0.00	17.89 0.96 0.00	22.02 1.13 0.00	25.11 1.19 0.00	25.90 1.42 0.00	26.86 1.70 0.00	38.83 2.63 0.00	38.81 2.75 0.00	37.96 2.76 0.00	37.47 2.71 0.00	35.47 2.62 0.00	36.18 2.48 0.00	39.10 2.46 0.00	37.80 2.26 0.00	41.22 2.46 0.00	41.47 2.66 0.00	37.97 2.56 0.00	38.06 2.60 0.00	30.46 1.90 0.00	36.29 1.96 0.00	31.88 1.66 0.00	29.77 1.45 0.00
DANSKAMMER___3 23590	21.74 1.11 0.00	20.00 1.09 0.00	20.25 1.07 0.00	17.89 0.96 0.00	22.02 1.13 0.00	25.11 1.19 0.00	25.90 1.42 0.00	26.86 1.70 0.00	38.83 2.63 0.00	38.81 2.75 0.00	37.96 2.76 0.00	37.47 2.71 0.00	35.47 2.62 0.00	36.18 2.48 0.00	39.10 2.46 0.00	37.80 2.26 0.00	41.22 2.46 0.00	41.47 2.66 0.00	37.97 2.56 0.00	38.06 2.60 0.00	30.46 1.90 0.00	36.29 1.96 0.00	31.88 1.66 0.00	29.77 1.45 0.00

DANSKAMMER___4 23591	21.74 1.11 0.00	20.00 1.09 0.00	20.25 1.07 0.00	17.89 0.96 0.00	22.02 1.13 0.00	25.11 1.19 0.00	25.90 1.42 0.00	26.86 1.70 0.00	38.83 2.63 0.00	38.81 2.75 0.00	37.96 2.76 0.00	37.47 2.71 0.00	35.47 2.62 0.00	36.18 2.48 0.00	39.10 2.46 0.00	37.80 2.26 0.00	41.22 2.46 0.00	41.47 2.66 0.00	37.97 2.56 0.00	38.06 2.60 0.00	30.46 1.90 0.00	36.29 1.96 0.00	31.88 1.66 0.00	29.77 1.45 0.00
DANSKAMMER___DIESEL 23592	21.74 1.11 0.00	20.00 1.09 0.00	20.25 1.07 0.00	17.89 0.96 0.00	22.02 1.13 0.00	25.11 1.19 0.00	25.90 1.42 0.00	26.86 1.70 0.00	38.83 2.63 0.00	38.80 2.74 0.00	37.96 2.76 0.00	37.46 2.71 0.00	35.47 2.62 0.00	36.18 2.48 0.00	39.10 2.46 0.00	37.80 2.27 0.00	41.22 2.45 0.00	41.47 2.67 0.00	37.97 2.56 0.00	38.06 2.60 0.00	30.46 1.90 0.00	36.29 1.96 0.00	31.88 1.66 0.00	29.77 1.45 0.00
DARBY___SOLAR 323810	21.32 0.70 0.00	19.61 0.69 0.00	19.84 0.66 0.00	17.51 0.58 0.00	21.60 0.71 0.00	24.66 0.74 0.00	25.37 0.90 0.00	26.24 1.07 0.00	37.97 1.77 0.00	37.83 1.77 0.00	36.87 1.67 0.00	36.36 1.61 0.00	34.30 1.45 0.00	35.25 1.55 0.00	37.99 1.34 0.00	36.79 1.25 0.00	40.16 1.40 0.00	40.27 1.46 0.00	36.90 1.49 0.00	36.85 1.38 0.00	29.57 1.02 0.00	35.30 0.96 0.00	31.02 0.80 0.00	28.95 0.62 0.00
DASHVILLE___HYD 23610	21.38 0.75 0.00	19.69 0.77 0.00	19.93 0.74 0.00	17.60 0.67 0.00	21.66 0.76 0.00	24.66 0.74 0.00	25.43 0.95 0.00	26.47 1.31 0.00	38.34 2.14 0.00	38.33 2.27 0.00	37.51 2.31 0.00	36.98 2.22 0.00	34.99 2.15 0.00	35.69 1.99 0.00	38.55 1.90 0.00	37.23 1.70 0.00	40.59 1.82 0.00	40.84 2.03 0.00	37.38 1.97 0.00	37.48 2.02 0.00	29.98 1.43 0.00	35.74 1.41 0.00	31.43 1.21 0.00	29.39 1.07 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	22.21 1.59 0.00	20.41 1.49 0.00	20.63 1.44 0.00	18.21 1.28 0.00	22.42 1.53 0.00	25.61 1.69 0.00	26.88 2.40 0.00	27.67 2.51 0.00	38.98 2.78 0.00	39.14 3.08 0.00	39.15 3.12 -0.83	38.15 3.20 -0.19	36.00 3.15 0.00	36.34 2.64 0.00	39.49 2.84 0.00	38.31 2.78 0.00	41.67 2.90 0.00	42.14 3.32 -0.01	39.51 3.41 -0.69	45.61 3.38 -6.76	35.29 2.36 -4.38	37.14 2.65 -0.16	32.29 2.07 0.00	30.04 1.72 0.00
DELAWARE___LFGE 323621	21.11 0.48 0.00	19.34 0.42 0.00	19.67 0.49 0.00	17.34 0.41 0.00	21.40 0.50 0.00	24.55 0.63 0.00	25.21 0.73 0.00	26.02 0.85 0.00	37.50 1.30 0.00	37.34 1.28 0.00	36.52 1.32 0.00	36.06 1.31 0.00	34.05 1.20 0.00	34.88 1.18 0.00	37.93 1.29 0.00	36.66 1.13 0.00	39.94 1.17 0.00	40.20 1.39 0.00	36.73 1.31 0.00	36.81 1.34 0.00	29.56 1.01 0.00	35.41 1.07 0.00	31.17 0.95 0.00	29.30 0.98 0.00
DERFIELD_115KV_TB7 355931	20.69 0.06 0.00	18.99 0.08 0.00	19.25 0.07 0.00	16.99 0.06 0.00	20.95 0.06 0.00	23.97 0.05 0.00	24.57 0.09 0.00	25.30 0.13 0.00	36.61 0.23 -0.18	36.32 0.25 0.00	35.45 0.25 0.00	35.52 0.23 -0.52	33.04 0.19 0.00	33.86 0.16 0.00	36.73 0.08 0.00	35.61 0.07 0.00	38.92 0.16 0.00	39.04 0.24 0.00	35.65 0.24 0.00	35.68 0.22 0.00	28.72 0.16 0.00	34.47 0.14 0.00	30.34 0.12 0.00	28.41 0.09 0.00
DOGLEVILLE___HYD 23807	20.47 -0.16 0.00	18.82 -0.09 0.00	19.08 -0.11 0.00	16.81 -0.12 0.00	20.70 -0.19 0.00	23.63 -0.29 0.00	24.32 -0.16 0.00	25.16 0.00 0.00	36.63 0.25 -0.18	36.46 0.40 0.00	35.47 0.26 0.00	35.51 0.23 -0.52	32.94 0.09 0.00	33.99 0.29 0.00	36.51 -0.13 0.00	35.27 -0.27 0.00	38.55 -0.21 0.00	38.70 -0.11 0.00	35.38 -0.04 0.00	35.43 -0.03 0.00	28.39 -0.17 0.00	34.01 -0.32 0.00	29.75 -0.47 0.00	27.72 -0.60 0.00
DUNKIRK___115KV_TB_200 55889	19.60 -1.03 0.00	17.87 -1.04 0.00	18.35 -0.83 0.00	16.16 -0.77 0.00	20.28 -0.61 0.00	23.58 -0.34 0.00	24.27 -0.20 0.00	24.75 -0.42 0.00	35.60 -0.60 0.00	35.59 -0.47 0.00	34.98 -0.23 0.00	35.03 0.27 0.00	33.37 0.52 0.00	34.53 0.83 0.00	37.66 1.02 0.00	36.39 0.85 0.00	39.25 0.49 0.00	39.69 0.89 0.00	36.40 0.98 0.00	36.68 1.22 0.00	29.56 1.00 0.00	35.36 1.03 0.00	31.15 0.93 0.00	29.33 1.01 0.00
DUNKIRK___1 23563	19.60 -1.03 0.00	17.87 -1.04 0.00	18.35 -0.83 0.00	16.16 -0.77 0.00	20.28 -0.61 0.00	23.58 -0.34 0.00	24.27 -0.20 0.00	24.75 -0.42 0.00	35.60 -0.60 0.00	35.59 -0.47 0.00	34.98 -0.23 0.00	35.03 0.27 0.00	33.37 0.52 0.00	34.53 0.83 0.00	37.66 1.02 0.00	36.39 0.85 0.00	39.25 0.49 0.00	39.69 0.89 0.00	36.40 0.98 0.00	36.68 1.22 0.00	29.56 1.00 0.00	35.36 1.03 0.00	31.15 0.93 0.00	29.33 1.01 0.00
DUNKIRK___2 23564	19.60 -1.03 0.00	17.87 -1.04 0.00	18.35 -0.83 0.00	16.16 -0.77 0.00	20.28 -0.61 0.00	23.58 -0.34 0.00	24.27 -0.20 0.00	24.75 -0.42 0.00	35.60 -0.60 0.00	35.59 -0.47 0.00	34.98 -0.23 0.00	35.03 0.27 0.00	33.37 0.52 0.00	34.53 0.83 0.00	37.66 1.02 0.00	36.39 0.85 0.00	39.25 0.49 0.00	39.69 0.89 0.00	36.40 0.98 0.00	36.68 1.22 0.00	29.56 1.00 0.00	35.36 1.03 0.00	31.15 0.93 0.00	29.33 1.01 0.00
DUNKIRK___3 23565	19.64 -0.99 0.00	17.90 -1.02 0.00	18.38 -0.80 0.00	16.19 -0.74 0.00	20.31 -0.59 0.00	23.61 -0.31 0.00	24.29 -0.19 0.00	24.75 -0.41 0.00	35.55 -0.65 0.00	35.38 -0.68 0.00	34.71 -0.49 0.00	34.73 -0.03 0.00	33.12 0.27 0.00	34.25 0.54 0.00	37.36 0.72 0.00	36.14 0.61 0.00	39.04 0.28 0.00	39.45 0.65 0.00	36.21 0.80 0.00	36.48 1.02 0.00	29.37 0.82 0.00	35.08 0.75 0.00	30.93 0.71 0.00	29.15 0.83 0.00
DUNKIRK___4 23566	19.64 -0.99 0.00	17.90 -1.02 0.00	18.38 -0.80 0.00	16.19 -0.74 0.00	20.31 -0.59 0.00	23.61 -0.31 0.00	24.29 -0.19 0.00	24.75 -0.41 0.00	35.55 -0.65 0.00	35.38 -0.68 0.00	34.71 -0.49 0.00	34.73 -0.03 0.00	33.12 0.27 0.00	34.25 0.54 0.00	37.36 0.72 0.00	36.14 0.61 0.00	39.04 0.28 0.00	39.45 0.65 0.00	36.21 0.80 0.00	36.48 1.02 0.00	29.37 0.82 0.00	35.08 0.75 0.00	30.93 0.71 0.00	29.15 0.83 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.55 0.93 0.00	19.87 0.95 0.00	20.10 0.91 0.00	17.76 0.83 0.00	21.81 0.92 0.00	24.82 0.90 0.00	25.61 1.13 0.00	26.62 1.46 0.00	38.46 2.26 0.00	38.48 2.41 0.00	37.64 2.44 0.00	37.12 2.36 0.00	35.18 2.33 0.00	35.87 2.16 0.00	38.71 2.06 0.00	37.39 1.86 0.00	40.78 2.02 0.00	40.99 2.18 0.00	37.52 2.11 0.00	37.63 2.17 0.00	30.11 1.55 0.00	35.85 1.52 0.00	31.51 1.28 0.00	29.45 1.13 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.50 0.87 0.00	19.80 0.88 0.00	20.04 0.85 0.00	17.70 0.77 0.00	21.79 0.90 0.00	24.84 0.92 0.00	25.60 1.12 0.00	26.55 1.38 0.00	38.36 2.16 0.00	38.34 2.27 0.00	37.50 2.30 0.00	36.99 2.23 0.00	35.02 2.17 0.00	35.72 2.02 0.00	38.60 1.96 0.00	37.31 1.78 0.00	40.68 1.91 0.00	40.93 2.12 0.00	37.46 2.05 0.00	37.55 2.08 0.00	30.06 1.51 0.00	35.84 1.51 0.00	31.52 1.30 0.00	29.47 1.15 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	21.60 0.97 0.00	19.88 0.97 0.00	20.08 0.90 0.00	17.77 0.84 0.00	21.76 0.87 0.00	24.80 0.88 0.00	25.62 1.14 0.00	26.69 1.53 0.00	38.53 2.33 0.00	38.58 2.52 0.00	37.73 2.53 0.00	37.23 2.47 0.00	35.28 2.43 0.00	35.96 2.26 0.00	38.75 2.11 0.00	37.44 1.90 0.00	40.84 2.08 0.00	41.02 2.22 0.00	37.56 2.14 0.00	37.72 2.26 0.00	30.16 1.61 0.00	35.86 1.53 0.00	31.54 1.32 0.00	29.57 1.24 0.00
E179THST_13_KV_LOAD 356214	21.68 1.06 0.00	19.96 1.04 0.00	20.16 0.97 0.00	17.83 0.90 0.00	21.84 0.95 0.00	24.89 0.97 0.00	25.73 1.25 0.00	26.80 1.64 0.00	38.71 2.51 0.00	38.75 2.70 0.00	37.91 2.70 0.00	37.41 2.65 0.00	35.45 2.60 0.00	36.13 2.43 0.00	38.95 2.30 0.00	37.62 2.08 0.00	41.05 2.28 0.00	41.24 2.43 0.00	37.75 2.34 0.00	37.92 2.46 0.00	30.32 1.76 0.00	36.04 1.71 0.00	31.69 1.47 0.00	29.70 1.38 0.00
EAST HAMPTON___GT 23717	22.26 1.63 0.00	20.46 1.54 0.00	20.67 1.49 0.00	18.25 1.33 0.00	22.48 1.59 0.00	25.68 1.76 0.00	26.96 2.48 0.00	27.77 2.61 0.00	39.13 2.93 0.00	39.28 3.22 0.00	39.25 3.22 -0.83	38.36 3.41 -0.19	36.15 3.30 0.00	36.50 2.80 0.00	39.66 3.01 0.00	38.45 2.92 0.00	41.84 3.07 0.00	42.33 3.51 -0.01	39.69 3.58 -0.69	45.80 3.58 -6.76	35.46 2.52 -4.38	37.32 2.83 -0.16	32.43 2.21 0.00	30.15 1.83 0.00
EAST RIVER___6 23660	21.56 0.94 0.00	19.88 0.97 0.00	20.09 0.91 0.00	17.77 0.84 0.00	21.80 0.91 0.00	24.79 0.87 0.00	25.61 1.13 0.00	26.70 1.54 0.00	38.59 2.39 0.00	38.64 2.58 0.00	37.83 2.62 0.00	37.29 2.53 0.00	35.36 2.51 0.00	36.05 2.35 0.00	38.87 2.22 0.00	37.52 1.99 0.00	40.93 2.17 0.00	41.10 2.30 0.00	37.63 2.21 0.00	37.76 2.30 0.00	30.19 1.63 0.00	35.89 1.56 0.00	31.53 1.31 0.00	29.52 1.19 0.00
EAST RIVER___7 23524	21.56 0.94 0.00	19.88 0.97 0.00	20.09 0.91 0.00	17.77 0.84 0.00	21.80 0.91 0.00	24.79 0.87 0.00	25.61 1.13 0.00	26.70 1.54 0.00	38.59 2.39 0.00	38.64 2.58 0.00	37.83 2.62 0.00	37.29 2.53 0.00	35.36 2.51 0.00	36.05 2.35 0.00	38.87 2.22 0.00	37.52 1.99 0.00	40.93 2.17 0.00	41.10 2.30 0.00	37.63 2.21 0.00	37.76 2.30 0.00	30.19 1.63 0.00	35.89 1.56 0.00	31.53 1.31 0.00	29.52 1.19 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.52 0.89 0.00	19.83 0.92 0.00	20.07 0.88 0.00	17.74 0.81 0.00	21.79 0.90 0.00	24.80 0.87 0.00	25.57 1.09 0.00	26.57 1.41 0.00	38.39 2.18 0.00	38.40 2.34 0.00	37.55 2.35 0.00	37.03 2.27 0.00	35.09 2.24 0.00	35.79 2.08 0.00	38.63 1.99 0.00	37.31 1.77 0.00	40.68 1.92 0.00	40.91 2.10 0.00	37.44 2.03 0.00	37.53 2.07 0.00	30.04 1.48 0.00	35.78 1.45 0.00	31.45 1.22 0.00	29.40 1.08 0.00
EAST_HAMPTON___DIESEL 23722	22.26 1.63 0.00	20.45 1.54 0.00	20.66 1.48 0.00	18.25 1.32 0.00	22.47 1.58 0.00	25.68 1.76 0.00	26.96 2.48 0.00	27.76 2.60 0.00	39.12 2.92 0.00	39.27 3.22 0.00	39.25 3.22 -0.83	38.36 3.41 -0.19	36.14 3.29 0.00	36.50 2.79 0.00	39.65 3.01 0.00	38.44 2.91 0.00	41.84 3.07 0.00	42.33 3.51 -0.01	39.68 3.58 -0.69	45.79 3.57 -6.76	35.45 2.51 -4.38	37.31 2.82 -0.16	32.42 2.20 0.00	30.15 1.82 0.00
EAST_POINT___SOLAR 323840	21.48 0.85 0.00	19.62 0.71 0.00	19.96 0.77 0.00	17.59 0.65 0.00	21.77 0.88 0.00	25.08 1.16 0.00	25.75 1.27 0.00	26.53 1.37 0.00	38.20 2.01 0.00	38.10 2.04 0.00	37.15 1.95 0.00	36.85 2.10 0.00	34.92 2.07 0.00	35.99 2.29 0.00	38.98 2.34 0.00	37.76 2.22 0.00	41.42 2.66 0.00	41.57 2.77 0.00	37.98 2.57 0.00	38.11 2.64 0.00	30.73 2.17 0.00	37.01 2.67 0.00	32.52 2.29 0.00	30.43 2.10 0.00
EAST_PULASKI___ESR 323781	19.87 -0.76 0.00	18.14 -0.77 0.00	18.44 -0.74 0.00	16.27 -0.66 0.00	20.09 -0.80 0.00	23.12 -0.80 0.00	23.76 -0.71 0.00	24.42 -0.74 0.00	34.88 -1.09 0.23	34.99 -1.07 0.00	34.09 -1.11 0.00	33.20 -0.90 0.66	32.06 -0.79 0.00	32.77 -0.94 0.00	35.53 -1.11 0.00	34.64 -0.89 0.00	38.08 -0.68 0.00	38.52 -0.28 0.00	35.24 -0.17 0.00	35.19 -0.28 0.00	28.36 -0.20 0.00	33.93 -0.40 0.00	29.82 -0.40 0.00	28.01 -0.31 0.00
EAST_RIVER___1 323558	21.56 0.94 0.00	19.88 0.97 0.00	20.09 0.91 0.00	17.77 0.84 0.00	21.80 0.91 0.00	24.78 0.86 0.00	25.61 1.13 0.00	26.68 1.51 0.00	38.57 2.37 0.00	38.63 2.57 0.00	37.80 2.60 0.00	37.27 2.51 0.00	35.33 2.48 0.00	36.02 2.32 0.00	38.85 2.20 0.00	37.49 1.95 0.00	40.90 2.14 0.00	41.09 2.28 0.00	37.60 2.19 0.00	37.74 2.28 0.00	30.18 1.62 0.00	35.90 1.56 0.00	31.52 1.30 0.00	29.50 1.17 0.00
EAST_RIVER___2 323559	21.56 0.94 0.00	19.88 0.97 0.00	20.09 0.91 0.00	17.77 0.84 0.00	21.80 0.91 0.00	24.79 0.87 0.00	25.61 1.13 0.00	26.70 1.54 0.00	38.59 2.39 0.00	38.64 2.58 0.00	37.83 2.62 0.00	37.29 2.53 0.00	35.36 2.51 0.00	36.05 2.35 0.00	38.87 2.22 0.00	37.52 1.99 0.00	40.93 2.17 0.00	41.10 2.30 0.00	37.63 2.21 0.00	37.76 2.30 0.00	30.19 1.63 0.00	35.89 1.56 0.00	31.53 1.31 0.00	29.52 1.19 0.00
EAST___DELAWARE_HYD 23607	21.49 0.86 0.00	19.93 1.01 0.00	20.19 1.01 0.00	17.85 0.92 0.00	21.99 1.10 0.00	25.12 1.20 0.00	25.90 1.43 0.00	26.90 1.74 0.00	38.94 2.74 0.00	38.95 2.89 0.00	38.21 3.01 0.00	37.71 2.95 0.00	35.66 2.81 0.00	36.29 2.59 0.00	39.16 2.52 0.00	37.92 2.39 0.00	41.35 2.59 0.00	41.63 2.82 0.00	38.11 2.69 0.00	38.17 2.70 0.00	30.54 1.98 0.00	36.39 2.05 0.00	31.99 1.77 0.00	29.92 1.60 0.00
EIGHT_POINT___WT_PWR 323820	19.09 -1.54 0.00	17.53 -1.38 0.00	17.99 -1.19 0.00	15.78 -1.15 0.00	19.54 -1.35 0.00	22.64 -1.29 0.00	23.36 -1.12 0.00	24.02 -1.15 0.00	34.71 -1.49 0.00	34.38 -1.67 0.00	33.91 -1.30 0.00	33.50 -1.25 0.00	31.55 -1.30 0.00	32.67 -1.03 0.00	37.57 0.93 0.00	35.18 -0.36 0.00	38.29 -0.48 0.00	38.86 0.06 0.00	35.65 0.23 0.00	36.25 0.79 0.00	29.58 1.02 0.00	35.54 1.21 0.00	31.60 1.37 0.00	29.64 1.32 0.00
ELBRIDGE_115KV_TB2 80188	20.09 -0.54 0.00	18.38 -0.53 0.00	18.73 -0.45 0.00	16.50 -0.43 0.00	20.42 -0.47 0.00	23.50 -0.42 0.00	24.13 -0.34 0.00	24.75 -0.41 0.00	35.53 -0.67 0.00	35.34 -0.72 0.00	34.55 -0.66 0.00	34.16 -0.60 0.00	32.29 -0.56 0.00	33.20 -0.50 0.00	36.12 -0.53 0.00	35.04 -0.49 0.00	38.18 -0.58 0.00	38.40 -0.40 0.00	35.09 -0.32 0.00	35.19 -0.27 0.00	28.35 -0.21 0.00	33.89 -0.44 0.00	29.76 -0.46 0.00	28.04 -0.28 0.00
ELEC_TRO_TEK 24086	21.68 1.05 0.00	19.96 1.04 0.00	20.16 0.97 0.00	17.81 0.88 0.00	21.88 0.99 0.00	24.92 1.00 0.00	25.79 1.31 0.00	26.72 1.55 0.00	38.44 2.24 0.00	38.55 2.49 0.00	44.09 2.64 -6.25	38.76 2.55 -1.46	35.31 2.46 0.00	35.86 2.15 0.00	38.73 2.09 0.00	37.50 1.96 0.00	40.82 2.06 0.00	41.13 2.31 -0.02	38.86 2.23 -1.22	50.74 2.32 -12.95	63.35 1.69 -33.10	37.28 1.73 -1.22	31.61 1.39 0.00	29.56 1.23 0.00

ELLENBURG_WT_PWR 323604	20.94 0.31 0.00	18.75 -0.17 0.00	18.52 -0.66 0.00	16.26 -0.66 0.00	20.04 -0.85 0.00	15.84 -1.07 7.01	-6.19 -1.28 29.39	-20.06 -1.40 43.84	-19.85 -2.07 53.97	-21.32 -2.03 55.35	-20.37 -2.01 53.56	-20.55 -1.95 53.36	-20.05 -1.70 51.19	-19.89 -1.69 51.91	-20.77 -1.68 55.73	-20.48 -1.56 54.45	-20.42 -1.68 57.50	-20.29 -1.94 57.15	-20.18 -1.75 53.84	12.19 -1.57 21.70	27.68 -0.87 0.00	-2.54 -1.36 35.52	-20.00 -1.27 48.95	-20.12 -1.16 47.29
ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.60 -1.03 0.00	17.81 -1.10 0.00	18.31 -0.88 0.00	16.15 -0.78 0.00	20.28 -0.61 0.00	23.58 -0.35 0.00	24.22 -0.26 0.00	24.61 -0.56 0.00	35.18 -1.02 0.00	34.77 -1.29 0.00	33.99 -1.21 0.00	34.03 -0.73 0.00	32.59 -0.26 0.00	33.70 0.00 0.00	36.76 0.11 0.00	35.73 0.20 0.00	38.70 -0.06 0.00	38.98 0.18 0.00	35.89 0.48 0.00	36.09 0.63 0.00	29.05 0.50 0.00	34.51 0.18 0.00	30.45 0.22 0.00	28.78 0.46 0.00
EMPIRE_CC_1 323656	21.13 0.50 0.00	19.46 0.54 0.00	19.69 0.50 0.00	17.39 0.46 0.00	21.41 0.52 0.00	24.39 0.47 0.00	24.97 0.49 0.00	25.69 0.53 0.00	37.05 0.85 0.00	36.95 0.89 0.00	36.04 0.83 0.00	35.48 0.72 0.00	33.14 0.28 0.00	33.87 0.17 0.00	36.77 0.12 0.00	35.69 0.15 0.00	38.94 0.17 0.00	39.00 0.19 0.00	35.76 0.35 0.00	35.77 0.31 0.00	28.74 0.18 0.00	34.37 0.04 0.00	30.29 0.07 0.00	28.39 0.07 0.00
EMPIRE_CC_2 323658	21.13 0.50 0.00	19.46 0.54 0.00	19.69 0.50 0.00	17.39 0.46 0.00	21.41 0.52 0.00	24.39 0.47 0.00	24.97 0.49 0.00	25.69 0.53 0.00	37.05 0.85 0.00	36.95 0.89 0.00	36.04 0.83 0.00	35.48 0.72 0.00	33.14 0.28 0.00	33.87 0.17 0.00	36.77 0.12 0.00	35.69 0.15 0.00	38.94 0.17 0.00	39.00 0.19 0.00	35.76 0.35 0.00	35.77 0.31 0.00	28.74 0.18 0.00	34.37 0.04 0.00	30.29 0.07 0.00	28.39 0.07 0.00
ENORWICH_115KV_TB1 80156	21.27 0.64 0.00	19.18 0.27 0.00	19.90 0.71 0.00	17.33 0.40 0.00	21.52 0.62 0.00	25.08 1.16 0.00	25.52 1.05 0.00	26.28 1.12 0.00	37.98 1.78 0.00	37.87 1.81 0.00	36.98 1.78 0.00	36.47 1.71 0.00	34.39 1.54 0.00	35.09 1.39 0.00	38.30 1.66 0.00	37.19 1.65 0.00	40.44 1.67 0.00	41.18 2.38 0.00	37.50 2.09 0.00	37.60 2.14 0.00	30.14 1.58 0.00	36.01 1.67 0.00	31.64 1.42 0.00	30.69 2.36 0.00
ERIE_ST__34_KV_TB1-2 80199	20.05 -0.58 0.00	18.24 -0.68 0.00	18.71 -0.47 0.00	16.49 -0.44 0.00	20.69 -0.20 0.00	24.06 0.14 0.00	24.78 0.30 0.00	25.17 0.01 0.00	36.09 -0.11 0.00	35.65 -0.40 0.00	34.84 -0.36 0.00	34.84 0.08 0.00	33.33 0.48 0.00	34.43 0.73 0.00	37.60 0.96 0.00	36.49 0.95 0.00	39.55 0.79 0.00	39.86 1.05 0.00	36.67 1.25 0.00	36.89 1.43 0.00	29.68 1.13 0.00	35.28 0.95 0.00	31.12 0.89 0.00	29.37 1.05 0.00
ERIE_WT_PWR 323693	19.70 -0.93 0.00	17.92 -0.99 0.00	18.41 -0.77 0.00	16.22 -0.71 0.00	20.35 -0.54 0.00	23.69 -0.23 0.00	24.35 -0.13 0.00	24.75 -0.42 0.00	35.45 -0.75 0.00	35.02 -1.03 0.00	34.28 -0.93 0.00	34.29 -0.47 0.00	32.89 0.04 0.00	34.01 0.31 0.00	37.10 0.46 0.00	36.04 0.51 0.00	38.98 0.22 0.00	39.32 0.52 0.00	36.17 0.76 0.00	36.40 0.94 0.00	29.29 0.74 0.00	34.82 0.49 0.00	30.72 0.50 0.00	29.01 0.69 0.00
ESPRGFLD_115KV_TB1 80157	21.27 0.64 0.00	19.41 0.49 0.00	19.76 0.57 0.00	17.42 0.49 0.00	21.54 0.65 0.00	24.86 0.94 0.00	25.53 1.06 0.00	26.34 1.17 0.00	37.97 1.77 0.00	37.82 1.76 0.00	36.95 1.75 0.00	36.59 1.83 0.00	34.65 1.80 0.00	35.64 1.94 0.00	38.77 2.12 0.00	37.49 1.95 0.00	40.99 2.23 0.00	41.23 2.43 0.00	37.69 2.28 0.00	37.79 2.33 0.00	30.46 1.90 0.00	36.62 2.29 0.00	32.21 1.99 0.00	30.30 1.98 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	20.32 -0.31 0.00	18.55 -0.37 0.00	18.93 -0.25 0.00	16.67 -0.27 0.00	20.66 -0.24 0.00	23.81 -0.12 0.00	24.44 -0.04 0.00	25.07 -0.10 0.00	35.97 -0.23 0.00	35.81 -0.25 0.00	35.00 -0.20 0.00	34.62 -0.14 0.00	32.71 -0.14 0.00	33.65 -0.05 0.00	36.65 0.01 0.00	35.57 0.04 0.00	38.78 0.02 0.00	39.01 0.21 0.00	35.68 0.26 0.00	35.81 0.35 0.00	28.87 0.31 0.00	34.49 0.16 0.00	30.28 0.06 0.00	28.59 0.27 0.00
ETNA____115KV_TB2 80207	20.32 -0.31 0.00	18.55 -0.37 0.00	18.93 -0.25 0.00	16.67 -0.27 0.00	20.66 -0.24 0.00	23.81 -0.12 0.00	24.44 -0.04 0.00	25.07 -0.10 0.00	35.97 -0.23 0.00	35.81 -0.25 0.00	35.00 -0.20 0.00	34.62 -0.14 0.00	32.71 -0.14 0.00	33.65 -0.05 0.00	36.65 0.01 0.00	35.57 0.04 0.00	38.78 0.02 0.00	39.01 0.21 0.00	35.68 0.26 0.00	35.81 0.35 0.00	28.87 0.31 0.00	34.49 0.16 0.00	30.28 0.06 0.00	28.59 0.27 0.00
EUCLID__115KV_TB2 356179	20.01 -0.62 0.00	18.31 -0.61 0.00	18.62 -0.56 0.00	16.43 -0.50 0.00	20.34 -0.55 0.00	23.37 -0.56 0.00	23.98 -0.49 0.00	24.60 -0.57 0.00	35.34 -0.86 0.00	35.17 -0.89 0.00	34.36 -0.84 0.00	34.00 -0.76 0.00	32.19 -0.66 0.00	33.03 -0.68 0.00	35.88 -0.76 0.00	34.83 -0.70 0.00	38.02 -0.75 0.00	38.20 -0.61 0.00	34.95 -0.47 0.00	35.00 -0.46 0.00	28.17 -0.38 0.00	33.69 -0.64 0.00	29.63 -0.59 0.00	27.87 -0.45 0.00
E_CANADA_CAP_HY 24051	21.41 0.78 0.00	19.56 0.64 0.00	19.89 0.70 0.00	17.53 0.60 0.00	21.70 0.81 0.00	25.00 1.08 0.00	25.68 1.20 0.00	26.42 1.25 0.00	38.03 1.83 0.00	37.92 1.86 0.00	36.98 1.78 0.00	36.68 1.92 0.00	34.76 1.91 0.00	35.85 2.15 0.00	38.85 2.20 0.00	37.63 2.09 0.00	41.29 2.52 0.00	41.43 2.63 0.00	37.85 2.43 0.00	37.97 2.50 0.00	30.64 2.08 0.00	36.91 2.57 0.00	32.46 2.24 0.00	30.39 2.06 0.00
E_CANADA_MHWK_HY 24050	20.47 -0.16 0.00	18.82 -0.09 0.00	19.08 -0.11 0.00	16.81 -0.12 0.00	20.70 -0.19 0.00	23.63 -0.29 0.00	24.32 -0.16 0.00	25.16 0.00 0.00	36.63 0.25 -0.18	36.46 0.40 0.00	35.47 0.26 0.00	35.51 0.23 -0.52	32.94 0.09 0.00	33.99 0.29 0.00	36.51 -0.13 0.00	35.27 -0.27 0.00	38.55 -0.21 0.00	38.70 -0.11 0.00	35.38 -0.04 0.00	35.43 -0.03 0.00	28.39 -0.17 0.00	34.01 -0.32 0.00	29.75 -0.47 0.00	27.72 -0.60 0.00
E_FISHKILL__LBMP 23776	21.40 0.77 0.00	19.71 0.80 0.00	19.96 0.78 0.00	17.64 0.71 0.00	21.67 0.78 0.00	24.67 0.75 0.00	25.40 0.93 0.00	26.36 1.19 0.00	38.07 1.87 0.00	38.05 1.99 0.00	37.19 1.99 0.00	36.66 1.91 0.00	34.73 1.88 0.00	35.43 1.73 0.00	38.26 1.62 0.00	36.97 1.43 0.00	40.31 1.55 0.00	40.51 1.71 0.00	37.09 1.67 0.00	37.16 1.70 0.00	29.75 1.19 0.00	35.48 1.14 0.00	31.19 0.97 0.00	29.16 0.84 0.00
FALCON__SEABRD_CC1 323796	21.31 0.69 0.00	18.96 0.05 0.00	18.59 -0.60 0.00	16.30 -0.63 0.00	20.07 -0.82 0.00	15.66 -1.14 7.11	-6.66 -1.32 29.82	-20.71 -1.40 44.48	-20.54 -2.05 54.70	-21.84 -1.74 56.16	-20.74 -1.60 54.35	-20.70 -1.51 53.95	-20.54 -1.47 51.92	-20.40 -1.45 52.65	-21.07 -1.19 56.53	-20.73 -1.04 55.23	-20.69 -1.13 58.32	-20.57 -1.40 57.97	-20.53 -1.34 54.61	11.98 -1.47 22.01	27.89 -0.67 0.00	-2.87 -1.18 36.03	-20.45 -1.02 49.65	-20.57 -0.93 47.97

FALCON___SEABRD_CC2 323797	21.31 0.69 0.00	18.96 0.05 0.00	18.59 -0.60 0.00	16.30 -0.63 0.00	20.07 -0.82 0.00	15.66 -1.14 7.11	-6.66 -1.32 29.82	-20.71 -1.40 44.48	-20.54 -2.05 54.70	-21.84 -1.74 56.16	-20.74 -1.60 54.35	-20.70 -1.51 53.95	-20.54 -1.47 51.92	-20.40 -1.45 52.65	-21.07 -1.19 56.53	-20.73 -1.04 55.23	-20.69 -1.13 58.32	-20.57 -1.40 57.97	-20.53 -1.34 54.61	11.98 -1.47 22.01	27.89 -0.67 0.00	-2.87 -1.18 36.03	-20.45 -1.02 49.65	-20.57 -0.93 47.97
FAR ROCKAWAY___4 23548	21.95 1.32 0.00	20.19 1.28 0.00	20.39 1.21 0.00	18.01 1.08 0.00	22.14 1.25 0.00	25.22 1.30 0.00	26.13 1.65 0.00	27.05 1.88 0.00	38.93 2.73 0.00	39.05 2.99 0.00	50.86 3.14 -12.51	40.75 3.05 -2.94	35.80 2.95 0.00	36.36 2.66 0.00	39.27 2.62 0.00	38.03 2.49 0.00	41.40 2.64 0.00	41.75 2.93 -0.02	39.01 2.47 -1.12	51.43 2.59 -13.38	96.98 2.12 -66.30	39.07 2.27 -2.46	32.08 1.85 0.00	29.98 1.66 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.58 0.95 0.00	19.90 0.98 0.00	20.11 0.92 0.00	17.79 0.86 0.00	21.81 0.92 0.00	24.79 0.87 0.00	25.62 1.14 0.00	26.70 1.53 0.00	38.60 2.40 0.00	38.65 2.59 0.00	37.83 2.62 0.00	37.29 2.53 0.00	35.35 2.50 0.00	36.04 2.34 0.00	38.87 2.23 0.00	37.51 1.98 0.00	40.93 2.17 0.00	41.11 2.30 0.00	37.63 2.21 0.00	37.77 2.31 0.00	30.20 1.65 0.00	35.93 1.60 0.00	31.55 1.33 0.00	29.50 1.18 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	21.60 0.97 0.00	19.91 1.00 0.00	20.12 0.93 0.00	17.80 0.87 0.00	21.83 0.94 0.00	24.82 0.90 0.00	25.63 1.16 0.00	26.72 1.55 0.00	38.63 2.43 0.00	38.68 2.62 0.00	37.85 2.65 0.00	37.31 2.56 0.00	35.38 2.53 0.00	36.07 2.37 0.00	38.91 2.26 0.00	37.54 2.01 0.00	40.96 2.20 0.00	41.14 2.33 0.00	37.66 2.25 0.00	37.81 2.35 0.00	30.23 1.67 0.00	35.96 1.63 0.00	31.58 1.35 0.00	29.53 1.21 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.57 0.94 0.00	19.89 0.98 0.00	20.10 0.92 0.00	17.78 0.85 0.00	21.81 0.92 0.00	24.79 0.87 0.00	25.61 1.13 0.00	26.69 1.53 0.00	38.59 2.39 0.00	38.64 2.58 0.00	37.81 2.61 0.00	37.27 2.51 0.00	35.34 2.49 0.00	36.03 2.33 0.00	38.86 2.22 0.00	37.50 1.97 0.00	40.91 2.15 0.00	41.10 2.29 0.00	37.61 2.20 0.00	37.76 2.30 0.00	30.18 1.63 0.00	35.91 1.58 0.00	31.54 1.31 0.00	29.50 1.17 0.00
FARRAGUT___LBMP 323566	21.56 0.93 0.00	19.88 0.97 0.00	20.09 0.91 0.00	17.77 0.84 0.00	21.79 0.90 0.00	24.77 0.85 0.00	25.59 1.11 0.00	26.67 1.50 0.00	38.56 2.36 0.00	38.60 2.54 0.00	37.77 2.57 0.00	37.24 2.48 0.00	35.30 2.46 0.00	36.00 2.30 0.00	38.82 2.18 0.00	37.46 1.92 0.00	40.88 2.11 0.00	41.06 2.25 0.00	37.58 2.16 0.00	37.72 2.26 0.00	30.17 1.61 0.00	35.88 1.54 0.00	31.51 1.29 0.00	29.47 1.15 0.00
FENNER___WINDPWR 24204	20.74 0.11 0.00	18.96 0.05 0.00	19.26 0.08 0.00	17.00 0.07 0.00	21.03 0.14 0.00	24.16 0.24 0.00	24.88 0.40 0.00	25.60 0.43 0.00	36.89 0.69 0.00	36.77 0.71 0.00	35.93 0.72 0.00	35.48 0.72 0.00	33.51 0.66 0.00	34.26 0.55 0.00	36.92 0.27 0.00	35.84 0.31 0.00	39.38 0.61 0.00	39.89 1.09 0.00	36.33 0.92 0.00	36.32 0.86 0.00	29.39 0.84 0.00	35.26 0.92 0.00	30.99 0.76 0.00	29.13 0.81 0.00
FIBERTEK___ENERGY 23856	20.22 -0.41 0.00	18.50 -0.42 0.00	18.83 -0.36 0.00	16.60 -0.33 0.00	20.53 -0.36 0.00	23.61 -0.31 0.00	24.26 -0.22 0.00	24.88 -0.28 0.00	35.73 -0.47 0.00	35.56 -0.50 0.00	34.74 -0.46 0.00	34.35 -0.40 0.00	32.52 -0.33 0.00	33.38 -0.33 0.00	36.28 -0.36 0.00	35.22 -0.31 0.00	38.42 -0.34 0.00	38.64 -0.17 0.00	35.34 -0.08 0.00	35.41 -0.05 0.00	28.50 -0.05 0.00	34.08 -0.25 0.00	29.94 -0.29 0.00	28.18 -0.14 0.00
FITZPATRICK____ 23598	19.84 -0.79 0.00	18.16 -0.75 0.00	18.46 -0.72 0.00	16.29 -0.64 0.00	20.14 -0.75 0.00	23.12 -0.80 0.00	23.69 -0.79 0.00	24.30 -0.87 0.00	34.91 -1.30 0.00	34.74 -1.32 0.00	33.94 -1.27 0.00	33.55 -1.21 0.00	31.75 -1.10 0.00	32.59 -1.11 0.00	35.41 -1.23 0.00	34.37 -1.16 0.00	37.51 -1.26 0.00	37.64 -1.16 0.00	34.41 -1.00 0.00	34.47 -0.99 0.00	27.75 -0.80 0.00	33.23 -1.10 0.00	29.23 -0.99 0.00	27.50 -0.82 0.00
FLOWRFLD_69_KV_BK1 356044	21.91 1.28 0.00	20.14 1.22 0.00	20.33 1.14 0.00	17.95 1.02 0.00	22.07 1.18 0.00	25.15 1.23 0.00	26.19 1.71 0.00	27.08 1.91 0.00	38.62 2.43 0.00	38.78 2.73 0.00	38.95 2.89 -0.86	37.78 2.82 -0.20	35.57 2.72 0.00	36.00 2.30 0.00	38.97 2.33 0.00	37.76 2.23 0.00	41.00 2.23 0.00	41.41 2.60 -0.01	38.67 2.56 -0.69	44.92 2.66 -6.80	35.10 2.00 -4.55	36.62 2.12 -0.17	31.91 1.68 0.00	29.75 1.43 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	21.77 1.14 0.00	20.03 1.12 0.00	20.29 1.10 0.00	17.92 0.99 0.00	22.05 1.16 0.00	25.15 1.22 0.00	25.94 1.46 0.00	26.92 1.75 0.00	38.93 2.73 0.00	38.90 2.84 0.00	38.05 2.85 0.00	37.53 2.78 0.00	35.54 2.69 0.00	36.25 2.54 0.00	39.18 2.53 0.00	37.87 2.34 0.00	41.29 2.53 0.00	41.55 2.74 0.00	38.04 2.63 0.00	38.13 2.66 0.00	30.51 1.96 0.00	36.35 2.02 0.00	31.93 1.71 0.00	29.82 1.50 0.00
FORT ORANGE____ 23900	21.27 0.64 0.00	19.58 0.67 0.00	19.82 0.64 0.00	17.52 0.59 0.00	21.54 0.65 0.00	24.59 0.67 0.00	25.19 0.71 0.00	25.82 0.66 0.00	37.14 0.94 0.00	37.04 0.99 0.00	36.17 0.97 0.00	35.66 0.90 0.00	33.44 0.59 0.00	34.18 0.47 0.00	37.05 0.41 0.00	35.96 0.42 0.00	39.26 0.49 0.00	39.38 0.57 0.00	36.05 0.63 0.00	36.09 0.63 0.00	28.96 0.40 0.00	34.61 0.28 0.00	30.43 0.21 0.00	28.45 0.12 0.00
FORT_DRUM_COGEN 23780	19.77 -0.86 0.00	17.92 -0.99 0.00	18.20 -0.98 0.00	16.03 -0.90 0.00	19.81 -1.09 0.00	23.14 -1.06 -0.28	24.71 -0.93 -1.16	26.05 -0.85 -1.74	36.29 -1.18 -1.27	37.28 -0.97 -2.19	36.03 -1.30 -2.12	33.39 -0.95 0.42	34.00 -0.82 -1.97	34.42 -1.28 -2.00	37.24 -1.56 -2.15	36.59 -1.04 -2.10	41.04 0.05 -2.22	42.00 0.99 -2.21	38.49 0.99 -2.08	36.94 0.63 -0.84	29.21 0.65 0.00	36.38 0.68 -1.37	32.65 0.53 -1.89	30.63 0.48 -1.83
FOX_HILLS___ESR 323835	21.73 1.10 0.00	20.01 1.10 0.00	20.21 1.03 0.00	17.88 0.96 0.00	21.93 1.04 0.00	24.97 1.05 0.00	25.76 1.28 0.00	26.82 1.66 0.00	38.67 2.48 0.00	38.68 2.63 0.00	37.90 2.70 0.00	37.43 2.67 0.00	35.49 2.64 0.00	36.19 2.48 0.00	38.89 2.24 0.00	37.59 2.05 0.00	40.95 2.19 0.00	41.14 2.34 0.00	37.78 2.37 0.00	37.92 2.46 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.75 1.53 0.00	29.73 1.41 0.00
FPL FAR_ROCK_GT1 24212	21.95 1.32 0.00	20.19 1.28 0.00	20.39 1.21 0.00	18.01 1.08 0.00	22.14 1.25 0.00	25.22 1.30 0.00	26.13 1.65 0.00	27.05 1.89 0.00	38.93 2.72 0.00	39.05 2.99 0.00	50.86 3.14 -12.51	40.75 3.06 -2.94	35.80 2.95 0.00	36.37 2.67 0.00	39.26 2.62 0.00	38.03 2.49 0.00	41.40 2.64 0.00	41.75 2.93 -0.02	39.01 2.47 -1.12	51.43 2.59 -13.38	96.98 2.12 -66.30	39.07 2.28 -2.46	32.08 1.86 0.00	29.98 1.66 0.00

FPL FAR_ROCK_GT2 23815	21.95 1.32 0.00	20.19 1.28 0.00	20.39 1.21 0.00	18.01 1.08 0.00	22.14 1.25 0.00	25.22 1.30 0.00	26.13 1.65 0.00	27.05 1.89 0.00	38.93 2.72 0.00	39.05 2.99 0.00	50.86 3.14 -12.51	40.75 3.06 -2.94	35.80 2.95 0.00	36.37 2.67 0.00	39.26 2.62 0.00	38.03 2.49 0.00	41.40 2.64 0.00	41.75 2.93 -0.02	39.01 2.47 -1.12	51.43 2.59 -13.38	96.98 2.12 -66.30	39.07 2.28 -2.46	32.08 1.86 0.00	29.98 1.66 0.00
FRANKLIN_FALL_HYD 24054	20.94 0.31 0.00	18.89 -0.03 0.00	18.81 -0.37 0.00	16.55 -0.38 0.00	20.41 -0.48 0.00	27.85 -0.56 -4.48	42.48 -0.79 -18.80	52.32 -0.88 -28.03	63.70 -1.31 -28.81	70.18 -1.28 -35.41	68.17 -1.30 -34.26	51.01 -1.23 -17.48	63.68 -0.95 -31.78	64.99 -0.96 -32.24	70.53 -0.84 -34.73	68.77 -0.69 -33.93	73.85 -0.74 -35.83	73.41 -1.01 -35.61	68.15 -0.82 -33.55	48.32 -0.67 -13.52	28.30 -0.26 0.00	55.99 -0.48 -22.13	60.20 -0.52 -30.50	57.38 -0.41 -29.47
FREEPORT_EQUS_GT1 23764	21.81 1.18 0.00	20.06 1.15 0.00	20.26 1.08 0.00	17.89 0.96 0.00	22.00 1.11 0.00	25.07 1.15 0.00	25.97 1.49 0.00	26.90 1.74 0.00	38.66 2.46 0.00	38.78 2.72 0.00	42.91 2.87 -4.83	38.67 2.78 -1.13	35.52 2.67 0.00	36.06 2.36 0.00	38.96 2.32 0.00	37.72 2.19 0.00	41.08 2.32 0.00	41.42 2.60 -0.01	38.84 2.50 -0.93	47.89 2.54 -9.88	55.98 1.86 -25.57	37.27 1.99 -0.95	31.84 1.62 0.00	29.76 1.43 0.00
FREEPORT___CT2 23818	21.81 1.18 0.00	20.06 1.15 0.00	20.26 1.08 0.00	17.89 0.96 0.00	22.00 1.11 0.00	25.07 1.15 0.00	25.97 1.49 0.00	26.90 1.74 0.00	38.66 2.46 0.00	38.78 2.72 0.00	42.91 2.87 -4.83	38.67 2.78 -1.13	35.52 2.67 0.00	36.06 2.36 0.00	38.96 2.32 0.00	37.72 2.19 0.00	41.08 2.32 0.00	41.42 2.60 -0.01	38.84 2.50 -0.93	47.89 2.54 -9.88	55.98 1.86 -25.57	37.27 1.99 -0.95	31.84 1.62 0.00	29.76 1.43 0.00
FRESHKLS_33_KV_LOAD 356253	21.78 1.15 0.00	20.06 1.15 0.00	20.27 1.09 0.00	17.93 1.00 0.00	22.01 1.12 0.00	25.04 1.12 0.00	25.81 1.33 0.00	26.84 1.68 0.00	38.61 2.41 0.00	38.57 2.51 0.00	37.82 2.62 0.00	37.36 2.60 0.00	35.43 2.59 0.00	36.13 2.43 0.00	38.71 2.07 0.00	37.47 1.94 0.00	40.78 2.02 0.00	40.97 2.17 0.00	37.77 2.36 0.00	37.89 2.43 0.00	30.39 1.83 0.00	36.10 1.77 0.00	31.79 1.57 0.00	29.82 1.49 0.00
FULTON COGEN____ 23766	20.01 -0.62 0.00	18.31 -0.61 0.00	18.61 -0.57 0.00	16.43 -0.50 0.00	20.32 -0.57 0.00	23.35 -0.57 0.00	23.96 -0.51 0.00	24.60 -0.57 0.00	35.33 -0.87 0.00	35.15 -0.90 0.00	34.32 -0.88 0.00	33.97 -0.79 0.00	32.14 -0.71 0.00	32.95 -0.76 0.00	35.76 -0.88 0.00	34.79 -0.74 0.00	37.99 -0.78 0.00	38.16 -0.64 0.00	34.92 -0.50 0.00	34.97 -0.49 0.00	28.16 -0.40 0.00	33.67 -0.66 0.00	29.62 -0.61 0.00	27.82 -0.51 0.00
FULTON___LFGE 323630	22.34 1.71 0.00	20.40 1.49 0.00	20.75 1.56 0.00	18.27 1.35 0.00	22.66 1.77 0.00	26.12 2.19 0.00	26.94 2.46 0.00	27.90 2.74 0.00	40.15 3.95 0.00	39.95 3.89 0.00	38.96 3.75 0.00	38.65 3.89 0.00	36.59 3.74 0.00	37.70 4.00 0.00	40.58 3.94 0.00	39.35 3.81 0.00	43.25 4.49 0.00	43.49 4.69 0.00	39.87 4.46 0.00	40.07 4.61 0.00	32.15 3.60 0.00	38.49 4.15 0.00	33.69 3.47 0.00	31.43 3.10 0.00
G.F.CEMENT___DRP 24184	21.35 0.72 0.00	19.62 0.71 0.00	19.85 0.66 0.00	17.51 0.58 0.00	21.60 0.71 0.00	24.69 0.77 0.00	25.45 0.97 0.00	26.36 1.20 0.00	38.25 2.05 0.00	38.11 2.05 0.00	37.10 1.90 0.00	36.57 1.81 0.00	34.44 1.59 0.00	35.56 1.86 0.00	38.36 1.71 0.00	37.05 1.52 0.00	40.44 1.68 0.00	40.58 1.77 0.00	37.18 1.77 0.00	37.10 1.64 0.00	29.76 1.21 0.00	35.45 1.12 0.00	31.16 0.94 0.00	29.05 0.73 0.00
GARDENVILLE___LBMP 24039	19.64 -0.99 0.00	17.85 -1.06 0.00	18.34 -0.84 0.00	16.17 -0.75 0.00	20.30 -0.59 0.00	23.61 -0.31 0.00	24.27 -0.21 0.00	24.66 -0.51 0.00	35.29 -0.92 0.00	34.89 -1.16 0.00	34.13 -1.08 0.00	34.18 -0.58 0.00	32.73 -0.12 0.00	33.86 0.15 0.00	36.92 0.28 0.00	35.86 0.32 0.00	38.82 0.06 0.00	39.14 0.33 0.00	36.03 0.61 0.00	36.25 0.78 0.00	29.18 0.62 0.00	34.67 0.34 0.00	30.59 0.37 0.00	28.91 0.59 0.00
GARDNVLA_35_KV_LD 355827	19.72 -0.91 0.00	17.93 -0.99 0.00	18.42 -0.76 0.00	16.24 -0.69 0.00	20.38 -0.51 0.00	23.71 -0.21 0.00	24.39 -0.08 0.00	24.78 -0.39 0.00	35.47 -0.73 0.00	35.04 -1.02 0.00	34.26 -0.94 0.00	34.33 -0.43 0.00	32.90 0.05 0.00	34.03 0.33 0.00	37.11 0.47 0.00	36.06 0.53 0.00	39.05 0.28 0.00	39.36 0.56 0.00	36.23 0.82 0.00	36.46 0.99 0.00	29.34 0.78 0.00	34.85 0.52 0.00	30.75 0.52 0.00	29.05 0.73 0.00
GELCKHM__115KV_LOAD 80723	20.09 -0.54 0.00	18.39 -0.53 0.00	18.70 -0.48 0.00	16.50 -0.43 0.00	20.41 -0.48 0.00	23.46 -0.46 0.00	24.08 -0.40 0.00	24.71 -0.46 0.00	35.50 -0.70 0.00	35.32 -0.74 0.00	34.51 -0.70 0.00	34.14 -0.62 0.00	32.32 -0.53 0.00	33.16 -0.54 0.00	36.03 -0.61 0.00	34.98 -0.55 0.00	38.18 -0.58 0.00	38.37 -0.43 0.00	35.09 -0.32 0.00	35.17 -0.30 0.00	28.30 -0.26 0.00	33.84 -0.49 0.00	29.75 -0.48 0.00	28.00 -0.32 0.00
GENERAL___MILLS 23808	19.70 -0.93 0.00	17.92 -1.00 0.00	18.40 -0.78 0.00	16.23 -0.71 0.00	20.36 -0.53 0.00	23.69 -0.23 0.00	24.36 -0.12 0.00	24.74 -0.43 0.00	35.41 -0.79 0.00	34.99 -1.07 0.00	34.21 -0.99 0.00	34.27 -0.49 0.00	32.83 -0.02 0.00	33.97 0.26 0.00	37.05 0.40 0.00	35.99 0.46 0.00	38.97 0.21 0.00	39.28 0.48 0.00	36.16 0.75 0.00	36.38 0.92 0.00	29.28 0.72 0.00	34.79 0.45 0.00	30.69 0.47 0.00	29.00 0.68 0.00
GE_PLASTICS___DRP 24183	21.15 0.52 0.00	19.46 0.54 0.00	19.71 0.52 0.00	17.41 0.48 0.00	21.42 0.53 0.00	24.45 0.53 0.00	25.05 0.57 0.00	25.73 0.57 0.00	37.05 0.84 0.00	36.94 0.89 0.00	36.09 0.88 0.00	35.57 0.82 0.00	33.41 0.56 0.00	34.15 0.45 0.00	37.05 0.41 0.00	35.92 0.39 0.00	39.20 0.44 0.00	39.32 0.52 0.00	35.98 0.56 0.00	36.02 0.56 0.00	28.91 0.35 0.00	34.59 0.26 0.00	30.43 0.20 0.00	28.47 0.15 0.00
GILBOA___1 23756	21.07 0.44 0.00	19.37 0.46 0.00	19.64 0.45 0.00	17.34 0.41 0.00	21.36 0.47 0.00	24.39 0.47 0.00	25.05 0.58 0.00	25.86 0.69 0.00	37.30 1.10 0.00	37.15 1.09 0.00	36.34 1.13 0.00	35.83 1.07 0.00	33.76 0.91 0.00	34.54 0.84 0.00	37.44 0.79 0.00	36.23 0.70 0.00	39.51 0.74 0.00	39.67 0.86 0.00	36.30 0.89 0.00	36.34 0.88 0.00	29.18 0.62 0.00	34.95 0.62 0.00	30.77 0.54 0.00	28.80 0.47 0.00
GILBOA___2 23757	21.07 0.44 0.00	19.37 0.46 0.00	19.64 0.45 0.00	17.34 0.41 0.00	21.36 0.47 0.00	24.39 0.47 0.00	25.05 0.58 0.00	25.86 0.69 0.00	37.30 1.10 0.00	37.15 1.09 0.00	36.34 1.13 0.00	35.83 1.07 0.00	33.76 0.91 0.00	34.54 0.84 0.00	37.44 0.79 0.00	36.23 0.70 0.00	39.51 0.74 0.00	39.67 0.86 0.00	36.30 0.89 0.00	36.34 0.88 0.00	29.18 0.62 0.00	34.95 0.62 0.00	30.77 0.54 0.00	28.80 0.47 0.00

GILBOA___3 23758	21.07 0.44 0.00	19.37 0.46 0.00	19.64 0.45 0.00	17.34 0.41 0.00	21.36 0.47 0.00	24.39 0.47 0.00	25.05 0.58 0.00	25.86 0.69 0.00	37.30 1.10 0.00	37.15 1.09 0.00	36.34 1.13 0.00	35.83 1.07 0.00	33.76 0.91 0.00	34.54 0.84 0.00	37.44 0.79 0.00	36.23 0.70 0.00	39.51 0.74 0.00	39.67 0.86 0.00	36.30 0.89 0.00	36.34 0.88 0.00	29.18 0.62 0.00	34.95 0.62 0.00	30.77 0.54 0.00	28.80 0.47 0.00
GILBOA___4 23759	21.07 0.44 0.00	19.37 0.46 0.00	19.64 0.45 0.00	17.34 0.41 0.00	21.36 0.47 0.00	24.39 0.47 0.00	25.05 0.58 0.00	25.86 0.69 0.00	37.30 1.10 0.00	37.15 1.09 0.00	36.34 1.13 0.00	35.83 1.07 0.00	33.76 0.91 0.00	34.54 0.84 0.00	37.44 0.79 0.00	36.23 0.70 0.00	39.51 0.74 0.00	39.67 0.86 0.00	36.30 0.89 0.00	36.34 0.88 0.00	29.18 0.62 0.00	34.95 0.62 0.00	30.77 0.54 0.00	28.80 0.47 0.00
GILBOA___ 23599	21.07 0.44 0.00	19.37 0.46 0.00	19.64 0.45 0.00	17.34 0.41 0.00	21.36 0.46 0.00	24.39 0.47 0.00	25.05 0.57 0.00	25.86 0.69 0.00	37.30 1.10 0.00	37.15 1.09 0.00	36.33 1.13 0.00	35.82 1.07 0.00	33.76 0.91 0.00	34.54 0.84 0.00	37.44 0.79 0.00	36.24 0.70 0.00	39.51 0.75 0.00	39.67 0.86 0.00	36.30 0.89 0.00	36.34 0.88 0.00	29.18 0.62 0.00	34.95 0.62 0.00	30.77 0.54 0.00	28.80 0.47 0.00
GINNA___ 23603	19.01 -1.62 0.00	17.33 -1.58 0.00	17.70 -1.48 0.00	15.63 -1.30 0.00	19.48 -1.40 0.00	22.55 -1.38 0.00	23.17 -1.31 0.00	23.68 -1.48 0.00	33.95 -2.25 0.00	33.67 -2.39 0.00	32.89 -2.31 0.00	32.65 -2.11 0.00	31.10 -1.75 0.00	32.04 -1.67 0.00	34.88 -1.76 0.00	33.95 -1.59 0.00	36.94 -1.83 0.00	37.09 -1.71 0.00	34.04 -1.38 0.00	34.14 -1.32 0.00	27.45 -1.10 0.00	32.69 -1.64 0.00	28.71 -1.52 0.00	27.03 -1.30 0.00
GLEN PARK___ 23778	19.83 -0.80 0.00	17.98 -0.93 0.00	18.26 -0.92 0.00	16.09 -0.84 0.00	19.87 -1.02 0.00	23.23 -0.96 -0.26	24.79 -0.80 -1.11	26.11 -0.70 -1.65	36.43 -0.97 -1.21	37.35 -0.79 -2.08	36.11 -1.11 -2.02	33.59 -0.78 0.39	34.05 -0.67 -1.87	34.48 -1.12 -1.90	37.32 -1.37 -2.04	36.69 -0.84 -2.00	41.12 0.25 -2.11	42.08 1.18 -2.09	38.58 1.19 -1.97	37.09 0.83 -0.80	29.35 0.79 0.00	36.46 0.82 -1.30	32.65 0.63 -1.79	30.63 0.57 -1.73
GLENDALE_27_KV_LOAD 356172	21.67 1.05 0.00	19.97 1.05 0.00	20.17 0.99 0.00	17.84 0.92 0.00	21.86 0.97 0.00	24.89 0.97 0.00	25.72 1.25 0.00	26.81 1.65 0.00	38.76 2.56 0.00	38.82 2.76 0.00	37.98 2.78 0.00	37.47 2.72 0.00	35.52 2.67 0.00	36.21 2.51 0.00	39.03 2.39 0.00	37.70 2.17 0.00	41.12 2.36 0.00	41.31 2.50 0.00	37.83 2.42 0.00	37.97 2.51 0.00	30.36 1.80 0.00	36.09 1.76 0.00	31.70 1.48 0.00	29.66 1.33 0.00
GLENWOOD_IC_1_G5 23712	21.70 1.07 0.00	19.98 1.07 0.00	20.20 1.01 0.00	17.84 0.91 0.00	21.93 1.04 0.00	24.97 1.05 0.00	25.82 1.34 0.00	26.80 1.63 0.00	38.62 2.42 0.00	38.69 2.63 0.00	42.04 2.75 -4.09	38.37 2.65 -0.96	35.44 2.59 0.00	36.04 2.34 0.00	38.93 2.28 0.00	37.65 2.11 0.00	41.01 2.25 0.00	41.30 2.48 -0.02	38.97 2.37 -1.19	50.16 2.46 -12.24	52.00 1.79 -21.65	36.95 1.82 -0.80	31.71 1.49 0.00	29.64 1.32 0.00
GLENWOOD_IC_2_G1 23688	21.62 0.99 0.00	19.91 1.00 0.00	20.13 0.94 0.00	17.79 0.86 0.00	21.86 0.97 0.00	24.88 0.95 0.00	25.71 1.23 0.00	26.68 1.52 0.00	38.47 2.27 0.00	38.53 2.47 0.00	37.87 2.55 -0.11	37.25 2.46 -0.03	35.26 2.41 0.00	35.89 2.19 0.00	38.75 2.11 0.00	37.46 1.93 0.00	40.82 2.06 0.00	41.08 2.28 0.00	37.65 2.19 -0.05	38.22 2.25 -0.51	30.79 1.64 -0.59	35.99 1.64 -0.02	31.57 1.35 0.00	29.51 1.19 0.00
GLENWOOD_IC_3_G1 23689	21.62 0.99 0.00	19.91 1.00 0.00	20.13 0.94 0.00	17.79 0.86 0.00	21.86 0.97 0.00	24.88 0.95 0.00	25.71 1.23 0.00	26.68 1.52 0.00	38.47 2.27 0.00	38.53 2.47 0.00	37.87 2.55 -0.11	37.25 2.46 -0.03	35.26 2.41 0.00	35.89 2.19 0.00	38.75 2.11 0.00	37.46 1.93 0.00	40.82 2.06 0.00	41.08 2.28 0.00	37.65 2.19 -0.05	38.22 2.25 -0.51	30.79 1.64 -0.59	35.99 1.64 -0.02	31.57 1.35 0.00	29.51 1.19 0.00
GLENWOOD___4 23550	21.70 1.07 0.00	19.98 1.07 0.00	20.20 1.01 0.00	17.84 0.91 0.00	21.93 1.04 0.00	24.97 1.05 0.00	25.82 1.34 0.00	26.80 1.63 0.00	38.62 2.42 0.00	38.69 2.63 0.00	42.04 2.75 -4.09	38.37 2.65 -0.96	35.44 2.59 0.00	36.04 2.34 0.00	38.93 2.28 0.00	37.65 2.11 0.00	41.01 2.25 0.00	41.30 2.48 -0.02	38.97 2.37 -1.19	50.16 2.46 -12.24	52.00 1.79 -21.65	36.95 1.82 -0.80	31.71 1.49 0.00	29.64 1.32 0.00
GLENWOOD___5 23614	21.70 1.07 0.00	19.98 1.07 0.00	20.20 1.01 0.00	17.84 0.91 0.00	21.93 1.04 0.00	24.97 1.05 0.00	25.82 1.34 0.00	26.80 1.63 0.00	38.62 2.42 0.00	38.69 2.63 0.00	42.04 2.75 -4.09	38.37 2.65 -0.96	35.44 2.59 0.00	36.04 2.34 0.00	38.93 2.28 0.00	37.65 2.11 0.00	41.01 2.25 0.00	41.30 2.48 -0.02	38.97 2.37 -1.19	50.16 2.46 -12.24	52.00 1.79 -21.65	36.95 1.82 -0.80	31.71 1.49 0.00	29.64 1.32 0.00
GLOBAL GREEN_PORT_GT1 23814	22.25 1.62 0.00	20.45 1.53 0.00	20.66 1.48 0.00	18.25 1.32 0.00	22.46 1.57 0.00	25.66 1.74 0.00	26.94 2.46 0.00	27.75 2.58 0.00	39.10 2.90 0.00	39.26 3.20 0.00	39.29 3.26 -0.83	38.33 3.38 -0.19	36.12 3.28 0.00	36.47 2.77 0.00	39.62 2.98 0.00	38.42 2.88 0.00	41.79 3.03 0.00	42.27 3.46 -0.01	39.64 3.54 -0.69	45.75 3.52 -6.76	35.42 2.48 -4.39	37.28 2.78 -0.16	32.39 2.17 0.00	30.13 1.81 0.00
GLOBE___DSASP 323697	19.16 -1.47 0.00	17.39 -1.53 0.00	17.88 -1.30 0.00	15.79 -1.14 0.00	19.86 -1.03 0.00	23.09 -0.83 0.00	23.64 -0.83 0.00	23.97 -1.20 0.00	34.00 -2.20 0.00	33.44 -2.62 0.00	32.66 -2.54 0.00	32.69 -2.07 0.00	31.36 -1.48 0.00	32.39 -1.31 0.00	35.31 -1.33 0.00	34.46 -1.08 0.00	37.36 -1.41 0.00	37.54 -1.27 0.00	34.64 -0.78 0.00	34.78 -0.68 0.00	28.00 -0.55 0.00	33.13 -1.20 0.00	29.29 -0.93 0.00	27.77 -0.56 0.00
GOETHSLN___LBMP 323567	21.48 0.85 0.00	19.80 0.89 0.00	20.02 0.84 0.00	17.71 0.78 0.00	21.72 0.83 0.00	24.68 0.75 0.00	25.47 1.00 0.00	26.55 1.38 0.00	38.37 2.17 0.00	38.41 2.35 0.00	37.60 2.39 0.00	37.06 2.30 0.00	35.14 2.30 0.00	35.84 2.13 0.00	38.63 1.99 0.00	37.27 1.74 0.00	40.68 1.91 0.00	40.86 2.05 0.00	37.41 2.00 0.00	37.54 2.07 0.00	30.01 1.46 0.00	35.70 1.37 0.00	31.37 1.15 0.00	29.35 1.03 0.00
GOLAH___69_KV_TB 1_2 80279	20.01 -0.62 0.00	18.21 -0.71 0.00	18.64 -0.55 0.00	16.45 -0.48 0.00	20.58 -0.31 0.00	23.86 -0.06 0.00	24.61 0.13 0.00	25.07 -0.10 0.00	35.94 -0.27 0.00	35.50 -0.56 0.00	34.65 -0.56 0.00	34.47 -0.29 0.00	32.85 0.00 0.00	33.95 0.25 0.00	36.95 0.30 0.00	35.94 0.41 0.00	39.08 0.31 0.00	39.29 0.48 0.00	36.12 0.71 0.00	36.30 0.84 0.00	29.25 0.69 0.00	34.73 0.39 0.00	30.52 0.29 0.00	28.82 0.49 0.00

GOODYEAR_LAKE_HYD 323669	21.22 0.59 0.00	19.40 0.48 0.00	19.74 0.56 0.00	17.41 0.49 0.00	21.49 0.60 0.00	24.74 0.82 0.00	25.41 0.93 0.00	26.23 1.06 0.00	37.83 1.63 0.00	37.67 1.61 0.00	36.85 1.64 0.00	36.42 1.66 0.00	34.41 1.56 0.00	35.29 1.58 0.00	38.41 1.76 0.00	37.10 1.57 0.00	40.45 1.69 0.00	40.71 1.90 0.00	37.23 1.82 0.00	37.31 1.85 0.00	29.99 1.44 0.00	35.94 1.61 0.00	31.62 1.40 0.00	29.77 1.45 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	20.66 0.03 0.00	18.93 0.02 0.00	19.33 0.14 0.00	17.00 0.07 0.00	21.03 0.14 0.00	24.24 0.32 0.00	24.96 0.49 0.00	25.69 0.53 0.00	37.09 0.89 0.00	36.83 0.77 0.00	36.00 0.79 0.00	35.59 0.84 0.00	33.59 0.74 0.00	34.38 0.68 0.00	37.60 0.96 0.00	36.24 0.71 0.00	39.43 0.66 0.00	39.79 0.98 0.00	36.35 0.93 0.00	36.54 1.08 0.00	29.38 0.82 0.00	35.18 0.85 0.00	31.01 0.79 0.00	29.12 0.80 0.00
GOUDEY___7 23579	20.67 0.04 0.00	18.95 0.03 0.00	19.34 0.16 0.00	17.01 0.08 0.00	21.05 0.15 0.00	24.26 0.34 0.00	24.98 0.50 0.00	25.72 0.55 0.00	37.12 0.92 0.00	36.86 0.80 0.00	36.03 0.82 0.00	35.63 0.87 0.00	33.62 0.78 0.00	34.42 0.72 0.00	37.64 1.00 0.00	36.28 0.75 0.00	39.47 0.71 0.00	39.83 1.03 0.00	36.39 0.98 0.00	36.58 1.12 0.00	29.41 0.86 0.00	35.21 0.88 0.00	31.04 0.82 0.00	29.15 0.83 0.00
GOUDEY___8 23580	20.66 0.03 0.00	18.93 0.02 0.00	19.33 0.14 0.00	17.00 0.07 0.00	21.03 0.14 0.00	24.24 0.32 0.00	24.96 0.49 0.00	25.69 0.53 0.00	37.09 0.89 0.00	36.83 0.77 0.00	36.00 0.79 0.00	35.59 0.84 0.00	33.59 0.74 0.00	34.38 0.68 0.00	37.60 0.96 0.00	36.24 0.71 0.00	39.43 0.66 0.00	39.79 0.98 0.00	36.35 0.93 0.00	36.54 1.08 0.00	29.38 0.82 0.00	35.18 0.85 0.00	31.01 0.79 0.00	29.12 0.80 0.00
GOWANUS_GT1_1 24077	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.26 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.76 2.70 0.00	37.96 2.76 0.00	37.46 2.70 0.00	35.51 2.66 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.04 2.28 0.00	41.25 2.44 0.00	37.80 2.38 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.73 1.50 0.00	29.69 1.37 0.00
GOWANUS_GT1_2 24078	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.26 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.76 2.70 0.00	37.96 2.76 0.00	37.46 2.70 0.00	35.51 2.66 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.04 2.28 0.00	41.25 2.44 0.00	37.80 2.38 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.73 1.50 0.00	29.69 1.37 0.00
GOWANUS_GT1_3 24079	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.26 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.76 2.70 0.00	37.96 2.76 0.00	37.46 2.70 0.00	35.51 2.66 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.04 2.28 0.00	41.25 2.44 0.00	37.80 2.38 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.73 1.50 0.00	29.69 1.37 0.00
GOWANUS_GT1_4 24080	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.26 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.76 2.70 0.00	37.96 2.76 0.00	37.46 2.70 0.00	35.51 2.66 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.04 2.28 0.00	41.25 2.44 0.00	37.80 2.38 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.73 1.50 0.00	29.69 1.37 0.00
GOWANUS_GT1_5 24084	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.26 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.76 2.70 0.00	37.96 2.76 0.00	37.46 2.70 0.00	35.51 2.66 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.04 2.28 0.00	41.25 2.44 0.00	37.80 2.38 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.73 1.50 0.00	29.69 1.37 0.00
GOWANUS_GT1_6 24111	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.26 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.76 2.70 0.00	37.96 2.76 0.00	37.46 2.70 0.00	35.51 2.66 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.04 2.28 0.00	41.25 2.44 0.00	37.80 2.38 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.73 1.50 0.00	29.69 1.37 0.00
GOWANUS_GT1_7 24112	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.26 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.76 2.70 0.00	37.96 2.76 0.00	37.46 2.70 0.00	35.51 2.66 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.04 2.28 0.00	41.25 2.44 0.00	37.80 2.38 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.73 1.50 0.00	29.69 1.37 0.00
GOWANUS_GT1_8 24113	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.26 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.76 2.70 0.00	37.96 2.76 0.00	37.46 2.70 0.00	35.51 2.66 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.04 2.28 0.00	41.25 2.44 0.00	37.80 2.38 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.73 1.50 0.00	29.69 1.37 0.00
GOWANUS_GT2_1 24114	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.27 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.77 2.71 0.00	37.96 2.76 0.00	37.48 2.72 0.00	35.50 2.65 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.05 2.28 0.00	41.24 2.44 0.00	37.80 2.39 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.74 1.51 0.00	29.70 1.37 0.00
GOWANUS_GT2_2 24115	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.27 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.77 2.71 0.00	37.96 2.76 0.00	37.48 2.72 0.00	35.50 2.65 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.05 2.28 0.00	41.24 2.44 0.00	37.80 2.39 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.74 1.51 0.00	29.70 1.37 0.00
GOWANUS_GT2_3 24116	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.27 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.77 2.71 0.00	37.96 2.76 0.00	37.48 2.72 0.00	35.50 2.65 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.05 2.28 0.00	41.24 2.44 0.00	37.80 2.39 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.74 1.51 0.00	29.70 1.37 0.00

GOWANUS_GT2_4 24117	21.71 <u>1.08</u> 0.00	19.99 <u>1.08</u> 0.00	20.19 <u>1.01</u> 0.00	17.86 <u>0.93</u> 0.00	21.90 <u>1.01</u> 0.00	24.93 <u>1.01</u> 0.00	25.74 <u>1.27</u> 0.00	26.81 <u>1.65</u> 0.00	38.72 <u>2.52</u> 0.00	38.77 <u>2.71</u> 0.00	37.96 <u>2.76</u> 0.00	37.48 <u>2.72</u> 0.00	35.50 <u>2.65</u> 0.00	36.21 <u>2.50</u> 0.00	38.97 <u>2.33</u> 0.00	37.66 <u>2.12</u> 0.00	41.05 <u>2.28</u> 0.00	41.24 <u>2.44</u> 0.00	37.80 <u>2.39</u> 0.00	37.94 <u>2.48</u> 0.00	30.37 <u>1.81</u> 0.00	36.10 <u>1.77</u> 0.00	31.74 <u>1.51</u> 0.00	29.70 <u>1.37</u> 0.00
GOWANUS_GT2_5 24118	21.71 <u>1.08</u> 0.00	19.99 <u>1.08</u> 0.00	20.19 <u>1.01</u> 0.00	17.86 <u>0.93</u> 0.00	21.90 <u>1.01</u> 0.00	24.93 <u>1.01</u> 0.00	25.74 <u>1.27</u> 0.00	26.81 <u>1.65</u> 0.00	38.72 <u>2.52</u> 0.00	38.77 <u>2.71</u> 0.00	37.96 <u>2.76</u> 0.00	37.48 <u>2.72</u> 0.00	35.50 <u>2.65</u> 0.00	36.21 <u>2.50</u> 0.00	38.97 <u>2.33</u> 0.00	37.66 <u>2.12</u> 0.00	41.05 <u>2.28</u> 0.00	41.24 <u>2.44</u> 0.00	37.80 <u>2.39</u> 0.00	37.94 <u>2.48</u> 0.00	30.37 <u>1.81</u> 0.00	36.10 <u>1.77</u> 0.00	31.74 <u>1.51</u> 0.00	29.70 <u>1.37</u> 0.00
GOWANUS_GT2_6 24119	21.71 <u>1.08</u> 0.00	19.99 <u>1.08</u> 0.00	20.19 <u>1.01</u> 0.00	17.86 <u>0.93</u> 0.00	21.90 <u>1.01</u> 0.00	24.93 <u>1.01</u> 0.00	25.74 <u>1.27</u> 0.00	26.81 <u>1.65</u> 0.00	38.72 <u>2.52</u> 0.00	38.77 <u>2.71</u> 0.00	37.96 <u>2.76</u> 0.00	37.48 <u>2.72</u> 0.00	35.50 <u>2.65</u> 0.00	36.21 <u>2.50</u> 0.00	38.97 <u>2.33</u> 0.00	37.66 <u>2.12</u> 0.00	41.05 <u>2.28</u> 0.00	41.24 <u>2.44</u> 0.00	37.80 <u>2.39</u> 0.00	37.94 <u>2.48</u> 0.00	30.37 <u>1.81</u> 0.00	36.10 <u>1.77</u> 0.00	31.74 <u>1.51</u> 0.00	29.70 <u>1.37</u> 0.00
GOWANUS_GT2_7 24120	21.71 <u>1.08</u> 0.00	19.99 <u>1.08</u> 0.00	20.19 <u>1.01</u> 0.00	17.86 <u>0.93</u> 0.00	21.90 <u>1.01</u> 0.00	24.93 <u>1.01</u> 0.00	25.74 <u>1.27</u> 0.00	26.81 <u>1.65</u> 0.00	38.72 <u>2.52</u> 0.00	38.77 <u>2.71</u> 0.00	37.96 <u>2.76</u> 0.00	37.48 <u>2.72</u> 0.00	35.50 <u>2.65</u> 0.00	36.21 <u>2.50</u> 0.00	38.97 <u>2.33</u> 0.00	37.66 <u>2.12</u> 0.00	41.05 <u>2.28</u> 0.00	41.24 <u>2.44</u> 0.00	37.80 <u>2.39</u> 0.00	37.94 <u>2.48</u> 0.00	30.37 <u>1.81</u> 0.00	36.10 <u>1.77</u> 0.00	31.74 <u>1.51</u> 0.00	29.70 <u>1.37</u> 0.00
GOWANUS_GT2_8 24121	21.71 <u>1.08</u> 0.00	19.99 <u>1.08</u> 0.00	20.19 <u>1.01</u> 0.00	17.86 <u>0.93</u> 0.00	21.90 <u>1.01</u> 0.00	24.93 <u>1.01</u> 0.00	25.74 <u>1.27</u> 0.00	26.81 <u>1.65</u> 0.00	38.72 <u>2.52</u> 0.00	38.77 <u>2.71</u> 0.00	37.96 <u>2.76</u> 0.00	37.48 <u>2.72</u> 0.00	35.50 <u>2.65</u> 0.00	36.21 <u>2.50</u> 0.00	38.97 <u>2.33</u> 0.00	37.66 <u>2.12</u> 0.00	41.05 <u>2.28</u> 0.00	41.24 <u>2.44</u> 0.00	37.80 <u>2.39</u> 0.00	37.94 <u>2.48</u> 0.00	30.37 <u>1.81</u> 0.00	36.10 <u>1.77</u> 0.00	31.74 <u>1.51</u> 0.00	29.70 <u>1.37</u> 0.00
GOWANUS_GT3_1 24122	21.71 <u>1.08</u> 0.00	19.99 <u>1.08</u> 0.00	20.19 <u>1.01</u> 0.00	17.86 <u>0.93</u> 0.00	21.90 <u>1.01</u> 0.00	24.93 <u>1.01</u> 0.00	25.74 <u>1.27</u> 0.00	26.81 <u>1.65</u> 0.00	38.72 <u>2.52</u> 0.00	38.77 <u>2.71</u> 0.00	37.96 <u>2.76</u> 0.00	37.48 <u>2.72</u> 0.00	35.50 <u>2.65</u> 0.00	36.21 <u>2.50</u> 0.00	38.97 <u>2.33</u> 0.00	37.66 <u>2.12</u> 0.00	41.05 <u>2.28</u> 0.00	41.24 <u>2.44</u> 0.00	37.80 <u>2.39</u> 0.00	37.94 <u>2.48</u> 0.00	30.37 <u>1.81</u> 0.00	36.10 <u>1.77</u> 0.00	31.74 <u>1.51</u> 0.00	29.70 <u>1.37</u> 0.00
GOWANUS_GT3_2 24123	21.71 <u>1.08</u> 0.00	19.99 <u>1.08</u> 0.00	20.19 <u>1.01</u> 0.00	17.86 <u>0.93</u> 0.00	21.90 <u>1.01</u> 0.00	24.93 <u>1.01</u> 0.00	25.74 <u>1.27</u> 0.00	26.81 <u>1.65</u> 0.00	38.72 <u>2.52</u> 0.00	38.77 <u>2.71</u> 0.00	37.96 <u>2.76</u> 0.00	37.48 <u>2.72</u> 0.00	35.50 <u>2.65</u> 0.00	36.21 <u>2.50</u> 0.00	38.97 <u>2.33</u> 0.00	37.66 <u>2.12</u> 0.00	41.05 <u>2.28</u> 0.00	41.24 <u>2.44</u> 0.00	37.80 <u>2.39</u> 0.00	37.94 <u>2.48</u> 0.00	30.37 <u>1.81</u> 0.00	36.10 <u>1.77</u> 0.00	31.74 <u>1.51</u> 0.00	29.70 <u>1.37</u> 0.00
GOWANUS_GT3_3 24124	21.71 <u>1.08</u> 0.00	19.99 <u>1.08</u> 0.00	20.19 <u>1.01</u> 0.00	17.86 <u>0.93</u> 0.00	21.90 <u>1.01</u> 0.00	24.93 <u>1.01</u> 0.00	25.74 <u>1.27</u> 0.00	26.81 <u>1.65</u> 0.00	38.72 <u>2.52</u> 0.00	38.77 <u>2.71</u> 0.00	37.96 <u>2.76</u> 0.00	37.48 <u>2.72</u> 0.00	35.50 <u>2.65</u> 0.00	36.21 <u>2.50</u> 0.00	38.97 <u>2.33</u> 0.00	37.66 <u>2.12</u> 0.00	41.05 <u>2.28</u> 0.00	41.24 <u>2.44</u> 0.00	37.80 <u>2.39</u> 0.00	37.94 <u>2.48</u> 0.00	30.37 <u>1.81</u> 0.00	36.10 <u>1.77</u> 0.00	31.74 <u>1.51</u> 0.00	29.70 <u>1.37</u> 0.00
GOWANUS_GT3_4 24125	21.71 <u>1.08</u> 0.00	19.99 <u>1.08</u> 0.00	20.19 <u>1.01</u> 0.00	17.86 <u>0.93</u> 0.00	21.90 <u>1.01</u> 0.00	24.93 <u>1.01</u> 0.00	25.74 <u>1.27</u> 0.00	26.81 <u>1.65</u> 0.00	38.72 <u>2.52</u> 0.00	38.77 <u>2.71</u> 0.00	37.96 <u>2.76</u> 0.00	37.48 <u>2.72</u> 0.00	35.50 <u>2.65</u> 0.00	36.21 <u>2.50</u> 0.00	38.97 <u>2.33</u> 0.00	37.66 <u>2.12</u> 0.00	41.05 <u>2.28</u> 0.00	41.24 <u>2.44</u> 0.00	37.80 <u>2.39</u> 0.00	37.94 <u>2.48</u> 0.00	30.37 <u>1.81</u> 0.00	36.10 <u>1.77</u> 0.00	31.74 <u>1.51</u> 0.00	29.70 <u>1.37</u> 0.00
GOWANUS_GT3_5 24126	21.71 <u>1.08</u> 0.00	19.99 <u>1.08</u> 0.00	20.19 <u>1.01</u> 0.00	17.86 <u>0.93</u> 0.00	21.90 <u>1.01</u> 0.00	24.93 <u>1.01</u> 0.00	25.74 <u>1.27</u> 0.00	26.81 <u>1.65</u> 0.00	38.72 <u>2.52</u> 0.00	38.77 <u>2.71</u> 0.00	37.96 <u>2.76</u> 0.00	37.48 <u>2.72</u> 0.00	35.50 <u>2.65</u> 0.00	36.21 <u>2.50</u> 0.00	38.97 <u>2.33</u> 0.00	37.66 <u>2.12</u> 0.00	41.05 <u>2.28</u> 0.00	41.24 <u>2.44</u> 0.00	37.80 <u>2.39</u> 0.00	37.94 <u>2.48</u> 0.00	30.37 <u>1.81</u> 0.00	36.10 <u>1.77</u> 0.00	31.74 <u>1.51</u> 0.00	29.70 <u>1.37</u> 0.00
GOWANUS_GT3_6 24127	21.71 <u>1.08</u> 0.00	19.99 <u>1.08</u> 0.00	20.19 <u>1.01</u> 0.00	17.86 <u>0.93</u> 0.00	21.90 <u>1.01</u> 0.00	24.93 <u>1.01</u> 0.00	25.74 <u>1.27</u> 0.00	26.81 <u>1.65</u> 0.00	38.72 <u>2.52</u> 0.00	38.77 <u>2.71</u> 0.00	37.96 <u>2.76</u> 0.00	37.48 <u>2.72</u> 0.00	35.50 <u>2.65</u> 0.00	36.21 <u>2.50</u> 0.00	38.97 <u>2.33</u> 0.00	37.66 <u>2.12</u> 0.00	41.05 <u>2.28</u> 0.00	41.24 <u>2.44</u> 0.00	37.80 <u>2.39</u> 0.00	37.94 <u>2.48</u> 0.00	30.37 <u>1.81</u> 0.00	36.10 <u>1.77</u> 0.00	31.74 <u>1.51</u> 0.00	29.70 <u>1.37</u> 0.00
GOWANUS_GT3_7 24128	21.71 <u>1.08</u> 0.00	19.99 <u>1.08</u> 0.00	20.19 <u>1.01</u> 0.00	17.86 <u>0.93</u> 0.00	21.90 <u>1.01</u> 0.00	24.93 <u>1.01</u> 0.00	25.74 <u>1.27</u> 0.00	26.81 <u>1.65</u> 0.00	38.72 <u>2.52</u> 0.00	38.77 <u>2.71</u> 0.00	37.96 <u>2.76</u> 0.00	37.48 <u>2.72</u> 0.00	35.50 <u>2.65</u> 0.00	36.21 <u>2.50</u> 0.00	38.97 <u>2.33</u> 0.00	37.66 <u>2.12</u> 0.00	41.05 <u>2.28</u> 0.00	41.24 <u>2.44</u> 0.00	37.80 <u>2.39</u> 0.00	37.94 <u>2.48</u> 0.00	30.37 <u>1.81</u> 0.00	36.10 <u>1.77</u> 0.00	31.74 <u>1.51</u> 0.00	29.70 <u>1.37</u> 0.00
GOWANUS_GT3_8 24129	21.71 <u>1.08</u> 0.00	19.99 <u>1.08</u> 0.00	20.19 <u>1.01</u> 0.00	17.86 <u>0.93</u> 0.00	21.90 <u>1.01</u> 0.00	24.93 <u>1.01</u> 0.00	25.74 <u>1.27</u> 0.00	26.81 <u>1.65</u> 0.00	38.72 <u>2.52</u> 0.00	38.77 <u>2.71</u> 0.00	37.96 <u>2.76</u> 0.00	37.48 <u>2.72</u> 0.00	35.50 <u>2.65</u> 0.00	36.21 <u>2.50</u> 0.00	38.97 <u>2.33</u> 0.00	37.66 <u>2.12</u> 0.00	41.05 <u>2.28</u> 0.00	41.24 <u>2.44</u> 0.00	37.80 <u>2.39</u> 0.00	37.94 <u>2.48</u> 0.00	30.37 <u>1.81</u> 0.00	36.10 <u>1.77</u> 0.00	31.74 <u>1.51</u> 0.00	29.70 <u>1.37</u> 0.00
GOWANUS_GT4_1 24130	21.71 <u>1.08</u> 0.00	19.99 <u>1.08</u> 0.00	20.19 <u>1.01</u> 0.00	17.86 <u>0.93</u> 0.00	21.90 <u>1.01</u> 0.00	24.93 <u>1.01</u> 0.00	25.74 <u>1.26</u> 0.00	26.81 <u>1.65</u> 0.00	38.72 <u>2.52</u> 0.00	38.76 <u>2.70</u> 0.00	37.96 <u>2.76</u> 0.00	37.46 <u>2.70</u> 0.00	35.51 <u>2.66</u> 0.00	36.21 <u>2.50</u> 0.00	38.97 <u>2.33</u> 0.00	37.66 <u>2.12</u> 0.00	41.04 <u>2.28</u> 0.00	41.25 <u>2.44</u> 0.00	37.80 <u>2.38</u> 0.00	37.94 <u>2.48</u> 0.00	30.37 <u>1.81</u> 0.00	36.10 <u>1.77</u> 0.00	31.73 <u>1.50</u> 0.00	29.69 <u>1.37</u> 0.00
GOWANUS_GT4_2 24131	21.71 <u>1.08</u> 0.00	19.99 <u>1.08</u> 0.00	20.19 <u>1.01</u> 0.00	17.86 <u>0.93</u> 0.00	21.90 <u>1.01</u> 0.00	24.93 <u>1.01</u> 0.00	25.74 <u>1.26</u> 0.00	26.81 <u>1.65</u> 0.00	38.72 <u>2.52</u> 0.00	38.76 <u>2.70</u> 0.00	37.96 <u>2.76</u> 0.00	37.46 <u>2.70</u> 0.00	35.51 <u>2.66</u> 0.00	36.21 <u>2.50</u> 0.00	38.97 <u>2.33</u> 0.00	37.66 <u>2.12</u> 0.00	41.04 <u>2.28</u> 0.00	41.25 <u>2.44</u> 0.00	37.80 <u>2.38</u> 0.00	37.94 <u>2.48</u> 0.00	30.37 <u>1.81</u> 0.00	36.10 <u>1.77</u> 0.00	31.73 <u>1.50</u> 0.00	29.69 <u>1.37</u> 0.00

GOWANUS_GT4_3 24132	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.26 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.76 2.70 0.00	37.96 2.76 0.00	37.46 2.70 0.00	35.51 2.66 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.04 2.28 0.00	41.25 2.44 0.00	37.80 2.38 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.73 1.50 0.00	29.69 1.37 0.00
GOWANUS_GT4_4 24133	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.26 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.76 2.70 0.00	37.96 2.76 0.00	37.46 2.70 0.00	35.51 2.66 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.04 2.28 0.00	41.25 2.44 0.00	37.80 2.38 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.73 1.50 0.00	29.69 1.37 0.00
GOWANUS_GT4_5 24134	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.26 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.76 2.70 0.00	37.96 2.76 0.00	37.46 2.70 0.00	35.51 2.66 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.04 2.28 0.00	41.25 2.44 0.00	37.80 2.38 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.73 1.50 0.00	29.69 1.37 0.00
GOWANUS_GT4_6 24135	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.26 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.76 2.70 0.00	37.96 2.76 0.00	37.46 2.70 0.00	35.51 2.66 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.04 2.28 0.00	41.25 2.44 0.00	37.80 2.38 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.73 1.50 0.00	29.69 1.37 0.00
GOWANUS_GT4_7 24136	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.26 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.76 2.70 0.00	37.96 2.76 0.00	37.46 2.70 0.00	35.51 2.66 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.04 2.28 0.00	41.25 2.44 0.00	37.80 2.38 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.73 1.50 0.00	29.69 1.37 0.00
GOWANUS_GT4_8 24137	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.26 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.76 2.70 0.00	37.96 2.76 0.00	37.46 2.70 0.00	35.51 2.66 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.04 2.28 0.00	41.25 2.44 0.00	37.80 2.38 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.73 1.50 0.00	29.69 1.37 0.00
GREENBSH_115KV_TB3 55895	21.17 0.54 0.00	19.49 0.58 0.00	19.73 0.55 0.00	17.43 0.51 0.00	21.44 0.55 0.00	24.46 0.54 0.00	25.04 0.56 0.00	25.65 0.49 0.00	36.88 0.68 0.00	36.79 0.73 0.00	35.93 0.72 0.00	35.41 0.65 0.00	33.20 0.35 0.00	33.94 0.24 0.00	36.81 0.16 0.00	35.71 0.17 0.00	38.97 0.21 0.00	39.07 0.27 0.00	35.77 0.35 0.00	35.80 0.33 0.00	28.73 0.17 0.00	34.36 0.03 0.00	30.22 0.00 0.00	28.27 -0.05 0.00
GREENIDGE_115KV_TB5 80291	20.11 -0.52 0.00	18.40 -0.51 0.00	18.81 -0.37 0.00	16.56 -0.37 0.00	20.56 -0.34 0.00	23.79 -0.13 0.00	24.56 0.09 0.00	25.19 0.03 0.00	36.00 -0.20 0.00	35.71 -0.35 0.00	34.98 -0.22 0.00	34.63 -0.13 0.00	32.79 -0.06 0.00	33.58 -0.12 0.00	37.11 0.47 0.00	35.73 0.20 0.00	38.89 0.12 0.00	39.21 0.40 0.00	35.98 0.56 0.00	36.26 0.80 0.00	29.30 0.74 0.00	34.92 0.59 0.00	30.89 0.66 0.00	29.06 0.73 0.00
GREENIDGE___3 23582	20.11 -0.52 0.00	18.40 -0.51 0.00	18.81 -0.37 0.00	16.56 -0.37 0.00	20.56 -0.34 0.00	23.79 -0.13 0.00	24.56 0.09 0.00	25.19 0.03 0.00	36.00 -0.20 0.00	35.71 -0.35 0.00	34.98 -0.22 0.00	34.63 -0.13 0.00	32.79 -0.06 0.00	33.58 -0.12 0.00	37.11 0.47 0.00	35.73 0.20 0.00	38.89 0.12 0.00	39.21 0.40 0.00	35.98 0.56 0.00	36.26 0.80 0.00	29.30 0.74 0.00	34.92 0.59 0.00	30.89 0.66 0.00	29.06 0.73 0.00
GREENIDGE___4 23583	20.11 -0.52 0.00	18.40 -0.51 0.00	18.82 -0.37 0.00	16.56 -0.37 0.00	20.55 -0.34 0.00	23.79 -0.13 0.00	24.55 0.08 0.00	25.19 0.03 0.00	36.00 -0.20 0.00	35.70 -0.36 0.00	34.97 -0.24 0.00	34.62 -0.14 0.00	32.79 -0.06 0.00	33.57 -0.13 0.00	37.11 0.47 0.00	35.72 0.19 0.00	38.88 0.12 0.00	39.20 0.40 0.00	35.98 0.57 0.00	36.26 0.80 0.00	29.30 0.75 0.00	34.92 0.59 0.00	30.88 0.66 0.00	29.05 0.73 0.00
GREENLWN_69_KV_BK 3 55738	21.69 1.06 0.00	19.96 1.05 0.00	20.16 0.97 0.00	17.80 0.87 0.00	21.85 0.96 0.00	24.86 0.94 0.00	25.77 1.29 0.00	26.68 1.51 0.00	38.23 2.03 0.00	38.37 2.32 0.00	38.67 2.49 -0.97	37.38 2.40 -0.23	35.18 2.34 0.00	35.67 1.97 0.00	38.56 1.91 0.00	37.35 1.81 0.00	40.62 1.86 0.00	40.96 2.15 -0.01	38.21 2.10 -0.70	44.61 2.19 -6.95	35.31 1.61 -5.14	36.13 1.61 -0.19	31.55 1.33 0.00	29.49 1.17 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.26 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.76 2.70 0.00	37.96 2.76 0.00	37.46 2.70 0.00	35.51 2.66 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.04 2.28 0.00	41.25 2.44 0.00	37.80 2.38 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.73 1.50 0.00	29.69 1.37 0.00
GRISSOM___SOLAR 323813	22.34 1.71 0.00	20.40 1.49 0.00	20.75 1.56 0.00	18.27 1.35 0.00	22.66 1.77 0.00	26.12 2.19 0.00	26.94 2.46 0.00	27.90 2.74 0.00	40.15 3.95 0.00	39.95 3.89 0.00	38.96 3.75 0.00	38.65 3.89 0.00	36.59 3.74 0.00	37.70 4.00 0.00	40.58 3.94 0.00	39.35 3.81 0.00	43.25 4.49 0.00	43.49 4.69 0.00	39.87 4.46 0.00	40.07 4.61 0.00	32.15 3.60 0.00	38.49 4.15 0.00	33.69 3.47 0.00	31.43 3.10 0.00
GROVEVILLE___HYD 323602	21.77 1.14 0.00	20.03 1.12 0.00	20.29 1.10 0.00	17.92 0.99 0.00	22.05 1.16 0.00	25.15 1.22 0.00	25.94 1.46 0.00	26.92 1.75 0.00	38.93 2.73 0.00	38.90 2.84 0.00	38.05 2.85 0.00	37.53 2.78 0.00	35.54 2.69 0.00	36.25 2.54 0.00	39.18 2.53 0.00	37.87 2.34 0.00	41.29 2.53 0.00	41.55 2.74 0.00	38.04 2.63 0.00	38.13 2.66 0.00	30.51 1.96 0.00	36.35 2.02 0.00	31.93 1.71 0.00	29.82 1.50 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.22 -0.41 0.00	18.50 -0.42 0.00	18.83 -0.36 0.00	16.60 -0.33 0.00	20.53 -0.36 0.00	23.61 -0.31 0.00	24.26 -0.22 0.00	24.88 -0.28 0.00	35.73 -0.47 0.00	35.56 -0.46 0.00	34.74 -0.40 0.00	34.35 -0.40 0.00	32.52 -0.33 0.00	33.38 -0.33 0.00	36.28 -0.36 0.00	35.22 -0.31 0.00	38.42 -0.34 0.00	38.64 -0.17 0.00	35.34 -0.08 0.00	35.41 -0.05 0.00	28.50 -0.05 0.00	34.08 -0.25 0.00	29.94 -0.29 0.00	28.18 -0.14 0.00

HAMLTNNY_34_KV_TB 80303	20.21 -0.41 0.00	18.49 -0.43 0.00	18.85 -0.34 0.00	16.60 -0.33 0.00	20.55 -0.34 0.00	23.66 -0.26 0.00	24.32 -0.16 0.00	24.95 -0.21 0.00	35.81 -0.39 0.00	35.62 -0.44 0.00	34.82 -0.38 0.00	34.44 -0.32 0.00	32.56 -0.29 0.00	33.49 -0.22 0.00	36.43 -0.21 0.00	35.36 -0.17 0.00	38.50 -0.26 0.00	38.76 -0.05 0.00	35.41 0.00 0.00	35.53 0.07 0.00	28.60 0.05 0.00	34.17 -0.16 0.00	30.00 -0.23 0.00	28.25 -0.07 0.00
HAMPSHIRE___PAPER_HYD 323593	20.10 -0.53 0.00	18.26 -0.66 0.00	18.50 -0.69 0.00	16.31 -0.63 0.00	20.14 -0.75 0.00	23.84 -0.77 -0.69	26.46 -0.90 -2.88	28.54 -0.91 -4.29	37.91 -1.28 -2.99	40.39 -1.09 -5.42	39.08 -1.37 -5.24	32.25 -1.08 1.43	36.87 -0.84 -4.86	37.49 -1.15 -4.94	40.65 -1.31 -5.32	39.80 -0.93 -5.19	43.75 -0.49 -5.48	44.15 -0.11 -5.45	40.55 0.00 -5.13	37.40 -0.13 -2.07	28.59 0.04 0.00	37.82 0.09 -3.39	34.93 0.03 -4.67	32.93 0.09 -4.51
HARDSCRABBLE_WT_PWR 323673	20.27 -0.36 0.00	18.62 -0.29 0.00	18.86 -0.32 0.00	16.64 -0.29 0.00	20.49 -0.40 0.00	23.40 -0.53 0.00	24.07 -0.41 0.00	24.88 -0.28 0.00	36.21 -0.17 -0.18	36.12 0.06 0.00	35.07 -0.13 0.00	35.13 -0.15 -0.52	32.64 -0.21 0.00	33.87 0.16 0.00	36.41 -0.24 0.00	35.07 -0.46 0.00	38.42 -0.34 0.00	38.53 -0.27 0.00	35.19 -0.23 0.00	35.23 -0.23 0.00	28.30 -0.25 0.00	34.06 -0.28 0.00	29.76 -0.46 0.00	27.69 -0.64 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.48 0.85 0.00	19.77 0.86 0.00	20.01 0.83 0.00	17.68 0.75 0.00	21.76 0.87 0.00	24.81 0.89 0.00	25.56 1.08 0.00	26.52 1.35 0.00	38.31 2.11 0.00	38.31 2.25 0.00	37.46 2.26 0.00	36.95 2.19 0.00	35.00 2.15 0.00	35.71 2.01 0.00	38.60 1.95 0.00	37.28 1.75 0.00	40.64 1.88 0.00	40.91 2.10 0.00	37.43 2.02 0.00	37.50 2.04 0.00	30.03 1.48 0.00	35.80 1.47 0.00	31.48 1.26 0.00	29.44 1.12 0.00
HARSNRAD_115KV_TB1 81005	19.52 -1.11 0.00	17.71 -1.20 0.00	18.22 -0.97 0.00	16.08 -0.85 0.00	20.21 -0.68 0.00	23.52 -0.41 0.00	24.10 -0.37 0.00	24.47 -0.69 0.00	34.92 -1.28 0.00	34.44 -1.61 0.00	33.65 -1.56 0.00	33.69 -1.07 0.00	32.30 -0.55 0.00	33.42 -0.29 0.00	36.42 -0.23 0.00	35.47 -0.06 0.00	38.44 -0.32 0.00	38.69 -0.12 0.00	35.67 0.25 0.00	35.84 0.38 0.00	28.85 0.29 0.00	34.18 -0.15 0.00	30.15 -0.07 0.00	28.59 0.27 0.00
HARZA MOOSE___RIVER 24016	20.43 -0.20 0.00	18.57 -0.34 0.00	18.86 -0.32 0.00	16.62 -0.31 0.00	20.53 -0.36 0.00	23.81 -0.31 -0.19	25.08 -0.21 -0.81	26.26 -0.11 -1.21	37.13 -0.05 -0.98	37.80 0.22 -1.53	36.56 -0.13 -1.48	34.96 0.20 0.00	34.45 0.23 -1.37	34.95 -0.14 -1.39	37.68 -0.47 -1.50	36.87 -0.13 -1.46	40.73 0.42 -1.55	41.50 1.16 -1.54	37.92 1.06 -1.45	36.86 0.81 -0.58	29.36 0.81 0.00	36.21 0.93 -0.96	32.31 0.77 -1.32	30.30 0.71 -1.27
HDSNBRDG_115KV_BRDG_TB1 355580	20.09 -0.54 0.00	18.38 -0.54 0.00	18.69 -0.49 0.00	16.50 -0.43 0.00	20.42 -0.47 0.00	23.47 -0.45 0.00	24.10 -0.37 0.00	24.72 -0.44 0.00	35.53 -0.67 0.00	35.35 -0.71 0.00	34.54 -0.67 0.00	34.18 -0.58 0.00	32.36 -0.49 0.00	33.20 -0.50 0.00	36.07 -0.57 0.00	35.02 -0.51 0.00	38.22 -0.54 0.00	38.40 -0.40 0.00	35.13 -0.28 0.00	35.19 -0.27 0.00	28.32 -0.23 0.00	33.86 -0.47 0.00	29.77 -0.45 0.00	28.01 -0.31 0.00
HELLGATE_13_KV_LD 55870	21.59 0.96 0.00	19.90 0.98 0.00	20.10 0.91 0.00	17.78 0.85 0.00	21.78 0.88 0.00	24.79 0.86 0.00	25.61 1.14 0.00	26.69 1.52 0.00	38.57 2.37 0.00	38.61 2.55 0.00	37.79 2.58 0.00	37.28 2.52 0.00	35.33 2.48 0.00	36.02 2.31 0.00	38.82 2.17 0.00	37.49 1.96 0.00	40.89 2.13 0.00	41.08 2.28 0.00	37.61 2.20 0.00	37.76 2.30 0.00	30.19 1.64 0.00	35.89 1.56 0.00	31.54 1.32 0.00	29.53 1.20 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.59 0.96 0.00	19.90 0.98 0.00	20.10 0.91 0.00	17.78 0.85 0.00	21.78 0.88 0.00	24.79 0.86 0.00	25.61 1.14 0.00	26.69 1.52 0.00	38.57 2.37 0.00	38.61 2.55 0.00	37.79 2.58 0.00	37.28 2.52 0.00	35.33 2.48 0.00	36.02 2.31 0.00	38.82 2.17 0.00	37.49 1.96 0.00	40.89 2.13 0.00	41.08 2.28 0.00	37.61 2.20 0.00	37.76 2.30 0.00	30.19 1.64 0.00	35.89 1.56 0.00	31.54 1.32 0.00	29.53 1.20 0.00
HEMPSTEAD____ 23647	21.65 1.03 0.00	19.94 1.02 0.00	20.13 0.95 0.00	17.79 0.86 0.00	21.86 0.97 0.00	24.90 0.98 0.00	25.78 1.30 0.00	26.72 1.56 0.00	38.44 2.24 0.00	38.55 2.49 0.00	41.89 2.63 -4.06	38.24 2.54 -0.95	35.30 2.46 0.00	35.86 2.16 0.00	38.74 2.09 0.00	37.48 1.95 0.00	40.82 2.06 0.00	41.13 2.31 -0.01	38.67 2.24 -1.02	48.46 2.32 -10.69	51.72 1.68 -21.48	36.83 1.71 -0.79	31.60 1.38 0.00	29.54 1.21 0.00
HEWLETT_69_KV_BK3 55828	21.86 1.23 0.00	20.11 1.20 0.00	20.31 1.13 0.00	17.94 1.01 0.00	22.05 1.16 0.00	25.11 1.19 0.00	26.01 1.53 0.00	26.92 1.76 0.00	38.73 2.53 0.00	38.85 2.79 0.00	50.67 2.96 -12.51	40.56 2.86 -2.94	35.61 2.76 0.00	36.17 2.47 0.00	39.06 2.42 0.00	37.84 2.31 0.00	41.19 2.42 0.00	41.51 2.69 -0.02	38.94 2.40 -1.12	51.36 2.51 -13.38	96.83 1.97 -66.30	38.87 2.07 -2.46	31.92 1.70 0.00	29.83 1.51 0.00
HICKLING___1 23621	20.21 -0.42 0.00	18.54 -0.38 0.00	18.98 -0.21 0.00	16.67 -0.26 0.00	20.66 -0.23 0.00	23.93 0.01 0.00	24.73 0.26 0.00	25.41 0.24 0.00	36.69 0.50 0.00	36.34 0.28 0.00	35.61 0.41 0.00	35.25 0.49 0.00	33.27 0.42 0.00	34.00 0.30 0.00	37.67 1.03 0.00	36.02 0.49 0.00	39.15 0.38 0.00	39.59 0.78 0.00	36.19 0.78 0.00	36.51 1.05 0.00	29.48 0.92 0.00	35.34 1.02 0.00	31.24 1.02 0.00	29.31 0.98 0.00
HICKLING___2 23622	20.21 -0.42 0.00	18.54 -0.38 0.00	18.98 -0.21 0.00	16.67 -0.26 0.00	20.66 -0.23 0.00	23.93 0.01 0.00	24.73 0.26 0.00	25.41 0.24 0.00	36.69 0.50 0.00	36.34 0.28 0.00	35.61 0.41 0.00	35.25 0.49 0.00	33.27 0.42 0.00	34.00 0.30 0.00	37.67 1.03 0.00	36.02 0.49 0.00	39.15 0.38 0.00	39.59 0.78 0.00	36.19 0.78 0.00	36.51 1.05 0.00	29.48 0.92 0.00	35.34 1.02 0.00	31.24 1.02 0.00	29.31 0.98 0.00
HIGH FALLS___HY 23754	21.66 1.03 0.00	19.96 1.05 0.00	20.21 1.03 0.00	17.86 0.93 0.00	21.99 1.10 0.00	25.09 1.17 0.00	25.91 1.43 0.00	26.99 1.82 0.00	39.05 2.85 0.00	39.04 2.98 0.00	38.25 3.04 0.00	37.74 2.98 0.00	35.74 2.89 0.00	36.43 2.72 0.00	39.30 2.66 0.00	38.05 2.51 0.00	41.49 2.73 0.00	41.76 2.96 0.00	38.24 2.83 0.00	38.35 2.88 0.00	30.68 2.13 0.00	36.56 2.23 0.00	32.13 1.91 0.00	30.04 1.71 0.00
HILLBURN___GT 23639	21.45 0.82 0.00	19.76 0.84 0.00	19.99 0.81 0.00	17.67 0.74 0.00	21.74 0.85 0.00	24.76 0.84 0.00	25.51 1.03 0.00	26.48 1.31 0.00	38.25 2.05 0.00	38.26 2.20 0.00	37.41 2.21 0.00	36.90 2.15 0.00	34.96 2.11 0.00	35.67 1.96 0.00	38.53 1.89 0.00	37.19 1.66 0.00	40.53 1.77 0.00	40.80 2.00 0.00	37.34 1.93 0.00	37.40 1.94 0.00	29.95 1.40 0.00	35.69 1.36 0.00	31.41 1.18 0.00	29.39 1.06 0.00

HILLSIDE_115KV_TB1 80332	20.14 -0.49 0.00	18.48 -0.44 0.00	18.91 -0.28 0.00	16.60 -0.33 0.00	20.56 -0.33 0.00	23.80 -0.12 0.00	24.58 0.10 0.00	25.26 0.09 0.00	36.49 0.29 0.00	36.14 0.08 0.00	35.36 0.16 0.00	34.98 0.23 0.00	32.97 0.12 0.00	33.72 0.02 0.00	37.14 0.49 0.00	35.62 0.09 0.00	38.68 -0.08 0.00	39.15 0.35 0.00	35.74 0.32 0.00	36.02 0.56 0.00	29.04 0.48 0.00	34.81 0.48 0.00	30.74 0.51 0.00	28.83 0.51 0.00
HISHELDN_WT_PWR 323625	19.15 -1.48 0.00	17.42 -1.50 0.00	17.91 -1.28 0.00	15.84 -1.09 0.00	19.82 -1.07 0.00	23.05 -0.87 0.00	23.71 -0.77 0.00	24.09 -1.07 0.00	34.46 -1.74 0.00	34.03 -2.02 0.00	33.31 -1.89 0.00	33.62 -1.13 0.00	32.36 -0.49 0.00	33.62 -0.08 0.00	36.63 -0.01 0.00	35.52 -0.01 0.00	38.43 -0.34 0.00	38.80 0.00 0.00	35.78 0.37 0.00	36.03 0.56 0.00	29.01 0.46 0.00	34.45 0.12 0.00	30.42 0.19 0.00	28.76 0.44 0.00
HOLTSVILLE_IC_1 23690	21.86 1.23 0.00	20.10 1.19 0.00	20.30 1.12 0.00	17.93 1.00 0.00	22.04 1.15 0.00	25.11 1.19 0.00	26.15 1.67 0.00	27.02 1.85 0.00	38.50 2.30 0.00	38.64 2.58 0.00	38.77 2.75 -0.81	37.65 2.70 -0.19	35.42 2.57 0.00	35.83 2.13 0.00	38.76 2.12 0.00	37.54 2.01 0.00	40.83 2.07 0.00	41.23 2.42 -0.01	38.50 2.41 -0.69	44.70 2.49 -6.75	34.72 1.86 -4.31	36.47 1.98 -0.16	31.79 1.56 0.00	29.66 1.34 0.00
HOLTSVILLE_IC_10 23699	21.94 1.31 0.00	20.17 1.25 0.00	20.37 1.18 0.00	17.99 1.06 0.00	22.11 1.22 0.00	25.21 1.29 0.00	26.29 1.81 0.00	27.16 1.99 0.00	38.64 2.44 0.00	38.79 2.73 0.00	38.97 2.90 -0.87	37.81 2.85 -0.20	35.58 2.73 0.00	35.99 2.29 0.00	38.96 2.32 0.00	37.75 2.21 0.00	41.02 2.26 0.00	41.45 2.64 -0.01	38.74 2.63 -0.69	44.98 2.70 -6.81	35.17 2.00 -4.62	36.66 2.16 -0.17	31.92 1.70 0.00	29.76 1.44 0.00
HOLTSVILLE_IC_2 23691	21.86 1.23 0.00	20.10 1.19 0.00	20.30 1.12 0.00	17.93 1.00 0.00	22.04 1.15 0.00	25.11 1.19 0.00	26.15 1.67 0.00	27.02 1.85 0.00	38.50 2.30 0.00	38.64 2.58 0.00	38.77 2.75 -0.81	37.65 2.70 -0.19	35.42 2.57 0.00	35.83 2.13 0.00	38.76 2.12 0.00	37.54 2.01 0.00	40.83 2.07 0.00	41.23 2.42 -0.01	38.50 2.41 -0.69	44.70 2.49 -6.75	34.72 1.86 -4.31	36.47 1.98 -0.16	31.79 1.56 0.00	29.66 1.34 0.00
HOLTSVILLE_IC_3 23692	21.86 1.23 0.00	20.10 1.19 0.00	20.30 1.12 0.00	17.93 1.00 0.00	22.04 1.15 0.00	25.11 1.19 0.00	26.15 1.67 0.00	27.02 1.85 0.00	38.50 2.30 0.00	38.64 2.58 0.00	38.77 2.75 -0.81	37.65 2.70 -0.19	35.42 2.57 0.00	35.83 2.13 0.00	38.76 2.12 0.00	37.54 2.01 0.00	40.83 2.07 0.00	41.23 2.42 -0.01	38.50 2.41 -0.69	44.70 2.49 -6.75	34.72 1.86 -4.31	36.47 1.98 -0.16	31.79 1.56 0.00	29.66 1.34 0.00
HOLTSVILLE_IC_4 23693	21.86 1.23 0.00	20.10 1.19 0.00	20.30 1.12 0.00	17.93 1.00 0.00	22.04 1.15 0.00	25.11 1.19 0.00	26.15 1.67 0.00	27.02 1.85 0.00	38.50 2.30 0.00	38.64 2.58 0.00	38.77 2.75 -0.81	37.65 2.70 -0.19	35.42 2.57 0.00	35.83 2.13 0.00	38.76 2.12 0.00	37.54 2.01 0.00	40.83 2.07 0.00	41.23 2.42 -0.01	38.50 2.41 -0.69	44.70 2.49 -6.75	34.72 1.86 -4.31	36.47 1.98 -0.16	31.79 1.56 0.00	29.66 1.34 0.00
HOLTSVILLE_IC_5 23694	21.86 1.23 0.00	20.10 1.19 0.00	20.30 1.12 0.00	17.93 1.00 0.00	22.04 1.15 0.00	25.11 1.19 0.00	26.15 1.67 0.00	27.02 1.85 0.00	38.50 2.30 0.00	38.64 2.58 0.00	38.77 2.75 -0.81	37.65 2.70 -0.19	35.42 2.57 0.00	35.83 2.13 0.00	38.76 2.12 0.00	37.54 2.01 0.00	40.83 2.07 0.00	41.23 2.42 -0.01	38.50 2.41 -0.69	44.70 2.49 -6.75	34.72 1.86 -4.31	36.47 1.98 -0.16	31.79 1.56 0.00	29.66 1.34 0.00
HOLTSVILLE_IC_6 23695	21.94 1.31 0.00	20.17 1.25 0.00	20.37 1.18 0.00	17.99 1.06 0.00	22.11 1.22 0.00	25.21 1.29 0.00	26.29 1.81 0.00	27.16 1.99 0.00	38.64 2.44 0.00	38.79 2.73 0.00	38.97 2.90 -0.87	37.81 2.85 -0.20	35.58 2.73 0.00	35.99 2.29 0.00	38.96 2.32 0.00	37.75 2.21 0.00	41.02 2.26 0.00	41.45 2.64 -0.01	38.74 2.63 -0.69	44.98 2.70 -6.81	35.17 2.00 -4.62	36.66 2.16 -0.17	31.92 1.70 0.00	29.76 1.44 0.00
HOLTSVILLE_IC_7 23696	21.94 1.31 0.00	20.17 1.25 0.00	20.37 1.18 0.00	17.99 1.06 0.00	22.11 1.22 0.00	25.21 1.29 0.00	26.29 1.81 0.00	27.16 1.99 0.00	38.64 2.44 0.00	38.79 2.73 0.00	38.97 2.90 -0.87	37.81 2.85 -0.20	35.58 2.73 0.00	35.99 2.29 0.00	38.96 2.32 0.00	37.75 2.21 0.00	41.02 2.26 0.00	41.45 2.64 -0.01	38.74 2.63 -0.69	44.98 2.70 -6.81	35.17 2.00 -4.62	36.66 2.16 -0.17	31.92 1.70 0.00	29.76 1.44 0.00
HOLTSVILLE_IC_8 23697	21.94 1.31 0.00	20.17 1.25 0.00	20.37 1.18 0.00	17.99 1.06 0.00	22.11 1.22 0.00	25.21 1.29 0.00	26.29 1.81 0.00	27.16 1.99 0.00	38.64 2.44 0.00	38.79 2.73 0.00	38.97 2.90 -0.87	37.81 2.85 -0.20	35.58 2.73 0.00	35.99 2.29 0.00	38.96 2.32 0.00	37.75 2.21 0.00	41.02 2.26 0.00	41.45 2.64 -0.01	38.74 2.63 -0.69	44.98 2.70 -6.81	35.17 2.00 -4.62	36.66 2.16 -0.17	31.92 1.70 0.00	29.76 1.44 0.00
HOLTSVILLE_IC_9 23698	21.94 1.31 0.00	20.17 1.25 0.00	20.37 1.18 0.00	17.99 1.06 0.00	22.11 1.22 0.00	25.21 1.29 0.00	26.29 1.81 0.00	27.16 1.99 0.00	38.64 2.44 0.00	38.79 2.73 0.00	38.97 2.90 -0.87	37.81 2.85 -0.20	35.58 2.73 0.00	35.99 2.29 0.00	38.96 2.32 0.00	37.75 2.21 0.00	41.02 2.26 0.00	41.45 2.64 -0.01	38.74 2.63 -0.69	44.98 2.70 -6.81	35.17 2.00 -4.62	36.66 2.16 -0.17	31.92 1.70 0.00	29.76 1.44 0.00
HOMER_HL_115KV_TB2 355744	20.14 -0.48 0.00	18.44 -0.48 0.00	18.89 -0.30 0.00	16.60 -0.33 0.00	20.83 -0.07 0.00	24.13 0.21 0.00	24.92 0.44 0.00	25.37 0.20 0.00	36.55 0.35 0.00	36.22 0.16 0.00	35.38 0.17 0.00	35.19 0.43 0.00	33.42 0.57 0.00	34.44 0.73 0.00	37.66 1.02 0.00	36.20 0.67 0.00	39.25 0.49 0.00	39.77 0.96 0.00	36.48 1.06 0.00	36.73 1.27 0.00	29.59 1.04 0.00	35.42 1.09 0.00	31.36 1.13 0.00	29.50 1.18 0.00
HOWARD_WT_PWR 323690	19.06 -1.56 0.00	17.51 -1.40 0.00	17.98 -1.21 0.00	15.77 -1.16 0.00	19.53 -1.36 0.00	22.63 -1.29 0.00	23.34 -1.14 0.00	23.99 -1.18 0.00	34.64 -1.56 0.00	34.33 -1.73 0.00	33.85 -1.36 0.00	33.46 -1.30 0.00	31.52 -1.33 0.00	32.70 -1.00 0.00	37.60 0.95 0.00	35.20 -0.33 0.00	38.34 -0.42 0.00	38.91 0.10 0.00	35.69 0.28 0.00	36.28 0.82 0.00	29.61 1.05 0.00	35.57 1.24 0.00	31.63 1.41 0.00	29.68 1.35 0.00
HQ_GEN_CEDARS 23644	20.68 0.05 0.00	18.90 -0.02 0.00	19.13 -0.05 0.00	16.88 -0.05 0.00	20.84 -0.05 0.00	24.20 -0.01 -0.29	25.45 -0.24 -1.22	26.60 -0.37 -1.81	34.22 -0.61 1.38	37.73 -0.62 -2.29	36.75 -0.67 -2.21	25.89 -0.62 8.25	34.48 -0.42 -2.05	35.39 -0.39 -2.08	38.65 -0.24 -2.24	37.58 -0.14 -2.19	40.94 -0.14 -2.31	40.68 -0.43 -2.30	37.21 -0.37 -2.17	36.00 -0.34 -0.87	28.38 -0.18 0.00	35.75 -0.01 -1.43	32.17 -0.03 -1.97	30.25 0.03 -1.90

HQ_GEN_CEDARS_PROXY 323590	20.68 0.05 0.00	18.90 -0.02 0.00	19.13 -0.05 0.00	16.88 -0.05 0.00	20.84 -0.05 0.00	24.20 -0.01 -0.29	25.45 -0.24 -1.22	26.60 -0.38 -1.81	34.22 -0.61 1.38	37.86 -0.63 -2.43	36.74 -0.67 -2.21	25.89 -0.62 8.25	34.46 -0.44 -2.05	35.39 -0.39 -2.08	38.65 -0.24 -2.24	37.57 -0.16 -2.19	40.93 -0.15 -2.31	40.67 -0.44 -2.30	37.20 -0.38 -2.17	36.00 -0.34 -0.87	21.21 -0.17 7.18	35.74 -0.02 -1.43	32.17 -0.03 -1.97	30.25 0.03 -1.90
HQ_GEN_IMPORT 323601	20.67 0.04 0.00	18.93 0.01 0.00	19.18 -0.01 0.00	16.92 -0.01 0.00	20.89 0.00 0.00	23.93 0.01 0.00	24.36 -0.11 0.00	24.98 -0.19 0.00	35.46 -0.33 0.40	35.70 -0.35 0.00	34.14 -0.38 0.68	33.22 -0.37 1.16	32.55 -0.30 0.00	33.49 -0.22 0.00	36.56 -0.09 0.00	35.48 -0.06 0.00	38.67 -0.09 0.00	38.50 -0.30 0.00	35.04 -0.38 0.00	35.09 -0.37 0.00	28.33 -0.22 0.00	34.43 -0.05 -0.15	30.02 -0.02 0.18	28.28 -0.04 0.00
HQ_GEN_WHEEL 23651	20.67 0.04 0.00	18.93 0.01 0.00	19.18 -0.01 0.00	16.92 -0.01 0.00	20.89 0.00 0.00	23.93 0.01 0.00	24.36 -0.11 0.00	24.98 -0.19 0.00	35.46 -0.33 0.40	35.70 -0.35 0.00	34.14 -0.38 0.68	33.22 -0.37 1.16	32.55 -0.30 0.00	33.49 -0.22 0.00	36.56 -0.09 0.00	35.48 -0.06 0.00	38.67 -0.09 0.00	38.50 -0.30 0.00	35.04 -0.38 0.00	35.09 -0.37 0.00	28.33 -0.22 0.00	34.43 -0.05 -0.15	30.02 -0.02 0.18	28.28 -0.04 0.00
HUDSON_AVE_GT_3 23810	21.60 0.97 0.00	19.91 1.00 0.00	20.12 0.94 0.00	17.80 0.87 0.00	21.83 0.94 0.00	24.82 0.90 0.00	25.63 1.16 0.00	26.72 1.55 0.00	38.63 2.43 0.00	38.68 2.63 0.00	37.87 2.66 0.00	37.32 2.57 0.00	35.39 2.54 0.00	36.08 2.37 0.00	38.91 2.27 0.00	37.55 2.02 0.00	40.98 2.22 0.00	41.16 2.36 0.00	37.67 2.26 0.00	37.82 2.36 0.00	30.24 1.68 0.00	35.97 1.64 0.00	31.58 1.36 0.00	29.54 1.21 0.00
HUDSON_AVE_GT_4 23540	21.60 0.97 0.00	19.91 1.00 0.00	20.12 0.94 0.00	17.80 0.87 0.00	21.83 0.94 0.00	24.82 0.90 0.00	25.63 1.16 0.00	26.72 1.55 0.00	38.63 2.43 0.00	38.68 2.63 0.00	37.87 2.66 0.00	37.32 2.57 0.00	35.39 2.54 0.00	36.08 2.37 0.00	38.91 2.27 0.00	37.55 2.02 0.00	40.98 2.22 0.00	41.16 2.36 0.00	37.67 2.26 0.00	37.82 2.36 0.00	30.24 1.68 0.00	35.97 1.64 0.00	31.58 1.36 0.00	29.54 1.21 0.00
HUDSON_AVE_GT_5 23657	21.60 0.97 0.00	19.91 1.00 0.00	20.12 0.94 0.00	17.80 0.87 0.00	21.83 0.94 0.00	24.82 0.90 0.00	25.63 1.16 0.00	26.72 1.55 0.00	38.63 2.43 0.00	38.68 2.63 0.00	37.87 2.66 0.00	37.32 2.57 0.00	35.39 2.54 0.00	36.08 2.37 0.00	38.91 2.27 0.00	37.55 2.02 0.00	40.98 2.22 0.00	41.16 2.36 0.00	37.67 2.26 0.00	37.82 2.36 0.00	30.24 1.68 0.00	35.97 1.64 0.00	31.58 1.36 0.00	29.54 1.21 0.00
HUDSON_AVE_10 24168	21.53 0.90 0.00	19.86 0.94 0.00	20.06 0.88 0.00	17.75 0.82 0.00	21.77 0.88 0.00	24.72 0.80 0.00	25.55 1.07 0.00	26.65 1.48 0.00	38.53 2.33 0.00	38.57 2.51 0.00	37.73 2.53 0.00	37.20 2.45 0.00	35.28 2.44 0.00	35.97 2.27 0.00	38.78 2.13 0.00	37.42 1.88 0.00	40.85 2.09 0.00	41.03 2.23 0.00	37.56 2.15 0.00	37.72 2.26 0.00	30.15 1.59 0.00	35.86 1.53 0.00	31.48 1.25 0.00	29.45 1.13 0.00
HUDSON___115KV_TB 4 355613	21.53 0.90 0.00	19.80 0.89 0.00	20.05 0.87 0.00	17.71 0.78 0.00	21.80 0.91 0.00	24.92 1.00 0.00	25.55 1.07 0.00	26.23 1.07 0.00	37.77 1.57 0.00	37.67 1.61 0.00	36.80 1.59 0.00	36.29 1.53 0.00	34.03 1.18 0.00	34.81 1.10 0.00	37.68 1.04 0.00	36.59 1.06 0.00	40.00 1.24 0.00	40.13 1.33 0.00	36.74 1.33 0.00	36.80 1.33 0.00	29.50 0.94 0.00	35.23 0.90 0.00	30.92 0.70 0.00	28.87 0.55 0.00
HUNTER MOUNT___DRP 323613	21.65 1.02 0.00	19.90 0.99 0.00	20.15 0.97 0.00	17.80 0.87 0.00	21.92 1.03 0.00	25.08 1.15 0.00	25.71 1.24 0.00	26.38 1.21 0.00	38.00 1.80 0.00	37.90 1.84 0.00	37.00 1.80 0.00	36.49 1.73 0.00	34.21 1.36 0.00	34.99 1.29 0.00	37.93 1.29 0.00	36.83 1.30 0.00	40.27 1.51 0.00	40.40 1.60 0.00	36.98 1.57 0.00	37.04 1.58 0.00	29.68 1.13 0.00	35.44 1.11 0.00	31.08 0.86 0.00	29.00 0.68 0.00
HUNTINGTON_RES_REC 323705	21.80 1.17 0.00	20.06 1.14 0.00	20.25 1.06 0.00	17.88 0.95 0.00	21.96 1.07 0.00	25.01 1.09 0.00	26.00 1.52 0.00	26.89 1.72 0.00	38.44 2.24 0.00	38.59 2.53 0.00	38.78 2.70 -0.88	37.58 2.62 -0.20	35.39 2.54 0.00	35.85 2.15 0.00	38.77 2.12 0.00	37.55 2.02 0.00	40.84 2.08 0.00	41.22 2.41 -0.01	38.46 2.36 -0.69	44.76 2.46 -6.84	35.04 1.83 -4.65	36.40 1.90 -0.17	31.75 1.53 0.00	29.64 1.32 0.00
HUNTLEY___63 23557	19.76 -0.87 0.00	17.95 -0.97 0.00	18.45 -0.73 0.00	16.19 -0.74 0.00	20.35 -0.54 0.00	23.68 -0.25 0.00	24.28 -0.20 0.00	24.67 -0.50 0.00	35.14 -1.06 0.00	34.66 -1.40 0.00	33.89 -1.31 0.00	33.92 -0.83 0.00	32.52 -0.33 0.00	33.65 -0.05 0.00	36.67 0.02 0.00	35.68 0.15 0.00	38.67 -0.09 0.00	38.94 0.13 0.00	35.88 0.46 0.00	36.07 0.61 0.00	29.02 0.47 0.00	34.39 0.06 0.00	30.34 0.11 0.00	28.71 0.39 0.00
HUNTLEY___64 23558	19.76 -0.87 0.00	17.95 -0.97 0.00	18.45 -0.73 0.00	16.19 -0.74 0.00	20.35 -0.54 0.00	23.68 -0.25 0.00	24.28 -0.20 0.00	24.67 -0.50 0.00	35.14 -1.06 0.00	34.66 -1.40 0.00	33.89 -1.31 0.00	33.92 -0.83 0.00	32.52 -0.33 0.00	33.65 -0.05 0.00	36.67 0.02 0.00	35.68 0.15 0.00	38.67 -0.09 0.00	38.94 0.13 0.00	35.88 0.46 0.00	36.07 0.61 0.00	29.02 0.47 0.00	34.39 0.06 0.00	30.34 0.11 0.00	28.71 0.39 0.00
HUNTLEY___65 23559	19.76 -0.87 0.00	17.95 -0.97 0.00	18.45 -0.73 0.00	16.19 -0.74 0.00	20.35 -0.54 0.00	23.68 -0.25 0.00	24.28 -0.20 0.00	24.67 -0.50 0.00	35.14 -1.06 0.00	34.66 -1.40 0.00	33.89 -1.31 0.00	33.92 -0.83 0.00	32.52 -0.33 0.00	33.65 -0.05 0.00	36.67 0.02 0.00	35.68 0.15 0.00	38.67 -0.09 0.00	38.94 0.13 0.00	35.88 0.46 0.00	36.07 0.61 0.00	29.02 0.47 0.00	34.39 0.06 0.00	30.34 0.11 0.00	28.71 0.39 0.00
HUNTLEY___66 23560	19.76 -0.87 0.00	17.95 -0.97 0.00	18.45 -0.73 0.00	16.19 -0.74 0.00	20.35 -0.54 0.00	23.68 -0.25 0.00	24.28 -0.20 0.00	24.67 -0.50 0.00	35.14 -1.06 0.00	34.66 -1.40 0.00	33.89 -1.31 0.00	33.92 -0.83 0.00	32.52 -0.33 0.00	33.65 -0.05 0.00	36.67 0.02 0.00	35.68 0.15 0.00	38.67 -0.09 0.00	38.94 0.13 0.00	35.88 0.46 0.00	36.07 0.61 0.00	29.02 0.47 0.00	34.39 0.06 0.00	30.34 0.11 0.00	28.71 0.39 0.00
HUNTLEY___67 23561	19.49 -1.14 0.00	17.70 -1.21 0.00	18.20 -0.99 0.00	16.06 -0.87 0.00	20.18 -0.71 0.00	23.46 -0.47 0.00	24.07 -0.41 0.00	24.44 -0.73 0.00	34.90 -1.30 0.00	34.47 -1.59 0.00	33.67 -1.53 0.00	33.70 -1.05 0.00	32.29 -0.56 0.00	33.38 -0.33 0.00	36.40 -0.24 0.00	35.43 -0.10 0.00	38.39 -0.37 0.00	38.65 -0.15 0.00	35.59 0.18 0.00	35.78 0.32 0.00	28.80 0.25 0.00	34.18 -0.15 0.00	30.17 -0.05 0.00	28.54 0.22 0.00

HUNTLEY___68 23562	19.49 -1.14 0.00	17.70 -1.21 0.00	18.20 -0.99 0.00	16.06 -0.87 0.00	20.18 -0.71 0.00	23.46 -0.47 0.00	24.07 -0.41 0.00	24.44 -0.73 0.00	34.90 -1.30 0.00	34.47 -1.59 0.00	33.67 -1.53 0.00	33.70 -1.05 0.00	32.29 -0.56 0.00	33.38 -0.33 0.00	36.40 -0.24 0.00	35.43 -0.10 0.00	38.39 -0.37 0.00	38.65 -0.15 0.00	35.59 0.18 0.00	35.78 0.32 0.00	28.80 0.25 0.00	34.18 -0.15 0.00	30.17 -0.05 0.00	28.54 0.22 0.00
HYLAND___LFGE 323620	20.54 -0.08 0.00	18.76 -0.15 0.00	19.20 0.02 0.00	16.91 -0.02 0.00	21.08 0.18 0.00	24.45 0.53 0.00	25.26 0.79 0.00	25.97 0.80 0.00	37.37 1.17 0.00	36.97 0.91 0.00	36.28 1.08 0.00	35.15 0.39 0.00	33.69 0.84 0.00	34.85 1.15 0.00	38.57 1.92 0.00	36.47 0.93 0.00	40.32 1.56 0.00	40.76 1.96 0.00	37.61 2.20 0.00	38.02 2.55 0.00	30.82 2.26 0.00	36.75 2.43 0.00	32.38 2.15 0.00	30.35 2.03 0.00
INDECK___CORINTH 23802	21.22 0.59 0.00	19.49 0.58 0.00	19.71 0.53 0.00	17.39 0.46 0.00	21.45 0.56 0.00	24.53 0.61 0.00	25.29 0.81 0.00	26.19 1.02 0.00	37.98 1.78 0.00	37.84 1.78 0.00	36.86 1.66 0.00	36.34 1.59 0.00	34.23 1.38 0.00	35.31 1.61 0.00	38.10 1.46 0.00	36.82 1.28 0.00	40.20 1.44 0.00	40.33 1.53 0.00	36.95 1.54 0.00	36.89 1.42 0.00	29.59 1.04 0.00	35.26 0.92 0.00	30.99 0.76 0.00	28.90 0.57 0.00
INDECK___ILION 23567	20.65 0.02 0.00	18.96 0.05 0.00	19.22 0.04 0.00	16.96 0.03 0.00	20.90 0.01 0.00	23.89 -0.03 0.00	24.53 0.06 0.00	25.32 0.15 0.00	36.72 0.34 -0.18	36.46 0.41 0.00	35.56 0.35 0.00	35.61 0.33 -0.52	33.10 0.25 0.00	34.02 0.32 0.00	36.76 0.12 0.00	35.58 0.05 0.00	38.87 0.10 0.00	39.01 0.21 0.00	35.65 0.23 0.00	35.69 0.22 0.00	28.67 0.11 0.00	34.38 0.05 0.00	30.19 -0.03 0.00	28.21 -0.11 0.00
INDECK___OLEAN 23982	20.15 -0.49 0.00	18.44 -0.48 0.00	18.89 -0.30 0.00	16.60 -0.33 0.00	20.83 -0.06 0.00	24.13 0.21 0.00	24.90 0.42 0.00	25.38 0.21 0.00	36.56 0.36 0.00	36.20 0.14 0.00	35.39 0.19 0.00	35.18 0.43 0.00	33.44 0.59 0.00	34.43 0.73 0.00	37.67 1.03 0.00	36.22 0.69 0.00	39.27 0.51 0.00	39.79 0.98 0.00	36.48 1.07 0.00	36.73 1.26 0.00	29.59 1.03 0.00	35.43 1.10 0.00	31.35 1.13 0.00	29.50 1.17 0.00
INDECK___OSWEGO 23783	19.88 -0.75 0.00	18.19 -0.73 0.00	18.49 -0.69 0.00	16.32 -0.61 0.00	20.17 -0.72 0.00	23.17 -0.75 0.00	23.77 -0.71 0.00	24.40 -0.77 0.00	34.94 -1.15 0.11	34.88 -1.18 0.00	34.06 -1.15 0.00	33.40 -1.05 0.31	31.89 -0.95 0.00	32.70 -1.00 0.00	35.52 -1.12 0.00	34.54 -1.00 0.00	37.74 -1.03 0.00	37.94 -0.86 0.00	34.70 -0.71 0.00	34.72 -0.75 0.00	27.96 -0.60 0.00	33.45 -0.89 0.00	29.43 -0.79 0.00	27.65 -0.67 0.00
INDECK___YERKES 23781	19.78 -0.85 0.00	17.96 -0.95 0.00	18.47 -0.71 0.00	16.21 -0.72 0.00	20.37 -0.52 0.00	23.71 -0.21 0.00	24.29 -0.19 0.00	24.71 -0.46 0.00	35.19 -1.01 0.00	34.71 -1.35 0.00	33.96 -1.25 0.00	33.97 -0.79 0.00	32.60 -0.25 0.00	33.69 -0.01 0.00	36.74 0.09 0.00	35.76 0.22 0.00	38.75 -0.01 0.00	39.02 0.22 0.00	35.93 0.52 0.00	36.11 0.65 0.00	29.05 0.50 0.00	34.44 0.10 0.00	30.37 0.14 0.00	28.73 0.41 0.00
INDIAN POINT_GT_1 24139	21.50 0.88 0.00	19.82 0.91 0.00	20.05 0.87 0.00	17.72 0.79 0.00	21.77 0.87 0.00	24.78 0.86 0.00	25.55 1.07 0.00	26.55 1.39 0.00	38.35 2.15 0.00	38.36 2.30 0.00	37.52 2.31 0.00	37.00 2.24 0.00	35.06 2.21 0.00	35.76 2.05 0.00	38.60 1.96 0.00	37.28 1.74 0.00	40.66 1.90 0.00	40.87 2.06 0.00	37.41 2.00 0.00	37.51 2.05 0.00	30.02 1.46 0.00	35.75 1.42 0.00	31.42 1.20 0.00	29.37 1.05 0.00
INDIAN POINT_GT_2 23659	21.50 0.88 0.00	19.82 0.91 0.00	20.05 0.87 0.00	17.72 0.79 0.00	21.77 0.87 0.00	24.78 0.86 0.00	25.55 1.07 0.00	26.55 1.39 0.00	38.35 2.15 0.00	38.36 2.30 0.00	37.52 2.31 0.00	37.00 2.24 0.00	35.06 2.21 0.00	35.76 2.05 0.00	38.60 1.96 0.00	37.28 1.74 0.00	40.66 1.90 0.00	40.87 2.06 0.00	37.41 2.00 0.00	37.51 2.05 0.00	30.02 1.46 0.00	35.75 1.42 0.00	31.42 1.20 0.00	29.37 1.05 0.00
INDIAN POINT_GT_3 24019	21.50 0.88 0.00	19.82 0.91 0.00	20.05 0.87 0.00	17.72 0.79 0.00	21.77 0.87 0.00	24.78 0.86 0.00	25.55 1.07 0.00	26.55 1.39 0.00	38.35 2.15 0.00	38.36 2.30 0.00	37.52 2.31 0.00	37.00 2.24 0.00	35.06 2.21 0.00	35.76 2.05 0.00	38.60 1.96 0.00	37.28 1.74 0.00	40.66 1.90 0.00	40.87 2.06 0.00	37.41 2.00 0.00	37.51 2.05 0.00	30.02 1.46 0.00	35.75 1.42 0.00	31.42 1.20 0.00	29.37 1.05 0.00
INDIAN POINT___2 23530	21.52 0.89 0.00	19.84 0.92 0.00	20.07 0.88 0.00	17.74 0.81 0.00	21.79 0.89 0.00	24.79 0.87 0.00	25.57 1.10 0.00	26.57 1.41 0.00	38.39 2.18 0.00	38.40 2.34 0.00	37.56 2.35 0.00	37.05 2.29 0.00	35.09 2.24 0.00	35.79 2.09 0.00	38.63 1.98 0.00	37.31 1.77 0.00	40.69 1.92 0.00	40.90 2.10 0.00	37.44 2.03 0.00	37.54 2.08 0.00	30.04 1.48 0.00	35.78 1.45 0.00	31.45 1.22 0.00	29.40 1.08 0.00
INDIAN POINT___3 23531	21.44 0.81 0.00	19.76 0.85 0.00	19.99 0.81 0.00	17.67 0.74 0.00	21.72 0.83 0.00	24.73 0.81 0.00	25.48 1.00 0.00	26.46 1.29 0.00	38.22 2.02 0.00	38.22 2.16 0.00	37.37 2.17 0.00	36.85 2.09 0.00	34.92 2.07 0.00	35.62 1.92 0.00	38.46 1.81 0.00	37.14 1.60 0.00	40.49 1.73 0.00	40.72 1.92 0.00	37.28 1.86 0.00	37.36 1.90 0.00	29.90 1.35 0.00	35.63 1.30 0.00	31.34 1.11 0.00	29.31 0.99 0.00
INGHAM_C_115KV_TB7 356103	20.47 -0.16 0.00	18.82 -0.09 0.00	19.08 -0.11 0.00	16.81 -0.12 0.00	20.70 -0.19 0.00	23.63 -0.29 0.00	24.32 -0.16 0.00	25.16 0.00 0.00	36.63 0.25 -0.18	36.45 0.39 0.00	35.47 0.26 0.00	35.51 0.23 -0.52	32.94 0.09 0.00	33.99 0.29 0.00	36.51 -0.13 0.00	35.26 -0.27 0.00	38.55 -0.21 0.00	38.70 -0.11 0.00	35.38 -0.04 0.00	35.43 -0.03 0.00	28.39 -0.17 0.00	34.01 -0.32 0.00	29.75 -0.47 0.00	27.72 -0.61 0.00
IP CORINTH___1 23988	21.22 0.59 0.00	19.49 0.58 0.00	19.71 0.53 0.00	17.39 0.46 0.00	21.45 0.56 0.00	24.53 0.61 0.00	25.29 0.81 0.00	26.19 1.03 0.00	37.98 1.78 0.00	37.84 1.79 0.00	36.86 1.66 0.00	36.34 1.59 0.00	34.23 1.38 0.00	35.31 1.60 0.00	38.10 1.46 0.00	36.82 1.28 0.00	40.20 1.44 0.00	40.33 1.53 0.00	36.95 1.54 0.00	36.89 1.42 0.00	29.59 1.04 0.00	35.26 0.93 0.00	30.98 0.76 0.00	28.90 0.57 0.00
IP___TICONDEROGA 23804	21.97 1.34 0.00	20.18 1.26 0.00	20.37 1.18 0.00	17.93 1.00 0.00	22.14 1.26 0.00	25.30 1.38 0.00	26.20 1.72 0.00	27.31 2.15 0.00	40.04 3.84 0.00	39.78 3.72 0.00	38.53 3.32 0.00	37.86 3.10 0.00	35.42 2.57 0.00	37.26 3.55 0.00	40.26 3.61 0.00	38.57 3.03 0.00	42.09 3.33 0.00	42.28 3.47 0.00	38.75 3.34 0.00	38.49 3.02 0.00	30.86 2.30 0.00	36.47 2.14 0.00	32.23 2.01 0.00	29.92 1.60 0.00

ISLIP_RES_REC 323679	22.01 1.38 0.00	20.23 1.32 0.00	20.42 1.24 0.00	18.04 1.11 0.00	22.19 1.30 0.00	25.30 1.38 0.00	26.40 1.92 0.00	27.28 2.11 0.00	38.83 2.63 0.00	38.99 2.94 0.00	39.22 3.10 -0.91	38.02 3.06 -0.21	35.77 2.92 0.00	36.18 2.48 0.00	39.18 2.54 0.00	37.96 2.43 0.00	41.26 2.50 0.00	41.68 2.87 -0.01	38.96 2.85 -0.69	45.23 2.92 -6.85	35.55 2.16 -4.83	36.84 2.34 -0.18	32.07 1.84 0.00	29.89 1.57 0.00
JAMAICA__27_KV_LOAD 355505	21.65 1.03 0.00	19.98 1.07 0.00	20.18 1.00 0.00	17.86 0.94 0.00	21.88 0.99 0.00	24.81 0.89 0.00	25.68 1.21 0.00	26.80 1.63 0.00	38.74 2.54 0.00	38.76 2.70 0.00	37.89 2.69 0.00	37.38 2.62 0.00	35.47 2.62 0.00	36.16 2.46 0.00	38.96 2.31 0.00	37.57 2.04 0.00	41.05 2.29 0.00	41.25 2.45 0.00	37.81 2.39 0.00	37.96 2.50 0.00	30.32 1.77 0.00	36.07 1.74 0.00	31.66 1.44 0.00	29.66 1.34 0.00
JANIS__SOLAR 323808	20.76 0.13 0.00	18.84 -0.07 0.00	19.38 0.19 0.00	16.98 0.05 0.00	21.07 0.18 0.00	24.42 0.50 0.00	25.00 0.52 0.00	25.69 0.53 0.00	36.92 0.72 0.00	36.78 0.72 0.00	35.93 0.73 0.00	35.48 0.72 0.00	33.38 0.53 0.00	34.31 0.61 0.00	37.44 0.79 0.00	36.38 0.84 0.00	39.59 0.83 0.00	40.08 1.27 0.00	36.59 1.18 0.00	36.74 1.28 0.00	29.57 1.01 0.00	35.31 0.98 0.00	31.00 0.78 0.00	29.62 1.30 0.00
JARVIS____ 23743	20.69 0.06 0.00	18.99 0.08 0.00	19.25 0.07 0.00	16.99 0.06 0.00	20.95 0.06 0.00	23.97 0.05 0.00	24.57 0.09 0.00	25.30 0.13 0.00	36.61 0.24 -0.18	36.32 0.26 0.00	35.45 0.25 0.00	35.52 0.24 -0.52	33.04 0.20 0.00	33.86 0.16 0.00	36.73 0.08 0.00	35.61 0.07 0.00	38.92 0.16 0.00	39.04 0.24 0.00	35.65 0.24 0.00	35.68 0.22 0.00	28.72 0.16 0.00	34.47 0.14 0.00	30.34 0.12 0.00	28.41 0.09 0.00
JENNISON__1 23625	21.02 0.39 0.00	18.81 -0.10 0.00	19.67 0.49 0.00	17.05 0.12 0.00	21.13 0.23 0.00	24.72 0.80 0.00	24.93 0.45 0.00	25.70 0.54 0.00	37.32 1.11 0.00	37.16 1.10 0.00	36.33 1.12 0.00	35.86 1.11 0.00	33.92 1.07 0.00	34.44 0.73 0.00	37.54 0.90 0.00	36.35 0.81 0.00	39.50 0.73 0.00	39.97 1.16 0.00	36.47 1.06 0.00	36.58 1.12 0.00	29.36 0.80 0.00	35.09 0.76 0.00	30.92 0.70 0.00	30.13 1.81 0.00
JENNISON__2 23626	21.02 0.39 0.00	18.81 -0.10 0.00	19.67 0.49 0.00	17.05 0.12 0.00	21.13 0.23 0.00	24.72 0.80 0.00	24.93 0.45 0.00	25.70 0.54 0.00	37.32 1.11 0.00	37.16 1.10 0.00	36.33 1.12 0.00	35.86 1.11 0.00	33.92 1.07 0.00	34.44 0.73 0.00	37.54 0.90 0.00	36.35 0.81 0.00	39.50 0.73 0.00	39.97 1.16 0.00	36.47 1.06 0.00	36.58 1.12 0.00	29.36 0.80 0.00	35.09 0.76 0.00	30.92 0.70 0.00	30.13 1.81 0.00
JERICHO_RISE_WT_PWR 323719	20.88 0.25 0.00	18.78 -0.14 0.00	18.61 -0.57 0.00	16.36 -0.57 0.00	20.16 -0.73 0.00	15.53 -0.89 7.51	-8.11 -1.13 31.46	-23.00 -1.24 46.93	-23.11 -1.85 57.46	-25.05 -1.85 59.26	-23.98 -1.84 57.34	-23.22 -1.80 56.18	-23.37 -1.52 54.70	-23.27 -1.51 55.47	-24.40 -1.48 59.57	-24.02 -1.36 58.20	-24.17 -1.47 61.46	-24.02 -1.74 61.08	-23.70 -1.57 57.54	10.89 -1.38 23.19	27.78 -0.78 0.00	-4.77 -1.14 37.96	-23.17 -1.08 52.32	-23.19 -0.97 50.54
KATONAH__115KV_46KV_TB4 355592	21.59 0.96 0.00	19.89 0.98 0.00	20.13 0.95 0.00	17.79 0.86 0.00	21.86 0.97 0.00	24.89 0.97 0.00	25.68 1.20 0.00	26.68 1.51 0.00	38.55 2.35 0.00	38.55 2.49 0.00	37.71 2.50 0.00	37.18 2.42 0.00	35.23 2.38 0.00	35.94 2.24 0.00	38.81 2.17 0.00	37.49 1.96 0.00	40.88 2.12 0.00	41.11 2.30 0.00	37.64 2.23 0.00	37.74 2.28 0.00	30.19 1.64 0.00	35.96 1.63 0.00	31.59 1.36 0.00	29.51 1.19 0.00
KCE_NY_1 323755	21.38 0.75 0.00	19.66 0.74 0.00	19.89 0.71 0.00	17.56 0.63 0.00	21.68 0.79 0.00	24.75 0.84 0.00	25.48 1.01 0.00	26.33 1.17 0.00	38.09 1.89 0.00	37.94 1.88 0.00	37.00 1.80 0.00	36.50 1.74 0.00	34.42 1.57 0.00	35.34 1.64 0.00	38.11 1.47 0.00	36.89 1.36 0.00	40.32 1.55 0.00	40.40 1.59 0.00	37.03 1.61 0.00	36.99 1.53 0.00	29.69 1.13 0.00	35.47 1.14 0.00	31.16 0.93 0.00	29.10 0.78 0.00
KCE_NY_6_ESR 323823	19.70 -0.93 0.00	17.92 -0.99 0.00	18.41 -0.77 0.00	16.22 -0.71 0.00	20.35 -0.54 0.00	23.69 -0.23 0.00	24.35 -0.13 0.00	24.75 -0.42 0.00	35.45 -0.75 0.00	35.02 -1.03 0.00	34.28 -0.93 0.00	34.29 -0.47 0.00	32.89 0.04 0.00	34.01 0.31 0.00	37.10 0.46 0.00	36.04 0.51 0.00	38.98 0.22 0.00	39.32 0.52 0.00	36.17 0.76 0.00	36.40 0.94 0.00	29.29 0.74 0.00	34.82 0.49 0.00	30.72 0.50 0.00	29.01 0.69 0.00
KEDC_PORT_JEFF_GT2 24210	21.92 1.29 0.00	20.14 1.23 0.00	20.34 1.15 0.00	17.96 1.03 0.00	22.08 1.19 0.00	25.17 1.24 0.00	26.23 1.76 0.00	27.10 1.93 0.00	38.57 2.37 0.00	38.72 2.66 0.00	38.87 2.82 -0.85	37.73 2.78 -0.20	35.52 2.67 0.00	35.92 2.21 0.00	38.88 2.23 0.00	37.66 2.12 0.00	40.84 2.07 0.00	41.26 2.45 -0.01	38.56 2.45 -0.69	44.79 2.54 -6.79	35.00 1.94 -4.50	36.58 2.08 -0.16	31.87 1.65 0.00	29.72 1.40 0.00
KEDC_PORT_JEFF_GT3 24211	21.92 1.29 0.00	20.14 1.23 0.00	20.34 1.15 0.00	17.96 1.03 0.00	22.08 1.19 0.00	25.17 1.24 0.00	26.23 1.76 0.00	27.10 1.93 0.00	38.57 2.37 0.00	38.72 2.66 0.00	38.87 2.82 -0.85	37.73 2.78 -0.20	35.52 2.67 0.00	35.92 2.21 0.00	38.88 2.23 0.00	37.66 2.12 0.00	40.84 2.07 0.00	41.26 2.45 -0.01	38.56 2.45 -0.69	44.79 2.54 -6.79	35.00 1.94 -4.50	36.58 2.08 -0.16	31.87 1.65 0.00	29.72 1.40 0.00
KEDC_GLWD_GT4 24219	21.70 1.07 0.00	19.98 1.07 0.00	20.19 1.01 0.00	17.84 0.91 0.00	21.93 1.04 0.00	24.97 1.05 0.00	25.82 1.35 0.00	26.80 1.63 0.00	38.62 2.42 0.00	38.70 2.64 0.00	42.04 2.75 -4.09	38.37 2.66 -0.96	35.44 2.59 0.00	36.04 2.34 0.00	38.93 2.28 0.00	37.65 2.11 0.00	41.01 2.24 0.00	41.30 2.48 -0.02	38.97 2.38 -1.19	50.16 2.46 -12.24	52.00 1.80 -21.65	36.95 1.82 -0.80	31.72 1.49 0.00	29.64 1.32 0.00
KEDC_GLWD_GT5 24220	21.70 1.07 0.00	19.98 1.07 0.00	20.19 1.01 0.00	17.84 0.91 0.00	21.93 1.04 0.00	24.97 1.05 0.00	25.82 1.35 0.00	26.80 1.63 0.00	38.62 2.42 0.00	38.70 2.64 0.00	42.04 2.75 -4.09	38.37 2.66 -0.96	35.44 2.59 0.00	36.04 2.34 0.00	38.93 2.28 0.00	37.65 2.11 0.00	41.01 2.24 0.00	41.30 2.48 -0.02	38.97 2.38 -1.19	50.16 2.46 -12.24	52.00 1.80 -21.65	36.95 1.82 -0.80	31.72 1.49 0.00	29.64 1.32 0.00
KENSICO____ 23655	21.52 0.89 0.00	19.83 0.92 0.00	20.07 0.88 0.00	17.74 0.81 0.00	21.79 0.90 0.00	24.80 0.87 0.00	25.57 1.09 0.00	26.57 1.41 0.00	38.39 2.18 0.00	38.40 2.34 0.00	37.55 2.35 0.00	37.03 2.27 0.00	35.09 2.24 0.00	35.79 2.08 0.00	38.63 1.99 0.00	37.31 1.77 0.00	40.68 1.92 0.00	40.91 2.10 0.00	37.44 2.03 0.00	37.53 2.07 0.00	30.04 1.48 0.00	35.78 1.45 0.00	31.45 1.22 0.00	29.40 1.08 0.00

KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.69 1.07 0.00	20.00 1.09 0.00	20.25 1.07 0.00	17.90 0.97 0.00	22.04 1.14 0.00	25.15 1.23 0.00	25.96 1.49 0.00	27.00 1.83 0.00	39.10 2.90 0.00	39.09 3.03 0.00	38.30 3.10 0.00	37.79 3.03 0.00	35.78 2.93 0.00	36.43 2.73 0.00	39.28 2.64 0.00	38.05 2.52 0.00	41.50 2.74 0.00	41.76 2.95 0.00	38.24 2.83 0.00	38.34 2.88 0.00	30.68 2.12 0.00	36.55 2.22 0.00	32.12 1.90 0.00	30.02 1.70 0.00
KIAC_JFK_GT1 23816	21.54 0.91 0.00	19.88 0.97 0.00	20.08 0.90 0.00	17.77 0.84 0.00	21.77 0.88 0.00	24.68 0.75 0.00	25.53 1.05 0.00	26.64 1.47 0.00	38.51 2.31 0.00	38.53 2.47 0.00	37.67 2.47 0.00	37.16 2.40 0.00	35.25 2.40 0.00	35.94 2.24 0.00	38.72 2.08 0.00	37.35 1.81 0.00	40.80 2.04 0.00	41.01 2.20 0.00	37.56 2.15 0.00	37.71 2.24 0.00	30.14 1.58 0.00	35.85 1.52 0.00	31.47 1.25 0.00	29.47 1.15 0.00
KIAC_JFK_GT2 23817	21.54 0.91 0.00	19.88 0.97 0.00	20.08 0.90 0.00	17.77 0.84 0.00	21.77 0.88 0.00	24.68 0.75 0.00	25.53 1.05 0.00	26.64 1.47 0.00	38.51 2.31 0.00	38.53 2.47 0.00	37.67 2.47 0.00	37.16 2.40 0.00	35.25 2.40 0.00	35.94 2.24 0.00	38.72 2.08 0.00	37.35 1.81 0.00	40.80 2.04 0.00	41.01 2.20 0.00	37.56 2.15 0.00	37.71 2.24 0.00	30.14 1.58 0.00	35.85 1.52 0.00	31.47 1.25 0.00	29.47 1.15 0.00
KIAC_JFK____ 323774	21.54 0.91 0.00	19.88 0.97 0.00	20.08 0.90 0.00	17.77 0.84 0.00	21.77 0.88 0.00	24.67 0.75 0.00	25.54 1.06 0.00	26.64 1.48 0.00	38.51 2.31 0.00	38.54 2.48 0.00	37.67 2.47 0.00	37.16 2.41 0.00	35.25 2.40 0.00	35.95 2.25 0.00	38.73 2.08 0.00	37.35 1.82 0.00	40.80 2.04 0.00	41.00 2.20 0.00	37.56 2.15 0.00	37.71 2.24 0.00	30.13 1.58 0.00	35.85 1.52 0.00	31.47 1.25 0.00	29.48 1.16 0.00
KINTIGH____ 23543	19.45 -1.17 0.00	17.69 -1.22 0.00	18.15 -1.03 0.00	16.02 -0.91 0.00	20.10 -0.79 0.00	23.32 -0.60 0.00	23.92 -0.56 0.00	24.34 -0.83 0.00	34.78 -1.42 0.00	34.36 -1.70 0.00	33.54 -1.67 0.00	33.46 -1.30 0.00	31.97 -0.88 0.00	32.99 -0.71 0.00	35.96 -0.68 0.00	35.01 -0.53 0.00	38.00 -0.76 0.00	38.22 -0.58 0.00	35.18 -0.24 0.00	35.32 -0.14 0.00	28.43 -0.12 0.00	33.78 -0.56 0.00	29.78 -0.44 0.00	28.14 -0.18 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	21.30 0.67 0.00	18.99 0.08 0.00	18.67 -0.52 0.00	16.38 -0.55 0.00	20.17 -0.72 0.00	15.78 -0.97 7.17	-6.70 -1.11 30.07	-20.86 -1.17 44.86	-20.65 -1.72 55.13	-22.04 -1.46 56.64	-21.01 -1.40 54.81	-20.86 -1.32 54.29	-20.72 -1.22 52.36	-20.60 -1.22 53.09	-21.32 -0.97 57.00	-20.97 -0.81 55.69	-20.91 -0.86 58.81	-20.80 -1.15 58.45	-20.72 -1.07 55.07	12.11 -1.16 22.20	28.11 -0.45 0.00	-2.89 -0.90 36.33	-20.67 -0.83 50.07	-20.80 -0.76 48.37
LACHUTE____HYDRO 323717	21.97 1.34 0.00	20.18 1.26 0.00	20.37 1.18 0.00	17.93 1.00 0.00	22.14 1.25 0.00	25.30 1.38 0.00	26.20 1.73 0.00	27.32 2.15 0.00	40.04 3.84 0.00	39.78 3.72 0.00	38.53 3.33 0.00	37.86 3.10 0.00	35.43 2.58 0.00	37.25 3.55 0.00	40.26 3.61 0.00	38.56 3.03 0.00	42.09 3.33 0.00	42.28 3.47 0.00	38.75 3.34 0.00	38.49 3.02 0.00	30.86 2.30 0.00	36.47 2.14 0.00	32.23 2.01 0.00	29.93 1.61 0.00
LAWRNCAY_115KV_TB1 80681	20.39 -0.24 0.00	18.59 -0.32 0.00	18.79 -0.40 0.00	16.57 -0.36 0.00	20.47 -0.42 0.00	24.32 -0.44 -0.84	27.23 -0.75 -3.50	29.52 -0.87 -5.22	37.84 -1.32 -2.96	41.37 -1.29 -6.60	40.23 -1.36 -6.39	29.76 -1.26 3.73	37.82 -0.96 -5.92	38.72 -0.99 -6.01	42.21 -0.91 -6.47	41.11 -0.74 -6.32	44.72 -0.72 -6.68	44.46 -0.99 -6.64	40.89 -0.78 -6.25	37.27 -0.71 -2.52	28.11 -0.44 0.00	38.08 -0.38 -4.13	35.55 -0.37 -5.68	33.58 -0.23 -5.49
LEDERLE____ 23769	21.51 0.88 0.00	19.81 0.89 0.00	20.05 0.86 0.00	17.72 0.78 0.00	21.80 0.91 0.00	24.83 0.91 0.00	25.58 1.10 0.00	26.56 1.39 0.00	38.37 2.17 0.00	38.38 2.32 0.00	37.53 2.33 0.00	37.02 2.26 0.00	35.08 2.23 0.00	35.79 2.09 0.00	38.66 2.02 0.00	37.31 1.78 0.00	40.67 1.90 0.00	40.94 2.13 0.00	37.46 2.05 0.00	37.54 2.07 0.00	30.06 1.50 0.00	35.81 1.48 0.00	31.50 1.27 0.00	29.46 1.14 0.00
LIGHTHSE_115KV_TB6 355974	19.82 -0.81 0.00	18.08 -0.83 0.00	18.39 -0.79 0.00	16.22 -0.71 0.00	20.03 -0.86 0.00	23.05 -0.87 0.00	23.70 -0.77 0.00	24.36 -0.80 0.00	34.75 -1.17 0.27	34.92 -1.14 0.00	34.00 -1.20 0.00	33.02 -0.94 0.80	32.01 -0.83 0.00	32.70 -1.00 0.00	35.46 -1.19 0.00	34.59 -0.95 0.00	38.13 -0.63 0.00	38.60 -0.21 0.00	35.33 -0.09 0.00	35.25 -0.21 0.00	28.42 -0.14 0.00	34.00 -0.33 0.00	29.89 -0.33 0.00	28.08 -0.25 0.00
LINDEN COGEN____ 23786	21.48 0.85 0.00	19.80 0.89 0.00	20.01 0.82 0.00	17.70 0.77 0.00	21.71 0.82 0.00	24.66 0.74 0.00	25.47 0.99 0.00	26.53 1.36 0.00	38.35 2.15 0.00	38.40 2.34 0.00	37.59 2.38 0.00	37.05 2.29 0.00	35.13 2.28 0.00	35.82 2.11 0.00	38.61 1.97 0.00	37.26 1.73 0.00	40.66 1.90 0.00	40.83 2.03 0.00	37.39 1.98 0.00	37.52 2.06 0.00	30.00 1.45 0.00	35.68 1.35 0.00	31.35 1.13 0.00	29.34 1.02 0.00
LINDHRST_69_KV_BK1 356055	21.94 1.31 0.00	20.18 1.27 0.00	20.38 1.20 0.00	18.00 1.07 0.00	22.13 1.24 0.00	25.23 1.30 0.00	26.19 1.71 0.00	27.13 1.96 0.00	38.90 2.70 0.00	39.03 2.97 0.00	40.27 3.15 -1.91	38.26 3.05 -0.44	35.80 2.95 0.00	36.29 2.59 0.00	39.25 2.61 0.00	38.03 2.49 0.00	41.36 2.60 0.00	41.75 2.93 -0.01	38.97 2.79 -0.77	46.15 2.90 -7.79	40.83 2.15 -10.13	36.97 2.27 -0.37	32.05 1.83 0.00	29.92 1.59 0.00
LIPA_MISC_IPP 23656	21.86 1.23 0.00	20.09 1.18 0.00	20.29 1.11 0.00	17.92 0.99 0.00	22.03 1.14 0.00	25.13 1.21 0.00	26.28 1.80 0.00	27.07 1.91 0.00	38.25 2.05 0.00	38.41 2.35 0.00	38.53 2.50 -0.82	37.42 2.47 -0.19	35.27 2.42 0.00	35.61 1.91 0.00	38.62 1.97 0.00	37.45 1.92 0.00	40.70 1.94 0.00	41.13 2.31 -0.01	38.53 2.43 -0.69	44.67 2.45 -6.76	34.61 1.69 -4.36	36.35 1.86 -0.16	31.65 1.43 0.00	29.50 1.18 0.00
LISF____SOLAR 323691	21.89 1.26 0.00	20.13 1.21 0.00	20.32 1.14 0.00	17.95 1.02 0.00	22.07 1.18 0.00	25.17 1.25 0.00	26.34 1.86 0.00	27.12 1.96 0.00	38.31 2.11 0.00	38.46 2.41 0.00	38.59 2.55 -0.83	37.48 2.53 -0.19	35.32 2.47 0.00	35.68 1.97 0.00	38.68 2.04 0.00	37.48 1.95 0.00	40.77 2.00 0.00	41.20 2.39 -0.01	38.62 2.52 -0.69	44.75 2.52 -6.77	34.73 1.76 -4.42	36.41 1.92 -0.16	31.71 1.48 0.00	29.56 1.23 0.00
LITTLE FALLS____HYD 24013	20.47 -0.16 0.00	18.82 -0.09 0.00	19.08 -0.11 0.00	16.81 -0.12 0.00	20.70 -0.19 0.00	23.63 -0.29 0.00	24.32 -0.16 0.00	25.16 0.00 0.00	36.63 0.25 -0.18	36.45 0.39 0.00	35.47 0.26 0.00	35.51 0.23 -0.52	32.94 0.09 0.00	33.99 0.29 0.00	36.51 -0.13 0.00	35.26 -0.27 0.00	38.55 -0.21 0.00	38.70 -0.11 0.00	35.38 -0.04 0.00	35.43 -0.03 0.00	28.39 -0.17 0.00	34.01 -0.32 0.00	29.75 -0.47 0.00	27.72 -0.61 0.00

LITTLRIV_115KV_TB1 356100	20.65 0.02 0.00	18.83 -0.08 0.00	19.04 -0.15 0.00	16.80 -0.13 0.00	20.76 -0.13 0.00	24.76 -0.09 -0.93	28.00 -0.36 -3.88	30.48 -0.46 -5.78	39.10 -0.77 -3.67	42.60 -0.77 -7.30	41.46 -0.82 -7.07	31.03 -0.74 2.99	38.94 -0.47 -6.56	39.86 -0.49 -6.65	43.47 -0.34 -7.16	42.32 -0.22 -7.00	45.99 -0.17 -7.39	45.73 -0.42 -7.35	42.09 -0.25 -6.92	38.07 -0.19 -2.79	28.52 -0.04 0.00	39.01 0.12 -4.57	36.56 0.04 -6.29	34.53 0.13 -6.08
LI_NEWBRDGE___DRP 323616	21.62 0.99 0.00	19.90 0.99 0.00	20.09 0.91 0.00	17.75 0.82 0.00	21.81 0.92 0.00	24.84 0.92 0.00	25.73 1.25 0.00	26.65 1.48 0.00	38.27 2.07 0.00	38.39 2.33 0.00	37.96 2.50 -0.25	37.22 2.40 -0.06	35.17 2.32 0.00	35.69 1.99 0.00	38.56 1.92 0.00	37.35 1.81 0.00	40.64 1.88 0.00	40.97 2.16 -0.01	38.13 2.08 -0.64	43.81 2.16 -6.18	31.48 1.60 -1.33	35.98 1.61 -0.04	31.50 1.28 0.00	29.44 1.12 0.00
LOCKPORT_115KV_TB60_63_64 80432	19.57 -1.06 0.00	17.75 -1.17 0.00	18.26 -0.93 0.00	16.11 -0.82 0.00	20.25 -0.64 0.00	23.56 -0.37 0.00	24.15 -0.33 0.00	24.53 -0.64 0.00	34.99 -1.21 0.00	34.52 -1.54 0.00	33.72 -1.49 0.00	33.75 -1.01 0.00	32.37 -0.48 0.00	33.48 -0.23 0.00	36.47 -0.18 0.00	35.53 -0.01 0.00	38.50 -0.26 0.00	38.74 -0.06 0.00	35.73 0.31 0.00	35.90 0.44 0.00	28.89 0.34 0.00	34.22 -0.11 0.00	30.19 -0.03 0.00	28.65 0.32 0.00
LOCKPORT___CC1 323769	19.52 -1.11 0.00	17.72 -1.20 0.00	18.22 -0.96 0.00	16.08 -0.85 0.00	20.21 -0.68 0.00	23.51 -0.41 0.00	24.08 -0.40 0.00	24.48 -0.68 0.00	34.93 -1.27 0.00	34.46 -1.60 0.00	33.67 -1.54 0.00	33.69 -1.07 0.00	32.34 -0.51 0.00	33.42 -0.28 0.00	36.44 -0.20 0.00	35.52 -0.02 0.00	38.48 -0.28 0.00	38.72 -0.08 0.00	35.68 0.26 0.00	35.84 0.38 0.00	28.85 0.30 0.00	34.19 -0.15 0.00	30.15 -0.07 0.00	28.59 0.26 0.00
LOCKPORT___CC2 323770	19.52 -1.11 0.00	17.72 -1.20 0.00	18.22 -0.96 0.00	16.08 -0.85 0.00	20.21 -0.68 0.00	23.51 -0.41 0.00	24.08 -0.40 0.00	24.48 -0.68 0.00	34.93 -1.27 0.00	34.46 -1.60 0.00	33.67 -1.54 0.00	33.69 -1.07 0.00	32.34 -0.51 0.00	33.42 -0.28 0.00	36.44 -0.20 0.00	35.52 -0.02 0.00	38.48 -0.28 0.00	38.72 -0.08 0.00	35.68 0.26 0.00	35.84 0.38 0.00	28.85 0.30 0.00	34.19 -0.15 0.00	30.15 -0.07 0.00	28.59 0.26 0.00
LOCKPORT___CC3 323771	19.52 -1.11 0.00	17.72 -1.20 0.00	18.22 -0.96 0.00	16.08 -0.85 0.00	20.21 -0.68 0.00	23.51 -0.41 0.00	24.08 -0.40 0.00	24.48 -0.68 0.00	34.93 -1.27 0.00	34.46 -1.60 0.00	33.67 -1.54 0.00	33.69 -1.07 0.00	32.34 -0.51 0.00	33.42 -0.28 0.00	36.44 -0.20 0.00	35.52 -0.02 0.00	38.48 -0.28 0.00	38.72 -0.08 0.00	35.68 0.26 0.00	35.84 0.38 0.00	28.85 0.30 0.00	34.19 -0.15 0.00	30.15 -0.07 0.00	28.59 0.26 0.00
LONG_LAKE_PHOENIX 24014	20.01 -0.62 0.00	18.31 -0.61 0.00	18.61 -0.57 0.00	16.43 -0.50 0.00	20.32 -0.57 0.00	23.35 -0.57 0.00	23.96 -0.51 0.00	24.60 -0.57 0.00	35.33 -0.87 0.00	35.15 -0.90 0.00	34.32 -0.88 0.00	33.97 -0.79 0.00	32.14 -0.71 0.00	32.95 -0.76 0.00	35.76 -0.88 0.00	34.79 -0.74 0.00	37.99 -0.78 0.00	38.16 -0.64 0.00	34.92 -0.50 0.00	34.97 -0.49 0.00	28.16 -0.40 0.00	33.67 -0.66 0.00	29.62 -0.61 0.00	27.82 -0.51 0.00
LOVETT___3 23632	21.42 0.79 0.00	19.73 0.82 0.00	19.97 0.78 0.00	17.65 0.72 0.00	21.70 0.81 0.00	24.71 0.79 0.00	25.46 0.98 0.00	26.43 1.26 0.00	38.17 1.97 0.00	38.17 2.11 0.00	37.33 2.12 0.00	36.81 2.05 0.00	34.88 2.03 0.00	35.59 1.89 0.00	38.43 1.79 0.00	37.10 1.56 0.00	40.43 1.67 0.00	40.70 1.90 0.00	37.24 1.83 0.00	37.32 1.85 0.00	29.87 1.32 0.00	35.60 1.27 0.00	31.32 1.10 0.00	29.31 0.98 0.00
LOVETT___4 23642	21.42 0.79 0.00	19.73 0.82 0.00	19.97 0.78 0.00	17.65 0.72 0.00	21.70 0.81 0.00	24.71 0.79 0.00	25.46 0.98 0.00	26.43 1.26 0.00	38.17 1.97 0.00	38.17 2.11 0.00	37.33 2.12 0.00	36.81 2.05 0.00	34.88 2.03 0.00	35.59 1.89 0.00	38.43 1.79 0.00	37.10 1.56 0.00	40.43 1.67 0.00	40.70 1.90 0.00	37.24 1.83 0.00	37.32 1.85 0.00	29.87 1.32 0.00	35.60 1.27 0.00	31.32 1.10 0.00	29.31 0.98 0.00
LOVETT___5 23593	21.42 0.79 0.00	19.73 0.82 0.00	19.97 0.78 0.00	17.65 0.72 0.00	21.70 0.81 0.00	24.71 0.79 0.00	25.46 0.98 0.00	26.43 1.26 0.00	38.17 1.97 0.00	38.17 2.11 0.00	37.33 2.12 0.00	36.81 2.05 0.00	34.88 2.03 0.00	35.59 1.89 0.00	38.43 1.79 0.00	37.10 1.56 0.00	40.43 1.67 0.00	40.70 1.90 0.00	37.24 1.83 0.00	37.32 1.85 0.00	29.87 1.32 0.00	35.60 1.27 0.00	31.32 1.10 0.00	29.31 0.98 0.00
LOWER RAQUET___HYD 24057	20.30 -0.33 0.00	18.49 -0.43 0.00	18.68 -0.50 0.00	16.48 -0.45 0.00	20.35 -0.54 0.00	24.36 -0.58 -1.01	27.79 -0.92 -4.23	30.44 -1.03 -6.31	38.99 -1.55 -4.34	42.52 -1.51 -7.97	41.33 -1.59 -7.71	30.99 -1.48 2.29	38.87 -1.13 -7.15	39.78 -1.18 -7.26	43.33 -1.13 -7.82	42.22 -0.95 -7.64	45.91 -0.91 -8.07	45.65 -1.17 -8.02	42.05 -0.91 -7.55	37.67 -0.83 -3.04	28.03 -0.53 0.00	38.82 -0.50 -4.98	36.62 -0.47 -6.87	34.64 -0.31 -6.63
LOWER___HUDSON 24059	21.25 0.62 0.00	19.55 0.63 0.00	19.79 0.60 0.00	17.47 0.54 0.00	21.52 0.63 0.00	24.56 0.63 0.00	25.19 0.72 0.00	26.00 0.83 0.00	37.55 1.35 0.00	37.43 1.37 0.00	36.52 1.31 0.00	36.00 1.25 0.00	33.97 1.12 0.00	34.79 1.08 0.00	37.48 0.84 0.00	36.35 0.82 0.00	39.68 0.91 0.00	39.73 0.93 0.00	36.41 0.99 0.00	36.37 0.91 0.00	29.20 0.64 0.00	34.91 0.58 0.00	30.69 0.47 0.00	28.66 0.33 0.00
LOWVILLE_115KV_TB2 356335	20.06 -0.56 0.00	18.15 -0.77 0.00	18.44 -0.74 0.00	16.23 -0.69 0.00	20.06 -0.83 0.00	23.39 -0.82 -0.29	24.94 -0.76 -1.22	26.33 -0.65 -1.81	36.78 -0.79 -1.37	38.00 -0.35 -2.29	36.51 -0.91 -2.22	34.04 -0.41 0.31	34.63 -0.28 -2.06	34.92 -0.87 -2.09	37.57 -1.32 -2.25	37.00 -0.73 -2.20	41.14 0.06 -2.32	42.24 1.13 -2.31	38.63 1.04 -2.17	37.01 0.68 -0.88	29.29 0.74 0.00	36.66 0.89 -1.43	32.94 0.74 -1.98	30.92 0.69 -1.91
LUTHERFT_115KV_GLOB_FND_222 355753	21.39 0.76 0.00	19.65 0.74 0.00	19.90 0.71 0.00	17.56 0.63 0.00	21.66 0.77 0.00	24.76 0.84 0.00	25.46 0.98 0.00	26.31 1.15 0.00	38.04 1.84 0.00	37.90 1.84 0.00	36.96 1.76 0.00	36.46 1.70 0.00	34.39 1.54 0.00	35.31 1.60 0.00	38.09 1.44 0.00	36.89 1.36 0.00	40.29 1.53 0.00	40.38 1.58 0.00	37.00 1.58 0.00	36.97 1.51 0.00	29.67 1.11 0.00	35.44 1.11 0.00	31.14 0.92 0.00	29.08 0.75 0.00
LUTHERNY_35_KV_BK2 355980	21.38 0.75 0.00	19.66 0.74 0.00	19.89 0.71 0.00	17.56 0.63 0.00	21.68 0.79 0.00	24.75 0.83 0.00	25.48 1.00 0.00	26.33 1.17 0.00	38.09 1.89 0.00	37.94 1.88 0.00	37.00 1.79 0.00	36.50 1.74 0.00	34.42 1.57 0.00	35.34 1.63 0.00	38.11 1.46 0.00	36.89 1.36 0.00	40.32 1.55 0.00	40.40 1.60 0.00	37.03 1.61 0.00	36.99 1.53 0.00	29.69 1.13 0.00	35.47 1.14 0.00	31.15 0.93 0.00	29.10 0.77 0.00

LWR___OSWEGATCHIE_HYD 23850	20.10 -0.53 0.00	18.26 -0.66 0.00	18.50 -0.69 0.00	16.30 -0.63 0.00	20.14 -0.75 0.00	23.84 -0.77 -0.69	26.46 -0.90 -2.88	28.55 -0.91 -4.29	37.92 -1.27 -2.99	40.39 -1.09 -5.42	39.08 -1.36 -5.24	32.25 -1.08 1.43	36.88 -0.84 -4.86	37.49 -1.15 -4.94	40.65 -1.31 -5.32	39.81 -0.92 -5.19	43.76 -0.49 -5.48	44.15 -0.11 -5.45	40.56 0.01 -5.13	37.40 -0.13 -2.07	28.59 0.04 0.00	37.81 0.09 -3.39	34.93 0.04 -4.67	32.93 0.10 -4.51
LYONS_FALL_HYD 23570	20.43 -0.20 0.00	18.57 -0.34 0.00	18.86 -0.32 0.00	16.62 -0.31 0.00	20.53 -0.36 0.00	23.80 -0.31 -0.19	25.08 -0.21 -0.81	26.27 -0.11 -1.21	37.13 -0.05 -0.98	37.80 0.22 -1.53	36.56 -0.12 -1.48	34.96 0.20 0.00	34.45 0.23 -1.37	34.95 -0.14 -1.39	37.68 -0.47 -1.50	36.87 -0.13 -1.46	40.73 0.42 -1.55	41.50 1.16 -1.54	37.92 1.06 -1.45	36.86 0.81 -0.58	29.36 0.81 0.00	36.21 0.93 -0.96	32.31 0.77 -1.32	30.30 0.70 -1.27
MADISON___COUNTY_LFGE 323628	20.89 0.26 0.00	19.11 0.19 0.00	19.40 0.22 0.00	17.13 0.20 0.00	21.18 0.28 0.00	24.34 0.41 0.00	25.07 0.59 0.00	25.80 0.63 0.00	37.17 0.97 0.00	37.06 1.01 0.00	36.18 0.98 0.00	35.78 1.02 0.00	33.77 0.92 0.00	34.53 0.82 0.00	37.13 0.49 0.00	36.02 0.48 0.00	39.52 0.76 0.00	39.93 1.13 0.00	36.42 1.00 0.00	36.44 0.98 0.00	29.57 1.01 0.00	35.47 1.14 0.00	31.15 0.92 0.00	29.22 0.90 0.00
MALONE___115KV_TB1 356076	20.94 0.31 0.00	18.89 -0.03 0.00	18.81 -0.37 0.00	16.55 -0.38 0.00	20.41 -0.48 0.00	27.85 -0.56 -4.48	42.48 -0.79 -18.80	52.32 -0.88 -28.03	63.70 -1.31 -28.81	70.18 -1.28 -35.41	68.17 -1.30 -34.26	51.01 -1.23 -17.48	63.68 -0.95 -31.78	64.99 -0.96 -32.24	70.53 -0.84 -34.73	68.77 -0.69 -33.93	73.85 -0.74 -35.83	73.41 -1.01 -35.61	68.15 -0.82 -33.55	48.32 -0.67 -13.52	28.30 -0.26 0.00	55.99 -0.48 -22.13	60.20 -0.52 -30.50	57.38 -0.41 -29.47
MAPLEWOD_115KV_TB3 80458	21.27 0.64 0.00	19.58 0.66 0.00	19.82 0.63 0.00	17.50 0.57 0.00	21.54 0.65 0.00	24.59 0.67 0.00	25.20 0.72 0.00	25.91 0.74 0.00	37.33 1.13 0.00	37.24 1.18 0.00	36.36 1.16 0.00	35.84 1.09 0.00	33.62 0.77 0.00	34.36 0.66 0.00	37.26 0.62 0.00	36.14 0.61 0.00	39.44 0.68 0.00	39.56 0.75 0.00	36.22 0.80 0.00	36.23 0.77 0.00	29.09 0.53 0.00	34.78 0.45 0.00	30.58 0.35 0.00	28.59 0.27 0.00
MAPLE_RIDGE_WT_1 323574	20.17 -0.45 0.00	18.38 -0.54 0.00	18.68 -0.50 0.00	16.42 -0.51 0.00	20.21 -0.68 0.00	23.12 -0.80 0.00	23.62 -0.86 0.00	24.21 -0.95 0.00	28.58 -1.38 6.25	34.80 -1.26 0.00	33.95 -1.25 0.00	15.52 -1.14 18.10	31.96 -0.89 0.00	32.64 -1.07 0.00	35.36 -1.28 0.00	34.44 -1.10 0.00	37.95 -0.82 0.00	38.33 -0.47 0.00	34.77 -0.65 0.00	34.84 -0.63 0.00	28.28 -0.28 0.00	34.22 -0.11 0.00	30.14 -0.08 0.00	28.25 -0.07 0.00
MAPLE_RIDGE_WT_2 323611	20.17 -0.45 0.00	18.38 -0.54 0.00	18.68 -0.50 0.00	16.42 -0.51 0.00	20.21 -0.68 0.00	23.12 -0.80 0.00	23.62 -0.86 0.00	24.21 -0.95 0.00	28.58 -1.38 6.25	34.80 -1.26 0.00	33.95 -1.25 0.00	15.52 -1.14 18.10	31.96 -0.89 0.00	32.64 -1.07 0.00	35.36 -1.28 0.00	34.44 -1.10 0.00	37.95 -0.82 0.00	38.33 -0.47 0.00	34.77 -0.65 0.00	34.84 -0.63 0.00	28.28 -0.28 0.00	34.22 -0.11 0.00	30.14 -0.08 0.00	28.25 -0.07 0.00
MARBLE_RIVER_WT_PWR 323696	21.17 0.54 0.00	18.71 -0.21 0.00	18.20 -0.98 0.00	15.97 -0.97 0.00	19.67 -1.22 0.00	15.23 -1.58 7.11	-7.01 -1.67 29.81	-21.00 -1.70 44.47	-21.00 -2.51 54.69	-21.96 -1.87 56.15	-21.00 -1.87 54.34	-21.00 -1.82 53.94	-21.00 -1.93 51.91	-21.00 -2.07 52.64	-21.46 -1.58 56.52	-21.00 -1.31 55.22	-21.00 -1.45 58.31	-21.00 -1.84 57.96	-21.00 -1.81 54.60	11.23 -2.23 22.01	27.32 -1.23 0.00	-3.48 -1.79 36.02	-21.00 -1.58 49.64	-21.00 -1.36 47.96
MARSHVLE_115KV_TB1 80742	21.48 0.85 0.00	19.62 0.71 0.00	19.96 0.77 0.00	17.59 0.65 0.00	21.77 0.88 0.00	25.08 1.16 0.00	25.75 1.27 0.00	26.53 1.37 0.00	38.20 2.01 0.00	38.10 2.04 0.00	37.15 1.95 0.00	36.85 2.10 0.00	34.92 2.07 0.00	35.99 2.29 0.00	38.98 2.34 0.00	37.76 2.22 0.00	41.42 2.66 0.00	41.57 2.77 0.00	37.98 2.57 0.00	38.11 2.64 0.00	30.73 2.17 0.00	37.01 2.67 0.00	32.52 2.29 0.00	30.43 2.10 0.00
MARSH_HILL_WT_PWR 323713	19.09 -1.54 0.00	17.53 -1.38 0.00	17.99 -1.19 0.00	15.78 -1.15 0.00	19.54 -1.35 0.00	22.64 -1.29 0.00	23.36 -1.12 0.00	24.02 -1.15 0.00	34.71 -1.49 0.00	34.38 -1.67 0.00	33.91 -1.30 0.00	33.50 -1.25 0.00	31.55 -1.30 0.00	32.67 -1.03 0.00	37.57 0.93 0.00	35.18 -0.36 0.00	38.29 -0.48 0.00	38.86 0.06 0.00	35.65 0.23 0.00	36.25 0.79 0.00	29.58 1.02 0.00	35.54 1.21 0.00	31.60 1.37 0.00	29.64 1.32 0.00
MCINTYRE_115KV_TB2 80467	20.89 0.26 0.00	19.07 0.16 0.00	19.30 0.12 0.00	17.04 0.11 0.00	21.06 0.17 0.00	24.99 0.28 -0.79	27.85 0.06 -3.31	30.04 -0.07 -4.94	38.57 -0.22 -2.59	42.03 -0.27 -6.24	40.94 -0.30 -6.04	30.39 -0.26 4.11	38.39 -0.05 -5.60	39.35 -0.03 -5.68	42.96 0.20 -6.12	41.79 0.28 -5.98	45.43 0.35 -6.31	45.15 0.08 -6.27	41.48 0.16 -5.91	38.07 0.22 -2.38	28.84 0.28 0.00	38.74 0.51 -3.90	35.97 0.38 -5.37	33.93 0.42 -5.19
MECO____69_KV_BK1 80468	22.34 1.71 0.00	20.40 1.49 0.00	20.75 1.56 0.00	18.27 1.35 0.00	22.66 1.77 0.00	26.12 2.19 0.00	26.94 2.46 0.00	27.90 2.74 0.00	40.15 3.95 0.00	39.95 3.89 0.00	38.96 3.75 0.00	38.65 3.89 0.00	36.59 3.74 0.00	37.70 4.00 0.00	40.58 3.94 0.00	39.35 3.81 0.00	43.26 4.50 0.00	43.49 4.69 0.00	39.87 4.46 0.00	40.07 4.61 0.00	32.15 3.60 0.00	38.49 4.16 0.00	33.69 3.47 0.00	31.43 3.11 0.00
MENANDS__115KV_TB5 355628	21.23 0.60 0.00	19.55 0.63 0.00	19.78 0.60 0.00	17.48 0.55 0.00	21.50 0.61 0.00	24.53 0.61 0.00	25.12 0.64 0.00	25.78 0.62 0.00	37.13 0.93 0.00	37.04 0.98 0.00	36.17 0.96 0.00	35.64 0.89 0.00	33.40 0.55 0.00	34.14 0.44 0.00	37.03 0.39 0.00	35.93 0.39 0.00	39.21 0.44 0.00	39.30 0.49 0.00	35.98 0.56 0.00	36.00 0.54 0.00	28.90 0.34 0.00	34.56 0.22 0.00	30.39 0.17 0.00	28.43 0.10 0.00
MG INDUSTRY___DRP 24185	21.24 0.61 0.00	19.54 0.62 0.00	19.80 0.61 0.00	17.48 0.55 0.00	21.52 0.63 0.00	24.57 0.65 0.00	25.16 0.69 0.00	25.84 0.67 0.00	37.18 0.98 0.00	37.05 0.99 0.00	36.18 0.98 0.00	35.67 0.91 0.00	33.48 0.64 0.00	34.27 0.56 0.00	37.17 0.52 0.00	36.04 0.50 0.00	39.33 0.57 0.00	39.44 0.64 0.00	36.10 0.69 0.00	36.16 0.70 0.00	29.02 0.46 0.00	34.74 0.40 0.00	30.55 0.33 0.00	28.60 0.27 0.00
MID___OSWEGATCHIE_HYD 23849	20.10 -0.53 0.00	18.26 -0.66 0.00	18.50 -0.69 0.00	16.30 -0.63 0.00	20.14 -0.75 0.00	23.84 -0.77 -0.69	26.46 -0.90 -2.88	28.55 -0.91 -4.29	37.92 -1.27 -2.99	40.39 -1.09 -5.42	39.08 -1.36 -5.24	32.25 -1.08 1.43	36.88 -0.84 -4.86	37.49 -1.15 -4.94	40.65 -1.31 -5.32	39.81 -0.92 -5.19	43.76 -0.49 -5.48	44.15 -0.11 -5.45	40.56 0.01 -5.13	37.40 -0.13 -2.07	28.59 0.04 0.00	37.81 0.09 -3.39	34.93 0.04 -4.67	32.93 0.10 -4.51

MID___RAQUETTE_HYD 23851	20.30 -0.33 0.00	18.49 -0.43 0.00	18.68 -0.50 0.00	16.48 -0.45 0.00	20.35 -0.54 0.00	24.36 -0.58 -1.01	27.79 -0.92 -4.23	30.45 -1.03 -6.31	38.99 -1.55 -4.34	42.52 -1.51 -7.97	41.33 -1.59 -7.71	31.00 -1.47 2.29	38.88 -1.12 -7.15	39.78 -1.18 -7.26	43.33 -1.13 -7.82	42.24 -0.94 -7.64	45.92 -0.91 -8.07	45.66 -1.16 -8.02	42.06 -0.91 -7.55	37.67 -0.83 -3.04	28.03 -0.53 0.00	38.82 -0.49 -4.98	36.62 -0.47 -6.87	34.64 -0.31 -6.63
MILLIKEN___1 23584	20.36 -0.27 0.00	18.60 -0.31 0.00	18.99 -0.19 0.00	16.71 -0.22 0.00	20.71 -0.18 0.00	23.87 -0.05 0.00	24.53 0.05 0.00	25.16 -0.01 0.00	36.10 -0.10 0.00	35.94 -0.12 0.00	35.12 -0.08 0.00	34.74 -0.02 0.00	32.78 -0.07 0.00	33.76 0.06 0.00	36.78 0.13 0.00	35.69 0.15 0.00	38.90 0.13 0.00	39.15 0.35 0.00	35.79 0.37 0.00	35.94 0.47 0.00	28.96 0.41 0.00	34.60 0.27 0.00	30.34 0.12 0.00	28.66 0.33 0.00
MILLIKEN___2 23585	20.36 -0.27 0.00	18.60 -0.31 0.00	18.99 -0.19 0.00	16.71 -0.22 0.00	20.71 -0.18 0.00	23.87 -0.05 0.00	24.53 0.05 0.00	25.16 -0.01 0.00	36.10 -0.10 0.00	35.94 -0.12 0.00	35.12 -0.08 0.00	34.74 -0.02 0.00	32.78 -0.07 0.00	33.76 0.06 0.00	36.78 0.13 0.00	35.69 0.15 0.00	38.90 0.13 0.00	39.15 0.35 0.00	35.79 0.37 0.00	35.94 0.47 0.00	28.96 0.41 0.00	34.60 0.27 0.00	30.34 0.12 0.00	28.66 0.33 0.00
MILLIKEN___DIESEL 23629	20.36 -0.27 0.00	18.60 -0.31 0.00	18.99 -0.19 0.00	16.71 -0.22 0.00	20.71 -0.18 0.00	23.87 -0.05 0.00	24.53 0.05 0.00	25.16 -0.01 0.00	36.10 -0.10 0.00	35.94 -0.12 0.00	35.12 -0.08 0.00	34.74 -0.02 0.00	32.78 -0.07 0.00	33.76 0.06 0.00	36.78 0.13 0.00	35.69 0.15 0.00	38.90 0.13 0.00	39.15 0.35 0.00	35.79 0.37 0.00	35.94 0.47 0.00	28.96 0.41 0.00	34.60 0.27 0.00	30.34 0.12 0.00	28.66 0.33 0.00
MILLSEAT___LFGE 323607	19.90 -0.73 0.00	18.07 -0.85 0.00	18.56 -0.62 0.00	16.37 -0.56 0.00	20.56 -0.33 0.00	23.92 -0.01 0.00	24.54 0.06 0.00	25.02 -0.14 0.00	35.77 -0.43 0.00	35.32 -0.74 0.00	34.51 -0.69 0.00	34.46 -0.30 0.00	33.00 0.15 0.00	34.14 0.43 0.00	37.18 0.53 0.00	36.20 0.66 0.00	39.26 0.50 0.00	39.50 0.70 0.00	36.38 0.97 0.00	36.54 1.08 0.00	29.40 0.84 0.00	34.83 0.50 0.00	30.67 0.45 0.00	29.02 0.70 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.50 0.87 0.00	19.81 0.89 0.00	20.04 0.86 0.00	17.71 0.78 0.00	21.77 0.87 0.00	24.77 0.85 0.00	25.54 1.06 0.00	26.53 1.36 0.00	38.32 2.12 0.00	38.33 2.27 0.00	37.48 2.28 0.00	36.96 2.21 0.00	35.02 2.17 0.00	35.72 2.02 0.00	38.56 1.92 0.00	37.25 1.72 0.00	40.62 1.86 0.00	40.84 2.03 0.00	37.38 1.96 0.00	37.48 2.01 0.00	29.99 1.43 0.00	35.73 1.40 0.00	31.40 1.17 0.00	29.36 1.03 0.00
MILLWOOD_13_KV_LOAD 356217	21.54 0.91 0.00	19.85 0.93 0.00	20.08 0.90 0.00	17.75 0.82 0.00	21.81 0.92 0.00	24.82 0.90 0.00	25.60 1.12 0.00	26.59 1.42 0.00	38.42 2.23 0.00	38.43 2.37 0.00	37.58 2.38 0.00	37.07 2.31 0.00	35.12 2.27 0.00	35.83 2.13 0.00	38.68 2.04 0.00	37.36 1.83 0.00	40.74 1.98 0.00	40.95 2.15 0.00	37.50 2.08 0.00	37.59 2.13 0.00	30.08 1.52 0.00	35.82 1.49 0.00	31.48 1.26 0.00	29.43 1.10 0.00
MODEL_CITY_ENERGY 24167	19.36 -1.27 0.00	17.56 -1.35 0.00	18.07 -1.12 0.00	15.96 -0.97 0.00	20.05 -0.84 0.00	23.33 -0.59 0.00	23.87 -0.61 0.00	24.26 -0.90 0.00	34.59 -1.61 0.00	34.11 -1.95 0.00	33.33 -1.88 0.00	33.33 -1.43 0.00	32.00 -0.85 0.00	33.05 -0.66 0.00	36.04 -0.61 0.00	35.15 -0.38 0.00	38.09 -0.67 0.00	38.30 -0.51 0.00	35.31 -0.11 0.00	35.46 0.00 0.00	28.54 -0.01 0.00	33.81 -0.52 0.00	29.84 -0.38 0.00	28.33 0.01 0.00
MODERN_LFGE___ 323580	19.36 -1.27 0.00	17.56 -1.35 0.00	18.07 -1.12 0.00	15.96 -0.97 0.00	20.05 -0.84 0.00	23.33 -0.59 0.00	23.87 -0.61 0.00	24.26 -0.90 0.00	34.59 -1.61 0.00	34.11 -1.95 0.00	33.33 -1.88 0.00	33.33 -1.43 0.00	32.00 -0.85 0.00	33.05 -0.66 0.00	36.04 -0.61 0.00	35.15 -0.38 0.00	38.09 -0.67 0.00	38.30 -0.51 0.00	35.31 -0.11 0.00	35.46 0.00 0.00	28.54 -0.01 0.00	33.81 -0.52 0.00	29.84 -0.38 0.00	28.33 0.01 0.00
MOHAWK_PAPER___DRP 24187	21.27 0.64 0.00	19.58 0.66 0.00	19.82 0.63 0.00	17.50 0.57 0.00	21.54 0.65 0.00	24.59 0.67 0.00	25.20 0.72 0.00	25.91 0.74 0.00	37.33 1.13 0.00	37.24 1.18 0.00	36.36 1.16 0.00	35.84 1.09 0.00	33.62 0.77 0.00	34.36 0.66 0.00	37.26 0.62 0.00	36.14 0.61 0.00	39.44 0.68 0.00	39.56 0.75 0.00	36.22 0.80 0.00	36.23 0.77 0.00	29.09 0.53 0.00	34.78 0.45 0.00	30.58 0.35 0.00	28.59 0.27 0.00
MOHICAN___35_KV_115KV_LD 80490	21.35 0.72 0.00	19.62 0.71 0.00	19.85 0.66 0.00	17.51 0.58 0.00	21.60 0.71 0.00	24.69 0.77 0.00	25.45 0.97 0.00	26.36 1.20 0.00	38.25 2.05 0.00	38.11 2.05 0.00	37.10 1.90 0.00	36.57 1.81 0.00	34.44 1.59 0.00	35.56 1.86 0.00	38.36 1.71 0.00	37.05 1.52 0.00	40.44 1.68 0.00	40.58 1.77 0.00	37.18 1.77 0.00	37.10 1.64 0.00	29.76 1.21 0.00	35.45 1.12 0.00	31.16 0.94 0.00	29.05 0.73 0.00
MONGAUP___HYD 23641	21.36 0.73 0.00	19.60 0.69 0.00	19.84 0.66 0.00	17.53 0.60 0.00	21.55 0.66 0.00	24.41 0.49 0.00	25.17 0.70 0.00	26.09 0.92 0.00	37.67 1.48 0.00	37.64 1.58 0.00	36.78 1.57 0.00	36.26 1.50 0.00	34.36 1.51 0.00	34.99 1.29 0.00	37.85 1.20 0.00	36.61 1.08 0.00	39.97 1.21 0.00	40.08 1.28 0.00	36.67 1.26 0.00	36.76 1.30 0.00	29.47 0.91 0.00	35.19 0.85 0.00	31.20 0.97 0.00	29.13 0.81 0.00
MONTAUK___DIESEL 23721	22.26 1.64 0.00	20.46 1.54 0.00	20.67 1.49 0.00	18.25 1.33 0.00	22.48 1.59 0.00	25.68 1.76 0.00	26.96 2.48 0.00	27.77 2.61 0.00	39.13 2.93 0.00	39.28 3.22 0.00	39.25 3.22 -0.83	38.35 3.40 -0.19	36.14 3.30 0.00	36.50 2.79 0.00	39.66 3.01 0.00	38.47 2.94 0.00	41.84 3.08 0.00	42.33 3.52 -0.01	39.68 3.58 -0.69	45.80 3.58 -6.76	35.46 2.52 -4.38	37.32 2.83 -0.16	32.43 2.20 0.00	30.15 1.83 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.23 -1.40 0.00	17.56 -1.35 0.00	18.02 -1.17 0.00	15.88 -1.05 0.00	19.95 -0.94 0.00	23.24 -0.68 0.00	23.90 -0.58 0.00	24.43 -0.73 0.00	35.47 -0.73 0.00	35.98 -0.08 0.00	35.68 0.47 0.00	35.76 1.01 0.00	33.96 1.11 0.00	35.20 1.50 0.00	38.44 1.80 0.00	36.98 1.44 0.00	39.74 0.98 0.00	40.22 1.42 0.00	36.73 1.31 0.00	37.09 1.63 0.00	29.98 1.43 0.00	36.11 1.78 0.00	31.76 1.54 0.00	29.84 1.52 0.00
MORTIMER_115KV_TB3 55949	19.88 -0.75 0.00	18.10 -0.82 0.00	18.51 -0.67 0.00	16.34 -0.58 0.00	20.42 -0.47 0.00	23.65 -0.27 0.00	24.30 -0.18 0.00	24.79 -0.37 0.00	35.53 -0.67 0.00	35.20 -0.86 0.00	34.37 -0.83 0.00	34.18 -0.58 0.00	32.58 -0.27 0.00	33.61 -0.10 0.00	36.59 -0.05 0.00	35.59 0.06 0.00	38.72 -0.05 0.00	38.91 0.11 0.00	35.75 0.33 0.00	35.86 0.40 0.00	28.86 0.30 0.00	34.31 -0.02 0.00	30.18 -0.04 0.00	28.45 0.12 0.00

MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.57 0.94 0.00	19.88 0.96 0.00	20.09 0.91 0.00	17.77 0.84 0.00	21.81 0.92 0.00	24.81 0.88 0.00	25.60 1.13 0.00	26.65 1.48 0.00	38.52 2.32 0.00	38.54 2.48 0.00	37.72 2.52 0.00	37.18 2.43 0.00	35.25 2.40 0.00	35.94 2.23 0.00	38.78 2.13 0.00	37.43 1.90 0.00	40.83 2.07 0.00	41.03 2.23 0.00	37.56 2.15 0.00	37.68 2.22 0.00	30.14 1.58 0.00	35.88 1.54 0.00	31.51 1.29 0.00	29.47 1.15 0.00
MUNSVILLE_WIND_PWR 323609	21.33 0.70 0.00	19.25 0.33 0.00	19.96 0.77 0.00	17.38 0.45 0.00	21.59 0.69 0.00	25.15 1.23 0.00	25.61 1.13 0.00	26.38 1.21 0.00	38.12 1.91 0.00	38.02 1.95 0.00	37.13 1.92 0.00	36.58 1.82 0.00	34.51 1.66 0.00	35.19 1.49 0.00	38.42 1.77 0.00	37.32 1.78 0.00	40.58 1.82 0.00	41.45 2.65 0.00	37.66 2.25 0.00	37.78 2.32 0.00	30.25 1.69 0.00	36.15 1.81 0.00	31.76 1.53 0.00	30.88 2.55 0.00
N SALMON___HYD 24042	20.94 0.31 0.00	18.89 -0.03 0.00	18.81 -0.37 0.00	16.55 -0.38 0.00	20.41 -0.47 0.00	27.85 -0.56 -4.48	42.48 -0.80 -18.80	52.31 -0.88 -28.03	63.69 -1.32 -28.81	70.16 -1.31 -35.41	68.15 -1.32 -34.26	51.00 -1.24 -17.48	63.67 -0.96 -31.78	64.98 -0.97 -32.24	70.51 -0.86 -34.73	68.75 -0.72 -33.93	73.82 -0.77 -35.83	73.40 -1.03 -35.61	68.13 -0.83 -33.55	48.32 -0.67 -13.52	28.30 -0.26 0.00	55.98 -0.48 -22.13	60.20 -0.53 -30.50	57.37 -0.42 -29.47
N.AKRON___115KV_KNAPP 355671	19.90 -0.73 0.00	18.07 -0.85 0.00	18.56 -0.62 0.00	16.38 -0.55 0.00	20.57 -0.32 0.00	23.93 0.00 0.00	24.57 0.09 0.00	25.02 -0.15 0.00	35.75 -0.45 0.00	35.31 -0.75 0.00	34.48 -0.72 0.00	34.46 -0.30 0.00	32.98 0.13 0.00	34.13 0.43 0.00	37.16 0.51 0.00	36.16 0.62 0.00	39.22 0.46 0.00	39.48 0.67 0.00	36.37 0.96 0.00	36.54 1.08 0.00	29.40 0.84 0.00	34.83 0.49 0.00	30.68 0.45 0.00	29.04 0.72 0.00
N.BELMOR_69_KV_BK1 55787	21.77 1.15 0.00	20.03 1.12 0.00	20.23 1.05 0.00	17.87 0.94 0.00	21.97 1.08 0.00	25.02 1.10 0.00	25.92 1.44 0.00	26.86 1.70 0.00	38.61 2.41 0.00	38.72 2.66 0.00	42.33 2.82 -4.30	38.48 2.72 -1.00	35.47 2.62 0.00	36.02 2.31 0.00	38.91 2.26 0.00	37.68 2.14 0.00	41.02 2.25 0.00	41.36 2.54 -0.01	38.82 2.45 -0.96	48.06 2.51 -10.08	53.15 1.83 -22.76	37.10 1.92 -0.84	31.79 1.56 0.00	29.70 1.37 0.00
N.E_GEN_SANDY PD 24062	21.31 0.68 0.00	19.64 0.72 0.00	19.87 0.69 0.00	17.56 0.63 0.00	21.60 0.70 0.00	24.58 0.66 0.00	25.23 0.76 0.00	26.06 0.95 0.06	38.37 1.56 -0.61	37.68 1.62 0.00	36.18 1.54 0.57	36.27 1.51 0.00	34.81 1.84 -0.12	37.14 1.66 -1.78	37.90 1.25 0.00	37.22 1.19 -0.50	43.01 1.29 -2.96	40.61 1.33 -0.47	44.09 1.40 -7.27	39.97 1.31 -3.20	29.46 0.91 0.00	35.30 0.82 -0.15	30.70 0.66 0.18	28.76 0.43 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.45 0.82 0.00	19.76 0.84 0.00	20.00 0.81 0.00	17.67 0.74 0.00	21.74 0.85 0.00	24.76 0.83 0.00	25.50 1.02 0.00	26.47 1.31 0.00	38.24 2.04 0.00	38.24 2.18 0.00	37.40 2.19 0.00	36.88 2.13 0.00	34.95 2.10 0.00	35.66 1.96 0.00	38.52 1.87 0.00	37.17 1.64 0.00	40.51 1.75 0.00	40.78 1.98 0.00	37.33 1.91 0.00	37.40 1.94 0.00	29.94 1.38 0.00	35.68 1.35 0.00	31.40 1.17 0.00	29.36 1.04 0.00
N.QUEENS_27_KV_LOAD 356247	21.70 1.08 0.00	19.98 1.06 0.00	20.17 0.99 0.00	17.85 0.92 0.00	21.86 0.96 0.00	24.90 0.97 0.00	25.70 1.23 0.00	26.77 1.60 0.00	38.62 2.42 0.00	38.68 2.62 0.00	37.84 2.63 0.00	37.33 2.58 0.00	35.37 2.52 0.00	36.05 2.35 0.00	38.84 2.19 0.00	37.51 1.97 0.00	40.94 2.18 0.00	41.14 2.33 0.00	37.65 2.24 0.00	37.83 2.37 0.00	30.25 1.70 0.00	35.95 1.62 0.00	31.63 1.41 0.00	29.72 1.39 0.00
N.TROY___115KV_TB1 355778	21.25 0.62 0.00	19.55 0.63 0.00	19.79 0.60 0.00	17.47 0.54 0.00	21.52 0.63 0.00	24.55 0.63 0.00	25.19 0.71 0.00	26.00 0.83 0.00	37.55 1.35 0.00	37.43 1.37 0.00	36.51 1.31 0.00	36.00 1.24 0.00	33.97 1.12 0.00	34.79 1.08 0.00	37.48 0.84 0.00	36.35 0.82 0.00	39.68 0.91 0.00	39.73 0.93 0.00	36.41 0.99 0.00	36.37 0.91 0.00	29.20 0.64 0.00	34.91 0.58 0.00	30.69 0.47 0.00	28.65 0.33 0.00
NARROWS_GT1_1 24228	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.27 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.77 2.71 0.00	37.96 2.76 0.00	37.48 2.72 0.00	35.50 2.65 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.05 2.28 0.00	41.24 2.44 0.00	37.80 2.39 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.74 1.51 0.00	29.70 1.37 0.00
NARROWS_GT1_2 24229	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.27 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.77 2.71 0.00	37.96 2.76 0.00	37.48 2.72 0.00	35.50 2.65 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.05 2.28 0.00	41.24 2.44 0.00	37.80 2.39 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.74 1.51 0.00	29.70 1.37 0.00
NARROWS_GT1_3 24230	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.27 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.77 2.71 0.00	37.96 2.76 0.00	37.48 2.72 0.00	35.50 2.65 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.05 2.28 0.00	41.24 2.44 0.00	37.80 2.39 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.74 1.51 0.00	29.70 1.37 0.00
NARROWS_GT1_4 24231	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.27 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.77 2.71 0.00	37.96 2.76 0.00	37.48 2.72 0.00	35.50 2.65 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.05 2.28 0.00	41.24 2.44 0.00	37.80 2.39 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.74 1.51 0.00	29.70 1.37 0.00
NARROWS_GT1_5 24232	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.27 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.77 2.71 0.00	37.96 2.76 0.00	37.48 2.72 0.00	35.50 2.65 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.05 2.28 0.00	41.24 2.44 0.00	37.80 2.39 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.74 1.51 0.00	29.70 1.37 0.00
NARROWS_GT1_6 24233	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.27 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.77 2.71 0.00	37.96 2.76 0.00	37.48 2.72 0.00	35.50 2.65 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.05 2.28 0.00	41.24 2.44 0.00	37.80 2.39 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.74 1.51 0.00	29.70 1.37 0.00

NARROWS_GT1_7 24234	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.27 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.77 2.71 0.00	37.96 2.76 0.00	37.48 2.72 0.00	35.50 2.65 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.05 2.28 0.00	41.24 2.44 0.00	37.80 2.39 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.74 1.51 0.00	29.70 1.37 0.00
NARROWS_GT1_8 24235	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.27 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.77 2.71 0.00	37.96 2.76 0.00	37.48 2.72 0.00	35.50 2.65 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.05 2.28 0.00	41.24 2.44 0.00	37.80 2.39 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.74 1.51 0.00	29.70 1.37 0.00
NARROWS_GT2_1 24236	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.27 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.77 2.71 0.00	37.96 2.76 0.00	37.48 2.72 0.00	35.50 2.65 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.05 2.28 0.00	41.24 2.44 0.00	37.80 2.39 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.74 1.51 0.00	29.70 1.37 0.00
NARROWS_GT2_2 24237	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.27 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.77 2.71 0.00	37.96 2.76 0.00	37.48 2.72 0.00	35.50 2.65 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.05 2.28 0.00	41.24 2.44 0.00	37.80 2.39 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.74 1.51 0.00	29.70 1.37 0.00
NARROWS_GT2_3 24238	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.27 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.77 2.71 0.00	37.96 2.76 0.00	37.48 2.72 0.00	35.50 2.65 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.05 2.28 0.00	41.24 2.44 0.00	37.80 2.39 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.74 1.51 0.00	29.70 1.37 0.00
NARROWS_GT2_4 24239	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.27 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.77 2.71 0.00	37.96 2.76 0.00	37.48 2.72 0.00	35.50 2.65 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.05 2.28 0.00	41.24 2.44 0.00	37.80 2.39 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.74 1.51 0.00	29.70 1.37 0.00
NARROWS_GT2_5 24240	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.27 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.77 2.71 0.00	37.96 2.76 0.00	37.48 2.72 0.00	35.50 2.65 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.05 2.28 0.00	41.24 2.44 0.00	37.80 2.39 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.74 1.51 0.00	29.70 1.37 0.00
NARROWS_GT2_6 24241	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.27 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.77 2.71 0.00	37.96 2.76 0.00	37.48 2.72 0.00	35.50 2.65 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.05 2.28 0.00	41.24 2.44 0.00	37.80 2.39 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.74 1.51 0.00	29.70 1.37 0.00
NARROWS_GT2_7 24242	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.27 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.77 2.71 0.00	37.96 2.76 0.00	37.48 2.72 0.00	35.50 2.65 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.05 2.28 0.00	41.24 2.44 0.00	37.80 2.39 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.74 1.51 0.00	29.70 1.37 0.00
NARROWS_GT2_8 24243	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.27 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.77 2.71 0.00	37.96 2.76 0.00	37.48 2.72 0.00	35.50 2.65 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.05 2.28 0.00	41.24 2.44 0.00	37.80 2.39 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.74 1.51 0.00	29.70 1.37 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.65 1.02 0.00	19.90 0.99 0.00	20.15 0.97 0.00	17.80 0.87 0.00	21.92 1.03 0.00	25.08 1.15 0.00	25.71 1.24 0.00	26.38 1.21 0.00	38.00 1.80 0.00	37.90 1.84 0.00	37.00 1.80 0.00	36.49 1.73 0.00	34.21 1.36 0.00	34.99 1.29 0.00	37.93 1.29 0.00	36.83 1.30 0.00	40.27 1.51 0.00	40.40 1.60 0.00	36.98 1.57 0.00	37.04 1.58 0.00	29.68 1.13 0.00	35.44 1.11 0.00	31.08 0.86 0.00	29.00 0.68 0.00
NCHELSEA_115KV_TR2 355582	21.75 1.12 0.00	20.01 1.10 0.00	20.27 1.08 0.00	17.90 0.97 0.00	22.03 1.14 0.00	25.12 1.20 0.00	25.91 1.43 0.00	26.89 1.72 0.00	38.87 2.67 0.00	38.86 2.80 0.00	38.00 2.80 0.00	37.48 2.72 0.00	35.49 2.64 0.00	36.21 2.50 0.00	39.12 2.48 0.00	37.82 2.29 0.00	41.25 2.48 0.00	41.49 2.68 0.00	37.99 2.58 0.00	38.08 2.62 0.00	30.48 1.92 0.00	36.31 1.98 0.00	31.90 1.68 0.00	29.79 1.47 0.00
NEG CAPITAL___MECHNVIL 23645	21.39 0.76 0.00	19.66 0.75 0.00	19.90 0.72 0.00	17.57 0.64 0.00	21.66 0.77 0.00	24.76 0.84 0.00	25.47 0.99 0.00	26.32 1.15 0.00	38.02 1.82 0.00	37.90 1.84 0.00	36.98 1.77 0.00	36.49 1.73 0.00	34.43 1.58 0.00	35.34 1.64 0.00	38.09 1.45 0.00	36.90 1.36 0.00	40.30 1.54 0.00	40.38 1.58 0.00	37.01 1.60 0.00	36.97 1.51 0.00	29.67 1.12 0.00	35.44 1.11 0.00	31.14 0.91 0.00	29.06 0.74 0.00
NEG CENTRAL_HIGH_ACRES 23767	19.53 -1.10 0.00	17.81 -1.11 0.00	18.20 -0.99 0.00	16.07 -0.86 0.00	20.03 -0.86 0.00	23.16 -0.76 0.00	23.80 -0.68 0.00	24.34 -0.83 0.00	34.89 -1.31 0.00	34.61 -1.45 0.00	33.82 -1.38 0.00	33.57 -1.19 0.00	31.96 -0.89 0.00	32.89 -0.81 0.00	35.83 -0.81 0.00	34.85 -0.68 0.00	37.93 -0.83 0.00	38.12 -0.68 0.00	34.97 -0.44 0.00	35.08 -0.38 0.00	28.21 -0.35 0.00	33.58 -0.75 0.00	29.51 -0.71 0.00	27.79 -0.53 0.00
NEG CENTRAL___DRP 24199	20.15 -0.48 0.00	18.44 -0.48 0.00	18.82 -0.36 0.00	16.58 -0.35 0.00	20.56 -0.33 0.00	23.75 -0.17 0.00	24.47 0.00 0.00	25.10 -0.07 0.00	36.00 -0.20 0.00	35.76 -0.30 0.00	34.98 -0.23 0.00	34.62 -0.14 0.00	32.74 -0.11 0.00	33.65 -0.06 0.00	36.87 0.23 0.00	35.66 0.13 0.00	38.81 0.04 0.00	39.10 0.29 0.00	35.79 0.38 0.00	35.99 0.52 0.00	28.99 0.44 0.00	34.58 0.25 0.00	30.42 0.20 0.00	28.65 0.33 0.00

NEG CENTRAL___INDECK 23768	20.26 -0.37 0.00	18.51 -0.41 0.00	18.95 -0.24 0.00	16.69 -0.24 0.00	20.79 -0.10 0.00	24.10 0.18 0.00	24.88 0.40 0.00	25.54 0.38 0.00	36.78 0.58 0.00	36.43 0.37 0.00	35.74 0.53 0.00	35.05 0.29 0.00	33.42 0.57 0.00	34.50 0.80 0.00	38.25 1.61 0.00	36.43 0.90 0.00	39.93 1.17 0.00	40.35 1.54 0.00	37.09 1.68 0.00	37.44 1.98 0.00	30.30 1.74 0.00	36.14 1.80 0.00	31.85 1.63 0.00	29.90 1.57 0.00
NEG CENTRAL___SENECA 23627	20.16 -0.47 0.00	18.44 -0.47 0.00	18.85 -0.34 0.00	16.60 -0.33 0.00	20.61 -0.28 0.00	23.85 -0.07 0.00	24.60 0.13 0.00	25.23 0.06 0.00	36.16 -0.04 0.00	35.90 -0.15 0.00	35.13 -0.08 0.00	34.80 0.04 0.00	32.94 0.10 0.00	33.79 0.09 0.00	37.18 0.53 0.00	35.90 0.37 0.00	39.06 0.29 0.00	39.37 0.56 0.00	36.08 0.67 0.00	36.32 0.85 0.00	29.27 0.71 0.00	34.87 0.54 0.00	30.73 0.51 0.00	28.92 0.59 0.00
NEG CENTRAL___STATE_STREET 24147	20.27 -0.36 0.00	18.53 -0.38 0.00	18.96 -0.23 0.00	16.66 -0.28 0.00	20.62 -0.27 0.00	23.81 -0.11 0.00	24.50 0.02 0.00	25.14 -0.03 0.00	36.02 -0.18 0.00	35.83 -0.23 0.00	35.06 -0.15 0.00	34.64 -0.12 0.00	32.68 -0.17 0.00	33.71 0.00 0.00	36.73 0.08 0.00	35.58 0.04 0.00	38.68 -0.08 0.00	39.06 0.25 0.00	35.60 0.19 0.00	35.80 0.34 0.00	28.87 0.32 0.00	34.50 0.17 0.00	30.19 -0.04 0.00	28.54 0.22 0.00
NEG MILLWOOD___DRP 24198	21.75 1.12 0.00	20.03 1.12 0.00	20.28 1.09 0.00	17.91 0.98 0.00	22.03 1.14 0.00	25.12 1.20 0.00	25.91 1.44 0.00	26.93 1.76 0.00	38.93 2.72 0.00	38.91 2.85 0.00	38.07 2.86 0.00	37.56 2.80 0.00	35.58 2.73 0.00	36.28 2.58 0.00	39.20 2.55 0.00	37.88 2.35 0.00	41.29 2.53 0.00	41.55 2.74 0.00	38.04 2.63 0.00	38.13 2.67 0.00	30.51 1.96 0.00	36.34 2.01 0.00	31.91 1.69 0.00	29.79 1.47 0.00
NEG NORTH_FLCN_SEA 23793	21.32 0.69 0.00	18.96 0.04 0.00	18.59 -0.60 0.00	16.30 -0.63 0.00	20.07 -0.82 0.00	15.66 -1.14 7.11	-6.65 -1.31 29.82	-20.69 -1.38 44.48	-20.52 -2.03 54.70	-21.79 -1.69 56.16	-20.70 -1.55 54.35	-20.66 -1.47 53.95	-20.50 -1.43 51.92	-20.37 -1.43 52.65	-21.02 -1.13 56.53	-20.67 -0.98 55.23	-20.63 -1.07 58.32	-20.52 -1.36 57.97	-20.50 -1.31 54.61	11.98 -1.47 22.01	27.89 -0.67 0.00	-2.84 -1.15 36.03	-20.43 -1.00 49.65	-20.56 -0.92 47.97
NEG NORTH_KES_CHATEGAY 23792	20.95 0.32 0.00	18.83 -0.09 0.00	18.66 -0.52 0.00	16.41 -0.52 0.00	20.23 -0.66 0.00	15.62 -0.81 7.50	-7.99 -1.04 31.43	-22.84 -1.14 46.87	-22.91 -1.71 57.40	-24.84 -1.71 59.19	-23.79 -1.72 57.28	-23.04 -1.67 56.13	-23.20 -1.41 54.64	-23.12 -1.42 55.41	-24.22 -1.37 59.50	-23.80 -1.21 58.13	-23.93 -1.31 61.39	-23.79 -1.57 61.02	-23.46 -1.40 57.48	11.07 -1.23 23.17	27.89 -0.66 0.00	-4.60 -1.01 37.92	-22.99 -0.96 52.26	-23.02 -0.86 50.49
NEG NORTH___ALICE_FALLS 23915	21.30 0.67 0.00	18.99 0.08 0.00	18.67 -0.52 0.00	16.38 -0.55 0.00	20.17 -0.72 0.00	15.78 -0.97 7.17	-6.70 -1.11 30.07	-20.86 -1.17 44.86	-20.65 -1.72 55.13	-22.04 -1.46 56.64	-21.01 -1.40 54.81	-20.86 -1.32 54.29	-20.72 -1.22 52.36	-20.60 -1.22 53.09	-21.32 -0.97 57.00	-20.97 -0.81 55.69	-20.91 -0.86 58.81	-20.80 -1.15 58.45	-20.72 -1.07 55.07	12.11 -1.16 22.20	28.11 -0.45 0.00	-2.89 -0.90 36.33	-20.67 -0.83 50.07	-20.80 -0.76 48.37
NEG NORTH___LWR_SARANAC 23913	21.30 0.67 0.00	18.99 0.08 0.00	18.67 -0.52 0.00	16.38 -0.55 0.00	20.17 -0.72 0.00	15.78 -0.97 7.17	-6.70 -1.11 30.07	-20.86 -1.17 44.86	-20.65 -1.72 55.13	-22.04 -1.46 56.64	-21.01 -1.40 54.81	-20.86 -1.32 54.29	-20.72 -1.22 52.36	-20.60 -1.22 53.09	-21.32 -0.97 57.00	-20.97 -0.81 55.69	-20.91 -0.86 58.81	-20.80 -1.15 58.45	-20.72 -1.07 55.07	12.11 -1.16 22.20	28.11 -0.45 0.00	-2.89 -0.90 36.33	-20.67 -0.83 50.07	-20.80 -0.76 48.37
NEG NORTH___PLATTSBURG 23628	21.30 0.67 0.00	19.00 0.08 0.00	18.67 -0.52 0.00	16.38 -0.55 0.00	20.17 -0.72 0.00	15.78 -0.97 7.17	-6.71 -1.11 30.07	-20.88 -1.19 44.86	-20.66 -1.74 55.13	-22.09 -1.50 56.64	-21.05 -1.45 54.81	-20.90 -1.36 54.29	-20.76 -1.26 52.36	-20.62 -1.24 53.09	-21.37 -1.01 57.00	-21.02 -0.86 55.69	-20.97 -0.92 58.81	-20.84 -1.19 58.45	-20.75 -1.10 55.07	12.11 -1.15 22.20	28.11 -0.45 0.00	-2.92 -0.93 36.33	-20.69 -0.85 50.07	-20.81 -0.77 48.37
NEG WEST_LEA_LOCKPORT 23791	19.52 -1.11 0.00	17.71 -1.20 0.00	18.22 -0.97 0.00	16.08 -0.85 0.00	20.21 -0.68 0.00	23.52 -0.41 0.00	24.10 -0.37 0.00	24.47 -0.69 0.00	34.92 -1.28 0.00	34.44 -1.61 0.00	33.65 -1.56 0.00	33.69 -1.07 0.00	32.30 -0.55 0.00	33.42 -0.29 0.00	36.42 -0.23 0.00	35.47 -0.06 0.00	38.44 -0.32 0.00	38.69 -0.12 0.00	35.67 0.25 0.00	35.84 0.38 0.00	28.85 0.29 0.00	34.18 -0.15 0.00	30.15 -0.07 0.00	28.59 0.27 0.00
NEG WEST___LANCASTR 23811	20.16 -0.47 0.00	18.36 -0.56 0.00	18.82 -0.36 0.00	16.57 -0.36 0.00	20.79 -0.10 0.00	24.14 0.22 0.00	24.88 0.40 0.00	25.27 0.11 0.00	36.23 0.03 0.00	35.78 -0.28 0.00	34.94 -0.26 0.00	34.90 0.14 0.00	33.33 0.48 0.00	34.39 0.68 0.00	37.59 0.94 0.00	36.43 0.90 0.00	39.53 0.76 0.00	39.84 1.04 0.00	36.62 1.21 0.00	36.83 1.37 0.00	29.64 1.09 0.00	35.29 0.96 0.00	31.14 0.91 0.00	29.38 1.06 0.00
NEG_PENN_ALLEGHNY 23528	20.62 -0.01 0.00	18.91 -0.01 0.00	19.29 0.11 0.00	16.98 0.05 0.00	21.00 0.11 0.00	24.21 0.28 0.00	24.93 0.45 0.00	25.66 0.50 0.00	37.05 0.85 0.00	36.78 0.73 0.00	35.97 0.76 0.00	35.56 0.80 0.00	33.60 0.75 0.00	34.42 0.72 0.00	37.70 1.05 0.00	36.32 0.79 0.00	39.52 0.76 0.00	39.88 1.08 0.00	36.44 1.03 0.00	36.65 1.19 0.00	29.46 0.90 0.00	35.26 0.93 0.00	31.08 0.86 0.00	29.19 0.87 0.00
NEG___GEN_MONROE 24207	20.01 -0.62 0.00	18.21 -0.71 0.00	18.64 -0.55 0.00	16.45 -0.48 0.00	20.58 -0.31 0.00	23.86 -0.06 0.00	24.61 0.13 0.00	25.07 -0.10 0.00	35.94 -0.27 0.00	35.50 -0.56 0.00	34.65 -0.56 0.00	34.47 -0.29 0.00	32.85 0.00 0.00	33.95 0.25 0.00	36.95 0.30 0.00	35.94 0.41 0.00	39.08 0.31 0.00	39.29 0.48 0.00	36.12 0.71 0.00	36.30 0.84 0.00	29.25 0.69 0.00	34.73 0.39 0.00	30.52 0.29 0.00	28.82 0.49 0.00
NEPA___ENERGY 23901	19.78 -0.85 0.00	18.05 -0.86 0.00	18.54 -0.64 0.00	16.30 -0.63 0.00	20.40 -0.49 0.00	23.73 -0.19 0.00	24.43 -0.04 0.00	24.92 -0.25 0.00	35.85 -0.34 0.00	35.60 -0.46 0.00	34.86 -0.34 0.00	34.80 0.04 0.00	33.06 0.21 0.00	34.11 0.41 0.00	37.24 0.60 0.00	35.97 0.44 0.00	38.87 0.10 0.00	39.38 0.58 0.00	36.04 0.63 0.00	36.33 0.86 0.00	29.24 0.68 0.00	34.97 0.64 0.00	30.84 0.62 0.00	29.04 0.72 0.00
NEVERSINK___HYD 23608	21.55 0.93 0.00	20.00 1.09 0.00	20.27 1.09 0.00	17.92 0.99 0.00	22.08 1.19 0.00	25.22 1.30 0.00	26.02 1.54 0.00	27.02 1.85 0.00	39.09 2.89 0.00	39.10 3.04 0.00	38.38 3.17 0.00	37.86 3.11 0.00	35.81 2.97 0.00	36.43 2.73 0.00	39.33 2.68 0.00	38.07 2.54 0.00	41.53 2.76 0.00	41.79 2.98 0.00	38.27 2.85 0.00	38.31 2.85 0.00	30.65 2.10 0.00	36.53 2.20 0.00	32.13 1.91 0.00	30.05 1.73 0.00

NEWKRMKL_115KV_TB1 55635	21.23 0.60 0.00	19.55 0.63 0.00	19.79 0.60 0.00	17.49 0.56 0.00	21.49 0.60 0.00	24.53 0.61 0.00	25.11 0.63 0.00	25.70 0.53 0.00	36.96 0.76 0.00	36.88 0.82 0.00	36.03 0.83 0.00	35.52 0.76 0.00	33.31 0.46 0.00	34.04 0.34 0.00	36.93 0.29 0.00	35.82 0.29 0.00	39.10 0.33 0.00	39.20 0.40 0.00	35.88 0.47 0.00	35.91 0.45 0.00	28.81 0.26 0.00	34.45 0.12 0.00	30.29 0.06 0.00	28.33 0.00 0.00
NEWTON___FALLS_HYD 23847	20.10 -0.53 0.00	18.26 -0.66 0.00	18.50 -0.69 0.00	16.30 -0.63 0.00	20.14 -0.75 0.00	23.84 -0.77 -0.69	26.46 -0.90 -2.88	28.55 -0.91 -4.29	37.92 -1.27 -2.99	40.39 -1.09 -5.42	39.08 -1.36 -5.24	32.25 -1.08 1.43	36.88 -0.84 -4.86	37.49 -1.15 -4.94	40.65 -1.31 -5.32	39.81 -0.92 -5.19	43.76 -0.49 -5.48	44.15 -0.11 -5.45	40.56 0.01 -5.13	37.40 -0.13 -2.07	28.59 0.04 0.00	37.81 0.09 -3.39	34.93 0.04 -4.67	32.93 0.10 -4.51
NGRID_A1_DSASP 323792	19.20 -1.43 0.00	17.41 -1.50 0.00	17.91 -1.27 0.00	15.82 -1.11 0.00	19.90 -0.99 0.00	23.14 -0.78 0.00	23.67 -0.81 0.00	24.03 -1.13 0.00	34.10 -2.10 0.00	33.55 -2.52 0.00	32.77 -2.43 0.00	32.78 -1.98 0.00	31.48 -1.37 0.00	32.49 -1.21 0.00	35.45 -1.20 0.00	34.60 -0.94 0.00	37.50 -1.26 0.00	37.68 -1.12 0.00	34.74 -0.68 0.00	34.87 -0.59 0.00	28.08 -0.47 0.00	33.25 -1.09 0.00	29.36 -0.86 0.00	27.84 -0.49 0.00
NGRID_A2_DSASP 323793	19.20 -1.43 0.00	17.41 -1.50 0.00	17.91 -1.27 0.00	15.82 -1.11 0.00	19.90 -0.99 0.00	23.14 -0.78 0.00	23.67 -0.81 0.00	24.03 -1.13 0.00	34.10 -2.10 0.00	33.55 -2.52 0.00	32.77 -2.43 0.00	32.78 -1.98 0.00	31.48 -1.37 0.00	32.49 -1.21 0.00	35.45 -1.20 0.00	34.60 -0.94 0.00	37.50 -1.26 0.00	37.68 -1.12 0.00	34.74 -0.68 0.00	34.87 -0.59 0.00	28.08 -0.47 0.00	33.25 -1.09 0.00	29.36 -0.86 0.00	27.84 -0.49 0.00
NGRID_A4_DSASP 323807	19.20 -1.43 0.00	17.41 -1.50 0.00	17.91 -1.27 0.00	15.82 -1.11 0.00	19.90 -0.99 0.00	23.14 -0.78 0.00	23.67 -0.81 0.00	24.03 -1.13 0.00	34.10 -2.10 0.00	33.55 -2.52 0.00	32.77 -2.43 0.00	32.78 -1.98 0.00	31.48 -1.37 0.00	32.49 -1.21 0.00	35.45 -1.20 0.00	34.60 -0.94 0.00	37.50 -1.26 0.00	37.68 -1.12 0.00	34.74 -0.68 0.00	34.87 -0.59 0.00	28.08 -0.47 0.00	33.25 -1.09 0.00	29.36 -0.86 0.00	27.84 -0.49 0.00
NIAGARA_115E_LBMP 323715	19.25 -1.38 0.00	17.46 -1.46 0.00	17.96 -1.22 0.00	15.87 -1.06 0.00	19.95 -0.94 0.00	23.20 -0.72 0.00	23.73 -0.75 0.00	24.11 -1.06 0.00	34.36 -1.84 0.00	33.85 -2.20 0.00	33.08 -2.12 0.00	33.09 -1.67 0.00	31.77 -1.08 0.00	32.81 -0.90 0.00	35.78 -0.87 0.00	34.93 -0.60 0.00	37.82 -0.94 0.00	38.04 -0.76 0.00	35.06 -0.35 0.00	35.21 -0.25 0.00	28.34 -0.21 0.00	33.57 -0.76 0.00	29.63 -0.59 0.00	28.18 -0.14 0.00
NIAGARA_115W_LBMP 323714	19.16 -1.47 0.00	17.38 -1.53 0.00	17.88 -1.30 0.00	15.79 -1.14 0.00	19.86 -1.03 0.00	23.09 -0.83 0.00	23.62 -0.86 0.00	23.98 -1.18 0.00	34.01 -2.19 0.00	33.46 -2.60 0.00	32.69 -2.52 0.00	32.69 -2.07 0.00	31.40 -1.45 0.00	32.39 -1.31 0.00	35.34 -1.31 0.00	34.50 -1.03 0.00	37.40 -1.36 0.00	37.57 -1.23 0.00	34.64 -0.78 0.00	34.78 -0.68 0.00	28.00 -0.55 0.00	33.14 -1.19 0.00	29.28 -0.94 0.00	27.76 -0.56 0.00
NIAGARA_230_LBMP 323716	19.30 -1.33 0.00	17.52 -1.40 0.00	18.01 -1.17 0.00	15.91 -1.02 0.00	20.00 -0.89 0.00	23.25 -0.67 0.00	23.80 -0.68 0.00	24.18 -0.99 0.00	34.47 -1.74 0.00	33.97 -2.08 0.00	33.18 -2.02 0.00	33.17 -1.59 0.00	31.80 -1.05 0.00	32.81 -0.89 0.00	35.81 -0.83 0.00	34.94 -0.59 0.00	37.89 -0.87 0.00	38.09 -0.72 0.00	35.08 -0.33 0.00	35.23 -0.24 0.00	28.35 -0.20 0.00	33.64 -0.69 0.00	29.68 -0.55 0.00	28.10 -0.22 0.00
NIAGARA___115KV_198_GIBSON 55903	19.16 -1.47 0.00	17.39 -1.53 0.00	17.88 -1.30 0.00	15.79 -1.14 0.00	19.86 -1.03 0.00	23.09 -0.83 0.00	23.64 -0.83 0.00	23.97 -1.20 0.00	34.00 -2.20 0.00	33.44 -2.62 0.00	32.66 -2.54 0.00	32.69 -2.07 0.00	31.36 -1.48 0.00	32.39 -1.31 0.00	35.31 -1.33 0.00	34.46 -1.08 0.00	37.36 -1.41 0.00	37.54 -1.27 0.00	34.64 -0.78 0.00	34.78 -0.68 0.00	28.00 -0.55 0.00	33.13 -1.20 0.00	29.29 -0.93 0.00	27.77 -0.56 0.00
NIAGARA____ 23760	19.30 -1.33 0.00	17.52 -1.40 0.00	18.01 -1.17 0.00	15.91 -1.02 0.00	20.00 -0.89 0.00	23.25 -0.67 0.00	23.80 -0.68 0.00	24.18 -0.99 0.00	34.47 -1.74 0.00	33.97 -2.08 0.00	33.18 -2.02 0.00	33.17 -1.59 0.00	31.80 -1.05 0.00	32.81 -0.89 0.00	35.81 -0.83 0.00	34.94 -0.59 0.00	37.89 -0.87 0.00	38.09 -0.72 0.00	35.08 -0.33 0.00	35.23 -0.24 0.00	28.35 -0.20 0.00	33.64 -0.69 0.00	29.68 -0.55 0.00	28.10 -0.22 0.00
NINE_MILE_1 23575	19.84 -0.79 0.00	18.16 -0.76 0.00	18.46 -0.73 0.00	16.29 -0.64 0.00	20.14 -0.75 0.00	23.11 -0.81 0.00	23.69 -0.79 0.00	24.30 -0.87 0.00	34.91 -1.30 0.00	34.73 -1.33 0.00	33.92 -1.28 0.00	33.55 -1.21 0.00	31.75 -1.10 0.00	32.59 -1.11 0.00	35.41 -1.23 0.00	34.37 -1.16 0.00	37.51 -1.26 0.00	37.64 -1.16 0.00	34.41 -1.00 0.00	34.47 -0.99 0.00	27.75 -0.80 0.00	33.23 -1.10 0.00	29.23 -0.99 0.00	27.50 -0.82 0.00
NINE_MILE_2 23744	19.84 -0.79 0.00	18.16 -0.75 0.00	18.46 -0.72 0.00	16.29 -0.64 0.00	20.14 -0.75 0.00	23.12 -0.80 0.00	23.69 -0.79 0.00	24.30 -0.87 0.00	34.91 -1.30 0.00	34.74 -1.32 0.00	33.94 -1.27 0.00	33.55 -1.21 0.00	31.75 -1.10 0.00	32.59 -1.11 0.00	35.41 -1.23 0.00	34.38 -1.16 0.00	37.51 -1.26 0.00	37.64 -1.16 0.00	34.41 -1.00 0.00	34.47 -0.99 0.00	27.75 -0.80 0.00	33.23 -1.10 0.00	29.24 -0.99 0.00	27.50 -0.82 0.00
NM_CAPITAL___DRP 24208	21.21 0.58 0.00	19.53 0.62 0.00	19.77 0.58 0.00	17.47 0.54 0.00	21.48 0.59 0.00	24.51 0.59 0.00	25.09 0.61 0.00	25.74 0.57 0.00	37.04 0.84 0.00	36.95 0.89 0.00	36.09 0.88 0.00	35.56 0.80 0.00	33.33 0.48 0.00	34.06 0.36 0.00	36.95 0.30 0.00	35.85 0.31 0.00	39.11 0.34 0.00	39.21 0.40 0.00	35.90 0.49 0.00	35.93 0.46 0.00	28.83 0.28 0.00	34.47 0.15 0.00	30.32 0.10 0.00	28.36 0.04 0.00
NM_CENTRAL___DRP 24181	20.11 -0.52 0.00	18.40 -0.52 0.00	18.71 -0.47 0.00	16.52 -0.41 0.00	20.44 -0.45 0.00	23.50 -0.42 0.00	24.14 -0.34 0.00	24.75 -0.41 0.00	35.58 -0.62 0.00	35.41 -0.65 0.00	34.60 -0.61 0.00	34.24 -0.52 0.00	32.42 -0.43 0.00	33.25 -0.45 0.00	36.11 -0.54 0.00	35.07 -0.46 0.00	38.27 -0.50 0.00	38.45 -0.36 0.00	35.17 -0.24 0.00	35.24 -0.22 0.00	28.37 -0.19 0.00	33.92 -0.42 0.00	29.82 -0.41 0.00	28.05 -0.27 0.00
NM_FRONTIER___DRP 24179	19.16 -1.47 0.00	17.39 -1.53 0.00	17.88 -1.30 0.00	15.79 -1.14 0.00	19.86 -1.03 0.00	23.09 -0.83 0.00	23.64 -0.83 0.00	23.97 -1.20 0.00	34.00 -2.20 0.00	33.44 -2.62 0.00	32.66 -2.54 0.00	32.69 -2.07 0.00	31.36 -1.48 0.00	32.39 -1.31 0.00	35.31 -1.33 0.00	34.46 -1.08 0.00	37.36 -1.41 0.00	37.54 -1.27 0.00	34.64 -0.78 0.00	34.78 -0.68 0.00	28.00 -0.55 0.00	33.13 -1.20 0.00	29.29 -0.93 0.00	27.77 -0.56 0.00

NM_ST_REGIS___HYD 24053	20.49 -0.14 0.00	18.61 -0.31 0.00	18.72 -0.46 0.00	16.50 -0.43 0.00	20.38 -0.52 0.00	25.09 -0.56 -1.73	30.83 -0.88 -7.23	34.96 -0.99 -10.78	44.10 -1.47 -9.37	48.24 -1.44 -13.62	46.88 -1.50 -13.18	35.14 -1.40 -1.78	44.01 -1.06 -12.22	44.99 -1.11 -12.40	48.97 -1.04 -13.36	47.73 -0.85 -13.05	51.70 -0.84 -13.78	51.39 -1.11 -13.70	47.45 -0.87 -12.90	39.89 -0.77 -5.20	28.11 -0.45 0.00	42.37 -0.47 -8.51	41.49 -0.47 -11.73	39.33 -0.33 -11.33
NORTHPORT___1 23551	21.76 1.14 0.00	20.03 1.11 0.00	20.22 1.04 0.00	17.86 0.93 0.00	21.95 1.06 0.00	24.98 1.06 0.00	25.93 1.45 0.00	26.82 1.65 0.00	38.36 2.16 0.00	38.50 2.44 0.00	38.53 2.62 -0.71	37.46 2.54 -0.16	35.28 2.44 0.00	35.76 2.05 0.00	38.65 2.00 0.00	37.44 1.90 0.00	40.73 1.97 0.00	41.09 2.28 -0.01	38.29 2.20 -0.68	44.42 2.31 -6.64	34.02 1.71 -3.76	36.21 1.74 -0.14	31.65 1.43 0.00	29.58 1.26 0.00
NORTHPORT___2 23552	21.76 1.14 0.00	20.03 1.11 0.00	20.22 1.04 0.00	17.86 0.93 0.00	21.95 1.06 0.00	24.98 1.06 0.00	25.93 1.45 0.00	26.82 1.65 0.00	38.36 2.16 0.00	38.50 2.44 0.00	38.53 2.62 -0.71	37.46 2.54 -0.16	35.28 2.44 0.00	35.76 2.05 0.00	38.65 2.00 0.00	37.44 1.90 0.00	40.73 1.97 0.00	41.09 2.28 -0.01	38.29 2.20 -0.68	44.42 2.31 -6.64	34.02 1.71 -3.76	36.21 1.74 -0.14	31.65 1.43 0.00	29.58 1.26 0.00
NORTHPORT___3 23553	21.66 1.03 0.00	19.94 1.02 0.00	20.14 0.95 0.00	17.79 0.85 0.00	21.83 0.94 0.00	24.82 0.90 0.00	25.73 1.26 0.00	26.63 1.46 0.00	38.14 1.94 0.00	38.27 2.21 0.00	38.30 2.39 -0.70	37.22 2.29 -0.16	35.08 2.24 0.00	35.57 1.87 0.00	38.44 1.79 0.00	37.24 1.70 0.00	40.51 1.74 0.00	40.84 2.02 -0.01	38.07 1.97 -0.68	44.24 2.07 -6.70	33.82 1.52 -3.74	35.98 1.51 -0.14	31.48 1.26 0.00	29.43 1.11 0.00
NORTHPORT___4 23650	21.66 1.03 0.00	19.94 1.02 0.00	20.14 0.95 0.00	17.79 0.85 0.00	21.83 0.94 0.00	24.82 0.90 0.00	25.73 1.26 0.00	26.63 1.46 0.00	38.14 1.94 0.00	38.27 2.21 0.00	38.30 2.39 -0.70	37.22 2.29 -0.16	35.08 2.24 0.00	35.57 1.87 0.00	38.44 1.79 0.00	37.24 1.70 0.00	40.51 1.74 0.00	40.84 2.02 -0.01	38.07 1.97 -0.68	44.24 2.07 -6.70	33.82 1.52 -3.74	35.98 1.51 -0.14	31.48 1.26 0.00	29.43 1.11 0.00
NORTHPORT___IC 23718	21.76 1.14 0.00	20.03 1.11 0.00	20.22 1.04 0.00	17.86 0.93 0.00	21.95 1.06 0.00	24.98 1.06 0.00	25.93 1.45 0.00	26.81 1.64 0.00	38.36 2.16 0.00	38.50 2.44 0.00	38.53 2.62 -0.71	37.45 2.52 -0.16	35.29 2.44 0.00	35.75 2.05 0.00	38.65 2.00 0.00	37.46 1.92 0.00	40.73 1.97 0.00	41.10 2.29 -0.01	38.29 2.20 -0.68	44.42 2.31 -6.64	34.02 1.71 -3.76	36.21 1.74 -0.14	31.64 1.42 0.00	29.58 1.25 0.00
NORTH___COUNTRY_ESR 323785	20.88 0.25 0.00	18.78 -0.14 0.00	18.61 -0.57 0.00	16.36 -0.57 0.00	20.16 -0.73 0.00	15.53 -0.89 7.51	-8.11 -1.13 31.46	-23.00 -1.24 46.93	-23.11 -1.85 57.46	-25.05 -1.85 59.26	-23.98 -1.84 57.34	-23.22 -1.80 56.18	-23.37 -1.52 54.70	-23.27 -1.51 55.47	-24.40 -1.48 59.57	-24.02 -1.36 58.20	-24.17 -1.47 61.46	-24.02 -1.74 61.08	-23.70 -1.57 57.54	10.89 -1.38 23.19	27.78 -0.78 0.00	-4.77 -1.14 37.96	-23.17 -1.08 52.32	-23.19 -0.97 50.54
NPX_GEN_1385_PROXY 323591	21.69 1.06 0.00	19.96 1.04 0.00	20.15 0.97 0.00	17.80 0.87 0.00	21.90 1.01 0.00	24.90 0.97 0.00	25.87 1.39 0.00	26.75 1.59 0.00	38.23 2.03 0.00	38.52 2.32 -0.14	38.40 2.48 -0.71	37.28 2.36 -0.16	35.16 2.31 0.00	35.60 1.90 0.00	38.49 1.85 0.00	37.31 1.77 0.00	40.52 1.75 0.00	40.90 2.09 -0.01	37.94 1.85 -0.68	44.14 2.03 -6.64	26.71 1.57 3.41	35.88 1.41 -0.14	31.51 1.28 0.00	29.46 1.13 0.00
NPX_GEN_CSC 323557	21.84 1.21 0.00	20.07 1.16 0.00	20.27 1.09 0.00	17.90 0.97 0.00	22.02 1.13 0.00	25.12 1.20 0.00	26.39 1.91 0.00	27.11 1.94 0.00	37.95 1.75 0.00	38.26 2.06 -0.14	38.23 2.20 -0.82	37.14 2.19 -0.19	35.06 2.22 0.00	35.36 1.65 0.00	38.42 1.78 0.00	37.24 1.70 0.00	40.50 1.74 0.00	40.94 2.13 -0.01	38.51 2.42 -0.69	44.56 2.34 -6.76	27.23 1.48 2.80	36.16 1.67 -0.16	31.47 1.25 0.00	29.32 1.00 0.00
NSINS_S_GLNS_FALLS 23858	21.32 0.69 0.00	19.59 0.67 0.00	19.81 0.63 0.00	17.48 0.54 0.00	21.56 0.67 0.00	24.65 0.73 0.00	25.40 0.92 0.00	26.32 1.15 0.00	38.18 1.98 0.00	38.03 1.97 0.00	37.03 1.83 0.00	36.51 1.75 0.00	34.38 1.53 0.00	35.50 1.79 0.00	38.30 1.65 0.00	37.00 1.46 0.00	40.39 1.63 0.00	40.53 1.72 0.00	37.14 1.72 0.00	37.06 1.60 0.00	29.74 1.18 0.00	35.41 1.08 0.00	31.12 0.90 0.00	29.01 0.69 0.00
NUCOR_STEEL___DRP 24197	20.25 -0.38 0.00	18.52 -0.40 0.00	18.95 -0.23 0.00	16.64 -0.28 0.00	20.60 -0.29 0.00	23.80 -0.13 0.00	24.48 0.00 0.00	25.12 -0.05 0.00	35.98 -0.22 0.00	35.80 -0.26 0.00	35.03 -0.17 0.00	34.60 -0.16 0.00	32.63 -0.22 0.00	33.68 -0.02 0.00	36.67 0.03 0.00	35.53 -0.01 0.00	38.63 -0.14 0.00	39.01 0.20 0.00	35.54 0.12 0.00	35.73 0.27 0.00	28.82 0.27 0.00	34.45 0.12 0.00	30.11 -0.12 0.00	28.49 0.16 0.00
NUMBER_THREE_WT_PWR 323818	20.01 -0.62 0.00	18.09 -0.83 0.00	18.38 -0.80 0.00	16.18 -0.75 0.00	19.99 -0.90 0.00	23.32 -0.90 -0.30	24.89 -0.85 -1.26	26.31 -0.73 -1.88	36.71 -0.90 -1.41	37.98 -0.46 -2.37	36.46 -1.05 -2.30	33.90 -0.51 0.34	34.61 -0.37 -2.13	34.88 -0.98 -2.16	37.55 -1.42 -2.33	36.99 -0.82 -2.27	41.14 -0.03 -2.40	42.26 1.06 -2.39	38.65 0.99 -2.25	36.97 0.61 -0.91	29.25 0.70 0.00	36.66 0.84 -1.48	32.97 0.70 -2.05	30.95 0.66 -1.98
NYISO_LBMP_REFERENCE 24008	20.63 0.00 0.00	18.91 0.00 0.00	19.18 0.00 0.00	16.93 0.00 0.00	20.89 0.00 0.00	23.92 0.00 0.00	24.48 0.00 0.00	25.17 0.00 0.00	36.20 0.00 0.00	36.06 0.00 0.00	35.20 0.00 0.00	34.76 0.00 0.00	32.85 0.00 0.00	33.70 0.00 0.00	36.65 0.00 0.00	35.54 0.00 0.00	38.76 0.00 0.00	38.81 0.00 0.00	35.41 0.00 0.00	35.46 0.00 0.00	28.55 0.00 0.00	34.33 0.00 0.00	30.22 0.00 0.00	28.32 0.00 0.00
NYPA_BRENTWD____GT 24164	21.97 1.34 0.00	20.20 1.29 0.00	20.40 1.22 0.00	18.01 1.09 0.00	22.15 1.26 0.00	25.24 1.32 0.00	26.25 1.77 0.00	27.16 1.99 0.00	38.85 2.65 0.00	39.00 2.94 0.00	39.28 3.11 -0.96	38.02 3.04 -0.22	35.76 2.92 0.00	36.23 2.52 0.00	39.19 2.54 0.00	37.96 2.43 0.00	41.29 2.53 0.00	41.69 2.88 -0.01	38.76 2.65 -0.70	45.18 2.82 -6.90	35.80 2.14 -5.10	36.77 2.25 -0.19	32.04 1.82 0.00	29.90 1.58 0.00
NYPA_GOWANUS____GT5 24156	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.27 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.77 2.71 0.00	37.96 2.76 0.00	37.48 2.72 0.00	35.50 2.65 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.05 2.28 0.00	41.24 2.44 0.00	37.80 2.39 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.74 1.51 0.00	29.70 1.37 0.00

NYPA_GOWANUS____GT6 24157	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.27 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.77 2.71 0.00	37.96 2.76 0.00	37.48 2.72 0.00	35.50 2.65 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.05 2.28 0.00	41.24 2.44 0.00	37.80 2.39 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.74 1.51 0.00	29.70 1.37 0.00
NYPA_HARLEM__RVR__GT1 24160	21.65 1.02 0.00	19.93 1.01 0.00	20.13 0.95 0.00	17.81 0.88 0.00	21.81 0.92 0.00	24.84 0.91 0.00	25.66 1.18 0.00	26.71 1.54 0.00	38.54 2.34 0.00	38.62 2.56 0.00	37.76 2.55 0.00	37.26 2.50 0.00	35.29 2.45 0.00	35.97 2.26 0.00	38.74 2.10 0.00	37.42 1.89 0.00	40.85 2.08 0.00	41.04 2.23 0.00	37.57 2.15 0.00	37.75 2.29 0.00	30.18 1.63 0.00	35.87 1.53 0.00	31.57 1.35 0.00	29.64 1.32 0.00
NYPA_HARLEM__RVR__GT2 24161	21.65 1.02 0.00	19.93 1.01 0.00	20.13 0.95 0.00	17.81 0.88 0.00	21.81 0.92 0.00	24.84 0.91 0.00	25.66 1.18 0.00	26.71 1.54 0.00	38.54 2.34 0.00	38.62 2.56 0.00	37.76 2.55 0.00	37.26 2.50 0.00	35.29 2.45 0.00	35.97 2.26 0.00	38.74 2.10 0.00	37.42 1.89 0.00	40.85 2.08 0.00	41.04 2.23 0.00	37.57 2.15 0.00	37.75 2.29 0.00	30.18 1.63 0.00	35.87 1.53 0.00	31.57 1.35 0.00	29.64 1.32 0.00
NYPA_KENT____GT 24152	21.66 1.03 0.00	19.96 1.04 0.00	20.16 0.97 0.00	17.83 0.90 0.00	21.86 0.97 0.00	24.88 0.96 0.00	25.70 1.22 0.00	26.77 1.61 0.00	38.67 2.48 0.00	38.73 2.67 0.00	37.91 2.70 0.00	37.42 2.67 0.00	35.45 2.60 0.00	36.15 2.45 0.00	38.93 2.29 0.00	37.61 2.07 0.00	41.00 2.24 0.00	41.20 2.39 0.00	37.74 2.33 0.00	37.88 2.42 0.00	30.31 1.75 0.00	36.03 1.69 0.00	31.67 1.44 0.00	29.63 1.31 0.00
NYPA_POUCH1____GT 24155	21.73 1.10 0.00	20.01 1.10 0.00	20.22 1.04 0.00	17.89 0.96 0.00	21.94 1.05 0.00	24.97 1.05 0.00	25.76 1.28 0.00	26.82 1.66 0.00	38.64 2.44 0.00	38.67 2.60 0.00	37.87 2.67 0.00	37.42 2.67 0.00	35.46 2.61 0.00	36.17 2.46 0.00	38.84 2.19 0.00	37.55 2.01 0.00	40.90 2.13 0.00	41.08 2.28 0.00	37.77 2.35 0.00	37.90 2.44 0.00	30.36 1.81 0.00	36.09 1.75 0.00	31.75 1.53 0.00	29.74 1.42 0.00
NYPA_VERNON____GT2 24162	21.61 0.98 0.00	19.92 1.01 0.00	20.13 0.94 0.00	17.81 0.88 0.00	21.82 0.93 0.00	24.82 0.90 0.00	25.65 1.18 0.00	26.73 1.57 0.00	38.63 2.43 0.00	38.69 2.63 0.00	37.86 2.66 0.00	37.36 2.60 0.00	35.39 2.55 0.00	36.09 2.39 0.00	38.89 2.24 0.00	37.56 2.02 0.00	40.96 2.20 0.00	41.15 2.35 0.00	37.68 2.27 0.00	37.82 2.36 0.00	30.24 1.69 0.00	35.96 1.62 0.00	31.60 1.38 0.00	29.57 1.25 0.00
NYPA_VERNON____GT3 24163	21.61 0.98 0.00	19.92 1.01 0.00	20.13 0.94 0.00	17.81 0.88 0.00	21.82 0.93 0.00	24.82 0.90 0.00	25.65 1.18 0.00	26.73 1.57 0.00	38.63 2.43 0.00	38.69 2.63 0.00	37.86 2.66 0.00	37.36 2.60 0.00	35.39 2.55 0.00	36.09 2.39 0.00	38.89 2.24 0.00	37.56 2.02 0.00	40.96 2.20 0.00	41.15 2.35 0.00	37.68 2.27 0.00	37.82 2.36 0.00	30.24 1.69 0.00	35.96 1.62 0.00	31.60 1.38 0.00	29.57 1.25 0.00
NYPA__ASTORIA_CC1 323568	21.57 0.95 0.00	19.89 0.97 0.00	20.09 0.91 0.00	17.78 0.85 0.00	21.77 0.88 0.00	24.77 0.85 0.00	25.61 1.13 0.00	26.68 1.51 0.00	38.55 2.34 0.00	38.61 2.55 0.00	37.78 2.57 0.00	37.27 2.51 0.00	35.32 2.47 0.00	36.01 2.31 0.00	38.80 2.16 0.00	37.48 1.94 0.00	40.88 2.12 0.00	41.06 2.26 0.00	37.60 2.18 0.00	37.74 2.28 0.00	30.17 1.62 0.00	35.88 1.55 0.00	31.54 1.31 0.00	29.51 1.19 0.00
NYPA__ASTORIA_CC2 323569	21.57 0.95 0.00	19.89 0.97 0.00	20.09 0.91 0.00	17.78 0.85 0.00	21.77 0.88 0.00	24.77 0.85 0.00	25.61 1.13 0.00	26.68 1.51 0.00	38.55 2.34 0.00	38.61 2.55 0.00	37.78 2.57 0.00	37.27 2.51 0.00	35.32 2.47 0.00	36.01 2.31 0.00	38.80 2.16 0.00	37.48 1.94 0.00	40.88 2.12 0.00	41.06 2.26 0.00	37.60 2.18 0.00	37.74 2.28 0.00	30.17 1.62 0.00	35.88 1.55 0.00	31.54 1.31 0.00	29.51 1.19 0.00
NYPA__HOLTSVILL 23794	21.86 1.23 0.00	20.10 1.19 0.00	20.30 1.12 0.00	17.93 1.00 0.00	22.04 1.15 0.00	25.11 1.19 0.00	26.15 1.67 0.00	27.02 1.85 0.00	38.50 2.30 0.00	38.64 2.58 0.00	38.76 2.75 -0.81	37.65 2.70 -0.19	35.41 2.57 0.00	35.82 2.11 0.00	38.75 2.10 0.00	37.53 2.00 0.00	40.81 2.05 0.00	41.22 2.41 -0.01	38.49 2.39 -0.69	44.70 2.49 -6.75	34.72 1.85 -4.31	36.47 1.98 -0.16	31.79 1.56 0.00	29.66 1.34 0.00
NYPA____HELLGATE_GT1 24158	21.65 1.02 0.00	19.93 1.01 0.00	20.13 0.95 0.00	17.81 0.88 0.00	21.81 0.92 0.00	24.84 0.91 0.00	25.66 1.18 0.00	26.71 1.54 0.00	38.54 2.34 0.00	38.62 2.56 0.00	37.76 2.55 0.00	37.26 2.50 0.00	35.29 2.45 0.00	35.97 2.27 0.00	38.76 2.11 0.00	37.42 1.89 0.00	40.85 2.08 0.00	41.04 2.23 0.00	37.57 2.15 0.00	37.75 2.29 0.00	30.18 1.63 0.00	35.87 1.53 0.00	31.57 1.35 0.00	29.64 1.32 0.00
NYPA____HELLGATE_GT2 24159	21.65 1.02 0.00	19.93 1.01 0.00	20.13 0.95 0.00	17.81 0.88 0.00	21.81 0.92 0.00	24.84 0.91 0.00	25.66 1.18 0.00	26.71 1.54 0.00	38.54 2.34 0.00	38.62 2.56 0.00	37.76 2.55 0.00	37.26 2.50 0.00	35.29 2.45 0.00	35.97 2.27 0.00	38.76 2.11 0.00	37.42 1.89 0.00	40.85 2.08 0.00	41.04 2.23 0.00	37.57 2.15 0.00	37.75 2.29 0.00	30.18 1.63 0.00	35.87 1.53 0.00	31.57 1.35 0.00	29.64 1.32 0.00
NYS_BARGE__HYD 23848	19.57 -1.06 0.00	17.75 -1.17 0.00	18.26 -0.93 0.00	16.11 -0.82 0.00	20.25 -0.64 0.00	23.56 -0.37 0.00	24.12 -0.36 0.00	24.54 -0.63 0.00	35.00 -1.20 0.00	34.53 -1.53 0.00	33.75 -1.45 0.00	33.75 -1.00 0.00	32.39 -0.46 0.00	33.48 -0.23 0.00	36.50 -0.14 0.00	35.57 0.04 0.00	38.55 -0.22 0.00	38.78 -0.02 0.00	35.74 0.33 0.00	35.90 0.44 0.00	28.89 0.34 0.00	34.24 -0.09 0.00	30.19 -0.03 0.00	28.63 0.30 0.00
OAK ORCHARD__HYD 24046	19.88 -0.75 0.00	18.10 -0.82 0.00	18.51 -0.67 0.00	16.34 -0.59 0.00	20.42 -0.47 0.00	23.65 -0.27 0.00	24.29 -0.19 0.00	24.81 -0.36 0.00	35.54 -0.66 0.00	35.21 -0.85 0.00	34.40 -0.81 0.00	34.18 -0.58 0.00	32.60 -0.25 0.00	33.61 -0.09 0.00	36.62 -0.03 0.00	35.62 0.09 0.00	38.74 -0.02 0.00	38.94 0.13 0.00	35.76 0.34 0.00	35.86 0.40 0.00	28.86 0.30 0.00	34.32 -0.01 0.00	30.19 -0.03 0.00	28.45 0.12 0.00
OAKDALE__35_KV_LOAD 356122	20.64 0.02 0.00	18.93 0.01 0.00	19.31 0.13 0.00	16.99 0.06 0.00	21.02 0.12 0.00	24.21 0.29 0.00	24.92 0.44 0.00	25.66 0.49 0.00	37.04 0.84 0.00	36.77 0.71 0.00	35.95 0.75 0.00	35.55 0.79 0.00	33.55 0.70 0.00	34.34 0.64 0.00	37.55 0.91 0.00	36.19 0.66 0.00	39.37 0.61 0.00	39.72 0.92 0.00	36.30 0.88 0.00	36.48 1.02 0.00	29.32 0.76 0.00	35.11 0.78 0.00	30.96 0.73 0.00	29.06 0.74 0.00

OCC_CHEM___DRP 24175	19.20 -1.43 0.00	17.41 -1.50 0.00	17.91 -1.27 0.00	15.82 -1.11 0.00	19.90 -0.99 0.00	23.14 -0.78 0.00	23.69 -0.79 0.00	24.02 -1.15 0.00	34.08 -2.12 0.00	33.54 -2.52 0.00	32.75 -2.46 0.00	32.77 -1.99 0.00	31.44 -1.41 0.00	32.49 -1.22 0.00	35.40 -1.24 0.00	34.57 -0.97 0.00	37.46 -1.30 0.00	37.64 -1.16 0.00	34.72 -0.69 0.00	34.87 -0.59 0.00	28.08 -0.47 0.00	33.23 -1.10 0.00	29.37 -0.86 0.00	27.84 -0.48 0.00
OH_GEN_PROXY 24063	19.33 -1.30 0.00	17.56 -1.36 0.00	18.05 -1.14 0.00	15.93 -1.00 0.00	20.02 -0.87 0.00	23.27 -0.65 0.00	23.84 -0.64 0.00	24.24 -0.93 0.00	34.58 -1.62 0.00	34.23 -1.97 -0.14	33.28 -1.92 0.00	33.25 -1.50 0.00	31.86 -0.99 0.00	32.85 -0.85 0.00	35.88 -0.77 0.00	34.97 -0.56 0.00	37.93 -0.83 0.00	38.14 -0.66 0.00	35.12 -0.30 0.00	35.26 -0.20 0.00	21.21 -0.17 7.18	33.70 -0.63 0.00	29.72 -0.50 0.00	28.12 -0.21 0.00
OLIN_CORP_DRP 24177	19.28 -1.35 0.00	17.48 -1.43 0.00	17.98 -1.20 0.00	15.89 -1.04 0.00	19.97 -0.92 0.00	23.23 -0.69 0.00	23.78 -0.69 0.00	24.13 -1.03 0.00	34.40 -1.80 0.00	33.90 -2.16 0.00	33.10 -2.11 0.00	33.13 -1.62 0.00	31.78 -1.07 0.00	32.84 -0.86 0.00	35.80 -0.84 0.00	34.93 -0.61 0.00	37.84 -0.92 0.00	38.05 -0.75 0.00	35.10 -0.32 0.00	35.26 -0.20 0.00	28.38 -0.17 0.00	33.61 -0.72 0.00	29.69 -0.53 0.00	28.22 -0.10 0.00
OLIN_CORP_DSASP 323712	19.20 -1.43 0.00	17.41 -1.50 0.00	17.91 -1.27 0.00	15.82 -1.11 0.00	19.90 -0.99 0.00	23.14 -0.78 0.00	23.67 -0.81 0.00	24.03 -1.13 0.00	34.10 -2.10 0.00	33.55 -2.52 0.00	32.77 -2.43 0.00	32.78 -1.98 0.00	31.48 -1.37 0.00	32.49 -1.21 0.00	35.45 -1.20 0.00	34.60 -0.94 0.00	37.50 -1.26 0.00	37.68 -1.12 0.00	34.74 -0.68 0.00	34.87 -0.59 0.00	28.08 -0.47 0.00	33.25 -1.09 0.00	29.36 -0.86 0.00	27.84 -0.49 0.00
ONEIDA_HERK_LFGE 323681	20.64 0.01 0.00	18.81 -0.10 0.00	19.10 -0.08 0.00	16.84 -0.09 0.00	20.81 -0.08 0.00	24.04 -0.02 -0.14	25.16 0.10 -0.58	26.23 0.19 -0.87	37.33 0.36 -0.77	37.71 0.54 -1.10	36.59 0.32 -1.06	35.48 0.54 -0.18	34.35 0.52 -0.99	34.97 0.26 -1.00	37.73 0.00 -1.08	36.80 0.21 -1.05	40.52 0.64 -1.11	41.11 1.20 -1.11	37.55 1.09 -1.04	36.79 0.90 -0.42	29.41 0.85 0.00	35.98 0.96 -0.69	31.96 0.79 -0.95	29.96 0.72 -0.91
ONEIDA___115KV_TB4 55905	20.89 0.26 0.00	19.11 0.19 0.00	19.40 0.22 0.00	17.13 0.20 0.00	21.18 0.28 0.00	24.34 0.41 0.00	25.07 0.59 0.00	25.80 0.63 0.00	37.17 0.97 0.00	37.06 1.01 0.00	36.18 0.98 0.00	35.78 1.02 0.00	33.77 0.92 0.00	34.53 0.82 0.00	37.13 0.49 0.00	36.02 0.48 0.00	39.52 0.76 0.00	39.93 1.13 0.00	36.42 1.00 0.00	36.44 0.98 0.00	29.57 1.01 0.00	35.47 1.14 0.00	31.15 0.92 0.00	29.22 0.90 0.00
ONONDAGA_REF_OCCRA 23987	20.29 -0.34 0.00	18.56 -0.36 0.00	18.87 -0.31 0.00	16.65 -0.28 0.00	20.61 -0.28 0.00	23.70 -0.22 0.00	24.36 -0.12 0.00	25.00 -0.17 0.00	35.93 -0.27 0.00	35.77 -0.29 0.00	34.94 -0.27 0.00	34.56 -0.20 0.00	32.72 -0.13 0.00	33.54 -0.17 0.00	36.40 -0.24 0.00	35.37 -0.16 0.00	38.64 -0.12 0.00	38.86 0.05 0.00	35.53 0.12 0.00	35.60 0.14 0.00	28.66 0.10 0.00	34.27 -0.07 0.00	30.11 -0.11 0.00	28.32 0.00 0.00
ONONDAGA___COGEN 23986	20.22 -0.41 0.00	18.50 -0.42 0.00	18.83 -0.36 0.00	16.60 -0.33 0.00	20.53 -0.36 0.00	23.61 -0.31 0.00	24.26 -0.22 0.00	24.88 -0.28 0.00	35.73 -0.47 0.00	35.56 -0.50 0.00	34.74 -0.46 0.00	34.35 -0.40 0.00	32.52 -0.33 0.00	33.38 -0.33 0.00	36.28 -0.36 0.00	35.22 -0.31 0.00	38.42 -0.34 0.00	38.64 -0.17 0.00	35.34 -0.08 0.00	35.41 -0.05 0.00	28.50 -0.05 0.00	34.08 -0.25 0.00	29.94 -0.29 0.00	28.18 -0.14 0.00
ONTARIO___LFGE 23819	20.16 -0.47 0.00	18.44 -0.48 0.00	18.85 -0.34 0.00	16.60 -0.33 0.00	20.61 -0.28 0.00	23.85 -0.07 0.00	24.59 0.11 0.00	25.22 0.05 0.00	36.16 -0.04 0.00	35.90 -0.16 0.00	35.13 -0.08 0.00	34.79 0.03 0.00	32.95 0.10 0.00	33.79 0.08 0.00	37.18 0.53 0.00	35.89 0.36 0.00	39.05 0.28 0.00	39.37 0.56 0.00	36.09 0.67 0.00	36.32 0.85 0.00	29.27 0.72 0.00	34.87 0.54 0.00	30.73 0.50 0.00	28.91 0.59 0.00
ORANGEVILLE_WT_PWR 323706	19.03 -1.60 0.00	17.31 -1.60 0.00	17.80 -1.38 0.00	15.76 -1.17 0.00	19.71 -1.19 0.00	22.93 -1.00 0.00	23.59 -0.89 0.00	23.96 -1.20 0.00	34.27 -1.92 0.00	33.85 -2.21 0.00	33.12 -2.08 0.00	33.48 -1.28 0.00	32.30 -0.56 0.00	33.60 -0.10 0.00	36.59 -0.05 0.00	35.46 -0.08 0.00	38.35 -0.41 0.00	38.76 -0.04 0.00	35.76 0.34 0.00	36.02 0.56 0.00	29.01 0.45 0.00	34.43 0.10 0.00	30.42 0.19 0.00	28.76 0.44 0.00
ORANGEVILLE___ESR 323794	19.03 -1.60 0.00	17.31 -1.60 0.00	17.80 -1.38 0.00	15.76 -1.17 0.00	19.71 -1.19 0.00	22.93 -1.00 0.00	23.59 -0.89 0.00	23.96 -1.20 0.00	34.27 -1.92 0.00	33.85 -2.21 0.00	33.12 -2.08 0.00	33.48 -1.28 0.00	32.30 -0.56 0.00	33.60 -0.10 0.00	36.59 -0.05 0.00	35.46 -0.08 0.00	38.35 -0.41 0.00	38.76 -0.04 0.00	35.76 0.34 0.00	36.02 0.56 0.00	29.01 0.45 0.00	34.43 0.10 0.00	30.42 0.19 0.00	28.76 0.44 0.00
OSWEGATCHIE___HYD 24044	20.10 -0.53 0.00	18.26 -0.66 0.00	18.50 -0.69 0.00	16.31 -0.63 0.00	20.14 -0.75 0.00	23.84 -0.77 -0.69	26.46 -0.90 -2.88	28.54 -0.91 -4.29	37.91 -1.28 -2.99	40.39 -1.09 -5.42	39.08 -1.37 -5.24	32.25 -1.08 1.43	36.87 -0.84 -4.86	37.49 -1.15 -4.94	40.65 -1.31 -5.32	39.80 -0.93 -5.19	43.75 -0.49 -5.48	44.15 -0.11 -5.45	40.55 0.00 -5.13	37.40 -0.13 -2.07	28.59 0.04 0.00	37.82 0.09 -3.39	34.93 0.03 -4.67	32.93 0.09 -4.51
OSWEGO___5 23606	19.95 -0.68 0.00	18.26 -0.65 0.00	18.57 -0.62 0.00	16.38 -0.55 0.00	20.26 -0.63 0.00	23.27 -0.65 0.00	23.84 -0.63 0.00	24.46 -0.70 0.00	35.15 -1.05 0.00	34.98 -1.08 0.00	34.17 -1.04 0.00	33.79 -0.96 0.00	31.98 -0.87 0.00	32.82 -0.88 0.00	35.67 -0.97 0.00	34.63 -0.91 0.00	37.78 -0.99 0.00	37.93 -0.88 0.00	34.67 -0.74 0.00	34.73 -0.73 0.00	27.96 -0.60 0.00	33.48 -0.85 0.00	29.45 -0.77 0.00	27.70 -0.63 0.00
OSWEGO___6 23613	19.95 -0.68 0.00	18.26 -0.65 0.00	18.57 -0.62 0.00	16.38 -0.55 0.00	20.26 -0.63 0.00	23.27 -0.65 0.00	23.84 -0.63 0.00	24.46 -0.70 0.00	35.15 -1.05 0.00	34.98 -1.08 0.00	34.17 -1.04 0.00	33.79 -0.96 0.00	31.98 -0.87 0.00	32.82 -0.88 0.00	35.67 -0.97 0.00	34.63 -0.91 0.00	37.78 -0.99 0.00	37.93 -0.88 0.00	34.67 -0.74 0.00	34.73 -0.73 0.00	27.96 -0.60 0.00	33.48 -0.85 0.00	29.45 -0.77 0.00	27.70 -0.63 0.00
OUTOKUMPU-AB___DRP 24206	19.76 -0.87 0.00	17.95 -0.97 0.00	18.45 -0.73 0.00	16.19 -0.74 0.00	20.35 -0.54 0.00	23.68 -0.25 0.00	24.28 -0.20 0.00	24.67 -0.50 0.00	35.14 -1.06 0.00	34.66 -1.40 0.00	33.89 -1.31 0.00	33.92 -0.83 0.00	32.52 -0.33 0.00	33.65 -0.05 0.00	36.67 0.02 0.00	35.68 0.15 0.00	38.67 -0.09 0.00	38.94 0.13 0.00	35.88 0.46 0.00	36.07 0.61 0.00	29.02 0.47 0.00	34.39 0.06 0.00	30.34 0.11 0.00	28.71 0.39 0.00

OXBOW___BTM 323836	19.76 -0.87 0.00	17.95 -0.97 0.00	18.45 -0.73 0.00	16.00 -0.92 0.00	20.13 -0.77 0.00	23.42 -0.51 0.00	23.97 -0.51 0.00	24.37 -0.80 0.00	34.64 -1.56 0.00	34.14 -1.92 0.00	33.37 -1.83 0.00	33.38 -1.38 0.00	32.04 -0.81 0.00	33.10 -0.61 0.00	36.10 -0.55 0.00	35.19 -0.34 0.00	38.13 -0.63 0.00	38.35 -0.45 0.00	35.35 -0.07 0.00	35.51 0.05 0.00	28.58 0.02 0.00	33.85 -0.49 0.00	29.87 -0.36 0.00	28.28 -0.04 0.00
OXBOW____ 24026	19.76 -0.87 0.00	17.95 -0.97 0.00	18.45 -0.73 0.00	16.01 -0.92 0.00	20.13 -0.77 0.00	23.42 -0.51 0.00	24.00 -0.48 0.00	24.36 -0.81 0.00	34.63 -1.56 0.00	34.12 -1.94 0.00	33.34 -1.86 0.00	33.38 -1.38 0.00	32.01 -0.84 0.00	33.10 -0.61 0.00	36.06 -0.58 0.00	35.15 -0.39 0.00	38.10 -0.66 0.00	38.32 -0.48 0.00	35.33 -0.08 0.00	35.51 0.05 0.00	28.58 0.02 0.00	33.83 -0.50 0.00	29.88 -0.35 0.00	28.29 -0.03 0.00
OXY_CHEM_DSASP 323612	19.20 -1.43 0.00	17.41 -1.50 0.00	17.91 -1.27 0.00	15.82 -1.11 0.00	19.90 -0.99 0.00	23.14 -0.78 0.00	23.69 -0.79 0.00	24.02 -1.15 0.00	34.08 -2.12 0.00	33.54 -2.52 0.00	32.75 -2.46 0.00	32.77 -1.99 0.00	31.44 -1.41 0.00	32.49 -1.22 0.00	35.40 -1.24 0.00	34.57 -0.97 0.00	37.46 -1.30 0.00	37.64 -1.16 0.00	34.72 -0.69 0.00	34.87 -0.59 0.00	28.08 -0.47 0.00	33.23 -1.10 0.00	29.37 -0.86 0.00	27.84 -0.48 0.00
OZONE_PARK_ESR 323760	21.75 1.12 0.00	20.05 1.13 0.00	20.26 1.08 0.00	17.92 0.99 0.00	21.98 1.09 0.00	25.01 1.08 0.00	25.85 1.37 0.00	26.95 1.78 0.00	38.96 2.76 0.00	39.01 2.95 0.00	38.19 2.98 0.00	37.65 2.89 0.00	35.69 2.84 0.00	36.39 2.68 0.00	39.26 2.62 0.00	37.89 2.36 0.00	41.34 2.58 0.00	41.55 2.74 0.00	38.02 2.61 0.00	38.18 2.72 0.00	30.52 1.97 0.00	36.31 1.98 0.00	31.86 1.64 0.00	29.78 1.46 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.20 -1.43 0.00	17.41 -1.50 0.00	17.91 -1.27 0.00	15.82 -1.11 0.00	19.90 -0.99 0.00	23.14 -0.78 0.00	23.69 -0.79 0.00	24.02 -1.15 0.00	34.08 -2.12 0.00	33.54 -2.52 0.00	32.75 -2.46 0.00	32.77 -1.99 0.00	31.44 -1.41 0.00	32.49 -1.22 0.00	35.40 -1.24 0.00	34.57 -0.97 0.00	37.46 -1.30 0.00	37.64 -1.16 0.00	34.72 -0.69 0.00	34.87 -0.59 0.00	28.08 -0.47 0.00	33.23 -1.10 0.00	29.37 -0.86 0.00	27.84 -0.48 0.00
PACKARD__115KV_DUPONT_184 80571	19.20 -1.43 0.00	17.41 -1.50 0.00	17.91 -1.27 0.00	15.82 -1.11 0.00	19.90 -0.99 0.00	23.14 -0.78 0.00	23.69 -0.79 0.00	24.02 -1.15 0.00	34.08 -2.12 0.00	33.54 -2.52 0.00	32.75 -2.46 0.00	32.77 -1.99 0.00	31.44 -1.41 0.00	32.49 -1.22 0.00	35.40 -1.24 0.00	34.57 -0.97 0.00	37.46 -1.30 0.00	37.64 -1.16 0.00	34.72 -0.69 0.00	34.87 -0.59 0.00	28.08 -0.47 0.00	33.23 -1.10 0.00	29.37 -0.86 0.00	27.84 -0.48 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.59 0.96 0.00	19.88 0.96 0.00	20.08 0.89 0.00	17.77 0.84 0.00	21.76 0.87 0.00	24.79 0.86 0.00	25.61 1.14 0.00	26.69 1.53 0.00	38.53 2.33 0.00	38.58 2.52 0.00	37.73 2.52 0.00	37.23 2.47 0.00	35.27 2.42 0.00	35.96 2.26 0.00	38.75 2.11 0.00	37.43 1.90 0.00	40.84 2.08 0.00	41.02 2.22 0.00	37.55 2.13 0.00	37.72 2.26 0.00	30.16 1.61 0.00	35.86 1.53 0.00	31.54 1.32 0.00	29.57 1.24 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	21.63 1.00 0.00	19.97 1.05 0.00	20.19 1.00 0.00	17.86 0.93 0.00	21.88 0.99 0.00	24.96 1.04 0.00	25.81 1.33 0.00	26.91 1.75 0.00	38.83 2.63 0.00	38.88 2.82 0.00	38.05 2.84 0.00	37.51 2.75 0.00	35.56 2.71 0.00	36.21 2.51 0.00	39.05 2.41 0.00	37.72 2.18 0.00	41.15 2.39 0.00	41.33 2.53 0.00	37.82 2.41 0.00	38.01 2.54 0.00	30.39 1.83 0.00	36.11 1.78 0.00	31.77 1.55 0.00	29.76 1.44 0.00
PATROON__115KV_TB1 80586	21.27 0.64 0.00	19.59 0.67 0.00	19.83 0.64 0.00	17.52 0.59 0.00	21.54 0.64 0.00	24.59 0.67 0.00	25.17 0.69 0.00	25.78 0.61 0.00	37.09 0.89 0.00	37.01 0.96 0.00	36.15 0.95 0.00	35.65 0.89 0.00	33.43 0.58 0.00	34.15 0.45 0.00	37.06 0.42 0.00	35.96 0.42 0.00	39.24 0.48 0.00	39.33 0.53 0.00	36.01 0.60 0.00	36.04 0.58 0.00	28.91 0.36 0.00	34.56 0.23 0.00	30.39 0.16 0.00	28.41 0.09 0.00
PATTRSNVILLE__SOLAR 323815	21.25 0.62 0.00	19.51 0.59 0.00	19.78 0.59 0.00	17.45 0.52 0.00	21.53 0.64 0.00	24.65 0.72 0.00	25.33 0.85 0.00	26.14 0.98 0.00	37.68 1.48 0.00	37.55 1.49 0.00	36.66 1.45 0.00	36.21 1.46 0.00	34.16 1.32 0.00	35.05 1.35 0.00	37.92 1.27 0.00	36.76 1.22 0.00	40.18 1.41 0.00	40.31 1.50 0.00	36.87 1.46 0.00	36.92 1.45 0.00	29.67 1.11 0.00	35.53 1.20 0.00	31.23 1.01 0.00	29.22 0.90 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.05 -0.58 0.00	18.24 -0.67 0.00	18.72 -0.46 0.00	16.49 -0.44 0.00	20.69 -0.20 0.00	24.05 0.13 0.00	24.76 0.28 0.00	25.16 -0.01 0.00	36.06 -0.14 0.00	35.62 -0.44 0.00	34.80 -0.41 0.00	34.78 0.02 0.00	33.25 0.40 0.00	34.34 0.64 0.00	37.51 0.86 0.00	36.39 0.85 0.00	39.45 0.69 0.00	39.76 0.95 0.00	36.57 1.15 0.00	36.79 1.32 0.00	29.61 1.06 0.00	35.21 0.88 0.00	31.06 0.84 0.00	29.32 1.00 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	21.75 1.12 0.00	20.03 1.12 0.00	20.28 1.09 0.00	17.91 0.98 0.00	22.03 1.14 0.00	25.12 1.20 0.00	25.91 1.44 0.00	26.93 1.76 0.00	38.93 2.72 0.00	38.91 2.85 0.00	38.07 2.86 0.00	37.56 2.80 0.00	35.58 2.73 0.00	36.28 2.58 0.00	39.20 2.55 0.00	37.88 2.35 0.00	41.29 2.53 0.00	41.55 2.74 0.00	38.04 2.63 0.00	38.13 2.67 0.00	30.51 1.96 0.00	36.34 2.01 0.00	31.91 1.69 0.00	29.79 1.47 0.00
PEEKSKILL____ 23653	21.50 0.88 0.00	19.82 0.91 0.00	20.05 0.87 0.00	17.72 0.79 0.00	21.77 0.88 0.00	24.78 0.86 0.00	25.55 1.08 0.00	26.55 1.38 0.00	38.35 2.15 0.00	38.36 2.30 0.00	37.52 2.31 0.00	37.01 2.25 0.00	35.05 2.21 0.00	35.76 2.06 0.00	38.59 1.95 0.00	37.28 1.75 0.00	40.65 1.89 0.00	40.87 2.07 0.00	37.42 2.00 0.00	37.51 2.05 0.00	30.02 1.46 0.00	35.76 1.42 0.00	31.42 1.20 0.00	29.38 1.05 0.00
PGE MADISON__WINDPWR 24146	21.33 0.70 0.00	19.25 0.33 0.00	19.96 0.77 0.00	17.38 0.45 0.00	21.59 0.69 0.00	25.15 1.23 0.00	25.61 1.13 0.00	26.38 1.21 0.00	38.12 1.91 0.00	38.02 1.95 0.00	37.13 1.92 0.00	36.58 1.82 0.00	34.51 1.66 0.00	35.19 1.49 0.00	38.42 1.77 0.00	37.32 1.78 0.00	40.58 1.82 0.00	41.45 2.65 0.00	37.66 2.25 0.00	37.78 2.32 0.00	30.25 1.69 0.00	36.15 1.81 0.00	31.76 1.53 0.00	30.88 2.55 0.00
PIERCEFIELD__HYD 23852	20.30 -0.33 0.00	18.49 -0.43 0.00	18.68 -0.50 0.00	16.48 -0.45 0.00	20.35 -0.54 0.00	24.36 -0.58 -1.01	27.79 -0.92 -4.23	30.45 -1.03 -6.31	38.99 -1.55 -4.34	42.52 -1.51 -7.97	41.33 -1.59 -7.71	31.00 -1.47 2.29	38.88 -1.12 -7.15	39.78 -1.18 -7.26	43.33 -1.13 -7.82	42.24 -0.94 -7.64	45.92 -0.91 -8.07	45.66 -1.16 -8.02	42.06 -0.91 -7.55	37.67 -0.83 -3.04	28.03 -0.53 0.00	38.82 -0.49 -4.98	36.62 -0.47 -6.87	34.64 -0.31 -6.63

PINELAWN_CC_1 323563	21.83 1.20 0.00	20.08 1.17 0.00	20.29 1.10 0.00	17.91 0.98 0.00	22.01 1.12 0.00	25.09 1.17 0.00	26.05 1.57 0.00	26.99 1.83 0.00	38.68 2.48 0.00	38.82 2.76 0.00	39.84 2.95 -1.68	37.99 2.84 -0.39	35.58 2.73 0.00	36.09 2.39 0.00	39.01 2.37 0.00	37.78 2.25 0.00	41.11 2.35 0.00	41.48 2.66 -0.01	38.72 2.55 -0.76	45.72 2.64 -7.62	39.41 1.96 -8.89	36.69 2.03 -0.33	31.86 1.63 0.00	29.75 1.42 0.00
PJM_GEN_HTP_PROXY 323702	21.56 0.93 0.00	19.88 0.97 0.00	20.09 0.91 0.00	17.77 0.84 0.00	21.80 0.91 0.00	24.79 0.86 0.00	25.59 1.11 0.00	26.67 1.50 0.00	38.56 2.36 0.00	38.62 2.56 0.00	37.11 2.59 0.68	37.25 2.49 0.00	35.31 2.46 0.00	36.00 2.30 0.00	38.83 2.18 0.00	37.47 1.94 0.00	40.87 2.11 0.00	41.05 2.24 0.00	37.58 2.16 0.00	37.71 2.25 0.00	30.15 1.59 0.00	36.03 1.54 -0.15	31.32 1.29 0.18	29.47 1.15 0.00
PJM_GEN_KEystone 24065	20.57 -0.06 0.00	18.89 -0.02 0.00	19.23 0.05 0.00	16.96 0.03 0.00	21.02 0.12 0.00	24.12 0.19 0.00	24.82 0.35 0.00	25.58 0.41 0.00	36.87 0.67 0.00	36.68 0.63 0.00	35.17 0.64 0.68	35.48 0.72 0.00	33.64 0.79 0.00	34.43 0.73 0.00	37.40 0.75 0.00	36.09 0.56 0.00	39.25 0.48 0.00	39.59 0.79 0.00	36.26 0.84 0.00	36.39 0.93 0.00	29.21 0.66 0.00	35.01 0.53 -0.15	30.54 0.51 0.18	28.84 0.52 0.00
PJM_GEN_NEPTUNE_PROXY 323594	21.61 0.98 0.00	19.88 0.97 0.00	20.09 0.90 0.00	17.74 0.81 0.00	21.80 0.91 0.00	24.82 0.90 0.00	25.72 1.24 0.00	26.63 1.46 0.00	38.25 2.05 0.00	38.37 2.31 0.00	37.26 2.48 0.43	37.20 2.38 -0.06	35.14 2.29 0.00	35.67 1.97 0.00	38.54 1.89 0.00	37.31 1.78 0.00	40.61 1.84 0.00	40.94 2.12 -0.01	38.11 2.06 -0.64	43.79 2.15 -6.18	31.46 1.58 -1.33	36.10 1.58 -0.19	31.30 1.26 0.18	29.43 1.11 0.00
PJM_GEN_VFT_PROXY 323633	21.48 0.85 0.00	19.80 0.89 0.00	20.01 0.82 0.00	17.70 0.77 0.00	21.71 0.82 0.00	24.66 0.74 0.00	25.47 0.99 0.00	26.53 1.36 0.00	38.35 2.15 0.00	38.40 2.34 0.00	36.91 2.38 0.68	37.05 2.29 0.00	35.13 2.28 0.00	35.82 2.11 0.00	38.61 1.97 0.00	37.26 1.73 0.00	40.66 1.90 0.00	40.83 2.03 0.00	37.39 1.98 0.00	37.52 2.06 0.00	30.00 1.45 0.00	35.83 1.35 -0.15	31.17 1.13 0.18	29.34 1.02 0.00
PLATSBURG_115KV_PMLD1 355749	21.30 0.67 0.00	18.95 0.03 0.00	18.58 -0.61 0.00	16.29 -0.64 0.00	20.07 -0.82 0.00	15.68 -1.13 7.11	-6.61 -1.27 29.81	-20.65 -1.35 44.47	-20.46 -1.97 54.69	-21.73 -1.64 56.15	-20.70 -1.56 54.34	-20.68 -1.50 53.94	-20.52 -1.45 51.91	-20.39 -1.45 52.64	-21.04 -1.17 56.52	-20.69 -1.00 55.22	-20.65 -1.10 58.31	-20.54 -1.39 57.96	-20.52 -1.34 54.60	11.95 -1.50 22.01	27.86 -0.69 0.00	-2.87 -1.18 36.02	-20.44 -1.03 49.64	-20.57 -0.93 47.96
PLEASANTVLY__LBMP 24000	21.38 0.75 0.00	19.70 0.79 0.00	19.94 0.76 0.00	17.62 0.69 0.00	21.66 0.76 0.00	24.65 0.72 0.00	25.38 0.90 0.00	26.33 1.16 0.00	38.03 1.83 0.00	38.00 1.94 0.00	37.14 1.93 0.00	36.62 1.86 0.00	34.69 1.85 0.00	35.40 1.70 0.00	38.22 1.58 0.00	36.93 1.40 0.00	40.27 1.51 0.00	40.47 1.66 0.00	37.05 1.64 0.00	37.12 1.66 0.00	29.72 1.16 0.00	35.44 1.10 0.00	31.15 0.93 0.00	29.11 0.78 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	21.52 0.89 0.00	19.82 0.91 0.00	20.06 0.88 0.00	17.73 0.80 0.00	21.79 0.89 0.00	24.79 0.87 0.00	25.56 1.08 0.00	26.57 1.41 0.00	38.40 2.20 0.00	38.40 2.34 0.00	37.55 2.35 0.00	37.02 2.27 0.00	35.08 2.23 0.00	35.78 2.08 0.00	38.64 1.99 0.00	37.31 1.78 0.00	40.70 1.93 0.00	40.91 2.10 0.00	37.44 2.03 0.00	37.53 2.07 0.00	30.03 1.48 0.00	35.78 1.45 0.00	31.45 1.22 0.00	29.39 1.07 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.52 0.89 0.00	19.82 0.91 0.00	20.06 0.88 0.00	17.73 0.80 0.00	21.79 0.89 0.00	24.79 0.87 0.00	25.56 1.08 0.00	26.57 1.41 0.00	38.40 2.20 0.00	38.40 2.34 0.00	37.55 2.35 0.00	37.02 2.27 0.00	35.08 2.23 0.00	35.78 2.08 0.00	38.64 1.99 0.00	37.31 1.78 0.00	40.70 1.93 0.00	40.91 2.10 0.00	37.44 2.03 0.00	37.53 2.07 0.00	30.03 1.48 0.00	35.78 1.45 0.00	31.45 1.22 0.00	29.39 1.07 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.79 1.16 0.00	20.05 1.14 0.00	20.31 1.12 0.00	17.94 1.01 0.00	22.07 1.18 0.00	25.18 1.26 0.00	25.97 1.50 0.00	26.96 1.80 0.00	38.99 2.79 0.00	38.95 2.89 0.00	38.10 2.89 0.00	37.58 2.83 0.00	35.59 2.74 0.00	36.31 2.61 0.00	39.23 2.59 0.00	37.93 2.39 0.00	41.37 2.61 0.00	41.63 2.82 0.00	38.12 2.71 0.00	38.22 2.76 0.00	30.58 2.03 0.00	36.43 2.09 0.00	31.97 1.75 0.00	29.86 1.54 0.00
POLETTI____ 23519	21.53 0.90 0.00	19.86 0.95 0.00	20.06 0.88 0.00	17.75 0.83 0.00	21.76 0.87 0.00	24.72 0.80 0.00	25.54 1.06 0.00	26.62 1.45 0.00	38.48 2.28 0.00	38.53 2.47 0.00	37.70 2.50 0.00	37.17 2.41 0.00	35.24 2.39 0.00	35.93 2.23 0.00	38.74 2.10 0.00	37.39 1.85 0.00	40.80 2.03 0.00	40.98 2.17 0.00	37.50 2.09 0.00	37.65 2.19 0.00	30.10 1.55 0.00	35.81 1.47 0.00	31.45 1.22 0.00	29.42 1.10 0.00
POMONA__ESR 323819	21.45 0.82 0.00	19.76 0.84 0.00	20.00 0.81 0.00	17.67 0.74 0.00	21.74 0.85 0.00	24.75 0.83 0.00	25.50 1.02 0.00	26.47 1.30 0.00	38.24 2.04 0.00	38.24 2.18 0.00	37.40 2.20 0.00	36.90 2.14 0.00	34.95 2.10 0.00	35.66 1.95 0.00	38.51 1.87 0.00	37.17 1.64 0.00	40.52 1.75 0.00	40.78 1.98 0.00	37.33 1.91 0.00	37.40 1.93 0.00	29.94 1.38 0.00	35.68 1.35 0.00	31.40 1.18 0.00	29.37 1.05 0.00
PORT_JEFF_3 23555	21.92 1.29 0.00	20.14 1.22 0.00	20.33 1.14 0.00	17.95 1.02 0.00	22.07 1.18 0.00	25.16 1.24 0.00	26.21 1.73 0.00	27.08 1.91 0.00	38.58 2.38 0.00	38.73 2.67 0.00	38.85 2.83 -0.82	37.73 2.78 -0.19	35.50 2.66 0.00	35.92 2.21 0.00	38.87 2.22 0.00	37.64 2.11 0.00	40.90 2.14 0.00	41.31 2.49 -0.01	38.58 2.48 -0.69	44.79 2.57 -6.76	34.85 1.93 -4.36	36.56 2.07 -0.16	31.86 1.63 0.00	29.72 1.40 0.00
PORT_JEFF_4 23616	21.92 1.29 0.00	20.14 1.22 0.00	20.33 1.14 0.00	17.95 1.02 0.00	22.07 1.18 0.00	25.16 1.24 0.00	26.21 1.73 0.00	27.08 1.91 0.00	38.58 2.38 0.00	38.73 2.67 0.00	38.85 2.83 -0.82	37.73 2.78 -0.19	35.50 2.66 0.00	35.92 2.21 0.00	38.87 2.22 0.00	37.64 2.11 0.00	40.90 2.14 0.00	41.31 2.49 -0.01	38.58 2.48 -0.69	44.79 2.57 -6.76	34.85 1.93 -4.36	36.56 2.07 -0.16	31.86 1.63 0.00	29.72 1.40 0.00
PORT_JEFF_IC 23713	21.92 1.29 0.00	20.14 1.23 0.00	20.34 1.16 0.00	17.96 1.03 0.00	22.08 1.19 0.00	25.17 1.24 0.00	26.23 1.75 0.00	27.09 1.93 0.00	38.57 2.37 0.00	38.72 2.66 0.00	38.87 2.82 -0.85	37.73 2.77 -0.20	35.51 2.66 0.00	35.91 2.21 0.00	38.88 2.24 0.00	37.68 2.14 0.00	40.84 2.08 0.00	41.26 2.45 -0.01	38.56 2.45 -0.69	44.79 2.54 -6.79	35.00 1.95 -4.50	36.58 2.08 -0.16	31.87 1.64 0.00	29.72 1.40 0.00

PPL PILGRIM_ST_GT1 24216	21.97 1.34 0.00	20.20 1.29 0.00	20.40 1.22 0.00	18.01 1.09 0.00	22.15 1.26 0.00	25.24 1.32 0.00	26.25 1.77 0.00	27.16 1.99 0.00	38.85 2.65 0.00	39.00 2.94 0.00	39.28 3.11 -0.96	38.02 3.04 -0.22	35.76 2.92 0.00	36.23 2.52 0.00	39.19 2.54 0.00	37.96 2.43 0.00	41.29 2.53 0.00	41.69 2.88 -0.01	38.76 2.65 -0.70	45.18 2.82 -6.90	35.80 2.14 -5.10	36.77 2.25 -0.19	32.04 1.82 0.00	29.90 1.58 0.00
PPL PILGRIM_ST_GT2 24217	21.97 1.34 0.00	20.20 1.29 0.00	20.40 1.22 0.00	18.01 1.09 0.00	22.15 1.26 0.00	25.24 1.32 0.00	26.25 1.77 0.00	27.16 1.99 0.00	38.85 2.65 0.00	39.00 2.94 0.00	39.28 3.11 -0.96	38.02 3.04 -0.22	35.76 2.92 0.00	36.23 2.52 0.00	39.19 2.54 0.00	37.96 2.43 0.00	41.29 2.53 0.00	41.69 2.88 -0.01	38.76 2.65 -0.70	45.18 2.82 -6.90	35.80 2.14 -5.10	36.77 2.25 -0.19	32.04 1.82 0.00	29.90 1.58 0.00
PPL_SHRM_GT3 24213	21.86 1.23 0.00	20.09 1.17 0.00	20.29 1.10 0.00	17.92 0.99 0.00	22.03 1.14 0.00	25.14 1.22 0.00	26.40 1.92 0.00	27.13 1.96 0.00	38.04 1.83 0.00	38.20 2.14 0.00	38.31 2.27 -0.84	37.21 2.26 -0.19	35.11 2.26 0.00	35.42 1.72 0.00	38.47 1.83 0.00	37.28 1.75 0.00	40.57 1.81 0.00	41.01 2.20 -0.01	38.55 2.45 -0.69	44.64 2.40 -6.77	34.54 1.55 -4.43	36.23 1.73 -0.16	31.53 1.30 0.00	29.37 1.05 0.00
PPL_SHRM_GT4 24214	21.86 1.23 0.00	20.09 1.17 0.00	20.29 1.10 0.00	17.92 0.99 0.00	22.03 1.14 0.00	25.14 1.22 0.00	26.40 1.92 0.00	27.13 1.96 0.00	38.04 1.83 0.00	38.20 2.14 0.00	38.31 2.27 -0.84	37.21 2.26 -0.19	35.11 2.26 0.00	35.42 1.72 0.00	38.47 1.83 0.00	37.28 1.75 0.00	40.57 1.81 0.00	41.01 2.20 -0.01	38.55 2.45 -0.69	44.64 2.40 -6.77	34.54 1.55 -4.43	36.23 1.73 -0.16	31.53 1.30 0.00	29.37 1.05 0.00
PROJECT___ORANGE 1 24174	20.12 -0.51 0.00	18.41 -0.51 0.00	18.72 -0.46 0.00	16.52 -0.41 0.00	20.45 -0.44 0.00	23.51 -0.41 0.00	24.15 -0.33 0.00	24.77 -0.39 0.00	35.60 -0.60 0.00	35.42 -0.64 0.00	34.61 -0.59 0.00	34.25 -0.51 0.00	32.43 -0.41 0.00	33.27 -0.43 0.00	36.14 -0.50 0.00	35.09 -0.44 0.00	38.30 -0.46 0.00	38.49 -0.32 0.00	35.20 -0.21 0.00	35.27 -0.20 0.00	28.38 -0.17 0.00	33.93 -0.40 0.00	29.83 -0.39 0.00	28.07 -0.26 0.00
PROJECT___ORANGE 2 24166	20.12 -0.51 0.00	18.41 -0.51 0.00	18.72 -0.46 0.00	16.52 -0.41 0.00	20.45 -0.44 0.00	23.51 -0.41 0.00	24.15 -0.33 0.00	24.77 -0.39 0.00	35.60 -0.60 0.00	35.42 -0.64 0.00	34.61 -0.59 0.00	34.25 -0.51 0.00	32.43 -0.41 0.00	33.27 -0.43 0.00	36.14 -0.50 0.00	35.09 -0.44 0.00	38.30 -0.46 0.00	38.49 -0.32 0.00	35.20 -0.21 0.00	35.27 -0.20 0.00	28.38 -0.17 0.00	33.93 -0.40 0.00	29.83 -0.39 0.00	28.07 -0.26 0.00
PUCKETT___SOLAR 323809	20.83 0.20 0.00	18.95 0.04 0.00	19.49 0.30 0.00	17.07 0.13 0.00	21.13 0.23 0.00	24.47 0.55 0.00	25.03 0.55 0.00	25.79 0.62 0.00	37.29 1.09 0.00	37.05 0.99 0.00	36.20 1.00 0.00	35.79 1.03 0.00	33.87 1.02 0.00	34.54 0.84 0.00	37.74 1.09 0.00	36.42 0.89 0.00	39.65 0.89 0.00	40.05 1.25 0.00	36.57 1.16 0.00	36.76 1.30 0.00	29.53 0.98 0.00	35.32 0.99 0.00	31.12 0.90 0.00	29.52 1.20 0.00
PYRITES___HYD 24023	20.77 0.14 0.00	18.95 0.03 0.00	19.16 -0.03 0.00	16.91 -0.02 0.00	20.90 0.01 0.00	24.92 0.10 -0.90	28.10 -0.15 -3.77	30.54 -0.25 -5.63	39.19 -0.48 -3.47	42.67 -0.50 -7.11	41.54 -0.54 -6.88	31.07 -0.49 3.20	39.00 -0.24 -6.38	39.93 -0.24 -6.48	43.56 -0.06 -6.97	42.40 0.05 -6.81	46.07 0.11 -7.20	45.81 -0.15 -7.15	42.13 -0.02 -6.74	38.23 0.05 -2.72	28.71 0.16 0.00	39.11 0.34 -4.44	36.58 0.23 -6.13	34.54 0.30 -5.92
QUAKERRD_115KV_BK1 80622	19.45 -1.17 0.00	17.74 -1.18 0.00	18.12 -1.06 0.00	16.00 -0.93 0.00	19.94 -0.96 0.00	23.05 -0.87 0.00	23.68 -0.79 0.00	24.20 -0.96 0.00	34.69 -1.51 0.00	34.39 -1.67 0.00	33.59 -1.61 0.00	33.36 -1.40 0.00	31.75 -1.10 0.00	32.70 -1.01 0.00	35.60 -1.04 0.00	34.63 -0.91 0.00	37.69 -1.08 0.00	37.86 -0.94 0.00	34.74 -0.67 0.00	34.85 -0.61 0.00	28.03 -0.52 0.00	33.38 -0.95 0.00	29.35 -0.87 0.00	27.65 -0.67 0.00
QUENSBRY_115KV_TB8 356137	21.33 0.70 0.00	19.59 0.67 0.00	19.81 0.63 0.00	17.47 0.54 0.00	21.55 0.66 0.00	24.65 0.73 0.00	25.42 0.94 0.00	26.35 1.19 0.00	38.27 2.07 0.00	38.12 2.06 0.00	37.11 1.90 0.00	36.57 1.81 0.00	34.42 1.57 0.00	35.59 1.89 0.00	38.41 1.76 0.00	37.07 1.53 0.00	40.46 1.70 0.00	40.60 1.80 0.00	37.21 1.80 0.00	37.12 1.66 0.00	29.77 1.22 0.00	35.44 1.11 0.00	31.16 0.94 0.00	29.04 0.71 0.00
RAMAPO___LBMP 323565	21.38 0.75 0.00	19.69 0.78 0.00	19.93 0.75 0.00	17.61 0.68 0.00	21.67 0.78 0.00	24.68 0.76 0.00	25.41 0.93 0.00	26.37 1.21 0.00	38.08 1.88 0.00	38.08 2.02 0.00	37.24 2.03 0.00	36.73 1.98 0.00	34.80 1.95 0.00	35.50 1.80 0.00	38.35 1.70 0.00	37.01 1.48 0.00	40.34 1.58 0.00	40.60 1.80 0.00	37.16 1.75 0.00	37.22 1.76 0.00	29.81 1.25 0.00	35.53 1.20 0.00	31.27 1.05 0.00	29.26 0.94 0.00
RANKINE____ 23646	19.70 -0.93 0.00	17.92 -1.00 0.00	18.40 -0.78 0.00	16.23 -0.71 0.00	20.36 -0.53 0.00	23.69 -0.23 0.00	24.36 -0.12 0.00	24.74 -0.43 0.00	35.41 -0.79 0.00	34.99 -1.07 0.00	34.21 -0.99 0.00	34.27 -0.49 0.00	32.83 -0.02 0.00	33.97 0.26 0.00	37.05 0.40 0.00	35.99 0.46 0.00	38.97 0.21 0.00	39.28 0.48 0.00	36.16 0.75 0.00	36.38 0.92 0.00	29.28 0.72 0.00	34.79 0.45 0.00	30.69 0.47 0.00	29.00 0.68 0.00
RAVENSWOOD_GT2_1 24244	21.56 0.93 0.00	19.88 0.96 0.00	20.09 0.90 0.00	17.77 0.84 0.00	21.79 0.90 0.00	24.78 0.86 0.00	25.59 1.11 0.00	26.66 1.49 0.00	38.54 2.34 0.00	38.58 2.52 0.00	37.76 2.56 0.00	37.23 2.47 0.00	35.28 2.44 0.00	35.98 2.27 0.00	38.80 2.16 0.00	37.45 1.92 0.00	40.86 2.10 0.00	41.05 2.24 0.00	37.58 2.16 0.00	37.71 2.25 0.00	30.16 1.60 0.00	35.88 1.54 0.00	31.51 1.29 0.00	29.47 1.15 0.00
RAVENSWOOD_GT2_2 24245	21.56 0.93 0.00	19.88 0.96 0.00	20.09 0.90 0.00	17.77 0.84 0.00	21.79 0.90 0.00	24.78 0.86 0.00	25.59 1.11 0.00	26.66 1.49 0.00	38.54 2.34 0.00	38.58 2.52 0.00	37.76 2.56 0.00	37.23 2.47 0.00	35.28 2.44 0.00	35.98 2.27 0.00	38.80 2.16 0.00	37.45 1.92 0.00	40.86 2.10 0.00	41.05 2.24 0.00	37.58 2.16 0.00	37.71 2.25 0.00	30.16 1.60 0.00	35.88 1.54 0.00	31.51 1.29 0.00	29.47 1.15 0.00
RAVENSWOOD_GT2_3 24246	21.57 0.94 0.00	19.88 0.97 0.00	20.10 0.91 0.00	17.78 0.84 0.00	21.80 0.91 0.00	24.79 0.87 0.00	25.60 1.12 0.00	26.67 1.51 0.00	38.56 2.36 0.00	38.60 2.54 0.00	37.77 2.57 0.00	37.24 2.48 0.00	35.30 2.46 0.00	36.00 2.30 0.00	38.83 2.19 0.00	37.47 1.94 0.00	40.88 2.12 0.00	41.07 2.27 0.00	37.59 2.18 0.00	37.73 2.27 0.00	30.17 1.61 0.00	35.91 1.57 0.00	31.53 1.30 0.00	29.49 1.17 0.00

RAVENSWOOD_GT2_4 24247	21.57 0.94 0.00	19.88 0.97 0.00	20.10 0.91 0.00	17.78 0.84 0.00	21.80 0.91 0.00	24.79 0.87 0.00	25.60 1.12 0.00	26.67 1.51 0.00	38.56 2.36 0.00	38.60 2.54 0.00	37.77 2.57 0.00	37.24 2.48 0.00	35.30 2.46 0.00	36.00 2.30 0.00	38.83 2.19 0.00	37.47 1.94 0.00	40.88 2.12 0.00	41.07 2.27 0.00	37.59 2.18 0.00	37.73 2.27 0.00	30.17 1.61 0.00	35.91 1.57 0.00	31.53 1.30 0.00	29.49 1.17 0.00
RAVENSWOOD_GT3_1 24248	21.56 0.93 0.00	19.88 0.96 0.00	20.09 0.90 0.00	17.77 0.84 0.00	21.79 0.90 0.00	24.78 0.86 0.00	25.59 1.11 0.00	26.66 1.49 0.00	38.54 2.35 0.00	38.58 2.52 0.00	37.76 2.56 0.00	37.23 2.47 0.00	35.28 2.44 0.00	35.98 2.27 0.00	38.81 2.16 0.00	37.46 1.92 0.00	40.87 2.11 0.00	41.06 2.25 0.00	37.58 2.16 0.00	37.71 2.25 0.00	30.16 1.60 0.00	35.88 1.54 0.00	31.52 1.29 0.00	29.47 1.15 0.00
RAVENSWOOD_GT3_2 24249	21.56 0.93 0.00	19.88 0.96 0.00	20.09 0.90 0.00	17.77 0.84 0.00	21.79 0.90 0.00	24.78 0.86 0.00	25.59 1.11 0.00	26.66 1.49 0.00	38.54 2.35 0.00	38.58 2.52 0.00	37.76 2.56 0.00	37.23 2.47 0.00	35.28 2.44 0.00	35.98 2.27 0.00	38.81 2.16 0.00	37.46 1.92 0.00	40.87 2.11 0.00	41.06 2.25 0.00	37.58 2.16 0.00	37.71 2.25 0.00	30.16 1.60 0.00	35.88 1.54 0.00	31.52 1.29 0.00	29.47 1.15 0.00
RAVENSWOOD_GT3_3 24250	21.59 0.96 0.00	19.90 0.99 0.00	20.11 0.93 0.00	17.79 0.86 0.00	21.82 0.93 0.00	24.82 0.90 0.00	25.63 1.15 0.00	26.70 1.53 0.00	38.60 2.40 0.00	38.65 2.59 0.00	37.83 2.62 0.00	37.29 2.53 0.00	35.35 2.50 0.00	36.04 2.34 0.00	38.87 2.23 0.00	37.52 1.99 0.00	40.94 2.17 0.00	41.12 2.31 0.00	37.64 2.22 0.00	37.78 2.32 0.00	30.21 1.65 0.00	35.94 1.61 0.00	31.57 1.34 0.00	29.52 1.20 0.00
RAVENSWOOD_GT3_4 24251	21.59 0.96 0.00	19.90 0.99 0.00	20.11 0.93 0.00	17.79 0.86 0.00	21.82 0.93 0.00	24.82 0.90 0.00	25.63 1.15 0.00	26.70 1.53 0.00	38.60 2.40 0.00	38.65 2.59 0.00	37.83 2.62 0.00	37.29 2.53 0.00	35.35 2.50 0.00	36.04 2.34 0.00	38.87 2.23 0.00	37.52 1.99 0.00	40.94 2.17 0.00	41.12 2.31 0.00	37.64 2.22 0.00	37.78 2.32 0.00	30.21 1.65 0.00	35.94 1.61 0.00	31.57 1.34 0.00	29.52 1.20 0.00
RAVENSWOOD_GT_1 23729	21.61 0.98 0.00	19.92 1.01 0.00	20.13 0.94 0.00	17.81 0.88 0.00	21.82 0.93 0.00	24.82 0.90 0.00	25.65 1.17 0.00	26.73 1.56 0.00	38.63 2.43 0.00	38.68 2.62 0.00	37.86 2.65 0.00	37.35 2.59 0.00	35.40 2.55 0.00	36.09 2.38 0.00	38.89 2.25 0.00	37.55 2.01 0.00	40.96 2.20 0.00	41.15 2.35 0.00	37.68 2.27 0.00	37.82 2.36 0.00	30.24 1.69 0.00	35.96 1.62 0.00	31.59 1.37 0.00	29.56 1.24 0.00
RAVENSWOOD_GT_10 24258	21.56 0.93 0.00	19.88 0.96 0.00	20.09 0.90 0.00	17.77 0.83 0.00	21.79 0.90 0.00	24.78 0.86 0.00	25.59 1.11 0.00	26.66 1.49 0.00	38.54 2.34 0.00	38.58 2.52 0.00	37.76 2.56 0.00	37.22 2.47 0.00	35.28 2.44 0.00	35.98 2.27 0.00	38.80 2.16 0.00	37.45 1.92 0.00	40.87 2.11 0.00	41.05 2.24 0.00	37.57 2.16 0.00	37.71 2.25 0.00	30.16 1.60 0.00	35.88 1.54 0.00	31.51 1.29 0.00	29.47 1.15 0.00
RAVENSWOOD_GT_11 24259	21.56 0.93 0.00	19.88 0.96 0.00	20.09 0.90 0.00	17.77 0.83 0.00	21.79 0.90 0.00	24.78 0.86 0.00	25.59 1.11 0.00	26.66 1.49 0.00	38.54 2.34 0.00	38.58 2.52 0.00	37.76 2.56 0.00	37.22 2.47 0.00	35.28 2.44 0.00	35.98 2.27 0.00	38.80 2.16 0.00	37.45 1.92 0.00	40.87 2.11 0.00	41.05 2.24 0.00	37.57 2.16 0.00	37.71 2.25 0.00	30.16 1.60 0.00	35.88 1.54 0.00	31.51 1.29 0.00	29.47 1.15 0.00
RAVENSWOOD_GT_4 24252	21.56 0.93 0.00	19.88 0.96 0.00	20.09 0.91 0.00	17.77 0.84 0.00	21.80 0.91 0.00	24.79 0.86 0.00	25.60 1.12 0.00	26.66 1.50 0.00	38.55 2.35 0.00	38.58 2.52 0.00	37.76 2.56 0.00	37.22 2.46 0.00	35.28 2.44 0.00	35.97 2.27 0.00	38.81 2.17 0.00	37.45 1.92 0.00	40.87 2.11 0.00	41.05 2.25 0.00	37.58 2.16 0.00	37.71 2.25 0.00	30.16 1.60 0.00	35.89 1.55 0.00	31.51 1.29 0.00	29.47 1.15 0.00
RAVENSWOOD_GT_5 24254	21.56 0.93 0.00	19.88 0.96 0.00	20.09 0.91 0.00	17.77 0.84 0.00	21.80 0.91 0.00	24.79 0.86 0.00	25.60 1.12 0.00	26.66 1.50 0.00	38.55 2.35 0.00	38.58 2.52 0.00	37.76 2.56 0.00	37.22 2.46 0.00	35.28 2.44 0.00	35.97 2.27 0.00	38.81 2.17 0.00	37.45 1.92 0.00	40.87 2.11 0.00	41.05 2.25 0.00	37.58 2.16 0.00	37.71 2.25 0.00	30.16 1.60 0.00	35.89 1.55 0.00	31.51 1.29 0.00	29.47 1.15 0.00
RAVENSWOOD_GT_6 24253	21.56 0.93 0.00	19.88 0.96 0.00	20.09 0.91 0.00	17.77 0.84 0.00	21.80 0.91 0.00	24.79 0.86 0.00	25.60 1.12 0.00	26.66 1.50 0.00	38.55 2.35 0.00	38.58 2.52 0.00	37.76 2.56 0.00	37.22 2.46 0.00	35.28 2.44 0.00	35.97 2.27 0.00	38.81 2.17 0.00	37.45 1.92 0.00	40.87 2.11 0.00	41.05 2.25 0.00	37.58 2.16 0.00	37.71 2.25 0.00	30.16 1.60 0.00	35.89 1.55 0.00	31.51 1.29 0.00	29.47 1.15 0.00
RAVENSWOOD_GT_7 24255	21.56 0.93 0.00	19.88 0.96 0.00	20.09 0.91 0.00	17.77 0.84 0.00	21.80 0.91 0.00	24.79 0.86 0.00	25.60 1.12 0.00	26.66 1.50 0.00	38.55 2.35 0.00	38.58 2.52 0.00	37.76 2.56 0.00	37.22 2.46 0.00	35.28 2.44 0.00	35.97 2.27 0.00	38.81 2.17 0.00	37.45 1.92 0.00	40.87 2.11 0.00	41.05 2.25 0.00	37.58 2.16 0.00	37.71 2.25 0.00	30.16 1.60 0.00	35.89 1.55 0.00	31.51 1.29 0.00	29.47 1.15 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.56 0.93 0.00	19.88 0.96 0.00	20.09 0.90 0.00	17.77 0.83 0.00	21.79 0.90 0.00	24.78 0.86 0.00	25.59 1.11 0.00	26.66 1.49 0.00	38.54 2.34 0.00	38.58 2.52 0.00	37.76 2.56 0.00	37.22 2.47 0.00	35.28 2.44 0.00	35.98 2.27 0.00	38.80 2.16 0.00	37.45 1.92 0.00	40.87 2.11 0.00	41.05 2.24 0.00	37.57 2.16 0.00	37.71 2.25 0.00	30.16 1.60 0.00	35.88 1.54 0.00	31.51 1.29 0.00	29.47 1.15 0.00
RAVENSWOOD_GT_9 24257	21.56 0.93 0.00	19.88 0.96 0.00	20.09 0.90 0.00	17.77 0.83 0.00	21.79 0.90 0.00	24.78 0.86 0.00	25.59 1.11 0.00	26.66 1.49 0.00	38.54 2.34 0.00	38.58 2.52 0.00	37.76 2.56 0.00	37.22 2.47 0.00	35.28 2.44 0.00	35.98 2.27 0.00	38.80 2.16 0.00	37.45 1.92 0.00	40.87 2.11 0.00	41.05 2.24 0.00	37.57 2.16 0.00	37.71 2.25 0.00	30.16 1.60 0.00	35.88 1.54 0.00	31.51 1.29 0.00	29.47 1.15 0.00
RAVENSWOOD____1 23533	21.57 0.94 0.00	19.89 0.97 0.00	20.09 0.91 0.00	17.78 0.85 0.00	21.78 0.89 0.00	24.78 0.86 0.00	25.61 1.13 0.00	26.68 1.51 0.00	38.55 2.35 0.00	38.61 2.56 0.00	37.79 2.58 0.00	37.27 2.51 0.00	35.31 2.46 0.00	36.02 2.31 0.00	38.81 2.17 0.00	37.49 1.95 0.00	40.88 2.12 0.00	41.08 2.27 0.00	37.61 2.19 0.00	37.74 2.28 0.00	30.18 1.62 0.00	35.89 1.56 0.00	31.54 1.32 0.00	29.52 1.19 0.00

RAVENSWOOD___2 23534	21.57 0.94 0.00	19.89 0.97 0.00	20.09 0.91 0.00	17.78 0.85 0.00	21.78 0.89 0.00	24.78 0.86 0.00	25.61 1.13 0.00	26.68 1.51 0.00	38.55 2.35 0.00	38.61 2.56 0.00	37.79 2.58 0.00	37.27 2.51 0.00	35.31 2.46 0.00	36.02 2.31 0.00	38.81 2.17 0.00	37.49 1.95 0.00	40.88 2.12 0.00	41.08 2.27 0.00	37.61 2.19 0.00	37.74 2.28 0.00	30.18 1.62 0.00	35.89 1.56 0.00	31.54 1.32 0.00	29.52 1.19 0.00
RAVENSWOOD___3 23535	21.56 0.93 0.00	19.88 0.96 0.00	20.09 0.91 0.00	17.77 0.84 0.00	21.79 0.90 0.00	24.78 0.86 0.00	25.60 1.12 0.00	26.66 1.49 0.00	38.54 2.34 0.00	38.59 2.53 0.00	37.76 2.56 0.00	37.24 2.48 0.00	35.29 2.44 0.00	35.98 2.28 0.00	38.81 2.16 0.00	37.46 1.92 0.00	40.87 2.10 0.00	41.05 2.24 0.00	37.58 2.16 0.00	37.72 2.25 0.00	30.16 1.60 0.00	35.88 1.54 0.00	31.52 1.30 0.00	29.48 1.16 0.00
RAVENSWOOD___4 23820	21.57 0.94 0.00	19.89 0.97 0.00	20.09 0.91 0.00	17.78 0.85 0.00	21.78 0.89 0.00	24.78 0.86 0.00	25.61 1.13 0.00	26.68 1.51 0.00	38.55 2.35 0.00	38.61 2.56 0.00	37.79 2.58 0.00	37.27 2.51 0.00	35.31 2.46 0.00	36.02 2.31 0.00	38.81 2.17 0.00	37.49 1.95 0.00	40.88 2.12 0.00	41.08 2.27 0.00	37.61 2.19 0.00	37.74 2.28 0.00	30.18 1.62 0.00	35.89 1.56 0.00	31.54 1.32 0.00	29.52 1.19 0.00
RCPI_TRUST___DRP 24196	21.58 0.95 0.00	19.90 0.98 0.00	20.11 0.93 0.00	17.79 0.86 0.00	21.82 0.93 0.00	24.81 0.88 0.00	25.62 1.14 0.00	26.70 1.53 0.00	38.62 2.42 0.00	38.67 2.61 0.00	37.84 2.63 0.00	37.30 2.54 0.00	35.36 2.52 0.00	36.05 2.34 0.00	38.88 2.24 0.00	37.52 1.99 0.00	40.93 2.17 0.00	41.11 2.31 0.00	37.63 2.21 0.00	37.76 2.30 0.00	30.19 1.64 0.00	35.91 1.58 0.00	31.54 1.31 0.00	29.50 1.17 0.00
RED___ROCHESTER 323720	19.98 -0.65 0.00	18.19 -0.72 0.00	18.60 -0.58 0.00	16.42 -0.51 0.00	20.52 -0.37 0.00	23.77 -0.15 0.00	24.41 -0.07 0.00	24.94 -0.22 0.00	35.75 -0.45 0.00	35.43 -0.63 0.00	34.61 -0.60 0.00	34.41 -0.35 0.00	32.80 -0.05 0.00	33.81 0.11 0.00	36.83 0.19 0.00	35.84 0.30 0.00	38.97 0.20 0.00	39.18 0.38 0.00	35.97 0.56 0.00	36.07 0.61 0.00	29.03 0.47 0.00	34.52 0.18 0.00	30.34 0.12 0.00	28.58 0.25 0.00
REGAN___SOLAR 323812	22.34 1.71 0.00	20.40 1.49 0.00	20.75 1.56 0.00	18.27 1.35 0.00	22.66 1.77 0.00	26.12 2.19 0.00	26.94 2.46 0.00	27.90 2.74 0.00	40.15 3.95 0.00	39.95 3.89 0.00	38.96 3.75 0.00	38.65 3.89 0.00	36.59 3.74 0.00	37.70 4.00 0.00	40.58 3.94 0.00	39.35 3.81 0.00	43.25 4.49 0.00	43.49 4.69 0.00	39.87 4.46 0.00	40.07 4.61 0.00	32.15 3.60 0.00	38.49 4.15 0.00	33.69 3.47 0.00	31.43 3.10 0.00
RENSSELAER___COGEN 23796	21.17 0.54 0.00	19.49 0.58 0.00	19.73 0.55 0.00	17.43 0.51 0.00	21.44 0.55 0.00	24.46 0.54 0.00	25.04 0.57 0.00	25.65 0.49 0.00	36.89 0.69 0.00	36.80 0.74 0.00	35.93 0.73 0.00	35.42 0.66 0.00	33.20 0.35 0.00	33.94 0.24 0.00	36.80 0.16 0.00	35.71 0.17 0.00	38.97 0.21 0.00	39.07 0.27 0.00	35.77 0.36 0.00	35.80 0.33 0.00	28.73 0.17 0.00	34.36 0.03 0.00	30.23 0.00 0.00	28.27 -0.05 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.05 1.42 0.00	20.24 1.33 0.00	20.43 1.25 0.00	17.99 1.06 0.00	22.22 1.33 0.00	25.40 1.48 0.00	26.31 1.83 0.00	27.44 2.28 0.00	40.23 4.03 0.00	39.98 3.92 0.00	38.75 3.55 0.00	38.09 3.33 0.00	35.64 2.79 0.00	37.47 3.77 0.00	40.52 3.87 0.00	38.82 3.28 0.00	42.41 3.64 0.00	42.59 3.78 0.00	39.02 3.61 0.00	38.72 3.26 0.00	31.03 2.47 0.00	36.68 2.35 0.00	32.40 2.18 0.00	30.08 1.75 0.00
REVERE_CPPR_DRP 24186	21.04 0.41 0.00	19.21 0.29 0.00	19.51 0.33 0.00	17.21 0.28 0.00	21.29 0.39 0.00	24.48 0.56 0.00	25.24 0.77 0.00	25.99 0.83 0.00	37.38 1.29 0.11	37.43 1.37 0.00	36.49 1.28 0.00	35.83 1.39 0.32	34.12 1.27 0.00	34.84 1.13 0.00	37.48 0.84 0.00	36.42 0.89 0.00	40.03 1.27 0.00	40.53 1.73 0.00	36.97 1.56 0.00	36.94 1.47 0.00	29.93 1.37 0.00	35.89 1.55 0.00	31.50 1.28 0.00	29.53 1.21 0.00
REYNOLDS_115KV_TB3 80639	21.21 0.59 0.00	19.53 0.62 0.00	19.77 0.58 0.00	17.47 0.53 0.00	21.49 0.60 0.00	24.50 0.58 0.00	25.09 0.61 0.00	25.79 0.62 0.00	37.15 0.95 0.00	37.06 1.00 0.00	36.18 0.97 0.00	35.64 0.88 0.00	33.38 0.54 0.00	34.12 0.41 0.00	37.00 0.36 0.00	35.89 0.36 0.00	39.17 0.41 0.00	39.26 0.46 0.00	35.97 0.55 0.00	35.97 0.51 0.00	28.88 0.32 0.00	34.54 0.21 0.00	30.38 0.16 0.00	28.43 0.10 0.00
RIVERBAY____ 323610	21.63 1.00 0.00	19.97 1.05 0.00	20.19 1.00 0.00	17.86 0.93 0.00	21.88 0.99 0.00	24.96 1.04 0.00	25.81 1.33 0.00	26.91 1.75 0.00	38.83 2.63 0.00	38.88 2.82 0.00	38.05 2.84 0.00	37.51 2.75 0.00	35.56 2.71 0.00	36.21 2.51 0.00	39.05 2.41 0.00	37.72 2.18 0.00	41.15 2.39 0.00	41.33 2.53 0.00	37.82 2.41 0.00	38.01 2.54 0.00	30.39 1.83 0.00	36.11 1.78 0.00	31.77 1.55 0.00	29.76 1.44 0.00
RIVERSDE_115KV_TB3 55908	21.21 0.58 0.00	19.53 0.62 0.00	19.77 0.58 0.00	17.47 0.54 0.00	21.48 0.59 0.00	24.51 0.59 0.00	25.09 0.61 0.00	25.74 0.57 0.00	37.04 0.84 0.00	36.95 0.89 0.00	36.09 0.88 0.00	35.56 0.80 0.00	33.33 0.48 0.00	34.06 0.36 0.00	36.95 0.30 0.00	35.85 0.31 0.00	39.11 0.34 0.00	39.21 0.40 0.00	35.90 0.49 0.00	35.93 0.46 0.00	28.83 0.28 0.00	34.47 0.15 0.00	30.32 0.10 0.00	28.36 0.04 0.00
ROARING___BROOK_WT_PWR 323790	20.17 -0.45 0.00	18.38 -0.54 0.00	18.68 -0.50 0.00	16.42 -0.51 0.00	20.21 -0.68 0.00	23.12 -0.80 0.00	23.62 -0.86 0.00	24.21 -0.95 0.00	28.58 -1.38 6.25	34.80 -1.26 0.00	33.95 -1.25 0.00	15.52 -1.14 18.10	31.96 -0.89 0.00	32.64 -1.07 0.00	35.36 -1.28 0.00	34.44 -1.10 0.00	37.95 -0.82 0.00	38.33 -0.47 0.00	34.77 -0.65 0.00	34.84 -0.63 0.00	28.28 -0.28 0.00	34.22 -0.11 0.00	30.14 -0.08 0.00	28.25 -0.07 0.00
ROCHESRG_115KV_T4 355643	19.79 -0.83 0.00	18.03 -0.89 0.00	18.44 -0.74 0.00	16.28 -0.65 0.00	20.34 -0.55 0.00	23.54 -0.38 0.00	24.18 -0.29 0.00	24.67 -0.50 0.00	35.35 -0.85 0.00	35.01 -1.05 0.00	34.19 -1.01 0.00	34.00 -0.76 0.00	32.40 -0.45 0.00	33.41 -0.29 0.00	36.38 -0.26 0.00	35.39 -0.14 0.00	38.49 -0.27 0.00	38.69 -0.12 0.00	35.53 0.12 0.00	35.65 0.19 0.00	28.69 0.13 0.00	34.13 -0.20 0.00	30.03 -0.20 0.00	28.30 -0.02 0.00
ROCHESTER_9_IC 23652	19.90 -0.73 0.00	18.12 -0.79 0.00	18.53 -0.65 0.00	16.36 -0.56 0.00	20.44 -0.45 0.00	23.67 -0.25 0.00	24.33 -0.15 0.00	24.82 -0.34 0.00	35.58 -0.62 0.00	35.25 -0.81 0.00	34.43 -0.78 0.00	34.23 -0.53 0.00	32.62 -0.23 0.00	33.65 -0.06 0.00	36.63 -0.01 0.00	35.64 0.10 0.00	38.76 -0.01 0.00	38.96 0.16 0.00	35.78 0.36 0.00	35.90 0.43 0.00	28.88 0.33 0.00	34.34 0.01 0.00	30.22 -0.01 0.00	28.47 0.15 0.00

ROCKVIEW_13_KV_LD 356306	21.60 0.97 0.00	19.91 1.00 0.00	20.14 0.95 0.00	17.80 0.87 0.00	21.86 0.97 0.00	24.88 0.96 0.00	25.68 1.20 0.00	26.70 1.54 0.00	38.57 2.37 0.00	38.59 2.53 0.00	37.76 2.56 0.00	37.23 2.48 0.00	35.28 2.44 0.00	35.98 2.28 0.00	38.84 2.20 0.00	37.52 1.98 0.00	40.91 2.15 0.00	41.14 2.34 0.00	37.66 2.25 0.00	37.77 2.31 0.00	30.21 1.65 0.00	35.97 1.64 0.00	31.60 1.37 0.00	29.53 1.21 0.00
ROME____115KV_TB2 80656	21.04 0.41 0.00	19.21 0.29 0.00	19.51 0.33 0.00	17.21 0.28 0.00	21.29 0.39 0.00	24.48 0.56 0.00	25.24 0.77 0.00	25.99 0.83 0.00	37.38 1.29 0.11	37.43 1.37 0.00	36.49 1.28 0.00	35.83 1.39 0.32	34.12 1.27 0.00	34.84 1.13 0.00	37.48 0.84 0.00	36.42 0.89 0.00	40.03 1.27 0.00	40.53 1.73 0.00	36.97 1.56 0.00	36.94 1.47 0.00	29.93 1.37 0.00	35.89 1.55 0.00	31.50 1.28 0.00	29.53 1.21 0.00
ROSETON___1 23587	21.36 0.73 0.00	19.68 0.76 0.00	19.92 0.74 0.00	17.60 0.67 0.00	21.64 0.75 0.00	24.64 0.72 0.00	25.36 0.89 0.00	26.30 1.13 0.00	37.99 1.79 0.00	37.96 1.90 0.00	37.11 1.90 0.00	36.58 1.82 0.00	34.61 1.76 0.00	35.31 1.61 0.00	38.13 1.49 0.00	36.83 1.30 0.00	40.16 1.40 0.00	40.37 1.57 0.00	36.95 1.54 0.00	37.03 1.57 0.00	29.65 1.09 0.00	35.38 1.05 0.00	31.15 0.93 0.00	29.15 0.83 0.00
ROSETON___2 23588	21.36 0.73 0.00	19.68 0.76 0.00	19.92 0.74 0.00	17.60 0.67 0.00	21.64 0.75 0.00	24.64 0.72 0.00	25.36 0.89 0.00	26.30 1.13 0.00	37.99 1.79 0.00	37.96 1.90 0.00	37.11 1.90 0.00	36.58 1.82 0.00	34.61 1.76 0.00	35.31 1.61 0.00	38.13 1.49 0.00	36.83 1.30 0.00	40.16 1.40 0.00	40.37 1.57 0.00	36.95 1.54 0.00	37.03 1.57 0.00	29.65 1.09 0.00	35.38 1.05 0.00	31.15 0.93 0.00	29.15 0.83 0.00
ROTTDAM_115KV_TB3 80664	21.14 0.51 0.00	19.42 0.51 0.00	19.68 0.50 0.00	17.37 0.44 0.00	21.42 0.52 0.00	24.48 0.56 0.00	25.14 0.66 0.00	25.95 0.78 0.00	37.42 1.22 0.00	37.30 1.24 0.00	36.41 1.20 0.00	35.93 1.18 0.00	33.88 1.03 0.00	34.72 1.02 0.00	37.59 0.95 0.00	36.42 0.89 0.00	39.75 0.99 0.00	39.87 1.07 0.00	36.48 1.07 0.00	36.51 1.05 0.00	29.33 0.77 0.00	35.10 0.76 0.00	30.86 0.64 0.00	28.86 0.54 0.00
RUSSELL___1 23602	19.98 -0.65 0.00	18.19 -0.73 0.00	18.60 -0.58 0.00	16.42 -0.51 0.00	20.52 -0.37 0.00	23.76 -0.15 0.00	24.43 -0.05 0.00	24.93 -0.23 0.00	35.74 -0.46 0.00	35.43 -0.63 0.00	34.60 -0.61 0.00	34.40 -0.36 0.00	32.78 -0.07 0.00	33.81 0.11 0.00	36.81 0.17 0.00	35.81 0.27 0.00	38.94 0.18 0.00	39.15 0.35 0.00	35.96 0.55 0.00	36.07 0.61 0.00	29.03 0.47 0.00	34.51 0.17 0.00	30.34 0.12 0.00	28.58 0.26 0.00
RUSSELL___2 23532	19.98 -0.65 0.00	18.19 -0.73 0.00	18.60 -0.58 0.00	16.42 -0.51 0.00	20.52 -0.37 0.00	23.76 -0.15 0.00	24.43 -0.05 0.00	24.93 -0.23 0.00	35.74 -0.46 0.00	35.43 -0.63 0.00	34.60 -0.61 0.00	34.40 -0.36 0.00	32.78 -0.07 0.00	33.81 0.11 0.00	36.81 0.17 0.00	35.81 0.27 0.00	38.94 0.18 0.00	39.15 0.35 0.00	35.96 0.55 0.00	36.07 0.61 0.00	29.03 0.47 0.00	34.51 0.17 0.00	30.34 0.12 0.00	28.58 0.26 0.00
RUSSELL___3 23549	19.98 -0.65 0.00	18.19 -0.73 0.00	18.60 -0.58 0.00	16.42 -0.51 0.00	20.52 -0.37 0.00	23.76 -0.15 0.00	24.43 -0.05 0.00	24.93 -0.23 0.00	35.74 -0.46 0.00	35.43 -0.63 0.00	34.60 -0.61 0.00	34.40 -0.36 0.00	32.78 -0.07 0.00	33.81 0.11 0.00	36.81 0.17 0.00	35.81 0.27 0.00	38.94 0.18 0.00	39.15 0.35 0.00	35.96 0.55 0.00	36.07 0.61 0.00	29.03 0.47 0.00	34.51 0.17 0.00	30.34 0.12 0.00	28.58 0.26 0.00
RUSSELL___4 23556	19.98 -0.65 0.00	18.19 -0.73 0.00	18.60 -0.58 0.00	16.42 -0.51 0.00	20.52 -0.37 0.00	23.76 -0.15 0.00	24.43 -0.05 0.00	24.93 -0.23 0.00	35.74 -0.46 0.00	35.43 -0.63 0.00	34.60 -0.61 0.00	34.40 -0.36 0.00	32.78 -0.07 0.00	33.81 0.11 0.00	36.81 0.17 0.00	35.81 0.27 0.00	38.94 0.18 0.00	39.15 0.35 0.00	35.96 0.55 0.00	36.07 0.61 0.00	29.03 0.47 0.00	34.51 0.17 0.00	30.34 0.12 0.00	28.58 0.26 0.00
RUSSELL___STATION 23914	19.98 -0.65 0.00	18.19 -0.73 0.00	18.60 -0.58 0.00	16.42 -0.51 0.00	20.52 -0.37 0.00	23.76 -0.15 0.00	24.43 -0.05 0.00	24.93 -0.23 0.00	35.74 -0.46 0.00	35.43 -0.63 0.00	34.60 -0.61 0.00	34.40 -0.36 0.00	32.78 -0.07 0.00	33.81 0.11 0.00	36.81 0.17 0.00	35.81 0.27 0.00	38.94 0.18 0.00	39.15 0.35 0.00	35.96 0.55 0.00	36.07 0.61 0.00	29.03 0.47 0.00	34.51 0.17 0.00	30.34 0.12 0.00	28.58 0.26 0.00
S SALMON___HYD 24043	19.83 -0.80 0.00	18.08 -0.83 0.00	18.39 -0.79 0.00	16.22 -0.71 0.00	20.03 -0.86 0.00	23.05 -0.87 0.00	23.70 -0.78 0.00	24.37 -0.80 0.00	34.75 -1.17 0.27	34.93 -1.13 0.00	34.01 -1.20 0.00	33.03 -0.93 0.80	32.02 -0.83 0.00	32.70 -1.00 0.00	35.47 -1.18 0.00	34.59 -0.94 0.00	38.13 -0.63 0.00	38.60 -0.20 0.00	35.33 -0.08 0.00	35.25 -0.21 0.00	28.42 -0.14 0.00	34.00 -0.33 0.00	29.89 -0.33 0.00	28.07 -0.25 0.00
S.PERRY__115KV_TB1 80734	20.26 -0.37 0.00	18.51 -0.41 0.00	18.95 -0.24 0.00	16.69 -0.24 0.00	20.79 -0.10 0.00	24.10 0.18 0.00	24.90 0.42 0.00	25.54 0.37 0.00	36.77 0.57 0.00	36.45 0.39 0.00	35.74 0.53 0.00	35.06 0.30 0.00	33.42 0.57 0.00	34.50 0.80 0.00	38.25 1.61 0.00	36.43 0.90 0.00	39.93 1.16 0.00	40.34 1.54 0.00	37.09 1.67 0.00	37.44 1.98 0.00	30.29 1.74 0.00	36.13 1.80 0.00	31.86 1.64 0.00	29.90 1.58 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.54 -1.09 0.00	17.75 -1.17 0.00	18.25 -0.94 0.00	16.10 -0.83 0.00	20.22 -0.67 0.00	23.52 -0.41 0.00	24.13 -0.35 0.00	24.51 -0.66 0.00	35.01 -1.19 0.00	34.56 -1.50 0.00	33.77 -1.43 0.00	33.80 -0.95 0.00	32.39 -0.46 0.00	33.47 -0.23 0.00	36.51 -0.13 0.00	35.53 0.00 0.00	38.51 -0.26 0.00	38.76 -0.04 0.00	35.70 0.28 0.00	35.89 0.43 0.00	28.89 0.34 0.00	34.29 -0.04 0.00	30.26 0.04 0.00	28.62 0.30 0.00
SAWYER___23_KV_LOAD 55526	19.54 -1.09 0.00	17.75 -1.17 0.00	18.25 -0.94 0.00	16.10 -0.83 0.00	20.22 -0.67 0.00	23.52 -0.41 0.00	24.13 -0.35 0.00	24.51 -0.66 0.00	35.01 -1.19 0.00	34.56 -1.50 0.00	33.77 -1.43 0.00	33.80 -0.95 0.00	32.39 -0.46 0.00	33.47 -0.23 0.00	36.51 -0.13 0.00	35.53 0.00 0.00	38.51 -0.26 0.00	38.76 -0.04 0.00	35.70 0.28 0.00	35.89 0.43 0.00	28.89 0.34 0.00	34.29 -0.04 0.00	30.26 0.04 0.00	28.62 0.30 0.00
SELKIRK___I 23801	21.24 0.61 0.00	19.54 0.62 0.00	19.80 0.61 0.00	17.48 0.55 0.00	21.52 0.63 0.00	24.57 0.65 0.00	25.17 0.69 0.00	25.84 0.67 0.00	37.18 0.98 0.00	37.05 0.99 0.00	36.18 0.98 0.00	35.67 0.91 0.00	33.48 0.64 0.00	34.27 0.56 0.00	37.17 0.52 0.00	36.04 0.50 0.00	39.33 0.57 0.00	39.44 0.64 0.00	36.10 0.69 0.00	36.16 0.70 0.00	29.02 0.46 0.00	34.74 0.40 0.00	30.55 0.32 0.00	28.60 0.27 0.00

SELKIRK___II 23799	21.15 0.52 0.00	19.46 0.54 0.00	19.71 0.52 0.00	17.41 0.48 0.00	21.42 0.53 0.00	24.45 0.53 0.00	25.05 0.58 0.00	25.74 0.57 0.00	37.04 0.84 0.00	36.94 0.89 0.00	36.09 0.88 0.00	35.57 0.81 0.00	33.41 0.56 0.00	34.16 0.45 0.00	37.06 0.42 0.00	35.92 0.39 0.00	39.20 0.44 0.00	39.32 0.52 0.00	35.98 0.57 0.00	36.02 0.56 0.00	28.91 0.35 0.00	34.59 0.26 0.00	30.43 0.21 0.00	28.47 0.15 0.00
SENECA OSWGO___HYD 24041	20.01 -0.62 0.00	18.31 -0.61 0.00	18.61 -0.57 0.00	16.43 -0.50 0.00	20.32 -0.57 0.00	23.35 -0.57 0.00	23.96 -0.52 0.00	24.60 -0.57 0.00	35.34 -0.86 0.00	35.16 -0.90 0.00	34.33 -0.88 0.00	33.96 -0.79 0.00	32.15 -0.70 0.00	32.96 -0.75 0.00	35.77 -0.88 0.00	34.80 -0.73 0.00	37.99 -0.77 0.00	38.16 -0.64 0.00	34.92 -0.49 0.00	34.97 -0.49 0.00	28.16 -0.40 0.00	33.67 -0.66 0.00	29.62 -0.60 0.00	27.82 -0.50 0.00
SENECA___115KV_TB3 355854	19.73 -0.90 0.00	17.94 -0.97 0.00	18.43 -0.75 0.00	16.25 -0.68 0.00	20.39 -0.50 0.00	23.72 -0.20 0.00	24.40 -0.08 0.00	24.78 -0.39 0.00	35.47 -0.73 0.00	35.05 -1.01 0.00	34.28 -0.93 0.00	34.33 -0.43 0.00	32.89 0.04 0.00	34.03 0.32 0.00	37.11 0.47 0.00	36.05 0.52 0.00	39.02 0.26 0.00	39.34 0.54 0.00	36.22 0.81 0.00	36.45 0.99 0.00	29.33 0.77 0.00	34.85 0.51 0.00	30.75 0.52 0.00	29.05 0.73 0.00
SENECA___ENERGY 23797	20.02 -0.61 0.00	18.31 -0.61 0.00	18.69 -0.49 0.00	16.47 -0.46 0.00	20.43 -0.46 0.00	23.60 -0.32 0.00	24.31 -0.17 0.00	24.94 -0.23 0.00	35.77 -0.43 0.00	35.51 -0.55 0.00	34.75 -0.46 0.00	34.39 -0.37 0.00	32.54 -0.31 0.00	33.48 -0.23 0.00	36.66 0.01 0.00	35.46 -0.07 0.00	38.58 -0.18 0.00	38.86 0.05 0.00	35.56 0.15 0.00	35.77 0.31 0.00	28.81 0.26 0.00	34.37 0.03 0.00	30.23 0.01 0.00	28.48 0.15 0.00
SHOEMAKER___GT 23640	21.29 0.66 0.00	19.59 0.68 0.00	19.84 0.66 0.00	17.53 0.60 0.00	21.57 0.68 0.00	24.60 0.68 0.00	25.32 0.84 0.00	26.22 1.06 0.00	37.86 1.66 0.00	37.82 1.76 0.00	36.98 1.78 0.00	36.48 1.72 0.00	34.52 1.67 0.00	35.22 1.52 0.00	38.09 1.44 0.00	36.82 1.29 0.00	40.14 1.38 0.00	40.36 1.56 0.00	36.94 1.52 0.00	37.01 1.55 0.00	29.65 1.10 0.00	35.40 1.06 0.00	31.17 0.94 0.00	29.16 0.84 0.00
SHOEMAKR_138KV_BK 111 55601	21.29 0.66 0.00	19.59 0.67 0.00	19.84 0.65 0.00	17.52 0.59 0.00	21.57 0.68 0.00	24.59 0.67 0.00	25.31 0.83 0.00	26.21 1.04 0.00	37.85 1.65 0.00	37.81 1.75 0.00	36.97 1.77 0.00	36.46 1.70 0.00	34.50 1.65 0.00	35.21 1.51 0.00	38.09 1.44 0.00	36.81 1.27 0.00	40.13 1.37 0.00	40.35 1.54 0.00	36.93 1.51 0.00	36.99 1.53 0.00	29.64 1.08 0.00	35.38 1.05 0.00	31.15 0.92 0.00	29.15 0.83 0.00
SHOREHAM_IC_1 23715	21.86 1.23 0.00	20.09 1.17 0.00	20.29 1.10 0.00	17.92 0.99 0.00	22.03 1.14 0.00	25.14 1.22 0.00	26.40 1.92 0.00	27.13 1.96 0.00	38.04 1.83 0.00	38.20 2.14 0.00	38.31 2.27 -0.84	37.21 2.26 -0.19	35.11 2.26 0.00	35.42 1.72 0.00	38.47 1.83 0.00	37.28 1.75 0.00	40.57 1.81 0.00	41.01 2.20 -0.01	38.55 2.45 -0.69	44.64 2.40 -6.77	34.54 1.55 -4.43	36.23 1.73 -0.16	31.53 1.30 0.00	29.37 1.05 0.00
SHOREHAM_IC_2 23716	21.86 1.23 0.00	20.09 1.17 0.00	20.29 1.10 0.00	17.92 0.99 0.00	22.03 1.14 0.00	25.14 1.22 0.00	26.40 1.92 0.00	27.13 1.96 0.00	38.04 1.83 0.00	38.20 2.14 0.00	38.31 2.27 -0.84	37.21 2.26 -0.19	35.11 2.26 0.00	35.42 1.72 0.00	38.47 1.83 0.00	37.28 1.75 0.00	40.57 1.81 0.00	41.01 2.20 -0.01	38.55 2.45 -0.69	44.64 2.40 -6.77	34.54 1.55 -4.43	36.23 1.73 -0.16	31.53 1.30 0.00	29.37 1.05 0.00
SISSONVILLE____ 23735	20.30 -0.33 0.00	18.49 -0.43 0.00	18.68 -0.50 0.00	16.48 -0.45 0.00	20.35 -0.54 0.00	24.36 -0.58 -1.01	27.79 -0.92 -4.23	30.45 -1.03 -6.31	38.99 -1.55 -4.34	42.52 -1.51 -7.97	41.33 -1.59 -7.71	31.00 -1.47 2.29	38.88 -1.12 -7.15	39.78 -1.18 -7.26	43.33 -1.13 -7.82	42.24 -0.94 -7.64	45.92 -0.91 -8.07	45.66 -1.16 -8.02	42.06 -0.91 -7.55	37.67 -0.83 -3.04	28.03 -0.53 0.00	38.82 -0.49 -4.98	36.62 -0.47 -6.87	34.64 -0.31 -6.63
SITHE_IND_GS1 24169	19.84 -0.79 0.00	18.17 -0.74 0.00	18.46 -0.72 0.00	16.30 -0.64 0.00	20.14 -0.74 0.00	23.13 -0.79 0.00	23.70 -0.78 0.00	24.30 -0.87 0.00	34.91 -1.30 0.00	34.73 -1.33 0.00	33.92 -1.28 0.00	33.55 -1.21 0.00	31.75 -1.10 0.00	32.59 -1.11 0.00	35.41 -1.23 0.00	34.38 -1.16 0.00	37.51 -1.26 0.00	37.65 -1.16 0.00	34.42 -1.00 0.00	34.47 -0.99 0.00	27.76 -0.80 0.00	33.23 -1.10 0.00	29.24 -0.98 0.00	27.52 -0.80 0.00
SITHE_IND_GS2 24170	19.84 -0.79 0.00	18.17 -0.74 0.00	18.46 -0.72 0.00	16.30 -0.64 0.00	20.14 -0.74 0.00	23.13 -0.79 0.00	23.70 -0.78 0.00	24.30 -0.87 0.00	34.91 -1.30 0.00	34.73 -1.33 0.00	33.92 -1.28 0.00	33.55 -1.21 0.00	31.75 -1.10 0.00	32.59 -1.11 0.00	35.41 -1.23 0.00	34.38 -1.16 0.00	37.51 -1.26 0.00	37.65 -1.16 0.00	34.42 -1.00 0.00	34.47 -0.99 0.00	27.76 -0.80 0.00	33.23 -1.10 0.00	29.24 -0.98 0.00	27.52 -0.80 0.00
SITHE_IND_GS3 24171	19.84 -0.79 0.00	18.17 -0.74 0.00	18.46 -0.72 0.00	16.30 -0.64 0.00	20.14 -0.74 0.00	23.13 -0.79 0.00	23.70 -0.78 0.00	24.30 -0.87 0.00	34.91 -1.30 0.00	34.73 -1.33 0.00	33.92 -1.28 0.00	33.55 -1.21 0.00	31.75 -1.10 0.00	32.59 -1.11 0.00	35.41 -1.23 0.00	34.38 -1.16 0.00	37.51 -1.26 0.00	37.65 -1.16 0.00	34.42 -1.00 0.00	34.47 -0.99 0.00	27.76 -0.80 0.00	33.23 -1.10 0.00	29.24 -0.98 0.00	27.52 -0.80 0.00
SITHE_IND_GS4 24172	19.84 -0.79 0.00	18.17 -0.74 0.00	18.46 -0.72 0.00	16.30 -0.64 0.00	20.14 -0.74 0.00	23.13 -0.79 0.00	23.70 -0.78 0.00	24.30 -0.87 0.00	34.91 -1.30 0.00	34.73 -1.33 0.00	33.92 -1.28 0.00	33.55 -1.21 0.00	31.75 -1.10 0.00	32.59 -1.11 0.00	35.41 -1.23 0.00	34.38 -1.16 0.00	37.51 -1.26 0.00	37.65 -1.16 0.00	34.42 -1.00 0.00	34.47 -0.99 0.00	27.76 -0.80 0.00	33.23 -1.10 0.00	29.24 -0.98 0.00	27.52 -0.80 0.00
SITHE___BATAVIA 24024	20.09 -0.54 0.00	18.24 -0.67 0.00	18.73 -0.45 0.00	16.52 -0.41 0.00	20.74 -0.15 0.00	24.11 0.19 0.00	24.76 0.28 0.00	25.28 0.12 0.00	36.17 -0.03 0.00	35.75 -0.31 0.00	34.93 -0.28 0.00	34.84 0.08 0.00	33.31 0.46 0.00	34.47 0.77 0.00	37.53 0.88 0.00	36.53 0.99 0.00	39.64 0.88 0.00	39.89 1.09 0.00	36.72 1.30 0.00	36.87 1.41 0.00	29.66 1.10 0.00	35.15 0.82 0.00	30.93 0.70 0.00	29.21 0.89 0.00
SITHE___INDEPEND 23800	19.84 -0.79 0.00	18.17 -0.74 0.00	18.46 -0.72 0.00	16.29 -0.64 0.00	20.14 -0.74 0.00	23.13 -0.79 0.00	23.70 -0.78 0.00	24.30 -0.87 0.00	34.90 -1.30 0.00	34.73 -1.33 0.00	33.92 -1.28 0.00	33.55 -1.21 0.00	31.75 -1.10 0.00	32.59 -1.11 0.00	35.41 -1.23 0.00	34.37 -1.16 0.00	37.50 -1.26 0.00	37.64 -1.16 0.00	34.41 -1.00 0.00	34.47 -0.99 0.00	27.76 -0.80 0.00	33.23 -1.10 0.00	29.24 -0.99 0.00	27.52 -0.80 0.00

SITHE___MASSENA 23902	20.73 0.10 0.00	18.94 0.03 0.00	19.18 -0.01 0.00	16.93 0.00 0.00	20.90 0.00 0.00	24.15 0.04 -0.19	25.10 -0.16 -0.78	26.04 -0.29 -1.16	33.51 -0.50 2.20	37.01 -0.52 -1.47	36.06 -0.56 -1.42	25.13 -0.52 9.11	33.82 -0.35 -1.32	34.74 -0.30 -1.34	37.96 -0.13 -1.44	36.88 -0.07 -1.41	40.20 -0.05 -1.49	39.94 -0.34 -1.48	36.50 -0.31 -1.39	35.74 -0.28 -0.56	28.43 -0.13 0.00	35.29 0.04 -0.92	31.52 0.03 -1.27	29.61 0.07 -1.22
SITHE___OGDNSBRG 24021	20.87 0.24 0.00	19.06 0.14 0.00	19.28 0.10 0.00	17.03 0.09 0.00	21.04 0.15 0.00	24.86 0.25 -0.69	27.40 0.03 -2.89	29.38 -0.09 -4.31	37.75 -0.25 -1.80	41.20 -0.30 -5.45	40.14 -0.33 -5.27	29.53 -0.29 4.94	37.65 -0.09 -4.89	38.60 -0.06 -4.96	42.15 0.16 -5.34	40.98 0.23 -5.22	44.58 0.31 -5.51	44.32 0.03 -5.48	40.69 0.12 -5.16	37.70 0.16 -2.08	28.78 0.23 0.00	38.19 0.45 -3.40	35.25 0.34 -4.69	33.23 0.38 -4.53
SITHE___STERLING 23777	20.89 0.26 0.00	19.11 0.19 0.00	19.40 0.22 0.00	17.13 0.20 0.00	21.17 0.28 0.00	24.34 0.42 0.00	25.07 0.59 0.00	25.80 0.63 0.00	37.18 0.98 0.00	37.07 1.01 0.00	36.18 0.98 0.00	35.78 1.03 0.00	33.78 0.92 0.00	34.53 0.83 0.00	37.13 0.49 0.00	36.01 0.48 0.00	39.53 0.76 0.00	39.94 1.13 0.00	36.42 1.01 0.00	36.44 0.98 0.00	29.57 1.01 0.00	35.47 1.14 0.00	31.14 0.92 0.00	29.22 0.90 0.00
SLEIGHT__34_KV_TB1 80719	19.86 -0.77 0.00	18.11 -0.80 0.00	18.52 -0.67 0.00	16.33 -0.60 0.00	20.32 -0.57 0.00	23.49 -0.43 0.00	24.17 -0.30 0.00	24.74 -0.42 0.00	35.50 -0.70 0.00	35.23 -0.83 0.00	34.41 -0.79 0.00	34.14 -0.62 0.00	32.41 -0.43 0.00	33.40 -0.30 0.00	36.38 -0.27 0.00	35.36 -0.18 0.00	38.46 -0.31 0.00	38.69 -0.11 0.00	35.44 0.03 0.00	35.58 0.11 0.00	28.61 0.05 0.00	34.09 -0.25 0.00	29.92 -0.31 0.00	28.19 -0.13 0.00
SOUTH CAIRO___GT 23612	21.93 1.30 0.00	20.15 1.24 0.00	20.41 1.23 0.00	18.02 1.10 0.00	22.20 1.31 0.00	25.43 1.51 0.00	26.10 1.62 0.00	26.79 1.63 0.00	38.62 2.42 0.00	38.52 2.46 0.00	37.60 2.39 0.00	37.10 2.34 0.00	34.77 1.92 0.00	35.55 1.85 0.00	38.57 1.93 0.00	37.44 1.90 0.00	40.94 2.17 0.00	41.09 2.29 0.00	37.62 2.21 0.00	37.69 2.23 0.00	30.19 1.63 0.00	36.02 1.68 0.00	31.55 1.33 0.00	29.43 1.11 0.00
SOUTH HAMPTN___IC 23720	22.16 1.53 0.00	20.36 1.44 0.00	20.57 1.39 0.00	18.17 1.24 0.00	22.36 1.46 0.00	25.53 1.61 0.00	26.79 2.32 0.00	27.58 2.42 0.00	38.83 2.63 0.00	39.00 2.94 0.00	39.03 3.00 -0.83	38.00 3.05 -0.19	35.86 3.01 0.00	36.20 2.50 0.00	39.33 2.68 0.00	38.12 2.58 0.00	41.47 2.71 0.00	41.94 3.13 -0.01	39.34 3.24 -0.69	45.44 3.21 -6.76	35.16 2.23 -4.38	36.99 2.50 -0.16	32.16 1.94 0.00	29.93 1.61 0.00
SOUTHDOW__115KV_TB1 355954	19.97 -0.66 0.00	18.24 -0.68 0.00	18.71 -0.48 0.00	16.47 -0.46 0.00	20.69 -0.20 0.00	24.09 0.17 0.00	24.84 0.36 0.00	25.41 0.24 0.00	36.71 0.51 0.00	36.87 0.81 0.00	36.29 1.09 0.00	36.30 1.55 0.00	34.52 1.67 0.00	35.72 2.02 0.00	38.97 2.33 0.00	37.52 1.99 0.00	40.47 1.71 0.00	40.94 2.14 0.00	37.48 2.06 0.00	37.80 2.34 0.00	30.52 1.97 0.00	36.57 2.24 0.00	32.20 1.97 0.00	30.26 1.94 0.00
SOUTHOLD_69_KV_BK 2 55809	22.25 1.62 0.00	20.45 1.53 0.00	20.66 1.48 0.00	18.25 1.32 0.00	22.46 1.57 0.00	25.66 1.74 0.00	26.94 2.46 0.00	27.75 2.59 0.00	39.10 2.90 0.00	39.25 3.19 0.00	39.29 3.26 -0.83	38.32 3.38 -0.19	36.12 3.27 0.00	36.47 2.77 0.00	39.62 2.97 0.00	38.44 2.90 0.00	41.79 3.03 0.00	42.27 3.46 -0.01	39.64 3.54 -0.69	45.75 3.52 -6.76	35.42 2.48 -4.39	37.27 2.78 -0.16	32.39 2.17 0.00	30.12 1.80 0.00
SOUTHOLD___IC 23719	22.25 1.62 0.00	20.45 1.53 0.00	20.66 1.48 0.00	18.25 1.32 0.00	22.46 1.57 0.00	25.66 1.74 0.00	26.94 2.46 0.00	27.75 2.58 0.00	39.10 2.90 0.00	39.26 3.20 0.00	39.29 3.26 -0.83	38.33 3.38 -0.19	36.12 3.28 0.00	36.47 2.77 0.00	39.62 2.98 0.00	38.42 2.88 0.00	41.79 3.03 0.00	42.27 3.46 -0.01	39.64 3.54 -0.69	45.75 3.52 -6.76	35.42 2.48 -4.39	37.28 2.78 -0.16	32.39 2.17 0.00	30.13 1.81 0.00
SOUTH_FORK_WT_PWR 323839	22.26 1.63 0.00	20.45 1.54 0.00	20.66 1.48 0.00	18.25 1.32 0.00	22.47 1.58 0.00	25.68 1.76 0.00	26.96 2.48 0.00	27.76 2.60 0.00	39.12 2.92 0.00	39.27 3.22 0.00	39.25 3.22 -0.83	38.36 3.41 -0.19	36.14 3.29 0.00	36.50 2.79 0.00	39.65 3.01 0.00	38.44 2.91 0.00	41.84 3.07 0.00	42.33 3.51 -0.01	39.68 3.58 -0.69	45.79 3.57 -6.76	35.45 2.51 -4.38	37.31 2.82 -0.16	32.42 2.20 0.00	30.15 1.82 0.00
SPIERFLS_115KV_TB 1 80737	21.22 0.59 0.00	19.49 0.58 0.00	19.71 0.53 0.00	17.39 0.46 0.00	21.45 0.56 0.00	24.53 0.61 0.00	25.29 0.81 0.00	26.19 1.03 0.00	37.98 1.78 0.00	37.84 1.79 0.00	36.86 1.66 0.00	36.34 1.59 0.00	34.23 1.38 0.00	35.31 1.60 0.00	38.10 1.46 0.00	36.82 1.28 0.00	40.20 1.44 0.00	40.33 1.53 0.00	36.95 1.54 0.00	36.89 1.42 0.00	29.59 1.04 0.00	35.26 0.93 0.00	30.98 0.76 0.00	28.90 0.57 0.00
ST LAWRENCE___ 23600	20.56 -0.07 0.00	18.81 -0.11 0.00	19.04 -0.14 0.00	16.80 -0.13 0.00	20.74 -0.16 0.00	23.77 -0.15 0.00	24.14 -0.34 0.00	24.70 -0.47 0.00	31.80 -0.74 3.66	35.29 -0.77 0.00	34.40 -0.80 0.00	23.38 -0.77 10.61	32.23 -0.62 0.00	33.14 -0.56 0.00	36.22 -0.43 0.00	35.17 -0.36 0.00	38.37 -0.39 0.00	38.12 -0.68 0.00	34.75 -0.66 0.00	34.82 -0.64 0.00	28.14 -0.41 0.00	34.04 -0.29 0.00	29.97 -0.25 0.00	28.10 -0.22 0.00
STATE_CA_115KV_115_LB 55624	21.27 0.65 0.00	19.59 0.67 0.00	19.83 0.64 0.00	17.52 0.59 0.00	21.54 0.65 0.00	24.59 0.67 0.00	25.17 0.70 0.00	25.78 0.61 0.00	37.10 0.90 0.00	37.02 0.96 0.00	36.16 0.95 0.00	35.65 0.89 0.00	33.43 0.58 0.00	34.16 0.45 0.00	37.06 0.42 0.00	35.96 0.43 0.00	39.25 0.48 0.00	39.35 0.54 0.00	36.02 0.60 0.00	36.04 0.58 0.00	28.92 0.36 0.00	34.57 0.24 0.00	30.39 0.17 0.00	28.42 0.09 0.00
STATE_ST_34_KV_LOAD 55959	20.27 -0.36 0.00	18.53 -0.38 0.00	18.96 -0.23 0.00	16.66 -0.28 0.00	20.62 -0.27 0.00	23.81 -0.11 0.00	24.50 0.02 0.00	25.14 -0.03 0.00	36.02 -0.18 0.00	35.83 -0.23 0.00	35.06 -0.15 0.00	34.64 -0.12 0.00	32.68 -0.17 0.00	33.71 0.00 0.00	36.73 0.08 0.00	35.58 0.04 0.00	38.68 -0.08 0.00	39.06 0.25 0.00	35.60 0.19 0.00	35.80 0.34 0.00	28.87 0.32 0.00	34.50 0.17 0.00	30.19 -0.04 0.00	28.54 0.22 0.00
STATION 5_MISC_HYD 23604	19.90 -0.73 0.00	18.12 -0.79 0.00	18.53 -0.65 0.00	16.36 -0.57 0.00	20.44 -0.45 0.00	23.67 -0.25 0.00	24.31 -0.17 0.00	24.84 -0.33 0.00	35.59 -0.61 0.00	35.26 -0.81 0.00	34.44 -0.77 0.00	34.23 -0.52 0.00	32.64 -0.20 0.00	33.65 -0.06 0.00	36.66 0.01 0.00	35.66 0.13 0.00	38.79 0.02 0.00	38.98 0.17 0.00	35.79 0.38 0.00	35.90 0.44 0.00	28.88 0.33 0.00	34.36 0.02 0.00	30.21 -0.01 0.00	28.47 0.14 0.00

STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.12 -0.51 0.00	18.35 -0.57 0.00	18.74 -0.44 0.00	16.53 -0.40 0.00	20.59 -0.30 0.00	23.83 -0.09 0.00	24.54 0.06 0.00	25.11 -0.05 0.00	36.03 -0.17 0.00	35.74 -0.32 0.00	34.92 -0.28 0.00	34.65 -0.10 0.00	32.92 0.07 0.00	33.89 0.19 0.00	36.98 0.34 0.00	35.90 0.36 0.00	39.06 0.30 0.00	39.29 0.48 0.00	36.04 0.62 0.00	36.19 0.73 0.00	29.11 0.56 0.00	34.65 0.32 0.00	30.45 0.23 0.00	28.66 0.34 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.70 -0.93 0.00	17.95 -0.96 0.00	18.35 -0.84 0.00	16.20 -0.73 0.00	20.21 -0.68 0.00	23.39 -0.53 0.00	24.04 -0.44 0.00	24.55 -0.62 0.00	35.19 -1.01 0.00	34.89 -1.17 0.00	34.08 -1.12 0.00	33.86 -0.90 0.00	32.25 -0.60 0.00	33.24 -0.46 0.00	36.20 -0.45 0.00	35.21 -0.33 0.00	38.30 -0.46 0.00	38.48 -0.32 0.00	35.33 -0.08 0.00	35.45 -0.01 0.00	28.51 -0.04 0.00	33.93 -0.40 0.00	29.83 -0.39 0.00	28.09 -0.23 0.00
STA_56____34_KV_BUS2 355983	19.70 -0.93 0.00	17.95 -0.96 0.00	18.35 -0.84 0.00	16.20 -0.73 0.00	20.21 -0.68 0.00	23.39 -0.53 0.00	24.04 -0.44 0.00	24.55 -0.62 0.00	35.19 -1.01 0.00	34.89 -1.17 0.00	34.08 -1.12 0.00	33.86 -0.90 0.00	32.25 -0.60 0.00	33.24 -0.46 0.00	36.20 -0.45 0.00	35.21 -0.33 0.00	38.30 -0.46 0.00	38.48 -0.32 0.00	35.33 -0.08 0.00	35.45 -0.01 0.00	28.51 -0.04 0.00	33.93 -0.40 0.00	29.83 -0.39 0.00	28.09 -0.23 0.00
STA_67____115KV_BK2 355882	19.86 -0.77 0.00	18.09 -0.83 0.00	18.50 -0.69 0.00	16.33 -0.60 0.00	20.41 -0.49 0.00	23.63 -0.30 0.00	24.28 -0.20 0.00	24.77 -0.40 0.00	35.49 -0.71 0.00	35.17 -0.89 0.00	34.34 -0.86 0.00	34.14 -0.62 0.00	32.54 -0.31 0.00	33.57 -0.13 0.00	36.54 -0.10 0.00	35.55 0.02 0.00	38.66 -0.10 0.00	38.86 0.06 0.00	35.69 0.28 0.00	35.81 0.35 0.00	28.82 0.27 0.00	34.27 -0.07 0.00	30.15 -0.07 0.00	28.41 0.09 0.00
STA_7____115KV_9TRANS 80674	19.98 -0.65 0.00	18.19 -0.73 0.00	18.60 -0.58 0.00	16.42 -0.51 0.00	20.52 -0.37 0.00	23.76 -0.15 0.00	24.43 -0.05 0.00	24.93 -0.23 0.00	35.74 -0.46 0.00	35.43 -0.63 0.00	34.60 -0.61 0.00	34.40 -0.36 0.00	32.78 -0.07 0.00	33.81 0.11 0.00	36.81 0.17 0.00	35.81 0.27 0.00	38.94 0.18 0.00	39.15 0.35 0.00	35.96 0.55 0.00	36.07 0.61 0.00	29.03 0.47 0.00	34.51 0.17 0.00	30.34 0.12 0.00	28.58 0.26 0.00
STA_82____115KV_TB1 80780	19.87 -0.76 0.00	18.09 -0.82 0.00	18.51 -0.68 0.00	16.34 -0.59 0.00	20.42 -0.47 0.00	23.64 -0.28 0.00	24.30 -0.18 0.00	24.79 -0.38 0.00	35.52 -0.68 0.00	35.19 -0.87 0.00	34.36 -0.85 0.00	34.17 -0.59 0.00	32.57 -0.28 0.00	33.59 -0.12 0.00	36.58 -0.07 0.00	35.58 0.04 0.00	38.70 -0.06 0.00	38.89 0.09 0.00	35.73 0.32 0.00	35.85 0.39 0.00	28.85 0.29 0.00	34.30 -0.03 0.00	30.17 -0.05 0.00	28.44 0.11 0.00
STEEL____WIND 323596	19.70 -0.93 0.00	17.92 -0.99 0.00	18.41 -0.77 0.00	16.22 -0.71 0.00	20.35 -0.54 0.00	23.69 -0.23 0.00	24.35 -0.13 0.00	24.75 -0.42 0.00	35.45 -0.75 0.00	35.02 -1.03 0.00	34.28 -0.93 0.00	34.29 -0.47 0.00	32.89 0.04 0.00	34.01 0.31 0.00	37.10 0.46 0.00	36.04 0.51 0.00	38.98 0.22 0.00	39.32 0.52 0.00	36.17 0.76 0.00	36.40 0.94 0.00	29.29 0.74 0.00	34.82 0.49 0.00	30.72 0.50 0.00	29.01 0.69 0.00
STEPHTWN_115KV_BK_2 55603	21.36 0.72 0.00	19.67 0.75 0.00	19.92 0.74 0.00	17.58 0.65 0.00	21.67 0.78 0.00	24.72 0.80 0.00	25.39 0.91 0.00	26.00 0.84 0.00	37.52 1.32 0.00	37.41 1.35 0.00	36.51 1.31 0.00	36.04 1.28 0.00	33.74 0.89 0.00	34.51 0.80 0.00	37.50 0.85 0.00	36.25 0.71 0.00	39.62 0.86 0.00	39.67 0.87 0.00	36.33 0.92 0.00	36.41 0.95 0.00	29.17 0.61 0.00	34.88 0.55 0.00	30.64 0.42 0.00	28.63 0.30 0.00
STEUBEN_REC_LFGE 323667	19.28 -1.35 0.00	17.69 -1.23 0.00	18.15 -1.03 0.00	15.94 -0.99 0.00	19.79 -1.10 0.00	22.93 -0.99 0.00	23.67 -0.80 0.00	24.30 -0.86 0.00	35.05 -1.15 0.00	34.78 -1.28 0.00	34.24 -0.96 0.00	33.88 -0.88 0.00	31.95 -0.90 0.00	33.12 -0.58 0.00	37.82 1.17 0.00	35.56 0.03 0.00	38.70 -0.06 0.00	39.25 0.44 0.00	36.03 0.61 0.00	36.56 1.10 0.00	29.78 1.22 0.00	35.72 1.39 0.00	31.73 1.51 0.00	29.78 1.46 0.00
STILLWATER____SOLAR 323814	21.36 0.73 0.00	19.63 0.72 0.00	19.87 0.69 0.00	17.54 0.61 0.00	21.64 0.75 0.00	24.72 0.80 0.00	25.43 0.95 0.00	26.27 1.11 0.00	37.98 1.78 0.00	37.84 1.79 0.00	36.91 1.70 0.00	36.41 1.65 0.00	34.35 1.50 0.00	35.26 1.56 0.00	38.02 1.38 0.00	36.83 1.29 0.00	40.22 1.46 0.00	40.31 1.51 0.00	36.94 1.52 0.00	36.90 1.44 0.00	29.62 1.06 0.00	35.38 1.04 0.00	31.08 0.86 0.00	29.02 0.70 0.00
STONY____BROOK 24151	21.90 1.27 0.00	20.13 1.21 0.00	20.32 1.14 0.00	17.95 1.01 0.00	22.06 1.16 0.00	25.14 1.22 0.00	26.19 1.71 0.00	27.07 1.91 0.00	38.59 2.39 0.00	38.75 2.69 0.00	38.91 2.85 -0.86	37.76 2.80 -0.20	35.54 2.69 0.00	35.98 2.27 0.00	38.93 2.29 0.00	37.71 2.17 0.00	40.93 2.17 0.00	41.35 2.53 -0.01	38.62 2.52 -0.69	44.87 2.60 -6.80	35.06 1.97 -4.54	36.59 2.09 -0.17	31.88 1.65 0.00	29.73 1.40 0.00
STURGEON_POOL_HYD 23609	21.46 0.83 0.00	19.76 0.85 0.00	20.00 0.82 0.00	17.67 0.74 0.00	21.74 0.85 0.00	24.75 0.83 0.00	25.54 1.06 0.00	26.58 1.41 0.00	38.49 2.29 0.00	38.50 2.44 0.00	37.67 2.46 0.00	37.15 2.39 0.00	35.16 2.32 0.00	35.85 2.15 0.00	38.71 2.07 0.00	37.39 1.86 0.00	40.76 2.00 0.00	41.02 2.21 0.00	37.55 2.13 0.00	37.64 2.18 0.00	30.12 1.57 0.00	35.91 1.57 0.00	31.57 1.34 0.00	29.52 1.20 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.35 0.72 0.00	19.66 0.74 0.00	19.90 0.72 0.00	17.58 0.65 0.00	21.64 0.74 0.00	24.66 0.74 0.00	25.39 0.91 0.00	26.32 1.16 0.00	38.02 1.82 0.00	38.00 1.94 0.00	37.16 1.95 0.00	36.64 1.88 0.00	34.70 1.85 0.00	35.41 1.70 0.00	38.27 1.62 0.00	36.97 1.43 0.00	40.29 1.53 0.00	40.54 1.74 0.00	37.10 1.68 0.00	37.17 1.70 0.00	29.77 1.22 0.00	35.51 1.18 0.00	31.25 1.03 0.00	29.23 0.91 0.00
SWANROAD_115KV_TB1 355699	19.26 -1.37 0.00	17.47 -1.45 0.00	17.97 -1.22 0.00	15.88 -1.05 0.00	19.95 -0.94 0.00	23.21 -0.72 0.00	23.76 -0.72 0.00	24.11 -1.06 0.00	34.37 -1.84 0.00	33.86 -2.20 0.00	33.07 -2.14 0.00	33.11 -1.65 0.00	31.76 -1.09 0.00	32.82 -0.89 0.00	35.77 -0.87 0.00	34.90 -0.64 0.00	37.80 -0.96 0.00	38.01 -0.79 0.00	35.06 -0.35 0.00	35.23 -0.23 0.00	28.36 -0.20 0.00	33.58 -0.75 0.00	29.66 -0.56 0.00	28.20 -0.12 0.00
SYNERGY____BIOGAS 323694	20.09 -0.54 0.00	18.24 -0.67 0.00	18.73 -0.45 0.00	16.52 -0.41 0.00	20.74 -0.15 0.00	24.11 0.19 0.00	24.76 0.28 0.00	25.28 0.12 0.00	36.17 -0.03 0.00	35.75 -0.31 0.00	34.93 -0.28 0.00	34.84 0.08 0.00	33.31 0.46 0.00	34.47 0.77 0.00	37.53 0.88 0.00	36.53 0.99 0.00	39.64 0.88 0.00	39.89 1.09 0.00	36.72 1.30 0.00	36.87 1.41 0.00	29.66 1.10 0.00	35.15 0.82 0.00	30.93 0.70 0.00	29.21 0.89 0.00

SYRACUSE___ENERGY_ST1 323597	20.22 -0.41 0.00	18.50 -0.42 0.00	18.83 -0.36 0.00	16.60 -0.33 0.00	20.53 -0.36 0.00	23.61 -0.31 0.00	24.26 -0.22 0.00	24.88 -0.28 0.00	35.73 -0.47 0.00	35.56 -0.50 0.00	34.74 -0.46 0.00	34.35 -0.40 0.00	32.52 -0.33 0.00	33.38 -0.33 0.00	36.28 -0.36 0.00	35.22 -0.31 0.00	38.42 -0.34 0.00	38.64 -0.17 0.00	35.34 -0.08 0.00	35.41 -0.05 0.00	28.50 -0.05 0.00	34.08 -0.25 0.00	29.94 -0.29 0.00	28.18 -0.14 0.00
SYRACUSE___ENERGY_ST2 323598	20.22 -0.41 0.00	18.50 -0.42 0.00	18.83 -0.36 0.00	16.60 -0.33 0.00	20.53 -0.36 0.00	23.61 -0.31 0.00	24.26 -0.22 0.00	24.88 -0.28 0.00	35.73 -0.47 0.00	35.56 -0.50 0.00	34.74 -0.46 0.00	34.35 -0.40 0.00	32.52 -0.33 0.00	33.38 -0.33 0.00	36.28 -0.36 0.00	35.22 -0.31 0.00	38.42 -0.34 0.00	38.64 -0.17 0.00	35.34 -0.08 0.00	35.41 -0.05 0.00	28.50 -0.05 0.00	34.08 -0.25 0.00	29.94 -0.29 0.00	28.18 -0.14 0.00
SYRACUSE___POWER 24017	20.25 -0.38 0.00	18.53 -0.39 0.00	18.85 -0.34 0.00	16.63 -0.30 0.00	20.57 -0.32 0.00	23.65 -0.27 0.00	24.31 -0.17 0.00	24.95 -0.22 0.00	35.86 -0.34 0.00	35.69 -0.36 0.00	34.86 -0.34 0.00	34.49 -0.27 0.00	32.65 -0.19 0.00	33.47 -0.23 0.00	36.34 -0.30 0.00	35.31 -0.22 0.00	38.57 -0.20 0.00	38.77 -0.03 0.00	35.46 0.04 0.00	35.52 0.06 0.00	28.60 0.04 0.00	34.19 -0.14 0.00	30.05 -0.17 0.00	28.26 -0.06 0.00
TALLMAN___138KV_BK151 55660	21.43 0.80 0.00	19.74 0.82 0.00	19.97 0.79 0.00	17.65 0.72 0.00	21.72 0.83 0.00	24.73 0.81 0.00	25.47 0.99 0.00	26.44 1.27 0.00	38.19 1.99 0.00	38.20 2.14 0.00	37.36 2.15 0.00	36.84 2.09 0.00	34.91 2.07 0.00	35.62 1.91 0.00	38.47 1.83 0.00	37.13 1.59 0.00	40.47 1.70 0.00	40.74 1.94 0.00	37.28 1.86 0.00	37.35 1.88 0.00	29.90 1.35 0.00	35.64 1.30 0.00	31.36 1.13 0.00	29.34 1.02 0.00
TEALLAVE_115KV_TB7 355573	20.11 -0.52 0.00	18.40 -0.52 0.00	18.71 -0.47 0.00	16.52 -0.41 0.00	20.44 -0.45 0.00	23.50 -0.42 0.00	24.14 -0.34 0.00	24.75 -0.41 0.00	35.58 -0.62 0.00	35.41 -0.65 0.00	34.60 -0.61 0.00	34.24 -0.52 0.00	32.42 -0.43 0.00	33.25 -0.45 0.00	36.11 -0.54 0.00	35.07 -0.46 0.00	38.27 -0.50 0.00	38.45 -0.36 0.00	35.17 -0.24 0.00	35.24 -0.22 0.00	28.37 -0.19 0.00	33.92 -0.42 0.00	29.82 -0.41 0.00	28.05 -0.27 0.00
TELGRAPH_34_KV_EAST 80808	19.77 -0.85 0.00	17.95 -0.97 0.00	18.44 -0.74 0.00	16.28 -0.65 0.00	20.44 -0.45 0.00	23.77 -0.15 0.00	24.39 -0.09 0.00	24.82 -0.35 0.00	35.44 -0.76 0.00	35.00 -1.06 0.00	34.18 -1.02 0.00	34.17 -0.59 0.00	32.73 -0.12 0.00	33.85 0.15 0.00	36.86 0.22 0.00	35.88 0.35 0.00	38.92 0.15 0.00	39.17 0.37 0.00	36.09 0.68 0.00	36.26 0.80 0.00	29.18 0.62 0.00	34.57 0.24 0.00	30.47 0.25 0.00	28.85 0.53 0.00
TEMPLE___115KV_TB 2 55572	20.12 -0.51 0.00	18.41 -0.51 0.00	18.72 -0.46 0.00	16.52 -0.41 0.00	20.45 -0.44 0.00	23.51 -0.41 0.00	24.15 -0.33 0.00	24.77 -0.39 0.00	35.60 -0.60 0.00	35.42 -0.64 0.00	34.61 -0.59 0.00	34.25 -0.51 0.00	32.43 -0.41 0.00	33.27 -0.43 0.00	36.14 -0.50 0.00	35.09 -0.44 0.00	38.30 -0.46 0.00	38.49 -0.32 0.00	35.20 -0.21 0.00	35.27 -0.20 0.00	28.38 -0.17 0.00	33.93 -0.40 0.00	29.83 -0.39 0.00	28.07 -0.26 0.00
TIANA___69_KV_BK 1 55817	22.09 1.46 0.00	20.30 1.38 0.00	20.50 1.32 0.00	18.11 1.18 0.00	22.28 1.39 0.00	25.44 1.51 0.00	26.69 2.21 0.00	27.47 2.31 0.00	38.69 2.49 0.00	38.84 2.78 0.00	38.91 2.88 -0.83	37.84 2.89 -0.19	35.71 2.86 0.00	36.06 2.36 0.00	39.16 2.52 0.00	37.98 2.45 0.00	41.30 2.53 0.00	41.76 2.95 -0.01	39.17 3.07 -0.69	45.27 3.04 -6.76	35.04 2.10 -4.39	36.84 2.35 -0.16	32.04 1.81 0.00	29.82 1.50 0.00
TILDEN___115KV_TB1 80814	20.25 -0.38 0.00	18.53 -0.39 0.00	18.85 -0.34 0.00	16.63 -0.30 0.00	20.57 -0.32 0.00	23.65 -0.27 0.00	24.31 -0.17 0.00	24.95 -0.22 0.00	35.86 -0.34 0.00	35.69 -0.36 0.00	34.86 -0.34 0.00	34.49 -0.27 0.00	32.65 -0.19 0.00	33.47 -0.23 0.00	36.34 -0.30 0.00	35.31 -0.22 0.00	38.57 -0.20 0.00	38.77 -0.03 0.00	35.46 0.04 0.00	35.52 0.06 0.00	28.60 0.04 0.00	34.19 -0.14 0.00	30.05 -0.17 0.00	28.26 -0.06 0.00
TRIGEN___CC 323695	21.68 1.05 0.00	19.96 1.04 0.00	20.16 0.97 0.00	17.81 0.88 0.00	21.88 0.99 0.00	24.92 1.00 0.00	25.79 1.31 0.00	26.72 1.55 0.00	38.44 2.24 0.00	38.55 2.49 0.00	44.09 2.64 -6.25	38.76 2.55 -1.46	35.31 2.46 0.00	35.86 2.15 0.00	38.73 2.09 0.00	37.50 1.96 0.00	40.82 2.06 0.00	41.13 2.31 -0.02	38.86 2.23 -1.22	50.74 2.32 -12.95	63.35 1.69 -33.10	37.28 1.73 -1.22	31.61 1.39 0.00	29.56 1.23 0.00
TRINITY___115KV___4 BK 55933	21.18 0.56 0.00	19.51 0.59 0.00	19.75 0.56 0.00	17.45 0.52 0.00	21.45 0.56 0.00	24.48 0.56 0.00	25.06 0.58 0.00	25.68 0.51 0.00	36.93 0.73 0.00	36.84 0.78 0.00	35.98 0.77 0.00	35.46 0.70 0.00	33.25 0.40 0.00	33.98 0.28 0.00	36.86 0.22 0.00	35.75 0.21 0.00	39.02 0.25 0.00	39.11 0.31 0.00	35.81 0.40 0.00	35.83 0.37 0.00	28.76 0.20 0.00	34.39 0.06 0.00	30.25 0.03 0.00	28.29 -0.03 0.00
UNION___PROCESSING_DRP 323587	19.88 -0.75 0.00	18.10 -0.82 0.00	18.51 -0.67 0.00	16.34 -0.58 0.00	20.42 -0.47 0.00	23.65 -0.27 0.00	24.30 -0.18 0.00	24.79 -0.37 0.00	35.53 -0.67 0.00	35.20 -0.86 0.00	34.37 -0.83 0.00	34.18 -0.58 0.00	32.58 -0.27 0.00	33.61 -0.10 0.00	36.59 -0.05 0.00	35.59 0.06 0.00	38.72 -0.05 0.00	38.91 0.11 0.00	35.75 0.33 0.00	35.86 0.40 0.00	28.86 0.30 0.00	34.31 -0.02 0.00	30.18 -0.04 0.00	28.45 0.12 0.00
UPPER HUDSON___HYD 24058	21.22 0.59 0.00	19.49 0.58 0.00	19.71 0.53 0.00	17.39 0.46 0.00	21.45 0.56 0.00	24.53 0.61 0.00	25.29 0.81 0.00	26.19 1.02 0.00	37.98 1.78 0.00	37.84 1.78 0.00	36.86 1.66 0.00	36.34 1.59 0.00	34.23 1.38 0.00	35.31 1.61 0.00	38.10 1.46 0.00	36.82 1.28 0.00	40.20 1.44 0.00	40.33 1.53 0.00	36.95 1.54 0.00	36.89 1.42 0.00	29.59 1.04 0.00	35.26 0.92 0.00	30.99 0.76 0.00	28.90 0.57 0.00
UPPER RAQUET___HYD 24056	20.30 -0.33 0.00	18.49 -0.43 0.00	18.68 -0.50 0.00	16.48 -0.45 0.00	20.35 -0.54 0.00	24.36 -0.58 -1.01	27.79 -0.92 -4.23	30.44 -1.03 -6.31	38.99 -1.55 -4.34	42.52 -1.51 -7.97	41.33 -1.59 -7.71	30.99 -1.48 2.29	38.87 -1.13 -7.15	39.78 -1.18 -7.26	43.33 -1.13 -7.82	42.22 -0.95 -7.64	45.91 -0.91 -8.07	45.65 -1.17 -8.02	42.05 -0.91 -7.55	37.67 -0.83 -3.04	28.03 -0.53 0.00	38.82 -0.50 -4.98	36.62 -0.47 -6.87	34.64 -0.31 -6.63
VALLEY44_115KV_TB2 355964	20.14 -0.49 0.00	18.42 -0.49 0.00	18.87 -0.31 0.00	16.59 -0.34 0.00	20.81 -0.08 0.00	24.12 0.20 0.00	24.90 0.43 0.00	25.34 0.17 0.00	36.45 0.25 0.00	36.06 0.00 0.00	35.24 0.03 0.00	35.07 0.31 0.00	33.34 0.49 0.00	34.35 0.65 0.00	37.53 0.89 0.00	36.15 0.62 0.00	39.20 0.44 0.00	39.69 0.88 0.00	36.42 1.01 0.00	36.66 1.20 0.00	29.52 0.96 0.00	35.29 0.96 0.00	31.23 1.01 0.00	29.40 1.08 0.00

VALLEY___115KV_TB 1-4 80826	20.42 -0.21 0.00	18.75 -0.16 0.00	19.00 -0.18 0.00	16.76 -0.17 0.00	20.65 -0.24 0.00	23.60 -0.32 0.00	24.26 -0.21 0.00	25.05 -0.11 0.00	36.39 0.02 -0.18	36.26 0.20 0.00	35.26 0.06 0.00	35.32 0.04 -0.52	32.83 -0.01 0.00	33.96 0.26 0.00	36.58 -0.07 0.00	35.30 -0.23 0.00	38.66 -0.10 0.00	38.79 -0.02 0.00	35.41 0.00 0.00	35.45 -0.01 0.00	28.49 -0.06 0.00	34.26 -0.08 0.00	29.99 -0.24 0.00	27.94 -0.38 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.33 0.70 0.00	19.54 0.62 0.00	19.89 0.70 0.00	17.52 0.59 0.00	21.64 0.74 0.00	24.85 0.93 0.00	25.52 1.04 0.00	26.34 1.17 0.00	37.97 1.77 0.00	37.84 1.78 0.00	37.05 1.84 0.00	36.58 1.82 0.00	34.54 1.69 0.00	35.41 1.70 0.00	38.51 1.86 0.00	37.20 1.66 0.00	40.51 1.75 0.00	40.75 1.95 0.00	37.26 1.85 0.00	37.34 1.88 0.00	29.98 1.43 0.00	35.87 1.53 0.00	31.57 1.35 0.00	29.66 1.34 0.00
VISCHER___FERRY HYD 24020	21.25 0.62 0.00	19.55 0.63 0.00	19.79 0.60 0.00	17.47 0.54 0.00	21.52 0.63 0.00	24.56 0.63 0.00	25.19 0.72 0.00	26.00 0.83 0.00	37.55 1.35 0.00	37.43 1.37 0.00	36.52 1.31 0.00	36.00 1.25 0.00	33.97 1.12 0.00	34.79 1.08 0.00	37.48 0.84 0.00	36.35 0.82 0.00	39.68 0.91 0.00	39.73 0.93 0.00	36.41 0.99 0.00	36.37 0.91 0.00	29.20 0.64 0.00	34.91 0.58 0.00	30.69 0.47 0.00	28.66 0.33 0.00
V_A_10_SYNC_DSASP 323832	19.45 -1.18 0.00	17.69 -1.23 0.00	18.15 -1.03 0.00	16.02 -0.91 0.00	20.10 -0.79 0.00	23.32 -0.60 0.00	23.90 -0.57 0.00	24.34 -0.82 0.00	34.79 -1.41 0.00	34.36 -1.70 0.00	33.56 -1.64 0.00	33.46 -1.30 0.00	32.00 -0.85 0.00	33.00 -0.71 0.00	35.99 -0.65 0.00	35.04 -0.49 0.00	38.03 -0.73 0.00	38.25 -0.55 0.00	35.19 -0.23 0.00	35.31 -0.15 0.00	28.43 -0.12 0.00	33.79 -0.55 0.00	29.78 -0.44 0.00	28.14 -0.19 0.00
V_CMM_10_SYNC_DSASP 323787	20.66 0.02 0.00	18.89 -0.03 0.00	19.13 -0.06 0.00	16.87 -0.06 0.00	20.83 -0.06 0.00	23.89 -0.03 0.00	24.26 -0.22 0.00	24.81 -0.35 0.00	31.96 -0.58 3.66	35.46 -0.60 0.00	34.57 -0.64 0.00	23.54 -0.60 10.61	32.39 -0.46 0.00	33.31 -0.39 0.00	36.39 -0.25 0.00	35.35 -0.19 0.00	38.56 -0.20 0.00	38.32 -0.49 0.00	34.94 -0.48 0.00	35.01 -0.45 0.00	28.29 -0.27 0.00	34.21 -0.12 0.00	30.11 -0.11 0.00	28.24 -0.08 0.00
V_CMP_10_SYNC_DSASP 323788	21.30 0.67 0.00	18.95 0.03 0.00	18.58 -0.61 0.00	16.29 -0.64 0.00	20.07 -0.82 0.00	15.68 -1.13 7.11	-6.62 -1.29 29.81	-20.67 -1.36 44.47	-20.49 -2.00 54.69	-21.79 -1.69 56.15	-20.73 -1.60 54.34	-20.73 -1.54 53.94	-20.56 -1.49 51.91	-20.41 -1.48 52.64	-21.10 -1.22 56.52	-20.76 -1.07 55.22	-20.71 -1.16 58.31	-20.59 -1.43 57.96	-20.55 -1.37 54.60	11.95 -1.50 22.01	27.86 -0.69 0.00	-2.89 -1.21 36.02	-20.47 -1.05 49.64	-20.59 -0.96 47.96
V_D_10_SYNC_DSASP 323841	20.73 0.10 0.00	18.94 0.03 0.00	19.18 0.00 0.00	16.93 0.00 0.00	20.90 0.01 0.00	24.14 0.05 -0.17	25.06 -0.15 -0.73	25.97 -0.28 -1.09	33.42 -0.49 2.29	36.93 -0.51 -1.37	35.98 -0.55 -1.33	25.04 -0.52 9.21	33.74 -0.34 -1.24	34.66 -0.30 -1.25	37.86 -0.13 -1.35	36.79 -0.07 -1.32	40.10 -0.05 -1.39	39.85 -0.33 -1.38	36.42 -0.30 -1.30	35.72 -0.27 -0.52	28.44 -0.12 0.00	35.23 0.04 -0.86	31.44 0.03 -1.18	29.53 0.07 -1.14
V_E_10_SYNC_DSASP 323830	21.33 0.70 0.00	19.25 0.33 0.00	19.96 0.77 0.00	17.38 0.45 0.00	21.59 0.69 0.00	25.15 1.23 0.00	25.61 1.13 0.00	26.38 1.21 0.00	38.12 1.91 0.00	38.02 1.95 0.00	37.13 1.92 0.00	36.58 1.82 0.00	34.51 1.66 0.00	35.19 1.49 0.00	38.42 1.77 0.00	37.32 1.78 0.00	40.58 1.82 0.00	41.45 2.65 0.00	37.66 2.25 0.00	37.78 2.32 0.00	30.25 1.69 0.00	36.15 1.81 0.00	31.76 1.53 0.00	30.88 2.55 0.00
V_F_30_NSYNC___DSASP 323816	21.39 0.76 0.00	19.65 0.74 0.00	19.90 0.71 0.00	17.56 0.63 0.00	21.66 0.77 0.00	24.76 0.84 0.00	25.47 0.99 0.00	26.31 1.14 0.00	38.04 1.83 0.00	37.90 1.84 0.00	36.97 1.76 0.00	36.47 1.71 0.00	34.39 1.54 0.00	35.30 1.60 0.00	38.09 1.44 0.00	36.89 1.36 0.00	40.29 1.52 0.00	40.38 1.58 0.00	37.00 1.59 0.00	36.97 1.51 0.00	29.67 1.11 0.00	35.44 1.11 0.00	31.14 0.92 0.00	29.08 0.76 0.00
V_F_30_SYNC_DSASP 323786	21.27 0.64 0.00	19.59 0.67 0.00	19.83 0.64 0.00	17.52 0.59 0.00	21.54 0.64 0.00	24.59 0.67 0.00	25.17 0.69 0.00	25.78 0.61 0.00	37.09 0.89 0.00	37.01 0.96 0.00	36.15 0.95 0.00	35.65 0.89 0.00	33.43 0.58 0.00	34.15 0.45 0.00	37.06 0.42 0.00	35.96 0.42 0.00	39.24 0.48 0.00	39.33 0.53 0.00	36.01 0.60 0.00	36.04 0.58 0.00	28.91 0.36 0.00	34.56 0.23 0.00	30.39 0.16 0.00	28.41 0.09 0.00
V_XM_10_SYNC_DSASP 323789	21.30 0.67 0.00	18.95 0.03 0.00	18.58 -0.61 0.00	16.29 -0.64 0.00	20.07 -0.82 0.00	15.68 -1.13 7.11	-6.62 -1.29 29.81	-20.67 -1.36 44.47	-20.49 -2.00 54.69	-21.79 -1.69 56.15	-20.73 -1.60 54.34	-20.73 -1.54 53.94	-20.56 -1.49 51.91	-20.41 -1.48 52.64	-21.10 -1.22 56.52	-20.76 -1.07 55.22	-20.71 -1.16 58.31	-20.59 -1.43 57.96	-20.55 -1.37 54.60	11.95 -1.50 22.01	27.86 -0.69 0.00	-2.89 -1.21 36.02	-20.47 -1.05 49.64	-20.59 -0.96 47.96
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.49 0.86 0.00	19.80 0.88 0.00	20.03 0.85 0.00	17.70 0.77 0.00	21.78 0.89 0.00	24.81 0.88 0.00	25.56 1.08 0.00	26.53 1.37 0.00	38.33 2.13 0.00	38.35 2.29 0.00	37.50 2.29 0.00	36.98 2.22 0.00	35.05 2.20 0.00	35.75 2.05 0.00	38.62 1.98 0.00	37.27 1.74 0.00	40.62 1.86 0.00	40.90 2.09 0.00	37.42 2.01 0.00	37.50 2.03 0.00	30.02 1.46 0.00	35.77 1.44 0.00	31.46 1.24 0.00	29.43 1.11 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.59 0.96 0.00	19.90 0.99 0.00	20.11 0.93 0.00	17.79 0.86 0.00	21.82 0.94 0.00	24.82 0.90 0.00	25.63 1.15 0.00	26.71 1.54 0.00	38.63 2.43 0.00	38.68 2.63 0.00	37.86 2.65 0.00	37.31 2.55 0.00	35.37 2.52 0.00	36.07 2.36 0.00	38.90 2.25 0.00	37.53 2.00 0.00	40.95 2.19 0.00	41.12 2.32 0.00	37.64 2.22 0.00	37.78 2.32 0.00	30.20 1.65 0.00	35.93 1.60 0.00	31.54 1.32 0.00	29.50 1.18 0.00
W50THST__13_KV_LOAD 356117	21.68 1.06 0.00	19.99 1.08 0.00	20.20 1.02 0.00	17.87 0.94 0.00	21.92 1.03 0.00	24.94 1.01 0.00	25.77 1.29 0.00	26.87 1.71 0.00	38.89 2.69 0.00	38.94 2.88 0.00	38.13 2.92 0.00	37.59 2.83 0.00	35.64 2.79 0.00	36.32 2.62 0.00	39.17 2.52 0.00	37.80 2.26 0.00	41.24 2.48 0.00	41.41 2.60 0.00	37.89 2.47 0.00	38.02 2.56 0.00	30.38 1.82 0.00	36.12 1.79 0.00	31.71 1.49 0.00	29.64 1.32 0.00
WADING RIVER_IC_1 23522	21.84 1.21 0.00	20.07 1.16 0.00	20.27 1.09 0.00	17.90 0.97 0.00	22.02 1.13 0.00	25.12 1.20 0.00	26.41 1.93 0.00	27.11 1.94 0.00	37.93 1.73 0.00	38.10 2.04 0.00	38.21 2.18 -0.82	37.13 2.18 -0.19	35.06 2.21 0.00	35.34 1.64 0.00	38.42 1.77 0.00	37.22 1.69 0.00	40.49 1.73 0.00	40.94 2.13 -0.01	38.51 2.42 -0.69	44.56 2.34 -6.76	34.40 1.48 -4.37	36.15 1.66 -0.16	31.46 1.24 0.00	29.31 0.99 0.00

WADING RIVER_IC_2 23547	21.84 1.21 0.00	20.07 1.16 0.00	20.27 1.09 0.00	17.90 0.97 0.00	22.02 1.13 0.00	25.12 1.20 0.00	26.41 1.93 0.00	27.11 1.94 0.00	37.93 1.73 0.00	38.10 2.04 0.00	38.21 2.18 -0.82	37.13 2.18 -0.19	35.06 2.21 0.00	35.34 1.64 0.00	38.42 1.77 0.00	37.22 1.69 0.00	40.49 1.73 0.00	40.94 2.13 -0.01	38.51 2.42 -0.69	44.56 2.34 -6.76	34.40 1.48 -4.37	36.15 1.66 -0.16	31.46 1.24 0.00	29.31 0.99 0.00
WADING RIVER_IC_3 23601	21.84 1.21 0.00	20.07 1.16 0.00	20.27 1.09 0.00	17.90 0.97 0.00	22.02 1.13 0.00	25.12 1.20 0.00	26.41 1.93 0.00	27.11 1.94 0.00	37.93 1.73 0.00	38.10 2.04 0.00	38.21 2.18 -0.82	37.13 2.18 -0.19	35.06 2.21 0.00	35.34 1.64 0.00	38.42 1.77 0.00	37.22 1.69 0.00	40.49 1.73 0.00	40.94 2.13 -0.01	38.51 2.42 -0.69	44.56 2.34 -6.76	34.40 1.48 -4.37	36.15 1.66 -0.16	31.46 1.24 0.00	29.31 0.99 0.00
WALDENNY_12_KV_BK2 80841	19.73 -0.90 0.00	17.93 -0.99 0.00	18.42 -0.76 0.00	16.25 -0.68 0.00	20.40 -0.49 0.00	23.72 -0.20 0.00	24.39 -0.09 0.00	24.79 -0.38 0.00	35.48 -0.72 0.00	35.04 -1.02 0.00	34.27 -0.93 0.00	34.32 -0.44 0.00	32.89 0.04 0.00	34.02 0.31 0.00	37.10 0.46 0.00	36.05 0.52 0.00	39.03 0.27 0.00	39.34 0.53 0.00	36.22 0.80 0.00	36.43 0.97 0.00	29.32 0.76 0.00	34.80 0.47 0.00	30.72 0.50 0.00	29.03 0.71 0.00
WALDEN___HYDRO 24148	21.59 0.96 0.00	19.86 0.95 0.00	20.11 0.93 0.00	17.76 0.83 0.00	21.86 0.98 0.00	24.94 1.02 0.00	25.72 1.24 0.00	26.68 1.52 0.00	38.57 2.37 0.00	38.53 2.47 0.00	37.68 2.48 0.00	37.17 2.41 0.00	35.19 2.34 0.00	35.89 2.18 0.00	38.76 2.11 0.00	37.49 1.96 0.00	40.90 2.14 0.00	41.16 2.36 0.00	37.71 2.29 0.00	37.80 2.34 0.00	30.26 1.70 0.00	36.06 1.73 0.00	31.69 1.47 0.00	29.62 1.30 0.00
WARRENSBURG___ 23737	21.22 0.59 0.00	19.49 0.58 0.00	19.71 0.53 0.00	17.39 0.46 0.00	21.45 0.56 0.00	24.53 0.61 0.00	25.29 0.81 0.00	26.19 1.02 0.00	37.98 1.78 0.00	37.84 1.78 0.00	36.86 1.66 0.00	36.34 1.59 0.00	34.23 1.38 0.00	35.31 1.61 0.00	38.10 1.46 0.00	36.82 1.28 0.00	40.20 1.44 0.00	40.33 1.53 0.00	36.95 1.54 0.00	36.89 1.42 0.00	29.59 1.04 0.00	35.26 0.92 0.00	30.99 0.76 0.00	28.90 0.57 0.00
WATERSIDE___6 8 9 23538	21.57 0.94 0.00	19.89 0.97 0.00	20.09 0.91 0.00	17.78 0.85 0.00	21.78 0.89 0.00	24.78 0.86 0.00	25.60 1.12 0.00	26.68 1.51 0.00	38.55 2.34 0.00	38.60 2.54 0.00	37.77 2.57 0.00	37.26 2.50 0.00	35.32 2.47 0.00	36.01 2.31 0.00	38.82 2.17 0.00	37.49 1.95 0.00	40.88 2.12 0.00	41.07 2.27 0.00	37.60 2.19 0.00	37.74 2.28 0.00	30.18 1.62 0.00	35.89 1.56 0.00	31.53 1.31 0.00	29.51 1.19 0.00
WATKINRD_115KV_LN8_ILLION 55919	20.65 0.02 0.00	18.96 0.05 0.00	19.22 0.04 0.00	16.96 0.03 0.00	20.90 0.01 0.00	23.89 -0.03 0.00	24.53 0.06 0.00	25.32 0.15 0.00	36.72 0.34 -0.18	36.46 0.41 0.00	35.56 0.35 0.00	35.61 0.33 -0.52	33.10 0.25 0.00	34.02 0.32 0.00	36.76 0.12 0.00	35.58 0.05 0.00	38.87 0.10 0.00	39.01 0.21 0.00	35.65 0.23 0.00	35.69 0.22 0.00	28.67 0.11 0.00	34.38 0.05 0.00	30.19 -0.03 0.00	28.21 -0.11 0.00
WATSON___69_KV_BK 1 55734	22.07 1.44 0.00	20.28 1.37 0.00	20.49 1.31 0.00	18.09 1.16 0.00	22.24 1.35 0.00	25.37 1.45 0.00	26.41 1.93 0.00	27.32 2.16 0.00	39.05 2.85 0.00	39.21 3.15 0.00	39.63 3.33 -1.10	38.26 3.24 -0.26	35.97 3.12 0.00	36.43 2.73 0.00	39.42 2.77 0.00	38.22 2.68 0.00	41.55 2.79 0.00	41.97 3.16 -0.01	39.11 2.99 -0.71	45.61 3.11 -7.04	36.74 2.34 -5.85	37.04 2.49 -0.21	32.21 1.99 0.00	30.04 1.72 0.00
WDELAWARE___HYD 323627	21.50 0.87 0.00	19.94 1.02 0.00	20.21 1.02 0.00	17.86 0.93 0.00	22.00 1.11 0.00	25.14 1.22 0.00	25.93 1.45 0.00	26.92 1.75 0.00	38.97 2.77 0.00	38.98 2.92 0.00	38.24 3.04 0.00	37.74 2.98 0.00	35.69 2.84 0.00	36.31 2.61 0.00	39.19 2.55 0.00	37.95 2.41 0.00	41.38 2.62 0.00	41.66 2.85 0.00	38.14 2.72 0.00	38.19 2.73 0.00	30.56 2.01 0.00	36.41 2.08 0.00	32.02 1.79 0.00	29.94 1.62 0.00
WEST BABYLON___IC 23714	22.00 1.37 0.00	20.23 1.31 0.00	20.43 1.25 0.00	18.05 1.12 0.00	22.19 1.30 0.00	25.30 1.38 0.00	26.29 1.81 0.00	27.23 2.06 0.00	39.00 2.79 0.00	39.13 3.07 0.00	40.14 3.26 -1.68	38.32 3.17 -0.39	35.89 3.05 0.00	36.39 2.68 0.00	39.36 2.71 0.00	38.13 2.60 0.00	41.48 2.72 0.00	41.88 3.06 -0.01	39.07 2.90 -0.76	46.12 3.03 -7.63	39.72 2.26 -8.90	37.05 2.39 -0.33	32.15 1.92 0.00	29.99 1.67 0.00
WEST CANADA___HYD 24049	20.69 0.06 0.00	18.99 0.08 0.00	19.25 0.07 0.00	16.99 0.06 0.00	20.95 0.06 0.00	23.97 0.05 0.00	24.57 0.09 0.00	25.30 0.13 0.00	36.61 0.24 -0.18	36.32 0.26 0.00	35.45 0.25 0.00	35.52 0.24 -0.52	33.04 0.20 0.00	33.86 0.16 0.00	36.73 0.08 0.00	35.61 0.07 0.00	38.92 0.16 0.00	39.04 0.24 0.00	35.65 0.24 0.00	35.68 0.22 0.00	28.72 0.16 0.00	34.47 0.14 0.00	30.34 0.12 0.00	28.41 0.09 0.00
WESTERN_NY_WIND 24143	20.06 -0.57 0.00	18.22 -0.70 0.00	18.71 -0.48 0.00	16.50 -0.43 0.00	20.72 -0.17 0.00	24.09 0.16 0.00	24.76 0.28 0.00	25.24 0.07 0.00	36.11 -0.09 0.00	35.69 -0.37 0.00	34.85 -0.35 0.00	34.79 0.03 0.00	33.24 0.39 0.00	34.43 0.73 0.00	37.47 0.82 0.00	36.45 0.91 0.00	39.56 0.80 0.00	39.80 1.00 0.00	36.67 1.25 0.00	36.83 1.37 0.00	29.63 1.07 0.00	35.09 0.76 0.00	30.90 0.67 0.00	29.20 0.88 0.00
WESTOVER___LESR 323668	20.67 0.04 0.00	18.95 0.03 0.00	19.34 0.16 0.00	17.01 0.08 0.00	21.05 0.15 0.00	24.26 0.34 0.00	24.98 0.50 0.00	25.72 0.55 0.00	37.12 0.92 0.00	36.86 0.80 0.00	36.03 0.82 0.00	35.63 0.87 0.00	33.62 0.78 0.00	34.42 0.72 0.00	37.64 1.00 0.00	36.28 0.75 0.00	39.47 0.71 0.00	39.83 1.03 0.00	36.39 0.98 0.00	36.58 1.12 0.00	29.41 0.86 0.00	35.21 0.88 0.00	31.04 0.82 0.00	29.15 0.83 0.00
WETHRSFD_WT_PWR 323626	19.01 -1.62 0.00	17.29 -1.62 0.00	17.78 -1.40 0.00	15.74 -1.19 0.00	19.69 -1.20 0.00	22.90 -1.02 0.00	23.57 -0.91 0.00	23.94 -1.23 0.00	34.24 -1.96 0.00	33.81 -2.25 0.00	33.09 -2.11 0.00	33.46 -1.29 0.00	32.28 -0.57 0.00	33.60 -0.10 0.00	36.58 -0.06 0.00	35.45 -0.09 0.00	38.34 -0.43 0.00	38.76 -0.04 0.00	35.76 0.34 0.00	36.02 0.56 0.00	29.01 0.45 0.00	34.43 0.10 0.00	30.42 0.19 0.00	28.76 0.44 0.00
WHAVSTOR_138KV_BK127 55557	21.42 0.79 0.00	19.73 0.82 0.00	19.97 0.78 0.00	17.64 0.71 0.00	21.70 0.81 0.00	24.71 0.79 0.00	25.45 0.97 0.00	26.43 1.26 0.00	38.17 1.97 0.00	38.17 2.11 0.00	37.33 2.12 0.00	36.81 2.05 0.00	34.88 2.03 0.00	35.59 1.89 0.00	38.43 1.79 0.00	37.10 1.56 0.00	40.43 1.67 0.00	40.70 1.89 0.00	37.24 1.83 0.00	37.32 1.85 0.00	29.87 1.32 0.00	35.60 1.27 0.00	31.32 1.10 0.00	29.31 0.98 0.00

WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.42 0.79 0.00	19.73 0.82 0.00	19.97 0.78 0.00	17.64 0.71 0.00	21.70 0.81 0.00	24.71 0.79 0.00	25.45 0.97 0.00	26.43 1.26 0.00	38.17 1.97 0.00	38.17 2.11 0.00	37.33 2.12 0.00	36.81 2.05 0.00	34.88 2.03 0.00	35.59 1.89 0.00	38.43 1.79 0.00	37.10 1.56 0.00	40.43 1.67 0.00	40.70 1.89 0.00	37.24 1.83 0.00	37.32 1.85 0.00	29.87 1.32 0.00	35.60 1.27 0.00	31.32 1.10 0.00	29.31 0.98 0.00
WHITEHAL_115KV_TB1 80871	21.60 0.97 0.00	19.86 0.94 0.00	20.04 0.86 0.00	17.65 0.72 0.00	21.79 0.90 0.00	24.85 0.93 0.00	25.72 1.24 0.00	26.81 1.64 0.00	39.28 3.09 0.00	39.08 3.02 0.00	37.77 2.56 0.00	37.09 2.33 0.00	34.73 1.88 0.00	36.54 2.84 0.00	39.44 2.79 0.00	37.70 2.17 0.00	41.08 2.32 0.00	41.25 2.45 0.00	37.85 2.43 0.00	37.64 2.17 0.00	30.21 1.66 0.00	35.76 1.42 0.00	31.59 1.37 0.00	29.35 1.03 0.00
WHITEPLN_13_KV_LOAD 356215	21.69 1.06 0.00	19.99 1.08 0.00	20.22 1.04 0.00	17.87 0.94 0.00	21.96 1.07 0.00	25.01 1.08 0.00	25.82 1.34 0.00	26.85 1.68 0.00	38.79 2.59 0.00	38.80 2.74 0.00	37.96 2.76 0.00	37.44 2.69 0.00	35.48 2.63 0.00	36.18 2.48 0.00	39.07 2.43 0.00	37.74 2.21 0.00	41.16 2.40 0.00	41.40 2.60 0.00	37.89 2.48 0.00	37.99 2.53 0.00	30.37 1.82 0.00	36.16 1.83 0.00	31.75 1.53 0.00	29.66 1.34 0.00
WM_FLOYD_69_KV_BK2 356380	21.93 1.30 0.00	20.16 1.24 0.00	20.36 1.18 0.00	17.98 1.05 0.00	22.11 1.21 0.00	25.22 1.29 0.00	26.38 1.90 0.00	27.18 2.01 0.00	38.42 2.22 0.00	38.58 2.52 0.00	38.71 2.67 -0.84	37.60 2.64 -0.20	35.42 2.57 0.00	35.78 2.08 0.00	38.80 2.16 0.00	37.62 2.09 0.00	40.89 2.13 0.00	41.33 2.51 -0.01	38.72 2.62 -0.69	44.87 2.63 -6.78	34.86 1.85 -4.45	36.52 2.03 -0.16	31.79 1.57 0.00	29.63 1.30 0.00
WOODARD__115KV_TB2 355635	20.07 -0.56 0.00	18.37 -0.55 0.00	18.68 -0.50 0.00	16.48 -0.44 0.00	20.41 -0.49 0.00	23.44 -0.48 0.00	24.06 -0.41 0.00	24.69 -0.47 0.00	35.47 -0.73 0.00	35.30 -0.76 0.00	34.49 -0.71 0.00	34.12 -0.63 0.00	32.31 -0.54 0.00	33.14 -0.56 0.00	36.00 -0.65 0.00	34.97 -0.57 0.00	38.16 -0.61 0.00	38.33 -0.47 0.00	35.06 -0.35 0.00	35.13 -0.33 0.00	28.27 -0.28 0.00	33.81 -0.52 0.00	29.73 -0.49 0.00	27.97 -0.35 0.00
YORK___WARBASSE 23770	21.71 1.08 0.00	19.99 1.08 0.00	20.19 1.01 0.00	17.86 0.93 0.00	21.90 1.01 0.00	24.93 1.01 0.00	25.74 1.26 0.00	26.81 1.65 0.00	38.72 2.52 0.00	38.76 2.70 0.00	37.96 2.76 0.00	37.46 2.70 0.00	35.51 2.66 0.00	36.21 2.50 0.00	38.97 2.33 0.00	37.66 2.12 0.00	41.04 2.28 0.00	41.25 2.44 0.00	37.80 2.38 0.00	37.94 2.48 0.00	30.37 1.81 0.00	36.10 1.77 0.00	31.73 1.50 0.00	29.69 1.37 0.00