

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

08/13/2024

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	22.41	22.86	21.21	19.30	20.30	24.51	26.29	27.00	25.54	25.33	27.38	30.93	29.17	30.66	29.35	32.71	36.84	42.61	43.90	45.82	43.13	42.95	34.84	29.94
24138	1.00	0.88	0.77	0.74	0.71	0.80	1.09	1.37	1.43	1.59	1.84	2.30	2.36	2.61	2.40	2.74	3.02	3.31	3.37	2.94	2.65	2.70	2.24	1.82
	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	22.48	22.90	21.26	19.34	20.34	24.55	26.31	27.02	25.54	25.29	27.34	30.89	29.13	30.60	29.30	32.66	36.80	42.59	43.92	45.87	43.19	43.03	34.87	29.97
24260	1.08	0.93	0.82	0.78	0.75	0.84	1.12	1.39	1.43	1.55	1.80	2.27	2.32	2.55	2.35	2.70	2.98	3.29	3.39	2.99	2.72	2.78	2.27	1.86
	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	22.48	22.90	21.26	19.34	20.34	24.55	26.31	27.02	25.54	25.29	27.34	30.89	29.13	30.60	29.30	32.66	36.80	42.59	43.92	45.87	43.19	43.03	34.87	29.97
24261	1.08	0.93	0.82	0.78	0.75	0.84	1.12	1.39	1.43	1.55	1.80	2.27	2.32	2.55	2.35	2.70	2.98	3.29	3.39	2.99	2.72	2.78	2.27	1.86
	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	22.49	23.10	21.52	19.52	20.63	24.95	26.59	27.18	25.39	24.78	26.38	29.59	27.67	29.11	27.95	31.30	35.75	41.57	44.17	46.73	44.53	43.83	35.36	30.36
24011	1.08	1.12	1.07	0.97	1.04	1.24	1.39	1.56	1.28	1.04	0.84	0.96	0.86	1.06	1.00	1.33	1.92	2.27	3.65	3.85	4.06	3.57	2.76	2.24
	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	22.58	23.18	21.60	19.60	20.72	25.08	26.73	27.34	25.52	24.84	26.42	29.63	27.70	29.16	28.01	31.43	35.97	41.76	44.46	47.06	44.92	44.23	35.69	30.64
23798	1.17	1.21	1.16	1.04	1.13	1.36	1.54	1.72	1.41	1.10	0.89	1.00	0.89	1.11	1.06	1.46	2.15	2.45	3.93	4.18	4.45	3.98	3.09	2.53
	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	22.49	23.10	21.52	19.52	20.63	24.95	26.59	27.18	25.39	24.78</														

ALBANY___2 23572	21.48 0.08 0.00	22.05 0.07 0.00	20.70 0.25 0.00	18.81 0.26 0.00	19.84 0.26 0.00	23.89 0.18 0.00	25.41 0.21 0.00	25.93 0.30 0.00	24.16 0.05 0.00	23.78 0.04 0.00	25.46 -0.08 0.00	28.54 -0.09 0.00	26.80 -0.01 0.00	28.11 0.06 0.00	26.99 0.04 0.00	30.01 0.04 0.00	34.00 0.17 0.00	39.38 0.08 0.00	40.83 0.30 0.00	43.07 0.19 0.00	40.85 0.37 0.00	40.61 0.36 0.00	32.87 0.27 0.00	28.33 0.22 0.00
ALBANY___3 23573	21.48 0.08 0.00	22.05 0.07 0.00	20.70 0.25 0.00	18.81 0.26 0.00	19.84 0.26 0.00	23.89 0.18 0.00	25.41 0.21 0.00	25.93 0.30 0.00	24.16 0.05 0.00	23.78 0.04 0.00	25.46 -0.08 0.00	28.54 -0.09 0.00	26.80 -0.01 0.00	28.11 0.06 0.00	26.99 0.04 0.00	30.01 0.04 0.00	34.00 0.17 0.00	39.38 0.08 0.00	40.83 0.30 0.00	43.07 0.19 0.00	40.85 0.37 0.00	40.61 0.36 0.00	32.87 0.27 0.00	28.33 0.22 0.00
ALBANY___4 23574	21.48 0.08 0.00	22.05 0.07 0.00	20.70 0.25 0.00	18.81 0.26 0.00	19.84 0.26 0.00	23.89 0.18 0.00	25.41 0.21 0.00	25.93 0.30 0.00	24.16 0.05 0.00	23.78 0.04 0.00	25.46 -0.08 0.00	28.54 -0.09 0.00	26.80 -0.01 0.00	28.11 0.06 0.00	26.99 0.04 0.00	30.01 0.04 0.00	34.00 0.17 0.00	39.38 0.08 0.00	40.83 0.30 0.00	43.07 0.19 0.00	40.85 0.37 0.00	40.61 0.36 0.00	32.87 0.27 0.00	28.33 0.22 0.00
ALBANY___LFGE 323615	21.68 0.28 0.00	22.25 0.27 0.00	20.86 0.41 0.00	18.95 0.40 0.00	20.00 0.42 0.00	24.08 0.37 0.00	25.63 0.43 0.00	26.16 0.53 0.00	24.42 0.31 0.00	24.03 0.28 0.00	25.75 0.21 0.00	28.86 0.23 0.00	27.11 0.30 0.00	28.44 0.39 0.00	27.32 0.36 0.00	30.37 0.41 0.00	34.42 0.60 0.00	39.88 0.58 0.00	41.35 0.82 0.00	43.62 0.74 0.00	41.36 0.89 0.00	41.11 0.86 0.00	33.25 0.65 0.00	28.65 0.54 0.00
ALCOA_PA_115KV_PL-6C 55860	21.49 0.09 0.00	22.14 0.17 0.00	20.54 0.10 0.00	18.62 0.06 0.00	19.64 0.06 0.00	23.92 0.21 0.00	25.42 0.22 0.00	25.66 0.04 0.00	24.16 0.04 0.00	23.71 -0.03 0.00	25.54 0.01 0.00	28.49 -0.14 0.00	26.52 -0.29 0.00	27.59 -0.46 0.00	26.67 -0.28 0.00	29.59 -0.38 0.00	33.39 -0.43 0.00	38.85 -0.45 0.00	39.99 -0.54 0.00	42.62 -0.26 0.00	40.20 -0.28 0.00	40.00 -0.25 0.00	32.44 -0.17 0.00	28.03 -0.08 0.00
ALCOA_RYNLDS___DRP 24188	21.49 0.09 0.00	22.14 0.17 0.00	20.54 0.10 0.00	18.62 0.06 0.00	19.64 0.06 0.00	23.92 0.21 0.00	25.42 0.22 0.00	25.66 0.04 0.00	24.16 0.04 0.00	23.71 -0.03 0.00	25.54 0.01 0.00	28.49 -0.14 0.00	26.52 -0.29 0.00	27.59 -0.46 0.00	26.67 -0.28 0.00	29.59 -0.38 0.00	33.39 -0.43 0.00	38.85 -0.45 0.00	39.99 -0.54 0.00	42.62 -0.26 0.00	40.20 -0.28 0.00	40.00 -0.25 0.00	32.44 -0.17 0.00	28.03 -0.08 0.00
ALCOA___DSASP 323711	21.49 0.09 0.00	22.14 0.16 0.00	20.54 0.10 0.00	18.62 0.07 0.00	19.64 0.06 0.00	23.91 0.20 0.00	25.42 0.22 0.00	25.66 0.04 0.00	24.16 0.04 0.00	23.71 -0.03 0.00	25.54 0.01 0.00	28.49 -0.13 0.00	26.52 -0.29 0.00	27.59 -0.46 0.00	26.67 -0.29 0.00	29.59 -0.38 0.00	33.39 -0.43 0.00	38.86 -0.45 0.00	39.99 -0.54 0.00	42.62 -0.26 0.00	40.20 -0.28 0.00	40.00 -0.25 0.00	32.44 -0.17 0.00	28.03 -0.08 0.00
ALLEGHENY___COGEN 23514	21.72 0.32 0.00	22.43 0.45 0.00	20.76 0.31 0.00	18.73 0.18 0.00	19.91 0.33 0.00	24.40 0.68 0.00	25.86 0.67 0.00	25.95 0.33 0.00	24.16 0.05 0.00	23.50 -0.23 0.00	25.52 -0.01 0.00	29.32 0.65 -0.04	27.40 0.49 -0.10	28.36 0.29 -0.02	26.97 -0.08 -0.10	30.22 0.03 -0.23	33.65 -0.50 -0.33	39.70 -0.13 -0.52	40.97 -0.02 -0.46	43.58 0.29 -0.41	41.06 0.59 0.00	41.88 1.63 0.00	34.17 1.57 0.00	29.21 1.10 0.00
ALTAMONT_115KV_TB 2 55880	21.71 0.31 0.00	22.26 0.28 0.00	20.79 0.34 0.00	18.89 0.33 0.00	19.92 0.34 0.00	24.03 0.32 0.00	25.56 0.36 0.00	26.07 0.45 0.00	24.42 0.31 0.00	24.03 0.29 0.00	25.79 0.26 0.00	28.95 0.32 0.00	27.17 0.37 0.00	28.50 0.45 0.00	27.36 0.40 0.00	30.44 0.47 0.00	34.44 0.62 0.00	39.93 0.62 0.00	41.36 0.84 0.00	43.64 0.77 0.00	41.33 0.86 0.00	41.11 0.86 0.00	33.28 0.68 0.00	28.68 0.57 0.00
ALTONA_WT_PWR 323606	21.91 0.51 0.00	22.59 0.62 0.00	20.92 0.48 0.00	18.97 0.42 0.00	20.03 0.45 0.00	24.30 0.59 0.00	25.91 0.71 0.00	26.37 0.75 0.00	24.76 0.65 0.00	24.16 0.42 0.00	25.87 0.33 0.00	28.97 0.34 0.00	26.90 0.09 0.00	27.90 -0.15 0.00	26.70 -0.26 0.00	29.67 -0.30 0.00	33.76 -0.06 0.00	39.24 -0.06 0.00	40.84 0.31 0.00	43.54 0.67 0.00	40.89 0.41 0.00	40.59 0.34 0.00	33.20 0.60 0.00	28.71 0.60 0.00
AMERICAN_REF_FUEL 24010	20.12 -1.28 0.00	20.94 -1.03 0.00	19.39 -1.05 0.00	17.44 -1.11 0.00	18.56 -1.02 0.00	22.91 -0.80 0.00	24.35 -0.85 0.00	24.93 -0.69 0.00	23.63 -0.48 0.00	23.33 -0.41 0.00	25.43 -0.11 0.00	29.22 0.50 -0.09	27.45 0.38 -0.25	28.10 0.02 -0.04	26.52 -0.67 -0.23	30.01 -0.51 -0.55	33.80 -0.84 -0.81	40.07 -0.51 -1.27	40.90 -0.74 -1.12	42.69 -1.18 -1.00	39.01 -1.47 0.00	38.85 -1.40 0.00	31.77 -0.83 0.00	27.39 -0.72 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.99 -0.41 0.00	21.80 -0.18 0.00	20.25 -0.20 0.00	18.24 -0.32 0.00	19.42 -0.16 0.00	23.99 0.28 0.00	25.51 0.31 0.00	26.10 0.48 0.00	24.87 0.76 0.00	24.58 0.84 0.00	26.62 1.09 0.00	30.85 1.93 -0.30	29.34 1.68 -0.85	29.75 1.57 -0.14	28.66 0.91 -0.80	33.10 1.27 -1.87	37.56 0.99 -2.74	45.29 1.69 -4.30	45.83 1.53 -3.77	47.52 1.28 -3.36	41.10 0.62 0.00	41.07 0.82 0.00	33.34 0.74 0.00	28.57 0.46 0.00
ARTHUR KILL_GT_1 23520	22.37 0.97 0.00	22.80 0.82 0.00	21.16 0.72 0.00	19.24 0.68 0.00	20.22 0.63 0.00	24.43 0.72 0.00	26.18 0.98 0.00	26.83 1.20 0.00	25.33 1.22 -0.01	25.06 1.32 0.00	27.06 1.52 0.00	30.54 1.91 0.00	28.82 2.01 0.00	30.30 2.26 0.00	29.00 2.04 0.00	32.33 2.36 0.00	36.43 2.61 0.00	42.04 2.74 0.00	43.35 2.82 0.00	45.51 2.63 0.00	42.85 2.38 0.00	42.86 2.60 0.00	34.80 2.20 0.00	29.80 1.69 0.00
ARTHUR_KILL_2 23512	22.30 0.90 0.00	22.73 0.76 0.00	21.10 0.65 0.00	19.18 0.63 0.00	20.16 0.58 0.00	24.36 0.65 0.00	26.10 0.90 0.00	26.74 1.12 0.00	25.26 1.14 -0.01	24.99 1.25 0.00	26.98 1.45 0.00	30.45 1.82 0.00	28.73 1.92 0.00	30.21 2.16 0.00	28.90 1.95 0.00	32.22 2.25 0.00	36.31 2.49 0.00	41.89 2.59 0.00	43.19 2.66 0.00	45.32 2.45 0.00	42.69 2.21 0.00	42.69 2.44 0.00	34.67 2.07 0.00	29.70 1.59 0.00
ARTHUR_KILL_3 23513	22.29 0.89 0.00	22.69 0.71 0.00	21.07 0.62 0.00	19.15 0.60 0.00	20.14 0.56 0.00	24.31 0.60 0.00	26.05 0.85 0.00	26.72 1.10 0.00	25.25 1.14 0.00	25.01 1.27 0.00	27.02 1.49 0.00	30.52 1.90 0.00	28.79 1.98 0.00	30.24 2.19 0.00	28.95 2.00 0.00	32.28 2.31 0.00	36.34 2.52 0.00	42.05 2.75 0.00	43.34 2.81 0.00	45.25 2.37 0.00	42.63 2.16 0.00	42.46 2.21 0.00	34.47 1.86 0.00	29.63 1.52 0.00

ARTHUR_KILL_COGEN 323718	22.37 0.97 0.00	22.80 0.82 0.00	21.16 0.72 0.00	19.24 0.68 0.00	20.22 0.63 0.00	24.43 0.72 0.00	26.18 0.98 0.00	26.83 1.20 0.00	25.33 1.22 -0.01	25.06 1.32 0.00	27.06 1.52 0.00	30.54 1.91 0.00	28.82 2.01 0.00	30.30 2.26 0.00	29.00 2.04 0.00	32.33 2.36 0.00	36.43 2.61 0.00	42.04 2.74 0.00	43.35 2.82 0.00	45.51 2.63 0.00	42.85 2.38 0.00	42.86 2.60 0.00	34.80 2.20 0.00	29.80 1.69 0.00
ASHOKAN____ 23654	22.06 0.66 0.00	22.57 0.59 0.00	21.06 0.61 0.00	19.13 0.57 0.00	20.18 0.60 0.00	24.38 0.67 0.00	25.98 0.79 0.00	26.77 1.14 0.00	25.02 0.91 0.00	24.48 0.75 0.00	26.15 0.61 0.00	29.31 0.68 0.00	27.59 0.78 0.00	28.98 0.94 0.00	27.82 0.87 0.00	31.06 1.09 0.00	35.31 1.49 0.00	41.22 1.92 0.00	43.01 2.48 0.00	45.49 2.62 0.00	43.13 2.66 0.00	42.77 2.52 0.00	34.44 1.84 0.00	29.58 1.46 0.00
ASTORIA_EAST_ENERGY_CC1 323581	22.41 1.00 0.00	22.82 0.84 0.00	21.20 0.75 0.00	19.27 0.71 0.00	20.25 0.67 0.00	24.43 0.72 0.00	26.20 1.01 0.00	26.86 1.23 0.00	25.40 1.28 -0.01	25.14 1.40 0.00	27.15 1.62 0.00	30.65 2.03 0.00	28.91 2.10 0.00	30.35 2.30 0.00	29.05 2.10 0.00	32.33 2.36 0.00	36.42 2.60 0.00	42.13 2.83 0.00	43.42 2.89 0.00	45.40 2.52 0.00	42.75 2.28 0.00	42.66 2.40 0.00	34.67 2.07 0.00	29.79 1.68 0.00
ASTORIA_EAST_ENERGY_CC2 323582	22.41 1.00 0.00	22.82 0.84 0.00	21.20 0.75 0.00	19.27 0.71 0.00	20.25 0.67 0.00	24.43 0.72 0.00	26.20 1.01 0.00	26.86 1.23 0.00	25.40 1.28 -0.01	25.14 1.40 0.00	27.15 1.62 0.00	30.65 2.03 0.00	28.91 2.10 0.00	30.35 2.30 0.00	29.05 2.10 0.00	32.33 2.36 0.00	36.42 2.60 0.00	42.13 2.83 0.00	43.42 2.89 0.00	45.40 2.52 0.00	42.75 2.28 0.00	42.66 2.40 0.00	34.67 2.07 0.00	29.79 1.68 0.00
ASTORIA_GT2_1 24094	22.41 1.01 0.00	22.83 0.86 0.00	21.20 0.76 0.00	19.27 0.72 0.00	20.26 0.68 0.00	24.45 0.74 0.00	26.22 1.03 0.00	26.87 1.24 0.00	25.41 1.29 0.00	25.14 1.40 0.00	27.17 1.63 0.00	30.67 2.04 0.00	28.92 2.11 0.00	30.36 2.31 0.00	29.08 2.13 0.00	32.35 2.39 0.00	36.45 2.63 0.00	42.15 2.85 0.00	43.44 2.91 0.00	45.43 2.55 0.00	42.77 2.30 0.00	42.68 2.43 0.00	34.69 2.08 0.00	29.81 1.70 0.00
ASTORIA_GT2_2 24095	22.41 1.01 0.00	22.83 0.86 0.00	21.20 0.76 0.00	19.27 0.72 0.00	20.26 0.68 0.00	24.45 0.74 0.00	26.22 1.03 0.00	26.87 1.24 0.00	25.41 1.29 0.00	25.14 1.40 0.00	27.17 1.63 0.00	30.67 2.04 0.00	28.92 2.11 0.00	30.36 2.31 0.00	29.08 2.13 0.00	32.35 2.39 0.00	36.45 2.63 0.00	42.15 2.85 0.00	43.44 2.91 0.00	45.43 2.55 0.00	42.77 2.30 0.00	42.68 2.43 0.00	34.69 2.08 0.00	29.81 1.70 0.00
ASTORIA_GT2_3 24096	22.41 1.01 0.00	22.83 0.86 0.00	21.20 0.76 0.00	19.27 0.72 0.00	20.26 0.68 0.00	24.45 0.74 0.00	26.22 1.03 0.00	26.87 1.24 0.00	25.41 1.29 0.00	25.14 1.40 0.00	27.17 1.63 0.00	30.67 2.04 0.00	28.92 2.11 0.00	30.36 2.31 0.00	29.08 2.13 0.00	32.35 2.39 0.00	36.45 2.63 0.00	42.15 2.85 0.00	43.44 2.91 0.00	45.43 2.55 0.00	42.77 2.30 0.00	42.68 2.43 0.00	34.69 2.08 0.00	29.81 1.70 0.00
ASTORIA_GT2_4 24097	22.41 1.01 0.00	22.83 0.86 0.00	21.20 0.76 0.00	19.27 0.72 0.00	20.26 0.68 0.00	24.45 0.74 0.00	26.22 1.03 0.00	26.87 1.24 0.00	25.41 1.29 0.00	25.14 1.40 0.														

ASTORIA_GT4_4 24105	22.41 1.01 0.00	22.83 0.86 0.00	21.20 0.76 0.00	19.27 0.72 0.00	20.26 0.68 0.00	24.45 0.74 0.00	26.22 1.03 0.00	26.87 1.24 0.00	25.41 1.29 0.00	25.14 1.40 0.00	27.17 1.63 0.00	30.67 2.04 0.00	28.92 2.11 0.00	30.36 2.31 0.00	29.08 2.13 0.00	32.35 2.39 0.00	36.45 2.63 0.00	42.15 2.85 0.00	43.44 2.91 0.00	45.43 2.55 0.00	42.77 2.30 0.00	42.68 2.43 0.00	34.69 2.08 0.00	29.81 1.70 0.00
ASTORIA_GT_1 23523	22.46 1.05 0.00	22.87 0.90 0.00	21.24 0.80 0.00	19.30 0.75 0.00	20.29 0.71 0.00	24.49 0.78 0.00	26.27 1.07 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.21 1.47 0.00	27.24 1.70 0.00	30.74 2.11 0.00	28.99 2.18 0.00	30.43 2.38 0.00	29.14 2.18 0.00	32.43 2.46 0.00	36.54 2.72 0.00	42.25 2.95 0.00	43.55 3.02 0.00	45.53 2.65 0.00	42.89 2.41 0.00	42.78 2.53 0.00	34.77 2.16 0.00	29.87 1.76 0.00
ASTORIA_GT_10 24110	22.39 0.99 0.00	22.78 0.81 0.00	21.15 0.70 0.00	19.24 0.69 0.00	20.22 0.64 0.00	24.42 0.71 0.00	26.18 0.99 0.00	26.87 1.25 0.00	25.40 1.28 0.00	25.14 1.40 0.00	27.16 1.63 0.00	30.68 2.05 0.00	28.93 2.12 0.00	30.38 2.33 0.00	29.08 2.13 0.00	32.39 2.43 0.00	36.52 2.69 0.00	42.20 2.89 0.00	43.49 2.96 0.00	45.48 2.60 0.00	42.83 2.35 0.00	42.72 2.47 0.00	34.67 2.07 0.00	29.78 1.67 0.00
ASTORIA_GT_11 24225	22.39 0.99 0.00	22.78 0.81 0.00	21.15 0.70 0.00	19.24 0.69 0.00	20.22 0.64 0.00	24.42 0.71 0.00	26.18 0.99 0.00	26.87 1.25 0.00	25.40 1.28 0.00	25.14 1.40 0.00	27.16 1.63 0.00	30.68 2.05 0.00	28.93 2.12 0.00	30.38 2.33 0.00	29.08 2.13 0.00	32.39 2.43 0.00	36.52 2.69 0.00	42.20 2.89 0.00	43.49 2.96 0.00	45.48 2.60 0.00	42.83 2.35 0.00	42.72 2.47 0.00	34.67 2.07 0.00	29.78 1.67 0.00
ASTORIA_GT_12 24226	22.39 0.99 0.00	22.78 0.81 0.00	21.15 0.70 0.00	19.24 0.69 0.00	20.22 0.64 0.00	24.42 0.71 0.00	26.18 0.99 0.00	26.87 1.25 0.00	25.40 1.28 0.00	25.14 1.40 0.00	27.16 1.63 0.00	30.68 2.05 0.00	28.93 2.12 0.00	30.38 2.33 0.00	29.08 2.13 0.00	32.39 2.43 0.00	36.52 2.69 0.00	42.20 2.89 0.00	43.49 2.96 0.00	45.48 2.60 0.00	42.83 2.35 0.00	42.72 2.47 0.00	34.67 2.07 0.00	29.78 1.67 0.00
ASTORIA_GT_13 24227	22.39 0.99 0.00	22.78 0.81 0.00	21.15 0.70 0.00	19.24 0.69 0.00	20.22 0.64 0.00	24.42 0.71 0.00	26.18 0.99 0.00	26.87 1.25 0.00	25.40 1.28 0.00	25.14 1.40 0.00	27.16 1.63 0.00	30.68 2.05 0.00	28.93 2.12 0.00	30.38 2.33 0.00	29.08 2.13 0.00	32.39 2.43 0.00	36.52 2.69 0.00	42.20 2.89 0.00	43.49 2.96 0.00	45.48 2.60 0.00	42.83 2.35 0.00	42.72 2.47 0.00	34.67 2.07 0.00	29.78 1.67 0.00
ASTORIA_GT_5 24106	22.45 1.05 0.00	22.87 0.90 0.00	21.24 0.80 0.00	19.30 0.75 0.00	20.29 0.71 0.00	24.49 0.78 0.00	26.27 1.08 0.00	26.93 1.30 0.00	25.46 1.34 0.00	25.20 1.47 0.00	27.23 1.70 0.00	30.75 2.12 0.00	28.99 2.18 0.00	30.43 2.38 0.00	29.15 2.20 0.00	32.43 2.46 0.00	36.54 2.72 0.00	42.26 2.96 0.00	43.55 3.02 0.00	45.54 2.66 0.00	42.89 2.41 0.00	42.78 2.53 0.00	34.76 2.16 0.00	29.87 1.76 0.00
ASTORIA_GT_7 24107	22.45 1.05 0.00	22.87 0.90 0.00	21.24 0.80 0.00	19.30 0.75 0.00	20.29 0.71 0.00	24.49 0.78 0.00	26.27 1.08 0.00	26.93 1.30 0.00	25.46 1.34 0.00	25.20 1.47 0.00	27.23 1.70 0.00	30.75 2.12 0.00	28.99 2.18 0.00	30.43 2.38 0.00	29.15 2.20 0.00	32.43 2.46 0.00	36.54 2.72 0.00	42.26 2.96 0.00	43.55 3.02 0.00	45.54 2.66 0.00	42.89 2.41 0.00	42.78 2.53 0.00	34.76 2.16 0.00	29.87 1.76 0.00
ASTORIA_GT_8 24108	22.45 1.05 0.00	22.87 0.90 0.00	21.24 0.80 0.00	19.30 0.75 0.00	20.29 0.71 0.00	24.49 0.78 0.00	26.27 1.08 0.00	26.93 1.30 0.00	25.46 1.34 0.00	25.20 1.47 0.00	27.23 1.70 0.00	30.75 2.12 0.00	28.99 2.18 0.00	30.43 2.38 0.00	29.15 2.20 0.00	32.43 2.46 0.00	36.54 2.72 0.00	42.26 2.96 0.00	43.55 3.02 0.00	45.54 2.66 0.00	42.89 2.41 0.00	42.78 2.53 0.00	34.76 2.16 0.00	29.87 1.76 0.00
ASTORIA___2 24149	22.42 1.01 0.00	22.83 0.86 0.00	21.20 0.76 0.00	19.27 0.72 0.00	20.26 0.68 0.00	24.45 0.74 0.00	26.22 1.02 0.00	26.87 1.25 0.00	25.41 1.30 -0.01	25.14 1.40 0.00	27.17 1.63 0.00	30.67 2.04 0.00	28.92 2.11 0.00	30.36 2.31 0.00	29.07 2.12 0.00	32.35 2.38 0.00	36.44 2.62 0.00	42.15 2.85 0.00	43.44 2.91 0.00	45.42 2.55 0.00	42.77 2.29 0.00	42.69 2.43 0.00	34.69 2.08 0.00	29.80 1.70 0.00
ASTORIA___3 23516	22.39 0.99 0.00	22.79 0.81 0.00	21.15 0.71 0.00	19.24 0.69 0.00	20.22 0.64 0.00	24.42 0.71 0.00	26.19 0.99 0.00	26.87 1.25 0.00	25.40 1.28 -0.01	25.14 1.40 0.00	27.17 1.63 0.00	30.67 2.04 0.00	28.93 2.12 0.00	30.38 2.33 0.00	29.08 2.12 0.00	32.39 2.43 0.00	36.52 2.69 0.00	42.20 2.89 0.00	43.49 2.96 0.00	45.47 2.59 0.00	42.83 2.35 0.00	42.72 2.47 0.00	34.68 2.08 0.00	29.78 1.67 0.00
ASTORIA___4 23517	22.39 0.99 0.00	22.78 0.81 0.00	21.15 0.70 0.00	19.24 0.69 0.00	20.22 0.64 0.00	24.42 0.71 0.00	26.18 0.99 0.00	26.87 1.25 0.00	25.40 1.28 0.00	25.14 1.40 0.00	27.16 1.63 0.00	30.68 2.05 0.00	28.93 2.12 0.00	30.38 2.33 0.00	29.08 2.13 0.00	32.39 2.43 0.00	36.52 2.69 0.00	42.20 2.89 0.00	43.49 2.96 0.00	45.48 2.60 0.00	42.83 2.35 0.00	42.72 2.47 0.00	34.67 2.07 0.00	29.78 1.67 0.00
ASTORIA___5 23518	22.39 0.99 0.00	22.79 0.81 0.00	21.15 0.70 0.00	19.24 0.69 0.00	20.22 0.64 0.00	24.42 0.71 0.00	26.19 0.99 0.00	26.87 1.25 0.00	25.40 1.28 -0.01	25.14 1.40 0.00	27.17 1.63 0.00	30.67 2.04 0.00	28.93 2.12 0.00	30.38 2.33 0.00	29.08 2.12 0.00	32.39 2.43 0.00	36.52 2.69 0.00	42.20 2.89 0.00	43.49 2.96 0.00	45.47 2.59 0.00	42.83 2.35 0.00	42.72 2.47 0.00	34.68 2.08 0.00	29.78 1.67 0.00
AST_ENERGY_2_CC3 323677	22.29 0.89 0.00	22.70 0.72 0.00	21.08 0.63 0.00	19.16 0.61 0.00	20.16 0.57 0.00	24.33 0.62 0.00	26.05 0.86 0.00	26.73 1.11 0.00	25.27 1.16 0.00	25.04 1.29 0.00	27.05 1.51 0.00	30.55 1.92 0.00	28.81 2.00 0.00	30.26 2.22 0.00	28.97 2.02 0.00	32.29 2.33 0.00	36.39 2.57 0.00	42.12 2.81 0.00	43.42 2.89 0.00	45.35 2.48 0.00	42.72 2.25 0.00	42.55 2.30 0.00	34.51 1.91 0.00	29.66 1.55 0.00
AST_ENERGY_2_CC4 323678	22.29 0.89 0.00	22.70 0.72 0.00	21.08 0.63 0.00	19.16 0.61 0.00	20.16 0.57 0.00	24.33 0.62 0.00	26.05 0.86 0.00	26.73 1.11 0.00	25.27 1.16 0.00	25.04 1.29 0.00	27.05 1.51 0.00	30.55 1.92 0.00	28.81 2.00 0.00	30.26 2.22 0.00	28.97 2.02 0.00	32.29 2.33 0.00	36.39 2.57 0.00	42.12 2.81 0.00	43.42 2.89 0.00	45.35 2.48 0.00	42.72 2.25 0.00	42.55 2.30 0.00	34.51 1.91 0.00	29.66 1.55 0.00

ATHENS_STG_1 23668	21.79 0.39 0.00	22.29 0.31 0.00	20.78 0.33 0.00	18.89 0.33 0.00	19.91 0.33 0.00	23.98 0.27 0.00	25.56 0.36 0.00	26.11 0.49 0.00	24.54 0.43 0.00	24.20 0.46 0.00	26.02 0.49 0.00	29.27 0.64 0.00	27.50 0.69 0.00	28.85 0.81 0.00	27.68 0.72 0.00	30.81 0.85 0.00	34.80 0.98 0.00	40.32 1.01 0.00	41.68 1.15 0.00	43.84 0.96 0.00	41.44 0.96 0.00	41.24 0.99 0.00	33.41 0.81 0.00	28.78 0.66 0.00
ATHENS_STG_2 23670	21.79 0.39 0.00	22.29 0.31 0.00	20.78 0.33 0.00	18.89 0.33 0.00	19.91 0.33 0.00	23.98 0.27 0.00	25.56 0.36 0.00	26.11 0.49 0.00	24.54 0.43 0.00	24.20 0.46 0.00	26.02 0.49 0.00	29.27 0.64 0.00	27.50 0.69 0.00	28.85 0.81 0.00	27.68 0.72 0.00	30.81 0.85 0.00	34.80 0.98 0.00	40.32 1.01 0.00	41.68 1.15 0.00	43.84 0.96 0.00	41.44 0.96 0.00	41.24 0.99 0.00	33.41 0.81 0.00	28.78 0.66 0.00
ATHENS_STG_3 23677	21.79 0.39 0.00	22.29 0.31 0.00	20.78 0.33 0.00	18.89 0.33 0.00	19.91 0.33 0.00	23.98 0.27 0.00	25.56 0.36 0.00	26.11 0.49 0.00	24.54 0.43 0.00	24.20 0.46 0.00	26.02 0.49 0.00	29.27 0.64 0.00	27.50 0.69 0.00	28.85 0.81 0.00	27.68 0.72 0.00	30.81 0.85 0.00	34.80 0.98 0.00	40.32 1.01 0.00	41.68 1.15 0.00	43.84 0.96 0.00	41.44 0.96 0.00	41.24 0.99 0.00	33.41 0.81 0.00	28.78 0.66 0.00
AUBURN___LFGE 323710	21.40 0.00 0.00	22.01 0.04 0.00	20.52 0.08 0.00	18.60 0.05 0.00	19.63 0.04 0.00	23.89 0.18 0.00	25.40 0.20 0.00	25.80 0.17 0.00	24.38 0.27 0.00	23.97 0.23 0.00	25.77 0.23 0.00	29.00 0.37 0.00	27.28 0.47 0.00	28.51 0.47 0.00	27.17 0.21 0.00	30.27 0.31 0.00	34.21 0.39 0.00	39.98 0.67 0.00	41.42 0.89 0.00	43.71 0.84 0.00	41.15 0.67 0.00	40.72 0.47 0.00	32.91 0.31 0.00	28.30 0.19 0.00
BABYLON_RES_REC 323704	22.44 1.03 0.00	22.90 0.92 0.00	21.14 0.70 0.00	19.36 0.81 0.00	20.30 0.72 0.00	24.39 0.68 0.00	26.13 0.94 0.00	26.89 1.26 0.00	25.27 1.16 0.00	25.00 1.27 0.00	27.22 1.68 0.00	30.84 2.21 0.00	30.49 2.41 -1.28	32.16 2.64 -1.48	29.15 2.20 0.00	32.37 2.41 0.00	36.54 2.72 0.00	42.08 2.78 0.00	43.61 3.08 0.00	45.41 2.54 0.00	42.79 2.31 0.00	42.87 2.61 0.00	34.90 2.29 0.00	30.08 1.97 0.00
BABYLON__69_KV_BK2 356345	22.62 1.21 0.00	23.09 1.11 0.00	21.31 0.86 0.00	19.52 0.97 0.00	20.46 0.88 0.00	24.59 0.87 0.00	26.34 1.15 0.00	27.11 1.49 0.00	25.50 1.40 0.00	25.24 1.51 0.00	27.48 1.94 0.00	31.17 2.54 0.00	30.83 2.75 -1.28	32.54 3.02 -1.48	29.63 2.68 0.00	33.05 3.08 0.00	37.38 3.56 0.00	43.11 3.81 0.00	44.71 4.18 0.00	46.51 3.63 0.00	43.67 3.19 0.00	43.69 3.44 0.00	35.31 2.71 0.00	30.41 2.30 0.00
BALL_HILL_WT_PWR 323825	20.79 -0.61 0.00	21.59 -0.39 0.00	20.00 -0.45 0.00	18.01 -0.55 0.00	19.16 -0.42 0.00	23.65 -0.06 0.00	25.13 -0.06 0.00	25.70 0.08 0.00	24.45 0.34 0.00	24.17 0.43 0.00	26.20 0.67 0.00	30.39 1.42 -0.34	29.03 1.22 -1.00	29.28 1.08 -0.16	28.33 0.44 -0.93	32.87 0.72 -2.18	37.46 0.43 -3.21	45.35 1.02 -5.03	45.77 0.82 -4.42	47.30 0.49 -3.93	40.43 -0.05 0.00	40.36 0.11 0.00	32.83 0.23 0.00	28.18 0.07 0.00
BARON_WINDS___WT_PWR 323822	20.94 -0.46 0.00	21.63 -0.35 0.00	20.06 -0.38 0.00	18.10 -0.45 0.00	19.24 -0.35 0.00	23.58 -0.14 0.00	25.06 -0.13 0.00	25.42 -0.20 0.00	24.19 0.08 0.00	23.88 0.14 0.00	25.78 0.25 0.00	29.63 0.92 -0.08	27.82 0.76 -0.24	28.71 0.63 -0.04	27.39 0.21 -0.23	30.85 0.34 -0.54	34.53 -0.07 -0.79	40.91 0.37 -1.23	41.85 0.24 -1.08	43.94 0.10 -0.96	40.10 -0.38 0.00	40.19 -0.07 0.00	32.62 0.02 0.00	27.96 -0.14 0.00
BARRETT_IC_1 23704	22.32 0.91 0.00	22.76 0.79 0.00	21.02 0.58 0.00	19.22 0.67 0.00	20.18 0.60 0.00	24.25 0.54 0.00	25.90 0.70 0.00	26.58 0.95 0.00	24.99 0.88 0.00	24.78 1.04 0.00	27.03 1.50 0.00	30.62 1.99 0.00	30.24 2.16 -1.28	31.87 2.35 -1.48	28.98 2.03 0.00	32.25 2.28 0.00	36.37 2.55 0.00	42.09 2.79 0.00	43.54 3.02 0.00	45.39 2.51 0.00	42.67 2.20 0.00	42.66 2.41 0.00	34.64 2.03 0.00	29.83 1.72 0.00
BARRETT_IC_10 23701	22.32 0.91 0.00	22.76 0.79 0.00	21.02 0.58 0.00	19.22 0.67 0.00	20.18 0.60 0.00	24.25 0.54 0.00	25.90 0.70 0.00	26.58 0.95 0.00	24.99 0.88 0.00	24.78 1.04 0.00	27.03 1.50 0.00	30.62 1.99 0.00	30.24 2.16 -1.28	31.87 2.35 -1.48	28.98 2.03 0.00	32.25 2.28 0.00	36.37 2.55 0.00	42.09 2.79 0.00	43.54 3.02 0.00	45.39 2.51 0.00	42.67 2.20 0.00	42.66 2.41 0.00	34.64 2.03 0.00	29.83 1.72 0.00
BARRETT_IC_11 23702	22.32 0.91 0.00	22.76 0.79 0.00	21.02 0.58 0.00	19.22 0.67 0.00	20.18 0.60 0.00	24.25 0.54 0.00	25.90 0.70 0.00	26.58 0.95 0.00	24.99 0.88 0.00	24.78 1.04 0.00	27.03 1.50 0.00	30.62 1.99 0.00	30.24 2.16 -1.28	31.87 2.35 -1.48	28.98 2.03 0.00	32.25 2.28 0.00	36.37 2.55 0.00	42.09 2.79 0.00	43.54 3.02 0.00	45.39 2.51 0.00	42.67 2.20 0.00	42.66 2.41 0.00	34.64 2.03 0.00	29.83 1.72 0.00
BARRETT_IC_12 23703	22.32 0.91 0.00	22.76 0.79 0.00	21.02 0.58 0.00	19.22 0.67 0.00	20.18 0.60 0.00	24.25 0.54 0.00	25.90 0.70 0.00	26.58 0.95 0.00	24.99 0.88 0.00	24.78 1.04 0.00	27.03 1.50 0.00	30.62 1.99 0.00	30.24 2.16 -1.28	31.87 2.35 -1.48	28.98 2.03 0.00	32.25 2.28 0.00	36.37 2.55 0.00	42.09 2.79 0.00	43.54 3.02 0.00	45.39 2.51 0.00	42.67 2.20 0.00	42.66 2.41 0.00	34.64 2.03 0.00	29.83 1.72 0.00
BARRETT_IC_2 23705	22.32 0.91 0.00	22.76 0.79 0.00	21.02 0.58 0.00	19.22 0.67 0.00	20.18 0.60 0.00	24.25 0.54 0.00	25.90 0.70 0.00	26.58 0.95 0.00	24.99 0.88 0.00	24.78 1.04 0.00	27.03 1.50 0.00	30.62 1.99 0.00	30.24 2.16 -1.28	31.87 2.35 -1.48	28.98 2.03 0.00	32.25 2.28 0.00	36.37 2.55 0.00	42.09 2.79 0.00	43.54 3.02 0.00	45.39 2.51 0.00	42.67 2.20 0.00	42.66 2.41 0.00	34.64 2.03 0.00	29.83 1.72 0.00
BARRETT_IC_3 23706	22.32 0.91 0.00	22.76 0.79 0.00	21.02 0.58 0.00	19.22 0.67 0.00	20.18 0.60 0.00	24.25 0.54 0.00	25.90 0.70 0.00	26.58 0.95 0.00	24.99 0.88 0.00	24.78 1.04 0.00	27.03 1.50 0.00	30.62 1.99 0.00	30.24 2.16 -1.28	31.87 2.35 -1.48	28.98 2.03 0.00	32.25 2.28 0.00	36.37 2.55 0.00	42.09 2.79 0.00	43.54 3.02 0.00	45.39 2.51 0.00	42.67 2.20 0.00	42.66 2.41 0.00	34.64 2.03 0.00	29.83 1.72 0.00
BARRETT_IC_4 23707	22.32 0.91 0.00	22.76 0.79 0.00	21.02 0.58 0.00	19.22 0.67 0.00	20.18 0.60 0.00	24.25 0.54 0.00	25.90 0.70 0.00	26.58 0.95 0.00	24.99 0.88 0.00	24.78 1.04 0.00	27.03 1.50 0.00	30.62 1.99 0.00	30.24 2.16 -1.28	31.87 2.35 -1.48	28.98 2.03 0.00	32.25 2.28 0.00	36.37 2.55 0.00	42.09 2.79 0.00	43.54 3.02 0.00	45.39 2.51 0.00	42.67 2.20 0.00	42.66 2.41 0.00	34.64 2.03 0.00	29.83 1.72 0.00

BARRETT_IC_5 23708	22.32 0.91 0.00	22.76 0.79 0.00	21.02 0.58 0.00	19.22 0.67 0.00	20.18 0.60 0.00	24.25 0.54 0.00	25.90 0.70 0.00	26.58 0.95 0.00	24.99 0.88 0.00	24.78 1.04 0.00	27.03 1.50 0.00	30.62 1.99 0.00	30.24 2.16 -1.28	31.87 2.35 -1.48	28.98 2.03 0.00	32.25 2.28 0.00	36.37 2.55 0.00	42.09 2.79 0.00	43.54 3.02 0.00	45.39 2.51 0.00	42.67 2.20 0.00	42.66 2.41 0.00	34.64 2.03 0.00	29.83 1.72 0.00
BARRETT_IC_6 23709	22.32 0.91 0.00	22.76 0.79 0.00	21.02 0.58 0.00	19.22 0.67 0.00	20.18 0.60 0.00	24.25 0.54 0.00	25.90 0.70 0.00	26.58 0.95 0.00	24.99 0.88 0.00	24.78 1.04 0.00	27.03 1.50 0.00	30.62 1.99 0.00	30.24 2.16 -1.28	31.87 2.35 -1.48	28.98 2.03 0.00	32.25 2.28 0.00	36.37 2.55 0.00	42.09 2.79 0.00	43.54 3.02 0.00	45.39 2.51 0.00	42.67 2.20 0.00	42.66 2.41 0.00	34.64 2.03 0.00	29.83 1.72 0.00
BARRETT_IC_7 23710	22.31 0.91 0.00	22.77 0.79 0.00	21.03 0.58 0.00	19.23 0.67 0.00	20.18 0.60 0.00	24.25 0.54 0.00	25.90 0.70 0.00	26.58 0.95 0.00	24.99 0.88 0.00	24.78 1.04 0.00	27.03 1.50 0.00	30.62 1.99 0.00	30.24 2.16 -1.28	31.87 2.35 -1.48	28.98 2.03 0.00	32.25 2.28 0.00	36.37 2.55 0.00	42.09 2.79 0.00	43.54 3.02 0.00	45.39 2.51 0.00	42.67 2.20 0.00	42.66 2.41 0.00	34.64 2.03 0.00	29.83 1.72 0.00
BARRETT_IC_8 23711	22.32 0.91 0.00	22.76 0.79 0.00	21.02 0.58 0.00	19.22 0.67 0.00	20.18 0.60 0.00	24.25 0.54 0.00	25.90 0.70 0.00	26.58 0.95 0.00	24.99 0.88 0.00	24.78 1.04 0.00	27.03 1.50 0.00	30.62 1.99 0.00	30.24 2.16 -1.28	31.87 2.35 -1.48	28.98 2.03 0.00	32.25 2.28 0.00	36.37 2.55 0.00	42.09 2.79 0.00	43.54 3.02 0.00	45.39 2.51 0.00	42.67 2.20 0.00	42.66 2.41 0.00	34.64 2.03 0.00	29.83 1.72 0.00
BARRETT_IC_9 23700	22.32 0.91 0.00	22.76 0.79 0.00	21.02 0.58 0.00	19.22 0.67 0.00	20.18 0.60 0.00	24.25 0.54 0.00	25.90 0.70 0.00	26.58 0.95 0.00	24.99 0.88 0.00	24.78 1.04 0.00	27.03 1.50 0.00	30.62 1.99 0.00	30.24 2.16 -1.28	31.87 2.35 2.03	28.98 2.03 0.00	32.25 2.28 0.00	36.37 2.55 0.00	42.09 2.79 0.00	43.54 3.02 0.00	45.39 2.51 0.00	42.67 2.20 0.00	42.66 2.41 0.00	34.64 2.03 0.00	29.83 1.72 0.00
BARRETT___1 23545	22.32 0.91 0.00	22.76 0.79 0.00	21.02 0.58 0.00	19.22 0.67 0.00	20.18 0.60 0.00	24.25 0.54 0.00	25.90 0.70 0.00	26.58 0.95 0.00	24.99 0.88 0.00	24.78 1.04 0.00	27.03 1.50 0.00	30.62 1.99 0.00	30.24 2.16 -1.28	31.87 2.35 -1.48	28.98 2.03 0.00	32.25 2.28 0.00	36.37 2.55 0.00	42.09 2.79 0.00	43.54 3.02 0.00	45.39 2.51 0.00	42.67 2.20 0.00	42.66 2.41 0.00	34.64 2.03 0.00	29.83 1.72 0.00
BARRETT___2 23546	22.32 0.91 0.00	22.76 0.79 0.00	21.02 0.58 0.00	19.22 0.67 0.00	20.18 0.60 0.00	24.25 0.54 0.00	25.90 0.70 0.00	26.58 0.95 0.00	24.99 0.88 0.00	24.78 1.04 0.00	27.03 1.50 0.00	30.62 1.99 0.00	30.24 2.16 -1.28	31.87 2.35 -1.48	28.98 2.03 0.00	32.25 2.28 0.00	36.37 2.55 0.00	42.09 2.79 0.00	43.54 3.02 0.00	45.39 2.51 0.00	42.67 2.20 0.00	42.66 2.41 0.00	34.64 2.03 0.00	29.83 1.72 0.00
BATAVIA__115KV_TB1 55881	21.10 -0.31 0.00	21.88 -0.10 0.00	20.24 -0.21 0.00	18.22 -0.33 0.00	19.38 -0.20 0.00	23.89 0.18 0.00	25.42 0.23 0.00	26.04 0.41 0.00	24.59 0.48 0.00	24.20 0.46 0.00	26.27 0.73 0.00	30.03 1.46 0.06	28.01 1.38 0.18	29.22 1.21 0.03	27.30 0.52 0.17	30.37 0.81 0.40	33.97 0.74 0.59	39.77 1.40 0.93	41.14 1.43 0.82	43.39 1.24 0.72	41.31 0.84 0.00	41.06 0.81 0.00	33.38 0.78 0.00	28.65 0.54 0.00
BAYONEEC___CTG1 323682	22.33 0.93 0.00	22.74 0.76 0.00	21.11 0.67 0.00	19.19 0.64 0.00	20.19 0.60 0.00	24.37 0.66 0.00	26.10 0.91 0.00	26.79 1.16 0.00	25.31 1.20 0.00	25.07 1.34 0.00	27.10 1.57 0.00	30.60 1.97 0.00	28.86 2.05 0.00	30.32 2.28 0.00	29.03 2.08 0.00	32.35 2.39 0.00	36.45 2.62 0.00	42.17 2.87 0.00	43.48 2.95 0.00	45.42 2.54 0.00	42.77 2.29 0.00	42.61 2.35 0.00	34.57 1.97 0.00	29.72 1.61 0.00
BAYONEEC___CTG10 323750	22.33 0.93 0.00	22.74 0.76 0.00	21.11 0.67 0.00	19.19 0.64 0.00	20.19 0.60 0.00	24.37 0.66 0.00	26.10 0.91 0.00	26.79 1.16 0.00	25.31 1.20 0.00	25.07 1.34 0.00	27.10 1.57 0.00	30.60 1.97 0.00	28.86 2.05 0.00	30.32 2.28 0.00	29.03 2.08 0.00	32.35 2.39 0.00	36.45 2.62 0.00	42.17 2.87 0.00	43.48 2.95 0.00	45.42 2.54 0.00	42.77 2.29 0.00	42.61 2.35 0.00	34.57 1.97 0.00	29.72 1.61 0.00
BAYONEEC___CTG2 323683	22.33 0.93 0.00	22.74 0.76 0.00	21.11 0.67 0.00	19.19 0.64 0.00	20.19 0.60 0.00	24.37 0.66 0.00	26.10 0.91 0.00	26.79 1.16 0.00	25.31 1.20 0.00	25.07 1.34 0.00	27.10 1.57 0.00	30.60 1.97 0.00	28.86 2.05 0.00	30.32 2.28 0.00	29.03 2.08 0.00	32.35 2.39 0.00	36.45 2.62 0.00	42.17 2.87 0.00	43.48 2.95 0.00	45.42 2.54 0.00	42.77 2.29 0.00	42.61 2.35 0.00	34.57 1.97 0.00	29.72 1.61 0.00
BAYONEEC___CTG3 323684	22.33 0.93 0.00	22.74 0.76 0.00	21.11 0.67 0.00	19.19 0.64 0.00	20.19 0.60 0.00	24.37 0.66 0.00	26.10 0.91 0.00	26.79 1.16 0.00	25.31 1.20 0.00	25.07 1.34 0.00	27.10 1.57 0.00	30.60 1.97 0.00	28.86 2.05 0.00	30.32 2.28 0.00	29.03 2.08 0.00	32.35 2.39 0.00	36.45 2.62 0.00	42.17 2.87 0.00	43.48 2.95 0.00	45.42 2.54 0.00	42.77 2.29 0.00	42.61 2.35 0.00	34.57 1.97 0.00	29.72 1.61 0.00
BAYONEEC___CTG4 323685	22.33 0.93 0.00	22.74 0.76 0.00	21.11 0.67 0.00	19.19 0.64 0.00	20.19 0.60 0.00	24.37 0.66 0.00	26.10 0.91 0.00	26.79 1.16 0.00	25.31 1.20 0.00	25.07 1.34 0.00	27.10 1.57 0.00	30.60 1.97 0.00	28.86 2.05 0.00	30.32 2.28 0.00	29.03 2.08 0.00	32.35 2.39 0.00	36.45 2.62 0.00	42.17 2.87 0.00	43.48 2.95 0.00	45.42 2.54 0.00	42.77 2.29 0.00	42.61 2.35 0.00	34.57 1.97 0.00	29.72 1.61 0.00
BAYONEEC___CTG5 323686	22.33 0.93 0.00	22.74 0.76 0.00	21.11 0.67 0.00	19.19 0.64 0.00	20.19 0.60 0.00	24.37 0.66 0.00	26.10 0.91 0.00	26.79 1.16 0.00	25.31 1.20 0.00	25.07 1.34 0.00	27.10 1.57 0.00	30.60 1.97 0.00	28.86 2.05 0.00	30.32 2.28 0.00	29.03 2.08 0.00	32.35 2.39 0.00	36.45 2.62 0.00	42.17 2.87 0.00	43.48 2.95 0.00	45.42 2.54 0.00	42.77 2.29 0.00	42.61 2.35 0.00	34.57 1.97 0.00	29.72 1.61 0.00
BAYONEEC___CTG6 323687	22.33 0.93 0.00	22.74 0.76 0.00	21.11 0.67 0.00	19.19 0.64 0.00	20.19 0.60 0.00	24.37 0.66 0.00	26.10 0.91 0.00	26.79 1.16 0.00	25.31 1.20 0.00	25.07 1.34 0.00	27.10 1.57 0.00	30.60 1.97 0.00	28.86 2.05 0.00	30.32 2.28 0.00	29.03 2.08 0.00	32.35 2.39 0.00	36.45 2.62 0.00	42.17 2.87 0.00	43.48 2.95 0.00	45.42 2.54 0.00	42.77 2.29 0.00	42.61 2.35 0.00	34.57 1.97 0.00	29.72 1.61 0.00

BAYONEEC___CTG7 323688	22.33 0.93 0.00	22.74 0.76 0.00	21.11 0.67 0.00	19.19 0.64 0.00	20.19 0.60 0.00	24.37 0.66 0.00	26.10 0.91 0.00	26.79 1.16 0.00	25.31 1.20 0.00	25.07 1.34 0.00	27.10 1.57 0.00	30.60 1.97 0.00	28.86 2.05 0.00	30.32 2.28 0.00	29.03 2.08 0.00	32.35 2.39 0.00	36.45 2.62 0.00	42.17 2.87 0.00	43.48 2.95 0.00	45.42 2.54 0.00	42.77 2.29 0.00	42.61 2.35 0.00	34.57 1.97 0.00	29.72 1.61 0.00
BAYONEEC___CTG8 323689	22.33 0.93 0.00	22.74 0.76 0.00	21.11 0.67 0.00	19.19 0.64 0.00	20.19 0.60 0.00	24.37 0.66 0.00	26.10 0.91 0.00	26.79 1.16 0.00	25.31 1.20 0.00	25.07 1.34 0.00	27.10 1.57 0.00	30.60 1.97 0.00	28.86 2.05 0.00	30.32 2.28 0.00	29.03 2.08 0.00	32.35 2.39 0.00	36.45 2.62 0.00	42.17 2.87 0.00	43.48 2.95 0.00	45.42 2.54 0.00	42.77 2.29 0.00	42.61 2.35 0.00	34.57 1.97 0.00	29.72 1.61 0.00
BAYONEEC___CTG9 323749	22.33 0.93 0.00	22.74 0.76 0.00	21.11 0.67 0.00	19.19 0.64 0.00	20.19 0.60 0.00	24.37 0.66 0.00	26.10 0.91 0.00	26.79 1.16 0.00	25.31 1.20 0.00	25.07 1.34 0.00	27.10 1.57 0.00	30.60 1.97 0.00	28.86 2.05 0.00	30.32 2.28 0.00	29.03 2.08 0.00	32.35 2.39 0.00	36.45 2.62 0.00	42.17 2.87 0.00	43.48 2.95 0.00	45.42 2.54 0.00	42.77 2.29 0.00	42.61 2.35 0.00	34.57 1.97 0.00	29.72 1.61 0.00
BEACON___LESR 323632	21.76 0.36 0.00	22.31 0.33 0.00	20.87 0.43 0.00	18.95 0.39 0.00	19.98 0.40 0.00	24.13 0.42 0.00	25.67 0.48 0.00	26.23 0.61 0.00	24.47 0.36 0.00	24.08 0.34 0.00	25.84 0.30 0.00	28.97 0.34 0.00	27.21 0.40 0.00	28.54 0.50 0.00	27.39 0.43 0.00	30.51 0.55 0.00	34.68 0.85 0.00	40.19 0.88 0.00	41.72 1.19 0.00	43.98 1.10 0.00	41.65 1.17 0.00	41.36 1.11 0.00	33.42 0.82 0.00	28.76 0.65 0.00
BEAVER RIVER___HYD 24048	21.22 -0.18 0.00	21.77 -0.21 0.00	20.19 -0.25 0.00	18.35 -0.21 0.00	19.39 -0.19 0.00	23.49 -0.22 0.00	25.01 -0.18 0.00	24.99 -0.64 0.00	23.47 -0.64 0.00	23.02 -0.72 0.00	24.53 -1.00 0.00	27.45 -1.18 0.00	25.57 -1.24 0.00	26.63 -1.42 0.00	25.65 -1.30 0.00	28.65 -1.31 0.00	32.56 -1.26 0.00	38.32 -0.99 0.00	39.96 -0.57 0.00	42.55 -0.32 0.00	40.09 -0.38 0.00	39.46 -0.79 0.00	31.84 -0.76 0.00	27.53 -0.58 0.00
BEEBEE_GT_13 23619	20.99 -0.41 0.00	21.70 -0.27 0.00	20.11 -0.33 0.00	18.16 -0.40 0.00	19.26 -0.33 0.00	23.61 -0.10 0.00	25.07 -0.13 0.00	25.60 -0.02 0.00	24.18 0.07 0.00	23.87 0.13 0.00	25.86 0.33 0.00	29.45 0.82 0.00	27.57 0.76 0.00	28.73 0.68 0.00	27.21 0.25 0.00	30.45 0.48 0.00	34.22 0.40 0.00	40.10 0.79 0.00	41.32 0.79 0.00	43.40 0.52 0.00	40.68 0.21 0.00	40.41 0.16 0.00	32.78 0.18 0.00	28.15 0.03 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.59 1.19 0.00	23.01 1.03 0.00	21.35 0.90 0.00	19.40 0.85 0.00	20.39 0.81 0.00	24.64 0.93 0.00	26.41 1.22 0.00	27.08 1.46 0.00	25.60 1.49 0.00	25.36 1.62 0.00	27.40 1.86 0.00	30.96 2.33 0.00	29.20 2.39 0.00	30.67 2.63 0.00	29.36 2.40 0.00	32.73 2.76 0.00	36.88 3.06 0.00	42.63 3.33 0.00	43.94 3.42 0.00	46.01 3.13 0.00	43.31 2.84 0.00	43.27 3.01 0.00	35.12 2.52 0.00	30.11 2.00 0.00
BETHLEHEM___GRP 23843	21.48 0.08 0.00	22.05 0.07 0.00	20.70 0.25 0.00	18.81 0.26 0.00	19.84 0.26 0.00	23.89 0.18 0.00	25.41 0.21 0.00	25.93 0.30 0.00	24.16 0.05 0.00	23.78 0.04 0.00	25.46 -0.08 0.00	28.54 -0.09 0.00	26.80 -0.01 0.00	28.11 0.06 0.00	26.99 0.04 0.00	30.01 0.04 0.00	34.00 0.17 0.00	39.38 0.08 0.00	40.83 0.30 0.00	43.07 0.19 0.00	40.85 0.37 0.00	40.61 0.36 0.00	32.87 0.27 0.00	28.33 0.22 0.00
BETHLEHEM___GS1 323560	21.48 0.08 0.00	22.05 0.07 0.00	20.70 0.25 0.00	18.81 0.26 0.00	19.84 0.26 0.00	23.89 0.18 0.00	25.41 0.21 0.00	25.93 0.30 0.00	24.16 0.05 0.00	23.78 0.04 0.00	25.46 -0.08 0.00	28.54 -0.09 0.00	26.80 -0.01 0.00	28.11 0.07 0.00	26.99 0.04 0.00	30.01 0.04 0.00	34.00 0.17 0.00	39.38 0.08 0.00	40.83 0.30 0.00	43.07 0.19 0.00	40.85 0.37 0.00	40.61 0.36 0.00	32.87 0.27 0.00	28.33 0.22 0.00
BETHLEHEM___GS2 323561	21.48 0.08 0.00	22.05 0.07 0.00	20.70 0.25 0.00	18.81 0.26 0.00	19.84 0.26 0.00	23.89 0.18 0.00	25.41 0.21 0.00	25.93 0.30 0.00	24.16 0.05 0.00	23.78 0.04 0.00	25.46 -0.08 0.00	28.54 -0.09 0.00	26.80 -0.01 0.00	28.11 0.07 0.00	26.99 0.04 0.00	30.01 0.04 0.00	34.00 0.17 0.00	39.38 0.08 0.00	40.83 0.30 0.00	43.07 0.19 0.00	40.85 0.37 0.00	40.61 0.36 0.00	32.87 0.27 0.00	28.33 0.22 0.00
BETHLEHEM___GS3 323562	21.48 0.08 0.00	22.05 0.07 0.00	20.70 0.25 0.00	18.81 0.26 0.00	19.84 0.26 0.00	23.89 0.18 0.00	25.41 0.21 0.00	25.93 0.30 0.00	24.16 0.05 0.00	23.78 0.04 0.00	25.46 -0.08 0.00	28.54 -0.09 0.00	26.80 -0.01 0.00	28.11 0.07 0.00	26.99 0.04 0.00	30.01 0.04 0.00	34.00 0.17 0.00	39.38 0.08 0.00	40.83 0.30 0.00	43.07 0.19 0.00	40.85 0.37 0.00	40.61 0.36 0.00	32.87 0.27 0.00	28.33 0.22 0.00
BETHLEHEM___STEEL 23779	20.74 -0.66 0.00	21.54 -0.44 0.00	19.94 -0.51 0.00	17.95 -0.61 0.00	19.09 -0.50 0.00	23.56 -0.15 0.00	25.04 -0.16 0.00	25.60 -0.02 0.00	24.34 0.23 0.00	24.05 0.31 0.00	26.11 0.57 0.00	30.22 1.30 -0.29	28.77 1.11 -0.84	29.15 0.96 -0.14	28.03 0.29 -0.79	32.37 0.55 -1.85	36.84 0.30 -2.72	44.40 0.84 -4.26	44.93 0.65 -3.74	46.51 0.30 -3.33	40.33 -0.15 0.00	40.19 -0.06 0.00	32.75 0.15 0.00	28.14 0.03 0.00
BETHLHEM_115KV_TB1 79974	21.52 0.12 0.00	22.09 0.11 0.00	20.72 0.27 0.00	18.83 0.27 0.00	19.86 0.28 0.00	23.92 0.20 0.00	25.43 0.24 0.00	25.96 0.34 0.00	24.22 0.11 0.00	23.83 0.09 0.00	25.54 0.00 0.00	28.63 0.00 0.00	26.89 0.08 0.00	28.21 0.16 0.00	27.08 0.12 0.00	30.11 0.15 0.00	34.10 0.28 0.00	39.51 0.20 0.00	40.94 0.41 0.00	43.19 0.31 0.00	40.95 0.47 0.00	40.72 0.47 0.00	32.96 0.35 0.00	28.40 0.29 0.00
BETHPAGE_CC_5 323564	22.44 1.04 0.00	22.90 0.93 0.00	21.15 0.70 0.00	19.35 0.80 0.00	20.30 0.72 0.00	24.40 0.69 0.00	26.13 0.94 0.00	26.88 1.26 0.00	25.28 1.17 0.00	24.98 1.24 0.00	27.21 1.67 0.00	30.84 2.21 0.00	30.49 2.41 -1.28	32.15 2.62 -1.48	29.24 2.29 0.00	32.53 2.56 0.00	36.73 2.91 0.00	42.44 3.14 0.00	43.94 3.41 0.00	45.76 2.88 0.00	42.99 2.51 0.00	43.03 2.78 0.00	34.79 2.19 0.00	29.98 1.87 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.81 -0.59 0.00	21.60 -0.38 0.00	19.99 -0.45 0.00	17.99 -0.56 0.00	19.14 -0.44 0.00	23.63 -0.08 0.00	25.10 -0.09 0.00	25.68 0.05 0.00	24.42 0.31 0.00	24.13 0.39 0.00	26.21 0.67 0.00	30.32 1.41 -0.28	28.84 1.21 -0.82	29.25 1.08 -0.13	28.11 0.40 -0.77	32.43 0.68 -1.79	36.90 0.44 -2.64	44.43 1.00 -4.13	44.97 0.81 -3.63	46.57 0.47 -3.23	40.49 0.01 0.00	40.35 0.10 0.00	32.86 0.25 0.00	28.23 0.12 0.00

BINGHAMTON___COGEN 23790	21.37 -0.03 0.00	21.96 -0.02 0.00	20.40 -0.04 0.00	18.48 -0.07 0.00	19.57 -0.01 0.00	23.78 0.07 0.00	25.29 0.10 0.00	25.87 0.24 0.00	24.42 0.31 0.00	24.07 0.33 0.00	25.91 0.38 0.00	29.33 0.68 -0.03	27.53 0.64 -0.08	28.74 0.68 -0.01	27.54 0.51 -0.08	30.79 0.65 -0.18	34.70 0.62 -0.27	40.56 0.84 -0.42	41.80 0.90 -0.37	43.97 0.77 -0.33	41.02 0.54 0.00	40.84 0.59 0.00	33.05 0.45 0.00	28.42 0.30 0.00
BIXINCNT_115KV_LOAD 355685	20.97 -0.43 0.00	21.79 -0.18 0.00	20.18 -0.26 0.00	18.19 -0.36 0.00	19.35 -0.23 0.00	23.89 0.19 0.00	25.39 0.19 0.00	26.00 0.38 0.00	24.76 0.65 0.00	24.48 0.74 0.00	26.53 1.00 0.00	30.65 1.78 -0.25	29.02 1.49 -0.72	29.56 1.40 -0.12	28.35 0.73 -0.67	32.51 0.97 -1.58	36.79 0.65 -2.32	44.17 1.23 -3.63	44.77 1.06 -3.19	46.57 0.85 -2.84	40.93 0.45 0.00	40.81 0.55 0.00	33.19 0.58 0.00	28.49 0.38 0.00
BLACK RIVER___HYD 24047	21.25 -0.15 0.00	21.80 -0.18 0.00	20.22 -0.22 0.00	18.36 -0.19 0.00	19.43 -0.15 0.00	23.55 -0.16 0.00	25.06 -0.13 0.00	25.07 -0.55 0.00	23.59 -0.52 0.00	23.11 -0.62 0.00	24.60 -0.94 0.00	27.57 -1.06 0.00	25.70 -1.11 0.00	26.76 -1.28 0.00	25.71 -1.25 0.00	28.76 -1.20 0.00	32.69 -1.13 0.00	38.46 -0.84 0.00	40.17 -0.36 0.00	42.83 -0.05 0.00	40.43 -0.05 0.00	39.74 -0.51 0.00	32.03 -0.57 0.00	27.64 -0.47 0.00
BLACKRVR_115KV_TB2 79977	21.25 -0.15 0.00	21.80 -0.18 0.00	20.22 -0.22 0.00	18.36 -0.19 0.00	19.43 -0.15 0.00	23.55 -0.16 0.00	25.06 -0.14 0.00	25.07 -0.55 0.00	23.59 -0.52 0.00	23.11 -0.62 0.00	24.60 -0.94 0.00	27.57 -1.06 0.00	25.70 -1.11 0.00	26.76 -1.28 0.00	25.71 -1.25 0.00	28.76 -1.20 0.00	32.69 -1.13 0.00	38.46 -0.84 0.00	40.17 -0.36 0.00	42.83 -0.05 0.00	40.42 -0.05 0.00	39.74 -0.51 0.00	32.03 -0.57 0.00	27.64 -0.47 0.00
BLISS_WT_PWR 323608	20.95 -0.46 0.00	21.77 -0.20 0.00	20.17 -0.28 0.00	18.19 -0.36 0.00	19.35 -0.23 0.00	23.89 0.18 0.00	25.38 0.19 0.00	26.01 0.39 0.00	24.75 0.64 0.00	24.49 0.75 0.00	26.54 1.01 0.00	30.66 1.79 -0.25	29.04 1.51 -0.72	29.57 1.41 -0.12	28.38 0.75 -0.67	32.50 0.96 -1.58	36.78 0.64 -2.32	44.14 1.21 -3.63	44.75 1.03 -3.19	46.56 0.85 -2.84	40.92 0.44 0.00	40.80 0.55 0.00	33.17 0.57 0.00	28.49 0.38 0.00
BLUESTONE___WT_PWR 323821	22.24 0.84 0.00	22.81 0.83 0.00	21.18 0.74 0.00	19.19 0.64 0.00	20.34 0.75 0.00	24.73 1.02 0.00	26.42 1.22 0.00	26.99 1.37 0.00	25.42 1.30 0.00	24.90 1.16 0.00	26.84 1.30 0.00	30.25 1.62 0.00	28.39 1.58 0.00	29.76 1.71 0.00	28.40 1.45 0.00	31.61 1.65 0.00	35.66 1.84 0.00	41.75 2.45 0.00	43.43 2.90 0.00	45.88 3.00 0.00	43.14 2.67 0.00	42.82 2.56 0.00	34.52 1.92 0.00	29.61 1.50 0.00
BLUE_CIRC_CHEM_DRP 24182	21.77 0.37 0.00	22.34 0.37 0.00	20.91 0.46 0.00	19.00 0.45 0.00	20.06 0.47 0.00	24.18 0.47 0.00	25.70 0.50 0.00	26.12 0.50 0.00	24.34 0.23 0.00	23.91 0.17 0.00	25.62 0.08 0.00	28.81 0.18 0.00	27.04 0.23 0.00	28.36 0.31 0.00	27.23 0.28 0.00	30.19 0.22 0.00	34.19 0.37 0.00	39.69 0.39 0.00	41.28 0.75 0.00	43.64 0.76 0.00	41.38 0.91 0.00	41.17 0.92 0.00	33.33 0.73 0.00	28.74 0.63 0.00
BOC_GAS_DRP 24189	21.64 0.24 0.00	22.18 0.21 0.00	20.73 0.28 0.00	18.84 0.29 0.00	19.87 0.28 0.00	23.95 0.24 0.00	25.48 0.28 0.00	26.00 0.37 0.00	24.36 0.25 0.00	23.98 0.24 0.00	25.75 0.21 0.00	28.91 0.28 0.00	27.14 0.33 0.00	28.45 0.41 0.00	27.30 0.35 0.00	30.37 0.40 0.00	34.34 0.52 0.00	39.79 0.49 0.00	41.18 0.66 0.00	43.44 0.56 0.00	41.11 0.64 0.00	40.91 0.66 0.00	33.13 0.53 0.00	28.55 0.44 0.00
BOONVILLE_115KV_TB1 79983	21.68 0.27 0.00	22.23 0.26 0.00	20.67 0.22 0.00	18.76 0.21 0.00	19.81 0.23 0.00	24.00 0.29 0.00	25.56 0.37 0.00	25.95 0.32 0.00	24.38 0.27 0.00	24.04 0.30 0.00	25.70 0.16 0.00	28.83 0.20 0.00	27.00 0.19 0.00	28.27 0.23 0.00	27.19 0.24 0.00	30.29 0.32 0.00	34.29 0.47 0.00	39.91 0.61 0.00	41.30 0.77 0.00	43.77 0.89 0.00	41.26 0.79 0.00	40.81 0.56 0.00	32.95 0.34 0.00	28.41 0.29 0.00
BORALEX_4TH_BRANCH 23824	22.20 0.80 0.00	22.87 0.89 0.00	21.33 0.88 0.00	19.39 0.83 0.00	20.48 0.90 0.00	24.61 0.89 0.00	26.09 0.90 0.00	26.65 1.02 0.00	24.90 0.78 0.00	24.37 0.63 0.00	26.08 0.55 0.00	29.22 0.59 0.00	27.34 0.53 0.00	28.68 0.63 0.00	27.50 0.55 0.00	30.35 0.39 0.00	34.56 0.74 0.00	39.92 0.62 0.00	41.61 1.08 0.00	44.26 1.38 0.00	42.38 1.90 0.00	42.24 1.99 0.00	34.18 1.58 0.00	29.51 1.40 0.00
BOWLINE___1 23526	22.10 0.70 0.00	22.53 0.55 0.00	20.91 0.47 0.00	19.01 0.46 0.00	20.00 0.42 0.00	24.17 0.46 0.00	25.88 0.69 0.00	26.52 0.89 0.00	25.02 0.91 0.00	24.77 1.03 0.00	26.75 1.21 0.00	30.20 1.57 0.00	28.47 1.66 0.00	29.91 1.86 0.00	28.64 1.68 0.00	31.94 1.98 0.00	36.01 2.19 0.00	41.73 2.43 0.00	43.05 2.52 0.00	45.04 2.16 0.00	42.43 1.95 0.00	42.19 1.95 0.00	34.17 1.57 0.00	29.38 1.28 0.00
BOWLINE___2 23595	22.10 0.70 0.00	22.53 0.55 0.00	20.91 0.47 0.00	19.01 0.46 0.00	20.00 0.42 0.00	24.17 0.46 0.00	25.88 0.69 0.00	26.52 0.89 0.00	25.02 0.91 0.00	24.77 1.03 0.00	26.75 1.21 0.00	30.20 1.57 0.00	28.47 1.66 0.00	29.91 1.86 0.00	28.64 1.68 0.00	31.94 1.98 0.00	36.01 2.19 0.00	41.73 2.43 0.00	43.05 2.52 0.00	45.04 2.16 0.00	42.43 1.95 0.00	42.19 1.95 0.00	34.17 1.57 0.00	29.38 1.28 0.00
BRADY___115KV_TB2 356060	21.57 0.17 0.00	22.23 0.25 0.00	20.61 0.17 0.00	18.68 0.12 0.00	19.72 0.14 0.00	24.01 0.30 0.00	25.56 0.36 0.00	25.75 0.12 0.00	24.16 0.05 0.00	23.64 -0.10 0.00	25.42 -0.11 0.00	28.33 -0.30 0.00	26.36 -0.45 0.00	27.39 -0.65 0.00	26.51 -0.44 0.00	29.40 -0.56 0.00	33.21 -0.61 0.00	38.68 -0.62 0.00	39.93 -0.60 0.00	42.86 -0.02 0.00	40.54 0.06 0.00	40.32 0.07 0.00	32.64 0.04 0.00	28.19 0.08 0.00
BRANSCOMB___SOLAR 323811	22.27 0.86 0.00	22.86 0.88 0.00	21.32 0.87 0.00	19.35 0.80 0.00	20.43 0.85 0.00	24.68 0.97 0.00	26.27 1.07 0.00	26.81 1.18 0.00	25.02 0.91 0.00	24.47 0.73 0.00	26.13 0.59 0.00	29.32 0.69 0.00	27.45 0.64 0.00	28.85 0.80 0.00	27.68 0.73 0.00	30.90 0.94 0.00	35.23 1.41 0.00	41.01 1.70 0.00	42.85 2.32 0.00	45.32 2.44 0.00	43.18 2.70 0.00	42.90 2.64 0.00	34.65 2.05 0.00	29.80 1.69 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.45 1.05 0.00	22.96 0.98 0.00	21.18 0.73 0.00	19.42 0.86 0.00	20.36 0.77 0.00	24.45 0.74 0.00	26.19 1.00 0.00	26.94 1.31 0.00	25.32 1.21 0.00	25.08 1.33 0.00	27.30 1.76 0.00	30.96 2.33 0.00	30.63 2.54 -1.28	32.29 2.77 -1.48	29.39 2.44 0.00	32.78 2.81 0.00	37.08 3.25 0.00	42.68 3.38 0.00	44.27 3.74 0.00	46.04 3.16 0.00	43.23 2.76 0.00	43.29 3.04 0.00	34.99 2.38 0.00	30.19 2.08 0.00

BRISTLHL_115KV_TB1 79998	21.07 -0.34 0.00	21.64 -0.33 0.00	20.11 -0.33 0.00	18.24 -0.32 0.00	19.29 -0.30 0.00	23.36 -0.35 0.00	24.78 -0.42 0.00	25.24 -0.39 0.00	23.73 -0.38 0.00	23.36 -0.39 0.00	25.09 -0.44 0.00	28.28 -0.35 0.00	26.52 -0.29 0.00	27.76 -0.28 0.00	26.59 -0.37 0.00	29.63 -0.33 0.00	33.45 -0.38 0.00	39.00 -0.30 0.00	40.32 -0.20 0.00	42.57 -0.31 0.00	40.13 -0.34 0.00	39.84 -0.40 0.00	32.21 -0.39 0.00	27.73 -0.38 0.00
BROOKHAVEN___DRP 24191	22.16 0.75 0.00	22.64 0.66 0.00	20.88 0.43 0.00	19.20 0.64 0.00	20.07 0.49 0.00	24.11 0.40 0.00	25.83 0.64 0.00	26.57 0.95 0.00	25.02 0.91 0.00	24.77 1.03 0.00	26.89 1.35 0.00	30.50 1.87 0.00	30.23 2.14 -1.28	31.90 2.38 -1.48	29.04 2.09 0.00	32.41 2.44 0.00	36.73 2.91 0.00	42.34 3.04 0.00	43.97 3.44 0.00	45.71 2.83 0.00	42.87 2.40 0.00	42.84 2.59 0.00	34.57 1.97 0.00	29.82 1.71 0.00
BROOKLYN_NAVY_YARD 23515	22.31 0.90 0.00	22.72 0.74 0.00	21.10 0.65 0.00	19.18 0.62 0.00	20.17 0.59 0.00	24.36 0.64 0.00	26.09 0.90 0.00	26.76 1.14 0.00	25.29 1.18 0.00	25.06 1.33 0.00	27.08 1.54 0.00	30.57 1.94 0.00	28.83 2.02 0.00	30.28 2.24 0.00	29.01 2.05 0.00	32.30 2.34 0.00	36.40 2.58 0.00	42.16 2.85 0.00	43.46 2.93 0.00	45.40 2.52 0.00	42.76 2.28 0.00	42.57 2.32 0.00	34.56 1.95 0.00	29.70 1.59 0.00
BROOKLYN___ARMY_DRP 323595	22.46 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.31 0.00	25.45 1.34 0.00	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.20 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.31 3.01 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.91 1.80 0.00
BROOKVLE_69_KV_TB1 55790	22.54 1.14 0.00	22.99 1.01 0.00	21.24 0.79 0.00	19.41 0.86 0.00	20.38 0.80 0.00	24.52 0.81 0.00	26.26 1.06 0.00	27.01 1.38 0.00	25.44 1.33 0.00	25.20 1.46 0.00	27.42 1.89 0.00	31.09 2.46 0.00	30.70 2.62 -1.28	32.39 2.87 -1.48	29.53 2.58 0.00	32.92 2.95 0.00	37.02 3.20 0.00	42.82 3.51 0.00	44.26 3.73 0.00	46.08 3.21 0.00	43.29 2.82 0.00	43.35 3.10 0.00	35.06 2.46 0.00	30.17 2.06 0.00
BROOME_2_LFGE 323671	21.37 -0.03 0.00	21.96 -0.02 0.00	20.40 -0.04 0.00	18.48 -0.07 0.00	19.57 -0.01 0.00	23.78 0.07 0.00	25.29 0.10 0.00	25.87 0.24 0.00	24.41 0.31 0.00	24.07 0.33 0.00	25.91 0.37 0.00	29.33 0.68 -0.03	27.53 0.64 -0.08	28.74 0.68 -0.01	27.54 0.51 -0.08	30.79 0.65 -0.18	34.70 0.61 -0.27	40.56 0.84 -0.42	41.80 0.90 -0.37	43.97 0.76 -0.33	41.02 0.54 0.00	40.84 0.59 0.00	33.05 0.45 0.00	28.42 0.30 0.00
BROOME___LFGE 323600	21.37 -0.03 0.00	21.96 -0.02 0.00	20.40 -0.04 0.00	18.48 -0.07 0.00	19.57 -0.01 0.00	23.78 0.07 0.00	25.29 0.10 0.00	25.87 0.24 0.00	24.41 0.31 0.00	24.07 0.33 0.00	25.91 0.37 0.00	29.33 0.68 -0.03	27.53 0.64 -0.08	28.74 0.68 -0.01	27.54 0.51 -0.08	30.79 0.65 -0.18	34.70 0.61 -0.27	40.56 0.84 -0.42	41.80 0.90 -0.37	43.97 0.76 -0.33	41.02 0.54 0.00	40.84 0.59 0.00	33.05 0.45 0.00	28.42 0.30 0.00
BROWNFLS_115KV_TB 3_5 80003	21.01 -0.39 0.00	21.59 -0.39 0.00	19.98 -0.47 0.00	18.18 -0.37 0.00	19.19 -0.39 0.00	23.25 -0.46 0.00	24.81 -0.39 0.00	24.85 -0.77 0.00	23.30 -0.81 0.00	22.84 -0.90 0.00	24.43 -1.10 0.00	27.28 -1.36 0.00	25.39 -1.42 0.00	26.42 -1.62 0.00	25.50 -1.45 0.00	28.40 -1.57 0.00	32.21 -1.61 0.00	37.74 -1.57 0.00	39.21 -1.31 0.00	41.83 -1.05 0.00	39.44 -1.04 0.00	38.98 -1.27 0.00	31.51 -1.10 0.00	27.23 -0.89 0.00
BROWNSV1_27_KV_LOAD 356125	22.55 1.15 0.00	22.97 0.99 0.00	21.31 0.87 0.00	19.38 0.83 0.00	20.38 0.80 0.00	24.60 0.89 0.00	26.37 1.17 0.00	27.07 1.45 0.00	25.60 1.49 0.00	25.35 1.61 0.00	27.40 1.87 0.00	30.96 2.33 0.00	29.21 2.40 0.00	30.69 2.64 0.00	29.38 2.43 0.00	32.74 2.78 0.00	36.92 3.10 0.00	42.73 3.42 0.00	44.06 3.53 0.00	46.02 3.15 0.00	43.33 2.85 0.00	43.16 2.91 0.00	35.00 2.40 0.00	30.07 1.96 0.00
BURROWS___LYONSDAL 23803	21.59 0.19 0.00	22.15 0.18 0.00	20.59 0.14 0.00	18.68 0.13 0.00	19.74 0.16 0.00	23.92 0.21 0.00	25.46 0.26 0.00	25.70 0.08 0.00	24.16 0.05 0.00	23.79 0.05 0.00	25.41 -0.12 0.00	28.48 -0.15 0.00	26.64 -0.17 0.00	27.85 -0.19 0.00	26.80 -0.15 0.00	29.87 -0.09 0.00	33.86 0.04 0.00	39.56 0.25 0.00	41.03 0.50 0.00	43.52 0.64 0.00	41.02 0.54 0.00	40.49 0.24 0.00	32.68 0.08 0.00	28.21 0.10 0.00
CAITHNESS_CC_1 323624	22.16 0.76 0.00	22.65 0.67 0.00	20.89 0.44 0.00	19.20 0.64 0.00	20.08 0.49 0.00	24.12 0.40 0.00	25.83 0.64 0.00	26.57 0.95 0.00	25.01 0.90 0.00	24.77 1.03 0.00	26.89 1.35 0.00	30.49 1.87 0.00	30.21 2.12 -1.28	31.87 2.35 -1.48	29.02 2.07 0.00	32.37 2.40 0.00	36.68 2.85 0.00	42.27 2.97 0.00	43.88 3.35 0.00	45.63 2.75 0.00	42.81 2.33 0.00	42.79 2.54 0.00	34.53 1.93 0.00	29.80 1.69 0.00
CALPINE BETH_PAGE_GT4 24209	22.43 1.02 0.00	22.89 0.91 0.00	21.14 0.69 0.00	19.34 0.78 0.00	20.29 0.71 0.00	24.39 0.68 0.00	26.12 0.92 0.00	26.86 1.23 0.00	25.27 1.16 0.00	24.99 1.25 0.00	27.22 1.68 0.00	30.85 2.22 0.00	30.49 2.41 -1.28	32.15 2.63 -1.48	29.23 2.28 0.00	32.46 2.49 0.00	36.64 2.82 0.00	42.35 3.05 0.00	43.85 3.33 0.00	45.67 2.79 0.00	42.91 2.43 0.00	43.00 2.75 0.00	34.77 2.17 0.00	29.95 1.84 0.00
CALPINE_BETH_PAGE_GT_4 323586	22.43 1.03 0.00	22.89 0.91 0.00	21.14 0.69 0.00	19.34 0.79 0.00	20.29 0.71 0.00	24.39 0.68 0.00	26.12 0.92 0.00	26.86 1.23 0.00	25.27 1.16 0.00	24.99 1.25 0.00	27.22 1.68 0.00	30.85 2.22 0.00	30.49 2.41 -1.28	32.15 2.63 -1.48	29.23 2.28 0.00	32.45 2.49 0.00	36.64 2.82 0.00	42.35 3.05 0.00	43.85 3.32 0.00	45.67 2.79 0.00	42.91 2.43 0.00	43.00 2.75 0.00	34.77 2.17 0.00	29.96 1.84 0.00
CALPINE_BP_GT1 23823	22.43 1.03 0.00	22.89 0.91 0.00	21.14 0.69 0.00	19.34 0.79 0.00	20.29 0.71 0.00	24.39 0.68 0.00	26.12 0.92 0.00	26.86 1.23 0.00	25.27 1.16 0.00	24.99 1.25 0.00	27.22 1.68 0.00	30.85 2.22 0.00	30.49 2.41 -1.28	32.15 2.63 -1.48	29.23 2.28 0.00	32.45 2.49 0.00	36.64 2.82 0.00	42.35 3.05 0.00	43.85 3.32 0.00	45.67 2.79 0.00	42.91 2.43 0.00	43.00 2.75 0.00	34.77 2.17 0.00	29.96 1.84 0.00
CALSPAN___DRP 24200	20.74 -0.66 0.00	21.54 -0.44 0.00	19.94 -0.51 0.00	17.95 -0.61 0.00	19.09 -0.50 0.00	23.56 -0.15 0.00	25.04 -0.16 0.00	25.60 -0.02 0.00	24.34 0.23 0.00	24.05 0.31 0.00	26.11 0.57 0.00	30.22 1.30 -0.29	28.77 1.11 -0.84	29.15 0.96 -0.14	28.03 0.29 -0.79	32.37 0.55 -1.85	36.84 0.30 -2.72	44.40 0.84 -4.26	44.93 0.65 -3.74	46.51 0.30 -3.33	40.33 -0.15 0.00	40.19 -0.06 0.00	32.75 0.15 0.00	28.14 0.03 0.00

CALVERTON___SOLAR 323806	22.18 0.78 0.00	22.65 0.67 0.00	20.90 0.45 0.00	19.22 0.67 0.00	20.09 0.51 0.00	24.14 0.43 0.00	25.88 0.68 0.00	26.62 0.99 0.00	25.06 0.95 0.00	24.81 1.07 0.00	26.94 1.40 0.00	30.57 1.94 0.00	30.28 2.20 -1.28	31.99 2.46 -1.48	29.12 2.17 0.00	32.49 2.53 0.00	36.86 3.04 0.00	42.49 3.19 0.00	44.13 3.61 0.00	45.87 2.99 0.00	43.00 2.52 0.00	42.97 2.72 0.00	34.65 2.05 0.00	29.88 1.77 0.00
CANDIGU_WT_PWR 323617	20.94 -0.46 0.00	21.63 -0.35 0.00	20.06 -0.38 0.00	18.10 -0.45 0.00	19.24 -0.35 0.00	23.58 -0.14 0.00	25.06 -0.13 0.00	25.42 -0.20 0.00	24.19 0.08 0.00	23.88 0.14 0.00	25.78 0.25 0.00	29.63 0.92 -0.08	27.82 0.76 -0.24	28.71 0.63 -0.04	27.39 0.21 -0.23	30.85 0.34 -0.54	34.53 -0.07 -0.79	40.91 0.37 -1.23	41.85 0.24 -1.08	43.94 0.10 -0.96	40.10 -0.38 0.00	40.19 -0.07 0.00	32.62 0.02 0.00	27.96 -0.14 0.00
CARR STREET_E_SYR 24060	21.18 -0.22 0.00	21.77 -0.21 0.00	20.23 -0.21 0.00	18.35 -0.21 0.00	19.40 -0.18 0.00	23.51 -0.19 0.00	24.95 -0.25 0.00	25.42 -0.20 0.00	23.94 -0.17 0.00	23.60 -0.14 0.00	25.39 -0.15 0.00	28.63 0.00 0.00	26.85 0.04 0.00	28.11 0.07 0.00	26.91 -0.04 0.00	29.98 0.02 0.00	33.82 0.00 0.00	39.38 0.08 0.00	40.67 0.14 0.00	42.88 0.01 0.00	40.39 -0.08 0.00	40.12 -0.14 0.00	32.45 -0.15 0.00	27.92 -0.19 0.00
CARTHAGE___PAPER 23857	21.39 -0.02 0.00	21.94 -0.03 0.00	20.35 -0.09 0.00	18.48 -0.07 0.00	19.55 -0.03 0.00	23.69 -0.02 0.00	25.24 0.04 0.00	25.21 -0.41 0.00	23.69 -0.42 0.00	23.18 -0.56 0.00	24.67 -0.87 0.00	27.61 -1.02 0.00	25.71 -1.10 0.00	26.76 -1.28 0.00	25.77 -1.19 0.00	28.81 -1.16 0.00	32.78 -1.05 0.00	38.57 -0.73 0.00	40.31 -0.22 0.00	43.01 0.13 0.00	40.55 0.08 0.00	39.90 -0.35 0.00	32.17 -0.44 0.00	27.79 -0.31 0.00
CASSADAGA_WT_PWR 323784	21.14 -0.26 0.00	21.95 -0.03 0.00	20.39 -0.05 0.00	18.37 -0.18 0.00	19.57 -0.02 0.00	24.17 0.46 0.00	25.72 0.52 0.00	26.35 0.72 0.00	25.13 1.02 0.00	24.85 1.12 0.00	26.91 1.37 0.00	31.17 2.25 -0.29	29.62 1.98 -0.83	30.07 1.89 -0.13	28.94 1.21 -0.78	33.37 1.59 -1.82	37.83 1.33 -2.68	45.55 2.05 -4.20	46.12 1.91 -3.68	47.84 1.68 -3.28	41.51 1.03 0.00	41.45 1.20 0.00	33.64 1.04 0.00	28.81 0.70 0.00
CE_DUNWOOD___DRP 24194	22.22 0.82 0.00	22.65 0.68 0.00	21.03 0.58 0.00	19.13 0.57 0.00	20.12 0.54 0.00	24.30 0.58 0.00	26.01 0.81 0.00	26.66 1.04 0.00	25.16 1.05 0.00	24.90 1.16 0.00	26.90 1.36 0.00	30.37 1.74 0.00	28.62 1.81 0.00	30.06 2.01 0.00	28.79 1.84 0.00	32.10 2.13 0.00	36.19 2.37 0.00	41.93 2.63 0.00	43.26 2.74 0.00	45.25 2.37 0.00	42.63 2.16 0.00	42.43 2.18 0.00	34.38 1.78 0.00	29.57 1.46 0.00
CE_MILLWOOD___DRP 24193	22.18 0.77 0.00	22.62 0.64 0.00	20.99 0.55 0.00	19.09 0.54 0.00	20.09 0.51 0.00	24.26 0.54 0.00	25.96 0.76 0.00	26.62 0.99 0.00	25.11 1.00 0.00	24.85 1.11 0.00	26.84 1.30 0.00	30.29 1.66 0.00	28.55 1.74 0.00	29.98 1.94 0.00	28.72 1.77 0.00	32.02 2.05 0.00	36.11 2.29 0.00	41.82 2.52 0.00	43.17 2.64 0.00	45.16 2.28 0.00	42.55 2.08 0.00	42.36 2.10 0.00	34.30 1.70 0.00	29.51 1.40 0.00
CE_NYC2_DRP 24202	22.41 1.01 0.00	22.80 0.82 0.00	21.16 0.72 0.00	19.26 0.70 0.00	20.23 0.65 0.00	24.43 0.72 0.00	26.20 1.01 0.00	26.89 1.26 0.00	25.41 1.30 0.00	25.17 1.43 0.00	27.19 1.66 0.00	30.71 2.08 0.00	28.95 2.15 0.00	30.41 2.36 0.00	29.11 2.16 0.00	32.43 2.46 0.00	36.55 2.73 0.00	42.25 2.95 0.00	43.54 3.02 0.00	45.52 2.65 0.00	42.87 2.39 0.00	42.76 2.51 0.00	34.70 2.10 0.00	29.80 1.69 0.00
CE_NYC_DRP 24195	22.33 0.93 0.00	22.75 0.77 0.00	21.12 0.67 0.00	19.21 0.65 0.00	20.20 0.62 0.00	24.39 0.68 0.00	26.12 0.93 0.00	26.80 1.18 0.00	25.34 1.23 0.00	25.11 1.37 0.00	27.13 1.59 0.00	30.64 2.02 0.00	28.90 2.09 0.00	30.35 2.30 0.00	29.06 2.11 0.00	32.40 2.43 0.00	36.50 2.68 0.00	42.24 2.93 0.00	43.55 3.02 0.00	45.49 2.61 0.00	42.84 2.37 0.00	42.67 2.42 0.00	34.61 2.00 0.00	29.75 1.64 0.00
CHAFFEE___LFGE 323603	20.84 -0.56 0.00	21.64 -0.34 0.00	20.03 -0.41 0.00	18.02 -0.53 0.00	19.18 -0.41 0.00	23.68 -0.03 0.00	25.15 -0.05 0.00	25.75 0.12 0.00	24.48 0.37 0.00	24.19 0.45 0.00	26.26 0.72 0.00	30.37 1.47 -0.27	28.87 1.28 -0.78	29.30 1.13 -0.13	28.15 0.46 -0.73	32.43 0.74 -1.72	36.87 0.53 -2.52	44.33 1.08 -3.95	44.90 0.90 -3.47	46.51 0.55 -3.09	40.58 0.10 0.00	40.42 0.17 0.00	32.92 0.32 0.00	28.29 0.17 0.00
CHATEAUG_35_KV_LOAD 355732	21.63 0.23 0.00	22.32 0.34 0.00	20.64 0.19 0.00	18.70 0.15 0.00	19.73 0.15 0.00	24.00 0.29 0.00	25.56 0.37 0.00	25.90 0.28 0.00	24.34 0.23 0.00	23.81 0.07 0.00	25.56 0.02 0.00	28.62 -0.01 0.00	26.58 -0.23 0.00	27.56 -0.49 0.00	26.46 -0.50 0.00	29.37 -0.59 0.00	33.33 -0.49 0.00	38.80 -0.50 0.00	40.29 -0.24 0.00	43.00 0.12 0.00	40.44 -0.03 0.00	40.19 -0.06 0.00	32.76 0.16 0.00	28.29 0.18 0.00
CHATEAUG_WT_PWR 323614	21.60 0.20 0.00	22.27 0.30 0.00	20.60 0.16 0.00	18.68 0.12 0.00	19.71 0.13 0.00	23.96 0.25 0.00	25.51 0.31 0.00	25.87 0.25 0.00	24.33 0.21 0.00	23.79 0.05 0.00	25.53 0.00 0.00	28.61 -0.03 0.00	26.57 -0.24 0.00	27.55 -0.49 0.00	26.43 -0.52 0.00	29.37 -0.60 0.00	33.31 -0.51 0.00	38.80 -0.50 0.00	40.25 -0.27 0.00	42.93 0.05 0.00	40.33 -0.15 0.00	40.08 -0.17 0.00	32.68 0.08 0.00	28.24 0.13 0.00
CHAT_HIGH_FALL_HYD 323578	21.63 0.23 0.00	22.32 0.34 0.00	20.64 0.19 0.00	18.70 0.15 0.00	19.73 0.15 0.00	24.00 0.29 0.00	25.56 0.37 0.00	25.90 0.28 0.00	24.34 0.23 0.00	23.81 0.07 0.00	25.56 0.02 0.00	28.62 -0.01 0.00	26.58 -0.23 0.00	27.56 -0.49 0.00	26.46 -0.50 0.00	29.37 -0.59 0.00	33.33 -0.49 0.00	38.80 -0.50 0.00	40.29 -0.24 0.00	43.00 0.12 0.00	40.44 -0.03 0.00	40.19 -0.06 0.00	32.76 0.16 0.00	28.29 0.18 0.00
CHAUTAUQUA___LFGE 323629	20.96 -0.44 0.00	21.77 -0.21 0.00	20.18 -0.26 0.00	18.17 -0.38 0.00	19.36 -0.23 0.00	23.89 0.18 0.00	25.39 0.20 0.00	25.96 0.34 0.00	24.74 0.63 0.00	24.45 0.70 0.00	26.47 0.93 0.00	30.68 1.75 -0.31	29.23 1.52 -0.90	29.59 1.41 -0.14	28.57 0.78 -0.84	33.03 1.10 -1.97	37.51 0.80 -2.89	45.32 1.49 -4.53	45.80 1.30 -3.98	47.45 1.03 -3.54	40.86 0.38 0.00	40.84 0.58 0.00	33.17 0.57 0.00	28.44 0.33 0.00
CHERRYST_13_KV_LD 356241	22.40 1.00 0.00	22.81 0.84 0.00	21.17 0.73 0.00	19.26 0.70 0.00	20.26 0.68 0.00	24.46 0.75 0.00	26.21 1.01 0.00	26.91 1.28 0.00	25.44 1.33 0.00	25.21 1.47 0.00	27.25 1.72 0.00	30.79 2.16 0.00	29.03 2.22 0.00	30.49 2.45 0.00	29.20 2.25 0.00	32.56 2.59 0.00	36.67 2.84 0.00	42.43 3.13 0.00	43.72 3.19 0.00	45.66 2.78 0.00	42.98 2.50 0.00	42.81 2.56 0.00	34.72 2.12 0.00	29.83 1.72 0.00

CHESTROR_138KV_BK263 355645	22.01 0.61 0.00	22.46 0.48 0.00	20.86 0.42 0.00	18.95 0.40 0.00	19.96 0.38 0.00	24.12 0.41 0.00	25.79 0.59 0.00	26.41 0.78 0.00	24.89 0.78 0.00	24.60 0.86 0.00	26.54 1.01 0.00	29.94 1.31 0.00	28.20 1.39 0.00	29.60 1.56 0.00	28.37 1.42 0.00	31.64 1.67 0.00	35.69 1.87 0.00	41.40 2.09 0.00	42.75 2.23 0.00	44.80 1.92 0.00	42.23 1.75 0.00	41.99 1.74 0.00	33.98 1.38 0.00	29.24 1.13 0.00
CH_MIDHUDSON___DRP 24192	22.18 0.78 0.00	22.63 0.65 0.00	21.03 0.58 0.00	19.12 0.57 0.00	20.13 0.55 0.00	24.31 0.60 0.00	25.98 0.79 0.00	26.62 1.00 0.00	25.08 0.97 0.00	24.78 1.04 0.00	26.72 1.19 0.00	30.12 1.49 0.00	28.36 1.55 0.00	29.79 1.74 0.00	28.55 1.60 0.00	31.84 1.88 0.00	35.98 2.16 0.00	41.71 2.41 0.00	43.09 2.56 0.00	45.16 2.28 0.00	42.59 2.12 0.00	42.38 2.13 0.00	34.28 1.68 0.00	29.49 1.38 0.00
CH_MISC_IPPS 23765	22.29 0.89 0.00	22.74 0.76 0.00	21.11 0.67 0.00	19.19 0.64 0.00	20.21 0.62 0.00	24.40 0.69 0.00	26.11 0.91 0.00	26.75 1.13 0.00	25.22 1.11 0.00	24.93 1.19 0.00	26.90 1.36 0.00	30.34 1.71 0.00	28.56 1.76 0.00	30.02 1.97 0.00	28.78 1.83 0.00	32.13 2.16 0.00	36.30 2.48 0.00	42.12 2.81 0.00	43.49 2.96 0.00	45.55 2.68 0.00	42.92 2.45 0.00	42.68 2.43 0.00	34.52 1.92 0.00	29.66 1.55 0.00
CH_RES_BVR_FALLS 23983	21.34 -0.06 0.00	21.95 -0.03 0.00	20.40 -0.04 0.00	18.50 -0.05 0.00	19.52 -0.06 0.00	23.72 0.01 0.00	25.18 -0.02 0.00	25.45 -0.18 0.00	23.99 -0.12 0.00	23.60 -0.14 0.00	25.40 -0.13 0.00	28.39 -0.24 0.00	26.46 -0.35 0.00	27.59 -0.46 0.00	26.61 -0.34 0.00	29.54 -0.43 0.00	33.32 -0.49 0.00	38.77 -0.54 0.00	39.91 -0.62 0.00	42.38 -0.50 0.00	39.94 -0.53 0.00	39.66 -0.59 0.00	32.10 -0.50 0.00	27.75 -0.36 0.00
CH_RES_NIAGARA 23895	19.92 -1.48 0.00	20.74 -1.24 0.00	19.19 -1.25 0.00	17.27 -1.28 0.00	18.38 -1.20 0.00	22.74 -0.97 0.00	24.23 -0.96 0.00	24.80 -0.83 0.00	23.52 -0.59 0.00	23.23 -0.51 0.00	25.21 -0.32 0.00	29.05 0.42 0.00	27.09 0.28 0.00	28.08 0.03 0.00	26.32 -0.64 0.00	29.49 -0.47 0.00	33.03 -0.79 0.00	38.82 -0.48 0.00	39.78 -0.75 0.00	41.69 -1.19 0.00	39.00 -1.48 0.00	38.84 -1.41 0.00	31.76 -0.84 0.00	27.37 -0.74 0.00
CH_RES_SYRACUSE 23985	21.36 -0.04 0.00	21.96 -0.02 0.00	20.39 -0.05 0.00	18.51 -0.04 0.00	19.57 -0.01 0.00	23.70 -0.01 0.00	25.15 -0.04 0.00	25.61 -0.01 0.00	24.12 0.00 0.00	23.78 0.04 0.00	25.58 0.05 0.00	28.84 0.21 0.00	27.06 0.25 0.00	28.33 0.28 0.00	27.12 0.16 0.00	30.22 0.25 0.00	34.10 0.28 0.00	39.74 0.43 0.00	41.06 0.53 0.00	43.32 0.44 0.00	40.80 0.32 0.00	40.50 0.25 0.00	32.72 0.12 0.00	28.16 0.05 0.00
CLINTON_WT_PWR 323605	21.60 0.20 0.00	22.27 0.30 0.00	20.60 0.16 0.00	18.68 0.12 0.00	19.71 0.13 0.00	23.96 0.25 0.00	25.51 0.31 0.00	25.87 0.25 0.00	24.33 0.21 0.00	23.79 0.05 0.00	25.53 0.00 0.00	28.61 -0.03 0.00	26.57 -0.24 0.00	27.55 -0.49 0.00	26.43 -0.52 0.00	29.37 -0.60 0.00	33.31 -0.51 0.00	38.80 -0.50 0.00	40.25 -0.27 0.00	42.93 0.05 0.00	40.33 -0.15 0.00	40.08 -0.17 0.00	32.68 0.08 0.00	28.24 0.13 0.00
CLINTON___LFGE 323618	22.28 0.88 0.00	22.95 0.97 0.00	21.24 0.79 0.00	19.27 0.72 0.00	20.37 0.79 0.00	24.68 0.97 0.00	26.30 1.10 0.00	26.86 1.24 0.00	25.21 1.10 0.00	24.57 0.83 0.00	26.22 0.69 0.00	29.40 0.76 0.00	27.27 0.46 0.00	28.25 0.21 0.00	27.04 0.09 0.00	30.01 0.04 0.00	34.21 0.39 0.00	39.71 0.41 0.00	41.45 0.92 0.00	44.11 1.23 0.00	41.49 1.01 0.00	41.15 0.90 0.00	33.67 1.07 0.00	29.17 1.06 0.00
COBBLENY_34_KV_TB1 80064	20.85 -0.55 0.00	21.64 -0.34 0.00	20.03 -0.41 0.00	18.02 -0.53 0.00	19.18 -0.41 0.00	23.68 -0.03 0.00	25.15 -0.05 0.00	25.74 0.12 0.00	24.48 0.37 0.00	24.19 0.45 0.00	26.26 0.72 0.00	30.37 1.47 -0.27	28.87 1.28 -0.78	29.30 1.13 -0.13	28.14 0.45 -0.73	32.43 0.75 -1.72	36.87 0.52 -2.52	44.32 1.06 -3.95	44.89 0.89 -3.47	46.51 0.55 -3.09	40.57 0.10 0.00	40.42 0.17 0.00	32.93 0.32 0.00	28.29 0.18 0.00
COFFEEN___115KV_TB3 355620	21.32 -0.08 0.00	21.86 -0.11 0.00	20.28 -0.16 0.00	18.41 -0.14 0.00	19.49 -0.09 0.00	23.62 -0.09 0.00	25.16 -0.03 0.00	25.19 -0.43 0.00	23.69 -0.42 0.00	23.19 -0.54 0.00	24.67 -0.87 0.00	27.64 -0.99 0.00	25.77 -1.04 0.00	26.84 -1.21 0.00	25.76 -1.19 0.00	28.82 -1.14 0.00	32.76 -1.07 0.00	38.59 -0.72 0.00	40.36 -0.16 0.00	43.13 0.26 0.00	40.77 0.29 0.00	40.08 -0.17 0.00	32.28 -0.32 0.00	27.81 -0.30 0.00
COLDSPRG_115KV_BK1 355956	21.37 -0.03 0.00	22.15 0.18 0.00	20.51 0.07 0.00	18.48 -0.07 0.00	19.67 0.09 0.00	24.30 0.59 0.00	25.87 0.67 0.00	26.52 0.89 0.00	25.34 1.22 0.00	25.07 1.33 0.00	27.11 1.57 0.00	31.35 2.46 -0.25	29.66 2.12 -0.73	30.27 2.11 -0.12	29.03 1.40 -0.68	33.33 1.78 -1.59	37.69 1.53 -2.34	45.23 2.26 -3.67	45.86 2.12 -3.22	47.60 1.86 -2.86	41.76 1.28 0.00	41.67 1.41 0.00	33.82 1.21 0.00	28.97 0.86 0.00
COLONIE_LFGE___ 323577	21.94 0.54 0.00	22.53 0.55 0.00	21.03 0.59 0.00	19.11 0.55 0.00	20.17 0.59 0.00	24.32 0.61 0.00	25.84 0.64 0.00	26.38 0.76 0.00	24.69 0.58 0.00	24.24 0.50 0.00	25.97 0.43 0.00	29.12 0.49 0.00	27.30 0.49 0.00	28.64 0.59 0.00	27.47 0.52 0.00	30.55 0.58 0.00	34.68 0.86 0.00	40.18 0.88 0.00	41.77 1.24 0.00	44.17 1.29 0.00	42.04 1.57 0.00	41.81 1.56 0.00	33.82 1.22 0.00	29.15 1.04 0.00
COOPERNY_115KV_TB1 80082	21.81 0.40 0.00	22.29 0.32 0.00	20.72 0.27 0.00	18.81 0.26 0.00	19.83 0.25 0.00	23.98 0.27 0.00	25.60 0.40 0.00	26.17 0.54 0.00	24.66 0.55 0.00	24.35 0.61 0.00	26.26 0.72 0.00	29.59 0.96 0.00	27.82 1.01 0.00	29.19 1.15 0.00	27.99 1.04 0.00	31.20 1.23 0.00	35.18 1.36 0.00	40.82 1.52 0.00	42.14 1.61 0.00	44.26 1.39 0.00	41.71 1.24 0.00	41.49 1.24 0.00	33.59 0.99 0.00	28.92 0.81 0.00
COPENHAGEN_WT_PWR 323753	21.21 -0.19 0.00	21.76 -0.22 0.00	20.19 -0.26 0.00	18.33 -0.22 0.00	19.40 -0.19 0.00	23.50 -0.21 0.00	24.97 -0.23 0.00	24.96 -0.66 0.00	23.52 -0.58 0.00	23.09 -0.65 0.00	24.57 -0.96 0.00	27.54 -1.09 0.00	25.71 -1.10 0.00	26.78 -1.26 0.00	25.71 -1.24 0.00	28.76 -1.21 0.00	32.69 -1.13 0.00	38.42 -0.88 0.00	40.05 -0.48 0.00	42.62 -0.26 0.00	40.15 -0.33 0.00	39.45 -0.80 0.00	31.81 -0.78 0.00	27.51 -0.60 0.00
CORNELL_____ 23752	21.67 0.27 0.00	22.26 0.28 0.00	20.69 0.24 0.00	18.73 0.19 0.00	19.83 0.25 0.00	24.10 0.39 0.00	25.65 0.46 0.00	26.19 0.56 0.00	24.66 0.54 0.00	24.21 0.47 0.00	26.03 0.50 0.00	29.34 0.71 0.00	27.55 0.74 0.00	28.77 0.73 0.00	27.51 0.55 0.00	30.67 0.70 0.00	34.55 0.73 0.00	40.38 1.08 0.00	41.92 1.40 0.00	44.32 1.44 0.00	41.74 1.27 0.00	41.44 1.19 0.00	33.48 0.87 0.00	28.76 0.65 0.00

CORONA__69_KV_TB1 355595	22.48 1.08 0.00	22.93 0.95 0.00	21.20 0.75 0.00	19.36 0.81 0.00	20.33 0.75 0.00	24.45 0.74 0.00	26.16 0.96 0.00	26.85 1.23 0.00	25.27 1.17 0.00	25.05 1.31 0.00	27.27 1.73 0.00	30.88 2.25 0.00	30.48 2.39 -1.28	32.15 2.62 -1.48	29.30 2.34 0.00	32.65 2.69 0.00	36.85 3.03 0.00	42.65 3.35 0.00	44.12 3.59 0.00	45.99 3.11 0.00	43.24 2.77 0.00	43.18 2.93 0.00	34.97 2.37 0.00	30.09 1.98 0.00
CORTLAND__115KV_TB3 80093	21.57 0.17 0.00	22.15 0.17 0.00	20.58 0.14 0.00	18.66 0.11 0.00	19.74 0.16 0.00	23.96 0.25 0.00	25.50 0.30 0.00	26.04 0.41 0.00	24.50 0.39 0.00	24.10 0.37 0.00	25.88 0.34 0.00	29.14 0.51 0.00	27.35 0.54 0.00	28.61 0.57 0.00	27.41 0.45 0.00	30.55 0.59 0.00	34.43 0.60 0.00	40.15 0.84 0.00	41.59 1.06 0.00	43.96 1.08 0.00	41.43 0.96 0.00	41.16 0.91 0.00	33.26 0.66 0.00	28.60 0.49 0.00
COXSACKIE__GT 23611	22.53 1.13 0.00	23.13 1.16 0.00	21.69 1.24 0.00	19.69 1.14 0.00	20.81 1.22 0.00	25.12 1.41 0.00	26.77 1.57 0.00	27.27 1.65 0.00	25.17 1.06 0.00	24.48 0.74 0.00	26.02 0.48 0.00	29.16 0.53 0.00	27.32 0.51 0.00	28.69 0.65 0.00	27.61 0.65 0.00	30.69 0.73 0.00	35.01 1.19 0.00	41.06 1.76 0.00	43.09 2.57 0.00	45.91 3.03 0.00	43.65 3.17 0.00	43.29 3.04 0.00	34.82 2.22 0.00	29.91 1.80 0.00
CPV__VALLEY__CC1 323721	21.87 0.46 0.00	22.32 0.34 0.00	20.74 0.29 0.00	18.84 0.29 0.00	19.84 0.26 0.00	23.97 0.27 0.00	25.63 0.43 0.00	26.23 0.60 0.00	24.72 0.62 0.00	24.44 0.70 0.00	26.36 0.83 0.00	29.72 1.09 0.00	27.98 1.17 0.00	29.37 1.33 0.00	28.15 1.20 0.00	31.37 1.40 0.00	35.38 1.56 0.00	41.03 1.73 0.00	42.36 1.83 0.00	44.41 1.53 0.00	41.86 1.39 0.00	41.63 1.38 0.00	33.70 1.10 0.00	29.03 0.91 0.00
CPV__VALLEY__CC2 323722	21.87 0.46 0.00	22.32 0.34 0.00	20.74 0.29 0.00	18.84 0.29 0.00	19.84 0.26 0.00	23.97 0.27 0.00	25.63 0.43 0.00	26.23 0.60 0.00	24.72 0.62 0.00	24.44 0.70 0.00	26.36 0.83 0.00	29.72 1.09 0.00	27.98 1.17 0.00	29.37 1.33 0.00	28.15 1.20 0.00	31.37 1.40 0.00	35.38 1.56 0.00	41.03 1.73 0.00	42.36 1.83 0.00	44.41 1.53 0.00	41.86 1.39 0.00	41.63 1.38 0.00	33.70 1.10 0.00	29.03 0.91 0.00
CRESCENT__HYD 24018	21.94 0.54 0.00	22.53 0.55 0.00	21.03 0.59 0.00	19.11 0.55 0.00	20.17 0.59 0.00	24.32 0.61 0.00	25.84 0.64 0.00	26.38 0.76 0.00	24.69 0.58 0.00	24.24 0.50 0.00	25.97 0.43 0.00	29.12 0.49 0.00	27.30 0.49 0.00	28.64 0.59 0.00	27.47 0.52 0.00	30.55 0.58 0.00	34.68 0.86 0.00	40.18 0.88 0.00	41.77 1.24 0.00	44.17 1.29 0.00	42.04 1.57 0.00	41.81 1.56 0.00	33.82 1.22 0.00	29.15 1.04 0.00
CRICKET__VALLEY_CC1 323756	21.99 0.59 0.00	22.45 0.48 0.00	20.88 0.44 0.00	18.99 0.44 0.00	20.01 0.43 0.00	24.13 0.42 0.00	25.79 0.59 0.00	26.39 0.77 0.00	24.83 0.72 0.00	24.50 0.76 0.00	26.37 0.84 0.00	29.68 1.05 0.00	27.89 1.08 0.00	29.29 1.24 0.00	28.07 1.11 0.00	31.28 1.31 0.00	35.39 1.57 0.00	40.97 1.67 0.00	42.39 1.86 0.00	44.51 1.64 0.00	42.12 1.65 0.00	41.93 1.68 0.00	33.91 1.31 0.00	29.20 1.09 0.00
CRICKET__VALLEY_CC2 323757	21.99 0.59 0.00	22.45 0.48 0.00	20.88 0.44 0.00	18.99 0.44 0.00	20.01 0.43 0.00	24.13 0.42 0.00	25.79 0.59 0.00	26.39 0.77 0.00	24.83 0.72 0.00	24.50 0.76 0.00	26.37 0.84 0.00	29.68 1.05 0.00	27.89 1.08 0.00	29.29 1.24 0.00	28.07 1.11 0.00	31.28 1.31 0.00	35.39 1.57 0.00	40.97 1.67 0.00	42.39 1.86 0.00	44.51 1.64 0.00	42.12 1.65 0.00	41.93 1.68 0.00	33.91 1.31 0.00	29.20 1.09 0.00
CRICKET__VALLEY_CC3 323758	21.99 0.59 0.00	22.45 0.48 0.00	20.88 0.44 0.00	18.99 0.44 0.00	20.01 0.43 0.00	24.13 0.42 0.00	25.79 0.59 0.00	26.39 0.77 0.00	24.83 0.72 0.00	24.50 0.76 0.00	26.37 0.84 0.00	29.68 1.05 0.00	27.89 1.08 0.00	29.29 1.24 0.00	28.07 1.11 0.00	31.28 1.31 0.00	35.39 1.57 0.00	40.97 1.67 0.00	42.39 1.86 0.00	44.51 1.64 0.00	42.12 1.65 0.00	41.93 1.68 0.00	33.91 1.31 0.00	29.20 1.09 0.00
CRUCIBLE__METL_DRP 24180	21.36 -0.04 0.00	21.96 -0.02 0.00	20.39 -0.05 0.00	18.51 -0.04 0.00	19.57 -0.01 0.00	23.70 -0.01 0.00	25.15 -0.04 0.00	25.61 -0.02 0.00	24.12 0.00 0.00	23.78 0.04 0.00	25.58 0.04 0.00	28.84 0.21 0.00	27.06 0.25 0.00	28.33 0.28 0.00	27.11 0.16 0.00	30.22 0.25 0.00	34.10 0.28 0.00	39.74 0.43 0.00	41.06 0.53 0.00	43.32 0.44 0.00	40.80 0.33 0.00	40.50 0.24 0.00	32.72 0.12 0.00	28.16 0.05 0.00
DAHOWA__HYDRO 323763	22.34 0.94 0.00	22.94 0.96 0.00	21.39 0.94 0.00	19.41 0.86 0.00	20.51 0.92 0.00	24.77 1.06 0.00	26.38 1.18 0.00	26.93 1.31 0.00	25.15 1.04 0.00	24.57 0.83 0.00	26.22 0.68 0.00	29.42 0.78 0.00	27.53 0.72 0.00	28.94 0.89 0.00	27.78 0.82 0.00	31.02 1.06 0.00	35.40 1.57 0.00	41.19 1.88 0.00	43.26 2.73 0.00	45.76 2.88 0.00	43.59 3.12 0.00	43.19 2.94 0.00	34.87 2.27 0.00	29.98 1.86 0.00
DANC__LFGE 323619	21.07 -0.33 0.00	21.62 -0.35 0.00	20.08 -0.37 0.00	18.22 -0.33 0.00	19.28 -0.31 0.00	23.36 -0.35 0.00	24.80 -0.40 0.00	24.97 -0.66 0.00	23.51 -0.60 0.00	23.10 -0.64 0.00	24.67 -0.86 0.00	27.71 -0.92 0.00	25.91 -0.90 0.00	27.05 -1.00 0.00	25.94 -1.01 0.00	28.97 -0.99 0.00	32.84 -0.98 0.00	38.48 -0.82 0.00	39.99 -0.54 0.00	42.44 -0.44 0.00	40.00 -0.48 0.00	39.46 -0.79 0.00	31.86 -0.74 0.00	27.49 -0.62 0.00
DANSKAMMER__1 23586	22.29 0.89 0.00	22.74 0.76 0.00	21.11 0.67 0.00	19.19 0.64 0.00	20.21 0.62 0.00	24.40 0.69 0.00	26.11 0.91 0.00	26.75 1.13 0.00	25.22 1.11 0.00	24.93 1.19 0.00	26.90 1.36 0.00	30.34 1.71 0.00	28.56 1.76 0.00	30.02 1.97 0.00	28.78 1.83 0.00	32.13 2.16 0.00	36.30 2.48 0.00	42.12 2.81 0.00	43.49 2.96 0.00	45.55 2.68 0.00	42.92 2.45 0.00	42.68 2.43 0.00	34.52 1.92 0.00	29.66 1.55 0.00
DANSKAMMER__2 23589	22.29 0.89 0.00	22.74 0.76 0.00	21.11 0.67 0.00	19.19 0.64 0.00	20.21 0.62 0.00	24.40 0.69 0.00	26.11 0.91 0.00	26.75 1.13 0.00	25.22 1.11 0.00	24.93 1.19 0.00	26.90 1.36 0.00	30.34 1.71 0.00	28.56 1.76 0.00	30.02 1.97 0.00	28.78 1.83 0.00	32.13 2.16 0.00	36.30 2.48 0.00	42.12 2.81 0.00	43.49 2.96 0.00	45.55 2.68 0.00	42.92 2.45 0.00	42.68 2.43 0.00	34.52 1.92 0.00	29.66 1.55 0.00
DANSKAMMER__3 23590	22.29 0.89 0.00	22.74 0.76 0.00	21.11 0.67 0.00	19.19 0.64 0.00	20.21 0.62 0.00	24.40 0.69 0.00	26.11 0.91 0.00	26.75 1.13 0.00	25.22 1.11 0.00	24.93 1.19 0.00	26.90 1.36 0.00	30.34 1.71 0.00	28.56 1.76 0.00	30.02 1.97 0.00	28.78 1.83 0.00	32.13 2.16 0.00	36.30 2.48 0.00	42.12 2.81 0.00	43.49 2.96 0.00	45.55 2.68 0.00	42.92 2.45 0.00	42.68 2.43 0.00	34.52 1.92 0.00	29.66 1.55 0.00

DANSKAMMER___4 23591	22.29 0.89 0.00	22.74 0.76 0.00	21.11 0.67 0.00	19.19 0.64 0.00	20.21 0.62 0.00	24.40 0.69 0.00	26.11 0.91 0.00	26.75 1.13 0.00	25.22 1.11 0.00	24.93 1.19 0.00	26.90 1.36 0.00	30.34 1.71 0.00	28.56 1.76 0.00	30.02 1.97 0.00	28.78 1.83 0.00	32.13 2.16 0.00	36.30 2.48 0.00	42.12 2.81 0.00	43.49 2.96 0.00	45.55 2.68 0.00	42.92 2.45 0.00	42.68 2.43 0.00	34.52 1.92 0.00	29.66 1.55 0.00
DANSKAMMER___DIESEL 23592	22.28 0.88 0.00	22.74 0.76 0.00	21.11 0.67 0.00	19.19 0.64 0.00	20.21 0.62 0.00	24.40 0.69 0.00	26.11 0.91 0.00	26.75 1.13 0.00	25.22 1.11 0.00	24.93 1.19 0.00	26.90 1.36 0.00	30.34 1.71 0.00	28.56 1.76 0.00	30.02 1.97 0.00	28.78 1.83 0.00	32.13 2.16 0.00	36.30 2.48 0.00	42.11 2.81 0.00	43.49 2.96 0.00	45.56 2.68 0.00	42.92 2.45 0.00	42.68 2.43 0.00	34.52 1.92 0.00	29.66 1.55 0.00
DARBY___SOLAR 323810	22.28 0.87 0.00	22.87 0.90 0.00	21.33 0.88 0.00	19.35 0.80 0.00	20.45 0.86 0.00	24.70 0.99 0.00	26.28 1.09 0.00	26.84 1.21 0.00	25.06 0.95 0.00	24.49 0.76 0.00	26.15 0.61 0.00	29.34 0.71 0.00	27.46 0.65 0.00	28.85 0.81 0.00	27.70 0.75 0.00	30.93 0.97 0.00	35.27 1.45 0.00	41.15 1.84 0.00	44.17 3.65 0.00	46.73 3.85 0.00	44.29 3.82 0.00	42.96 2.71 0.00	34.70 2.10 0.00	29.84 1.72 0.00
DASHVILLE___HYD 23610	22.00 0.60 0.00	22.42 0.45 0.00	20.80 0.36 0.00	18.91 0.35 0.00	19.90 0.32 0.00	24.03 0.32 0.00	25.70 0.50 0.00	26.44 0.81 0.00	24.99 0.88 0.00	24.71 0.97 0.00	26.67 1.13 0.00	30.06 1.43 0.00	28.32 1.51 0.00	29.75 1.70 0.00	28.51 1.56 0.00	31.83 1.86 0.00	35.95 2.12 0.00	41.66 2.36 0.00	42.99 2.46 0.00	44.99 2.12 0.00	42.38 1.90 0.00	42.15 1.90 0.00	34.10 1.50 0.00	29.32 1.21 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	22.46 1.06 0.00	22.92 0.94 0.00	21.17 0.73 0.00	19.48 0.93 0.00	20.37 0.79 0.00	24.55 0.84 0.00	26.36 1.16 0.00	27.15 1.53 0.00	25.64 1.53 0.00	25.43 1.69 0.00	27.65 2.11 0.00	31.42 2.79 0.00	31.14 3.05 -1.28	32.90 3.38 -1.48	29.94 2.99 0.00	33.36 3.40 0.00	37.88 4.06 0.00	43.68 4.38 0.00	45.25 4.72 0.00	46.90 4.02 0.00	43.93 3.46 0.00	43.85 3.60 0.00	35.34 2.73 0.00	30.43 2.32 0.00
DELAWARE___LFGE 323621	21.82 0.42 0.00	22.36 0.38 0.00	20.80 0.36 0.00	18.89 0.33 0.00	19.93 0.35 0.00	24.14 0.43 0.00	25.71 0.51 0.00	26.26 0.64 0.00	24.73 0.62 0.00	24.38 0.64 0.00	26.26 0.73 0.00	29.57 0.94 0.00	27.78 0.96 0.00	29.08 1.03 0.00	27.88 0.92 0.00	31.04 1.07 0.00	34.99 1.17 0.00	40.68 1.37 0.00	42.01 1.48 0.00	44.25 1.38 0.00	41.71 1.24 0.00	41.48 1.23 0.00	33.58 0.98 0.00	28.90 0.79 0.00
DERFIELD_115KV_TB7 355931	21.43 0.02 0.00	21.99 0.01 0.00	20.48 0.04 0.00	18.59 0.04 0.00	19.62 0.04 0.00	23.72 0.00 0.00	25.21 0.02 0.00	25.67 0.05 0.00	24.13 0.02 0.00	23.76 0.02 0.00	25.54 0.00 0.00	28.67 0.04 0.00	26.88 0.07 0.00	28.15 0.11 0.00	27.03 0.08 0.00	30.06 0.10 0.00	33.95 0.12 0.00	39.43 0.12 0.00	40.73 0.20 0.00	43.04 0.16 0.00	40.64 0.17 0.00	40.42 0.17 0.00	32.74 0.13 0.00	28.21 0.10 0.00
DOGLEVILLE___HYD 23807	21.15 -0.25 0.00	21.68 -0.29 0.00	20.25 -0.20 0.00	18.41 -0.14 0.00	19.44 -0.15 0.00	23.39 -0.32 0.00	24.86 -0.34 0.00	25.23 -0.39 0.00	23.38 -0.73 0.00	22.91 -0.83 0.00	24.56 -0.98 0.00	27.61 -1.02 0.00	26.03 -0.78 0.00	27.38 -0.66 0.00	26.31 -0.65 0.00	29.40 -0.57 0.00	33.23 -0.59 0.00	38.93 -0.37 0.00	40.59 0.06 0.00	42.98 0.10 0.00	40.77 0.29 0.00	40.65 0.40 0.00	32.82 0.22 0.00	28.18 0.07 0.00
DUNKIRK___115KV_TB_200 55889	20.93 -0.47 0.00	21.74 -0.24 0.00	20.14 -0.30 0.00	18.14 -0.41 0.00	19.32 -0.27 0.00	23.84 0.13 0.00	25.34 0.14 0.00	25.90 0.27 0.00	24.68 0.57 0.00	24.39 0.65 0.00	26.41 0.87 0.00	30.62 1.68 -0.31	29.18 1.46 -0.90	29.53 1.34 -0.14	28.51 0.71 -0.85	32.98 1.03 -1.98	37.46 0.73 -2.91	45.27 1.41 -4.56	45.74 1.20 -4.00	47.38 0.93 -3.56	40.76 0.28 0.00	40.75 0.49 0.00	33.09 0.49 0.00	28.37 0.26 0.00
DUNKIRK___1 23563	20.93 -0.47 0.00	21.74 -0.24 0.00	20.14 -0.30 0.00	18.14 -0.41 0.00	19.32 -0.27 0.00	23.84 0.13 0.00	25.34 0.14 0.00	25.90 0.27 0.00	24.68 0.57 0.00	24.39 0.65 0.00	26.41 0.87 0.00	30.62 1.68 -0.31	29.18 1.46 -0.90	29.53 1.34 -0.14	28.51 0.71 -0.85	32.98 1.03 -1.98	37.46 0.73 -2.91	45.27 1.41 -4.56	45.74 1.20 -4.00	47.38 0.93 -3.56	40.76 0.28 0.00	40.75 0.49 0.00	33.09 0.49 0.00	28.37 0.26 0.00
DUNKIRK___2 23564	20.93 -0.47 0.00	21.74 -0.24 0.00	20.14 -0.30 0.00	18.14 -0.41 0.00	19.32 -0.27 0.00	23.84 0.13 0.00	25.34 0.14 0.00	25.90 0.27 0.00	24.68 0.57 0.00	24.39 0.65 0.00	26.41 0.87 0.00	30.62 1.68 -0.31	29.18 1.46 -0.90	29.53 1.34 -0.14	28.51 0.71 -0.85	32.98 1.03 -1.98	37.46 0.73 -2.91	45.27 1.41 -4.56	45.74 1.20 -4.00	47.38 0.93 -3.56	40.76 0.28 0.00	40.75 0.49 0.00	33.09 0.49 0.00	28.37 0.26 0.00
DUNKIRK___3 23565	20.84 -0.56 0.00	21.63 -0.34 0.00	20.04 -0.40 0.00	18.05 -0.51 0.00	19.21 -0.37 0.00	23.71 -0.01 0.00	25.19 0.00 0.00	25.74 0.12 0.00	24.53 0.42 0.00	24.24 0.50 0.00	26.26 0.73 0.00	30.46 1.50 -0.33	29.05 1.29 -0.96	29.36 1.16 -0.15	28.38 0.53 -0.90	32.89 0.82 -2.10	37.43 0.52 -3.08	45.27 1.14 -4.83	45.71 0.94 -4.24	47.28 0.63 -3.77	40.51 0.04 0.00	40.48 0.23 0.00	32.90 0.30 0.00	28.22 0.11 0.00
DUNKIRK___4 23566	20.84 -0.56 0.00	21.63 -0.34 0.00	20.04 -0.40 0.00	18.05 -0.51 0.00	19.21 -0.37 0.00	23.71 -0.01 0.00	25.19 0.00 0.00	25.74 0.12 0.00	24.53 0.42 0.00	24.24 0.50 0.00	26.26 0.73 0.00	30.46 1.50 -0.33	29.05 1.29 -0.96	29.36 1.16 -0.15	28.38 0.53 -0.90	32.89 0.82 -2.10	37.43 0.52 -3.08	45.27 1.14 -4.83	45.71 0.94 -4.24	47.28 0.63 -3.77	40.51 0.04 0.00	40.48 0.23 0.00	32.90 0.30 0.00	28.22 0.11 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.26 0.86 0.00	22.69 0.72 0.00	21.07 0.62 0.00	19.16 0.61 0.00	20.16 0.58 0.00	24.33 0.62 0.00	26.05 0.85 0.00	26.71 1.09 0.00	25.22 1.11 0.00	24.97 1.23 0.00	26.97 1.44 0.00	30.45 1.83 0.00	28.71 1.90 0.00	30.15 2.11 0.00	28.87 1.92 0.00	32.18 2.22 0.00	36.28 2.46 0.00	42.02 2.71 0.00	43.36 2.83 0.00	45.34 2.46 0.00	42.71 2.24 0.00	42.52 2.27 0.00	34.46 1.85 0.00	29.64 1.53 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.13 0.73 0.00	22.57 0.60 0.00	20.96 0.52 0.00	19.05 0.49 0.00	20.05 0.47 0.00	24.23 0.52 0.00	25.92 0.72 0.00	26.55 0.93 0.00	25.03 0.92 0.00	24.75 1.01 0.00	26.71 1.17 0.00	30.12 1.49 0.00	28.36 1.55 0.00	29.80 1.75 0.00	28.56 1.61 0.00	31.87 1.90 0.00	35.98 2.16 0.00	41.75 2.45 0.00	43.11 2.58 0.00	45.15 2.27 0.00	42.55 2.08 0.00	42.30 2.05 0.00	34.23 1.62 0.00	29.43 1.32 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	22.39 0.99 0.00	22.80 0.83 0.00	21.18 0.73 0.00	19.25 0.69 0.00	20.23 0.65 0.00	24.45 0.73 0.00	26.21 1.01 0.00	26.86 1.23 0.00	25.37 1.25 0.00	25.09 1.35 0.00	27.10 1.57 0.00	30.60 1.97 0.00	28.85 2.03 0.00	30.29 2.24 0.00	29.00 2.05 0.00	32.29 2.33 0.00	36.41 2.59 0.00	42.13 2.82 0.00	43.44 2.91 0.00	45.46 2.58 0.00	42.81 2.33 0.00	42.70 2.45 0.00	34.66 2.07 0.00	29.77 1.66 0.00
E179THST_13_KV_LOAD 356214	22.50 1.11 0.00	22.92 0.95 0.00	21.28 0.83 0.00	19.33 0.78 0.00	20.33 0.75 0.00	24.56 0.85 0.00	26.34 1.15 0.00	26.99 1.37 0.00	25.50 1.39 0.00	25.22 1.48 0.00	27.25 1.71 0.00	30.78 2.15 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.17 2.21 0.00	32.48 2.51 0.00	36.62 2.80 0.00	42.39 3.08 0.00	43.70 3.18 0.00	45.72 2.84 0.00	43.06 2.58 0.00	42.94 2.69 0.00	34.87 2.26 0.00	29.93 1.82 0.00
EAST HAMPTON___GT 23717	22.57 1.17 0.00	23.00 1.03 0.00	21.32 0.88 0.00	19.62 1.06 0.00	20.55 0.96 0.00	24.83 1.12 0.00	26.71 1.52 0.00	27.54 1.92 0.00	26.04 1.93 0.00	25.85 2.11 0.00	28.14 2.60 0.00	32.01 3.38 0.00	31.70 3.61 -1.28	33.50 3.98 -1.48	30.42 3.47 0.00	33.77 3.80 0.00	38.35 4.52 0.00	44.22 4.92 0.00	45.70 5.17 0.00	47.26 4.38 0.00	44.30 3.83 0.00	44.29 4.04 0.00	35.71 3.11 0.00	30.77 2.66 0.00
EAST RIVER___6 23660	22.35 0.95 0.00	22.75 0.78 0.00	21.12 0.68 0.00	19.21 0.66 0.00	20.21 0.62 0.00	24.39 0.67 0.00	26.13 0.93 0.00	26.79 1.17 0.00	25.34 1.23 0.00	25.12 1.38 0.00	27.14 1.61 0.00	30.66 2.03 0.00	28.93 2.12 0.00	30.38 2.33 0.00	29.09 2.14 0.00	32.43 2.47 0.00	36.53 2.71 0.00	42.23 2.93 0.00	43.53 3.01 0.00	45.48 2.60 0.00	42.86 2.38 0.00	42.70 2.44 0.00	34.64 2.03 0.00	29.76 1.65 0.00
EAST RIVER___7 23524	22.35 0.95 0.00	22.75 0.78 0.00	21.12 0.68 0.00	19.21 0.66 0.00	20.21 0.62 0.00	24.39 0.67 0.00	26.13 0.93 0.00	26.79 1.17 0.00	25.34 1.23 0.00	25.12 1.38 0.00	27.14 1.61 0.00	30.66 2.03 0.00	28.93 2.12 0.00	30.38 2.33 0.00	29.09 2.14 0.00	32.43 2.47 0.00	36.53 2.71 0.00	42.23 2.93 0.00	43.53 3.01 0.00	45.48 2.60 0.00	42.86 2.38 0.00	42.70 2.44 0.00	34.64 2.03 0.00	29.76 1.65 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.22 0.82 0.00	22.65 0.68 0.00	21.03 0.58 0.00	19.13 0.57 0.00	20.12 0.54 0.00	24.30 0.58 0.00	26.01 0.81 0.00	26.66 1.04 0.00	25.16 1.05 0.00	24.90 1.16 0.00	26.90 1.36 0.00	30.37 1.74 0.00	28.62 1.81 0.00	30.06 2.01 0.00	28.79 1.84 0.00	32.10 2.13 0.00	36.19 2.37 0.00	41.93 2.63 0.00	43.26 2.74 0.00	45.25 2.37 0.00	42.63 2.16 0.00	42.43 2.18 0.00	34.38 1.78 0.00	29.57 1.46 0.00
EAST_HAMPTON___DIESEL 23722	22.54 1.14 0.00	22.98 1.01 0.00	21.31 0.86 0.00	19.61 1.05 0.00	20.54 0.96 0.00	24.83 1.12 0.00	26.71 1.52 0.00	27.54 1.92 0.00	26.04 1.94 0.00	25.85 2.11 0.00	28.15 2.61 0.00	32.02 3.39 0.00	31.71 3.63 -1.28	33.52 3.99 -1.48	30.42 3.47 0.00	33.77 3.80 0.00	38.34 4.52 0.00	44.21 4.91 0.00	45.67 5.15 0.00	47.23 4.35 0.00	44.27 3.79 0.00	44.26 4.01 0.00	35.69 3.09 0.00	30.76 2.65 0.00
EAST_POINT___SOLAR 323840	22.63 1.23 0.00	23.21 1.23 0.00	21.52 1.08 0.00	19.52 0.97 0.00	20.62 1.03 0.00	25.06 1.35 0.00	26.65 1.45 0.00	26.40 0.77 0.00	24.29 0.18 0.00	23.79 0.05 0.00	25.64 0.11 0.00	28.94 0.31 0.00	27.30 0.49 0.00	28.68 0.63 0.00	27.85 0.89 0.00	31.28 1.31 0.00	35.29 1.47 0.00	41.45 2.15 0.00	43.02 2.49 0.00	45.88 3.00 0.00	43.37 2.89 0.00	43.24 2.99 0.00	34.90 2.30 0.00	29.96 1.85 0.00
EAST_PULASKI___ESR 323781	21.01 -0.39 0.00	21.58 -0.40 0.00	20.04 -0.40 0.00	18.19 -0.37 0.00	19.23 -0.35 0.00	23.30 -0.42 0.00	24.72 -0.48 0.00	25.06 -0.56 0.00	23.56 -0.55 0.00	23.17 -0.57 0.00	24.85 -0.69 0.00	27.95 -0.68 0.00	26.19 -0.62 0.00	27.38 -0.66 0.00	26.24 -0.71 0.00	29.27 -0.69 0.00	33.10 -0.72 0.00	38.67 -0.64 0.00	40.06 -0.47 0.00	42.40 -0.48 0.00	39.98 -0.49 0.00	39.60 -0.65 0.00	32.00 -0.61 0.00	27.56 -0.55 0.00
EAST_RIVER___1 323558	22.34 0.94 0.00	22.74 0.77 0.00	21.12 0.67 0.00	19.21 0.65 0.00	20.20 0.62 0.00	24.39 0.67 0.00	26.12 0.93 0.00	26.80 1.18 0.00	25.33 1.23 0.00	25.11 1.37 0.00	27.13 1.59 0.00	30.64 2.01 0.00	28.90 2.09 0.00	30.35 2.30 0.00	29.06 2.11 0.00	32.40 2.43 0.00	36.50 2.68 0.00	42.24 2.93 0.00	43.54 3.02 0.00	45.48 2.61 0.00	42.84 2.37 0.00	42.67 2.42 0.00	34.61 2.00 0.00	29.75 1.64 0.00
EAST_RIVER___2 323559	22.35 0.95 0.00	22.75 0.78 0.00	21.12 0.68 0.00	19.21 0.66 0.00	20.21 0.62 0.00	24.39 0.67 0.00	26.13 0.93 0.00	26.79 1.17 0.00	25.34 1.23 0.00	25.12 1.38 0.00	27.14 1.61 0.00	30.66 2.03 0.00	28.93 2.12 0.00	30.38 2.33 0.00	29.09 2.14 0.00	32.43 2.47 0.00	36.53 2.71 0.00	42.23 2.93 0.00	43.53 3.01 0.00	45.48 2.60 0.00	42.86 2.38 0.00	42.70 2.44 0.00	34.64 2.03 0.00	29.76 1.65 0.00
EAST___DELAWARE_HYD 23607	21.75 0.34 0.00	22.17 0.20 0.00	20.58 0.13 0.00	18.69 0.14 0.00	19.69 0.10 0.00	23.80 0.09 0.00	25.46 0.26 0.00	26.08 0.46 0.00	24.59 0.48 0.00	24.28 0.54 0.00	26.17 0.63 0.00	29.48 0.85 0.00	27.73 0.92 0.00	29.13 1.09 0.00	28.01 1.05 0.00	31.32 1.35 0.00	35.40 1.58 0.00	41.12 1.82 0.00	42.51 1.99 0.00	44.58 1.70 0.00	41.99 1.52 0.00	41.73 1.47 0.00	33.70 1.10 0.00	28.95 0.84 0.00
EIGHT_POINT___WT_PWR 323820	21.75 0.35 0.00	22.33 0.35 0.00	20.79 0.34 0.00	18.43 -0.12 0.00	19.75 0.17 0.00	24.60 0.89 0.00	26.18 0.99 0.00	26.94 1.32 0.00	25.68 1.57 0.00	25.34 1.60 0.00	27.22 1.69 0.00	31.31 2.55 -0.13	29.40 2.23 -0.36	30.30 2.19 -0.06	29.09 1.79 -0.34	32.80 2.03 -0.80	36.56 1.56 -1.18	43.41 2.26 -1.84	44.61 2.47 -1.62	46.99 2.67 -1.44	42.80 2.32 0.00	43.01 2.77 0.00	34.87 2.27 0.00	29.87 1.76 0.00
ELBRIDGE_115KV_TB2 80188	21.20 -0.20 0.00	21.79 -0.19 0.00	20.27 -0.17 0.00	18.39 -0.17 0.00	19.43 -0.16 0.00	23.56 -0.15 0.00	25.00 -0.19 0.00	25.45 -0.18 0.00	23.99 -0.12 0.00	23.63 -0.11 0.00	25.41 -0.13 0.00	28.62 -0.01 0.00	26.87 0.06 0.00	28.10 0.05 0.00	26.87 -0.08 0.00	29.93 -0.03 0.00	33.79 -0.03 0.00	39.38 0.08 0.00	40.71 0.19 0.00	42.96 0.08 0.00	40.46 -0.02 0.00	40.15 -0.11 0.00	32.46 -0.14 0.00	27.95 -0.17 0.00
ELEC_TRO_TEK 24086	22.37 0.96 0.00	22.82 0.85 0.00	21.10 0.65 0.00	19.27 0.72 0.00	20.24 0.65 0.00	24.35 0.64 0.00	26.07 0.87 0.00	26.77 1.15 0.00	25.20 1.09 0.00	24.97 1.23 0.00	27.15 1.61 0.00	30.74 2.11 0.00	30.35 2.27 -1.28	32.00 2.48 -1.48	29.15 2.19 0.00	32.48 2.51 0.00	36.64 2.81 0.00	42.37 3.07 0.00	43.83 3.30 0.00	45.69 2.81 0.00	42.94 2.46 0.00	42.88 2.63 0.00	34.71 2.11 0.00	29.90 1.79 0.00

ELLENBURG_WT_PWR 323604	21.60 0.20 0.00	22.27 0.30 0.00	20.60 0.16 0.00	18.68 0.12 0.00	19.71 0.13 0.00	23.96 0.25 0.00	25.51 0.31 0.00	25.87 0.25 0.00	24.33 0.21 0.00	23.79 0.05 0.00	25.53 0.00 0.00	28.61 -0.03 0.00	26.57 -0.24 0.00	27.55 -0.49 0.00	26.43 -0.52 0.00	29.37 -0.60 0.00	33.31 -0.51 0.00	38.80 -0.50 0.00	40.25 -0.27 0.00	42.93 0.05 0.00	40.33 -0.15 0.00	40.08 -0.17 0.00	32.68 0.08 0.00	28.24 0.13 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.61 -0.79 0.00	21.42 -0.56 0.00	19.82 -0.63 0.00	17.84 -0.71 0.00	18.98 -0.60 0.00	23.43 -0.28 0.00	24.90 -0.30 0.00	25.47 -0.15 0.00	24.20 0.09 0.00	23.91 0.18 0.00	25.97 0.43 0.00	30.30 1.14 -0.53	29.33 0.97 -1.55	29.08 0.79 -0.25	28.51 0.11 -1.45	33.72 0.36 -3.39	38.91 0.10 -4.99	47.70 0.59 -7.81	47.77 0.38 -6.86	48.99 0.01 -6.10	40.06 -0.41 0.00	39.93 -0.32 0.00	32.55 -0.05 0.00	27.98 -0.13 0.00
EMPIRE_CC_1 323656	21.67 0.27 0.00	22.25 0.28 0.00	20.82 0.37 0.00	18.92 0.37 0.00	19.96 0.38 0.00	24.04 0.33 0.00	25.54 0.34 0.00	26.09 0.47 0.00	24.41 0.30 0.00	24.01 0.27 0.00	25.74 0.20 0.00	28.74 0.11 0.00	26.98 0.17 0.00	28.27 0.23 0.00	27.13 0.18 0.00	30.11 0.15 0.00	34.13 0.31 0.00	39.43 0.13 0.00	40.93 0.41 0.00	43.26 0.38 0.00	41.15 0.68 0.00	40.94 0.69 0.00	33.18 0.57 0.00	28.66 0.56 0.00
EMPIRE_CC_2 323658	21.67 0.27 0.00	22.25 0.28 0.00	20.82 0.37 0.00	18.92 0.37 0.00	19.96 0.38 0.00	24.04 0.33 0.00	25.54 0.34 0.00	26.09 0.47 0.00	24.41 0.30 0.00	24.01 0.27 0.00	25.74 0.20 0.00	28.74 0.11 0.00	26.98 0.17 0.00	28.27 0.23 0.00	27.13 0.18 0.00	30.11 0.15 0.00	34.13 0.31 0.00	39.43 0.13 0.00	40.93 0.41 0.00	43.26 0.38 0.00	41.15 0.68 0.00	40.94 0.69 0.00	33.18 0.57 0.00	28.66 0.56 0.00
ENORWICH_115KV_TB1 80156	22.58 1.18 0.00	23.16 1.19 0.00	21.50 1.05 0.00	19.47 0.92 0.00	20.65 1.06 0.00	25.11 1.40 0.00	26.88 1.68 0.00	27.42 1.80 0.00	25.72 1.61 0.00	25.07 1.33 0.00	26.93 1.39 0.00	30.25 1.62 0.00	28.44 1.63 0.00	29.83 1.78 0.00	28.39 1.44 0.00	31.58 1.62 0.00	35.62 1.80 0.00	41.86 2.55 0.00	43.91 3.38 0.00	46.62 3.74 0.00	43.91 3.44 0.00	43.51 3.26 0.00	35.01 2.41 0.00	30.02 1.91 0.00
ERIE_ST__34_KV_TB1-2 80199	20.91 -0.49 0.00	21.68 -0.30 0.00	20.06 -0.38 0.00	18.06 -0.49 0.00	19.19 -0.39 0.00	23.72 0.00 0.00	25.19 -0.01 0.00	25.78 0.15 0.00	24.53 0.42 0.00	24.24 0.50 0.00	26.32 0.78 0.00	30.37 1.50 -0.24	28.79 1.27 -0.71	29.40 1.24 -0.11	28.15 0.54 -0.66	32.34 0.82 -1.55	36.72 0.62 -2.28	44.10 1.23 -3.58	44.72 1.06 -3.14	46.34 0.67 -2.79	40.72 0.24 0.00	40.54 0.29 0.00	32.99 0.38 0.00	28.33 0.22 0.00
ERIE_WT_PWR 323693	20.76 -0.64 0.00	21.56 -0.42 0.00	19.95 -0.49 0.00	17.96 -0.60 0.00	19.10 -0.48 0.00	23.58 -0.13 0.00	25.05 -0.14 0.00	25.63 0.01 0.00	24.35 0.24 0.00	24.07 0.33 0.00	26.13 0.60 0.00	30.24 1.32 -0.29	28.79 1.13 -0.84	29.16 0.97 -0.14	28.04 0.30 -0.79	32.38 0.56 -1.85	36.87 0.32 -2.72	44.45 0.88 -4.26	44.97 0.69 -3.74	46.55 0.34 -3.33	40.36 -0.11 0.00	40.23 -0.03 0.00	32.77 0.16 0.00	28.15 0.04 0.00
ESPRGFLD_115KV_TB1 80157	22.39 0.99 0.00	22.96 0.98 0.00	21.27 0.83 0.00	19.28 0.73 0.00	20.36 0.78 0.00	24.79 1.07 0.00	26.43 1.23 0.00	26.83 1.20 0.00	25.32 1.21 0.00	24.95 1.21 0.00	26.95 1.42 0.00	30.37 1.74 0.00	28.52 1.71 0.00	29.75 1.70 0.00	28.57 1.61 0.00	31.83 1.86 0.00	35.76 1.94 0.00	41.79 2.49 0.00	43.06 2.54 0.00	45.52 2.65 0.00	42.76 2.28 0.00	42.55 2.30 0.00	34.41 1.81 0.00	29.56 1.44 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.64 0.24 0.00	22.23 0.25 0.00	20.67 0.22 0.00	18.72 0.17 0.00	19.81 0.22 0.00	24.07 0.36 0.00	25.62 0.43 0.00	26.14 0.52 0.00	24.62 0.51 0.00	24.17 0.43 0.00	25.99 0.45 0.00	29.28 0.65 0.00	27.49 0.68 0.00	28.73 0.68 0.00	27.47 0.51 0.00	30.61 0.64 0.00	34.51 0.69 0.00	40.31 1.01 0.00	41.84 1.32 0.00	44.24 1.36 0.00	41.67 1.20 0.00	41.37 1.12 0.00	33.42 0.81 0.00	28.71 0.60 0.00
ETNA____115KV_TB2 80207	21.64 0.24 0.00	22.23 0.25 0.00	20.67 0.22 0.00	18.72 0.17 0.00	19.81 0.22 0.00	24.07 0.36 0.00	25.62 0.43 0.00	26.14 0.52 0.00	24.62 0.51 0.00	24.17 0.43 0.00	25.99 0.45 0.00	29.28 0.65 0.00	27.49 0.68 0.00	28.73 0.68 0.00	27.47 0.51 0.00	30.61 0.64 0.00	34.51 0.69 0.00	40.31 1.01 0.00	41.84 1.32 0.00	44.24 1.36 0.00	41.67 1.20 0.00	41.37 1.12 0.00	33.42 0.81 0.00	28.71 0.60 0.00
EUCLID____115KV_TB2 356179	21.09 -0.31 0.00	21.68 -0.30 0.00	20.15 -0.30 0.00	18.27 -0.28 0.00	19.32 -0.27 0.00	23.41 -0.30 0.00	24.83 -0.37 0.00	25.29 -0.33 0.00	23.81 -0.30 0.00	23.47 -0.27 0.00	25.24 -0.29 0.00	28.45 -0.18 0.00	26.68 -0.13 0.00	27.93 -0.12 0.00	26.73 -0.22 0.00	29.79 -0.17 0.00	33.61 -0.21 0.00	39.14 -0.17 0.00	40.41 -0.12 0.00	42.62 -0.25 0.00	40.16 -0.32 0.00	39.89 -0.36 0.00	32.27 -0.33 0.00	27.78 -0.33 0.00
E_CANADA_CAP_HY 24051	22.60 1.20 0.00	23.18 1.20 0.00	21.48 1.04 0.00	19.47 0.92 0.00	20.56 0.98 0.00	25.03 1.31 0.00	26.64 1.44 0.00	26.84 1.22 0.00	25.16 1.05 0.00	24.72 0.98 0.00	26.69 1.15 0.00	30.05 1.42 0.00	28.22 1.41 0.00	29.46 1.41 0.00	28.38 1.42 0.00	31.65 1.69 0.00	35.58 1.75 0.00	41.68 2.38 0.00	43.00 2.47 0.00	45.61 2.73 0.00	42.97 2.50 0.00	42.93 2.68 0.00	34.72 2.11 0.00	29.83 1.72 0.00
E_CANADA_MHWK_HY 24050	21.15 -0.25 0.00	21.68 -0.29 0.00	20.25 -0.20 0.00	18.41 -0.14 0.00	19.44 -0.15 0.00	23.39 -0.32 0.00	24.86 -0.34 0.00	25.23 -0.39 0.00	23.38 -0.73 0.00	22.91 -0.83 0.00	24.56 -0.98 0.00	27.61 -1.02 0.00	26.03 -0.78 0.00	27.38 -0.66 0.00	26.31 -0.65 0.00	29.40 -0.57 0.00	33.23 -0.59 0.00	38.93 -0.37 0.00	40.59 0.06 0.00	42.98 0.10 0.00	40.77 0.29 0.00	40.65 0.40 0.00	32.82 0.22 0.00	28.18 0.07 0.00
E_FISHKILL____LBMP 23776	22.08 0.68 0.00	22.54 0.56 0.00	20.94 0.50 0.00	19.05 0.49 0.00	20.05 0.47 0.00	24.20 0.49 0.00	25.87 0.67 0.00	26.50 0.87 0.00	24.97 0.86 0.00	24.68 0.94 0.00	26.61 1.08 0.00	30.01 1.38 0.00	28.25 1.44 0.00	29.67 1.62 0.00	28.42 1.47 0.00	31.67 1.71 0.00	35.76 1.94 0.00	41.41 2.11 0.00	42.78 2.25 0.00	44.83 1.95 0.00	42.30 1.83 0.00	42.10 1.84 0.00	34.09 1.49 0.00	29.34 1.23 0.00
FALCON____SEABRD_CC1 323796	22.16 0.76 0.00	22.83 0.85 0.00	21.16 0.71 0.00	19.19 0.64 0.00	20.28 0.69 0.00	24.57 0.86 0.00	26.21 1.02 0.00	26.73 1.11 0.00	25.07 0.96 0.00	24.44 0.70 0.00	26.12 0.59 0.00	29.23 0.60 0.00	27.09 0.28 0.00	28.10 0.06 0.00	26.85 -0.10 0.00	29.85 -0.11 0.00	34.04 0.21 0.00	39.52 0.22 0.00	41.17 0.64 0.00	43.90 1.02 0.00	41.23 0.75 0.00	40.94 0.68 0.00	33.58 0.98 0.00	29.07 0.96 0.00

FALCON___SEABRD_CC2 323797	22.16 0.76 0.00	22.83 0.85 0.00	21.16 0.71 0.00	19.19 0.64 0.00	20.28 0.69 0.00	24.57 0.86 0.00	26.21 1.02 0.00	26.73 1.11 0.00	25.07 0.96 0.00	24.44 0.70 0.00	26.12 0.59 0.00	29.23 0.60 0.00	27.09 0.28 0.00	28.10 0.06 0.00	26.85 -0.10 0.00	29.85 -0.11 0.00	34.04 0.21 0.00	39.52 0.22 0.00	41.17 0.64 0.00	43.90 1.02 0.00	41.23 0.75 0.00	40.94 0.68 0.00	33.58 0.98 0.00	29.07 0.96 0.00
FAR ROCKAWAY___4 23548	22.66 1.26 0.00	23.11 1.14 0.00	21.36 0.91 0.00	19.50 0.94 0.00	20.48 0.90 0.00	24.65 0.94 0.00	26.35 1.16 0.00	27.06 1.44 0.00	25.48 1.37 0.00	25.28 1.54 0.00	27.52 1.98 0.00	31.18 2.55 0.00	30.77 2.68 -1.28	32.46 2.94 -1.48	29.60 2.65 0.00	32.99 3.03 0.00	37.25 3.42 0.00	43.14 3.84 0.00	44.62 4.10 0.00	46.49 3.61 0.00	43.69 3.22 0.00	43.61 3.36 0.00	35.30 2.69 0.00	30.36 2.25 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.35 0.95 0.00	22.77 0.79 0.00	21.14 0.69 0.00	19.22 0.66 0.00	20.21 0.63 0.00	24.40 0.69 0.00	26.15 0.95 0.00	26.83 1.21 0.00	25.36 1.25 0.00	25.13 1.39 0.00	27.15 1.62 0.00	30.67 2.04 0.00	28.92 2.11 0.00	30.38 2.33 0.00	29.09 2.14 0.00	32.42 2.45 0.00	36.53 2.71 0.00	42.28 2.97 0.00	43.59 3.06 0.00	45.53 2.66 0.00	42.88 2.40 0.00	42.71 2.46 0.00	34.64 2.03 0.00	29.77 1.66 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.37 0.96 0.00	22.78 0.80 0.00	21.15 0.71 0.00	19.23 0.68 0.00	20.23 0.64 0.00	24.42 0.71 0.00	26.16 0.96 0.00	26.84 1.22 0.00	25.37 1.26 0.00	25.14 1.39 0.00	27.16 1.62 0.00	30.68 2.05 0.00	28.93 2.12 0.00	30.39 2.34 0.00	29.10 2.15 0.00	32.43 2.46 0.00	36.55 2.73 0.00	42.29 2.99 0.00	43.60 3.08 0.00	45.56 2.68 0.00	42.90 2.42 0.00	42.74 2.49 0.00	34.66 2.06 0.00	29.79 1.68 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.34 0.94 0.00	22.76 0.78 0.00	21.13 0.68 0.00	19.21 0.66 0.00	20.21 0.62 0.00	24.39 0.68 0.00	26.13 0.94 0.00	26.82 1.20 0.00	25.35 1.24 0.00	25.12 1.38 0.00	27.13 1.60 0.00	30.65 2.02 0.00	28.90 2.09 0.00	30.36 2.31 0.00	29.07 2.12 0.00	32.40 2.43 0.00	36.51 2.69 0.00	42.25 2.95 0.00	43.56 3.03 0.00	45.50 2.62 0.00	42.84 2.37 0.00	42.67 2.42 0.00	34.61 2.01 0.00	29.75 1.64 0.00
FARRAGUT___LBMP 323566	22.32 0.92 0.00	22.74 0.77 0.00	21.11 0.67 0.00	19.20 0.64 0.00	20.19 0.61 0.00	24.38 0.67 0.00	26.11 0.92 0.00	26.79 1.17 0.00	25.32 1.21 0.00	25.09 1.35 0.00	27.10 1.57 0.00	30.62 1.99 0.00	28.87 2.06 0.00	30.32 2.28 0.00	29.04 2.08 0.00	32.36 2.40 0.00	36.47 2.64 0.00	42.20 2.90 0.00	43.51 2.98 0.00	45.46 2.58 0.00	42.81 2.33 0.00	42.64 2.39 0.00	34.59 1.99 0.00	29.73 1.62 0.00
FENNER___WINDPWR 24204	21.71 0.31 0.00	22.28 0.30 0.00	20.72 0.27 0.00	18.79 0.24 0.00	19.85 0.27 0.00	24.08 0.37 0.00	25.63 0.43 0.00	26.10 0.48 0.00	24.53 0.42 0.00	24.19 0.45 0.00	25.88 0.35 0.00	29.09 0.46 0.00	27.30 0.48 0.00	28.58 0.54 0.00	27.40 0.45 0.00	30.52 0.56 0.00	34.48 0.66 0.00	40.20 0.89 0.00	41.62 1.09 0.00	44.03 1.15 0.00	41.56 1.08 0.00	41.22 0.97 0.00	33.31 0.71 0.00	28.66 0.56 0.00
FIBERTEK___ENERGY 23856	21.36 -0.04 0.00	21.96 -0.02 0.00	20.39 -0.05 0.00	18.51 -0.04 0.00	19.57 -0.01 0.00	23.70 -0.01 0.00	25.15 -0.04 0.00	25.61 -0.02 0.00	24.12 0.00 0.00	23.78 0.04 0.00	25.58 0.04 0.00	28.84 0.21 0.00	27.06 0.25 0.00	28.33 0.28 0.00	27.11 0.16 0.00	30.22 0.25 0.00	34.10 0.28 0.00	39.74 0.43 0.00	41.06 0.53 0.00	43.32 0.44 0.00	40.80 0.33 0.00	40.50 0.24 0.00	32.72 0.12 0.00	28.16 0.05 0.00
FITZPATRICK____ 23598	20.83 -0.57 0.00	21.41 -0.56 0.00	19.91 -0.54 0.00	18.06 -0.50 0.00	19.08 -0.51 0.00	23.11 -0.60 0.00	24.48 -0.72 0.00	24.90 -0.72 0.00	23.43 -0.68 0.00	23.08 -0.66 0.00	24.81 -0.73 0.00	27.93 -0.70 0.00	26.19 -0.63 0.00	27.39 -0.65 0.00	26.24 -0.71 0.00	29.23 -0.74 0.00	32.97 -0.85 0.00	38.37 -0.93 0.00	39.62 -0.91 0.00	41.82 -1.05 0.00	39.43 -1.05 0.00	39.19 -1.06 0.00	31.73 -0.88 0.00	27.34 -0.77 0.00
FLOWRFLD_69_KV_BK1 356044	22.34 0.94 0.00	22.85 0.87 0.00	21.07 0.62 0.00	19.33 0.78 0.00	20.24 0.66 0.00	24.31 0.60 0.00	26.05 0.85 0.00	26.79 1.17 0.00	25.22 1.11 0.00	24.99 1.25 0.00	27.19 1.65 0.00	30.85 2.22 0.00	30.55 2.46 -1.28	32.23 2.71 -1.48	29.36 2.40 0.00	32.76 2.79 0.00	37.11 3.29 0.00	42.67 3.37 0.00	44.27 3.74 0.00	46.03 3.15 0.00	43.13 2.66 0.00	43.20 2.95 0.00	34.87 2.27 0.00	30.07 1.96 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.33 0.93 0.00	22.78 0.80 0.00	21.15 0.71 0.00	19.22 0.67 0.00	20.25 0.66 0.00	24.45 0.74 0.00	26.16 0.97 0.00	26.80 1.18 0.00	25.27 1.16 0.00	24.98 1.24 0.00	26.96 1.43 0.00	30.41 1.78 0.00	28.63 1.82 0.00	30.09 2.05 0.00	28.86 1.90 0.00	32.20 2.24 0.00	36.40 2.58 0.00	42.23 2.93 0.00	43.60 3.08 0.00	45.67 2.80 0.00	43.04 2.56 0.00	42.78 2.53 0.00	34.59 1.99 0.00	29.72 1.61 0.00
FORT ORANGE____ 23900	21.69 0.29 0.00	22.26 0.28 0.00	20.87 0.42 0.00	18.97 0.41 0.00	20.01 0.43 0.00	24.10 0.40 0.00	25.64 0.44 0.00	26.16 0.54 0.00	24.38 0.27 0.00	23.96 0.22 0.00	25.65 0.11 0.00	28.75 0.12 0.00	26.99 0.18 0.00	28.31 0.27 0.00	27.19 0.23 0.00	30.23 0.26 0.00	34.27 0.45 0.00	39.76 0.45 0.00	41.31 0.78 0.00	43.63 0.75 0.00	41.42 0.94 0.00	41.16 0.91 0.00	33.28 0.68 0.00	28.67 0.56 0.00
FORT_DRUM_COGEN 23780	21.25 -0.15 0.00	21.80 -0.18 0.00	20.22 -0.22 0.00	18.37 -0.18 0.00	19.43 -0.15 0.00	23.55 -0.16 0.00	25.06 -0.13 0.00	25.08 -0.55 0.00	23.59 -0.52 0.00	23.12 -0.62 0.00	24.60 -0.93 0.00	27.57 -1.06 0.00	25.70 -1.11 0.00	26.76 -1.28 0.00	25.71 -1.24 0.00	28.77 -1.20 0.00	32.69 -1.13 0.00	38.46 -0.85 0.00	40.17 -0.36 0.00	42.82 -0.06 0.00	40.40 -0.08 0.00	39.72 -0.53 0.00	32.03 -0.57 0.00	27.64 -0.47 0.00
FOX_HILLS___ESR 323835	22.40 0.99 0.00	22.83 0.85 0.00	21.18 0.74 0.00	19.26 0.70 0.00	20.24 0.65 0.00	24.46 0.74 0.00	26.21 1.01 0.00	26.86 1.23 0.00	25.37 1.26 0.00	25.12 1.38 0.00	27.12 1.59 0.00	30.63 2.00 0.00	28.89 2.08 0.00	30.36 2.32 0.00	29.05 2.10 0.00	32.38 2.42 0.00	36.49 2.67 0.00	42.13 2.83 0.00	43.44 2.91 0.00	45.52 2.64 0.00	42.87 2.39 0.00	42.85 2.59 0.00	34.81 2.20 0.00	29.83 1.72 0.00
FPL FAR_ROCK_GT1 24212	22.67 1.27 0.00	23.11 1.14 0.00	21.36 0.91 0.00	19.50 0.95 0.00	20.48 0.90 0.00	24.65 0.94 0.00	26.35 1.16 0.00	27.06 1.44 0.00	25.47 1.36 0.00	25.28 1.54 0.00	27.52 1.98 0.00	31.18 2.55 0.00	30.77 2.69 -1.28	32.46 2.94 -1.48	29.60 2.65 0.00	32.99 3.03 0.00	37.25 3.43 0.00	43.14 3.84 0.00	44.62 4.10 0.00	46.49 3.61 0.00	43.69 3.22 0.00	43.61 3.36 0.00	35.29 2.69 0.00	30.36 2.25 0.00

FPL FAR_ROCK_GT2 23815	22.67 1.27 0.00	23.11 1.14 0.00	21.36 0.91 0.00	19.50 0.95 0.00	20.48 0.90 0.00	24.65 0.94 0.00	26.35 1.16 0.00	27.06 1.44 0.00	25.47 1.36 0.00	25.28 1.54 0.00	27.52 1.98 0.00	31.18 2.55 0.00	30.77 2.69 -1.28	32.46 2.94 -1.48	29.60 2.65 0.00	32.99 3.03 0.00	37.25 3.43 0.00	43.14 3.84 0.00	44.62 4.10 0.00	46.49 3.61 0.00	43.69 3.22 0.00	43.61 3.36 0.00	35.29 2.69 0.00	30.36 2.25 0.00
FRANKLIN_FALL_HYD 24054	21.61 0.21 0.00	22.28 0.31 0.00	20.61 0.16 0.00	18.67 0.12 0.00	19.70 0.12 0.00	23.98 0.27 0.00	25.56 0.37 0.00	25.90 0.28 0.00	24.36 0.25 0.00	23.81 0.07 0.00	25.57 0.04 0.00	28.61 -0.02 0.00	26.58 -0.23 0.00	27.57 -0.48 0.00	26.51 -0.44 0.00	29.45 -0.51 0.00	33.38 -0.45 0.00	38.93 -0.37 0.00	40.41 -0.12 0.00	43.12 0.24 0.00	40.56 0.09 0.00	40.31 0.05 0.00	32.77 0.16 0.00	28.28 0.17 0.00
FREEPORT_EQUS_GT1 23764	22.49 1.09 0.00	22.94 0.96 0.00	21.19 0.74 0.00	19.37 0.81 0.00	20.33 0.75 0.00	24.45 0.74 0.00	26.17 0.97 0.00	26.90 1.27 0.00	25.31 1.20 0.00	25.06 1.32 0.00	27.29 1.75 0.00	30.94 2.31 0.00	30.57 2.48 -1.28	32.25 2.72 -1.48	29.36 2.41 0.00	32.72 2.75 0.00	36.94 3.12 0.00	42.74 3.44 0.00	44.24 3.71 0.00	46.09 3.22 0.00	43.29 2.81 0.00	43.26 3.01 0.00	34.99 2.39 0.00	30.11 2.00 0.00
FREEPORT___CT2 23818	22.49 1.09 0.00	22.94 0.96 0.00	21.19 0.74 0.00	19.37 0.81 0.00	20.33 0.75 0.00	24.45 0.74 0.00	26.17 0.97 0.00	26.90 1.27 0.00	25.31 1.20 0.00	25.06 1.32 0.00	27.29 1.75 0.00	30.94 2.31 0.00	30.57 2.48 -1.28	32.25 2.72 -1.48	29.36 2.41 0.00	32.72 2.75 0.00	36.94 3.12 0.00	42.74 3.44 0.00	44.24 3.71 0.00	46.09 3.22 0.00	43.29 2.81 0.00	43.26 3.01 0.00	34.99 2.39 0.00	30.11 2.00 0.00
FRESHKLS_33_KV_LOAD 356253	22.36 0.96 0.00	22.80 0.82 0.00	21.16 0.72 0.00	19.23 0.68 0.00	20.22 0.63 0.00	24.43 0.72 0.00	26.18 0.98 0.00	26.83 1.20 0.00	25.33 1.22 0.00	25.06 1.32 0.00	27.06 1.52 0.00	30.54 1.91 0.00	28.82 2.01 0.00	30.30 2.25 0.00	29.00 2.05 0.00	32.34 2.37 0.00	36.44 2.62 0.00	42.04 2.74 0.00	43.35 2.82 0.00	45.51 2.64 0.00	42.86 2.38 0.00	42.86 2.60 0.00	34.80 2.20 0.00	29.80 1.69 0.00
FULTON COGEN____ 23766	21.07 -0.34 0.00	21.64 -0.33 0.00	20.11 -0.33 0.00	18.24 -0.32 0.00	19.29 -0.30 0.00	23.36 -0.35 0.00	24.78 -0.42 0.00	25.24 -0.39 0.00	23.73 -0.38 0.00	23.36 -0.39 0.00	25.09 -0.44 0.00	28.28 -0.35 0.00	26.52 -0.29 0.00	27.76 -0.28 0.00	26.59 -0.37 0.00	29.63 -0.33 0.00	33.45 -0.38 0.00	39.00 -0.30 0.00	40.32 -0.20 0.00	42.57 -0.31 0.00	40.13 -0.34 0.00	39.84 -0.40 0.00	32.21 -0.39 0.00	27.73 -0.38 0.00
FULTON___LFGE 323630	23.34 1.94 0.00	23.90 1.93 0.00	22.15 1.71 0.00	20.12 1.57 0.00	21.30 1.72 0.00	25.82 2.11 0.00	27.43 2.24 0.00	26.81 1.19 0.00	23.95 -0.16 0.00	22.98 -0.76 0.00	24.59 -0.95 0.00	27.67 -0.96 0.00	26.80 -0.01 0.00	27.69 -0.36 0.00	26.89 -0.07 0.00	30.05 0.08 0.00	34.56 0.73 0.00	42.90 3.59 0.00	44.80 4.28 0.00	48.24 5.36 0.00	45.61 5.13 0.00	45.29 5.04 0.00	36.34 3.74 0.00	31.09 2.98 0.00
G.F.CEMENT___DRP 24184	22.49 1.08 0.00	23.10 1.12 0.00	21.52 1.07 0.00	19.52 0.97 0.00	20.63 1.04 0.00	24.95 1.24 0.00	26.59 1.39 0.00	27.18 1.56 0.00	25.39 1.28 0.00	24.78 1.04 0.00	26.38 0.84 0.00	29.59 0.96 0.00	27.67 0.86 0.00	29.11 1.06 0.00	27.95 1.00 0.00	31.30 1.33 0.00	35.75 1.92 0.00	41.57 2.27 0.00	44.17 3.65 0.00	46.73 3.85 0.00	44.53 4.06 0.00	43.83 3.57 0.00	35.36 2.76 0.00	30.36 2.24 0.00
GARDENVILLE___LBMP 24039	20.69 -0.72 0.00	21.49 -0.49 0.00	19.89 -0.55 0.00	17.90 -0.65 0.00	19.05 -0.54 0.00	23.51 -0.19 0.00	24.98 -0.22 0.00	25.55 -0.08 0.00	24.28 0.17 0.00	23.99 0.25 0.00	26.05 0.52 0.00	30.23 1.24 -0.36	28.91 1.05 -1.05	29.10 0.88 -0.17	28.15 0.21 -0.98	32.74 0.47 -2.30	37.42 0.22 -3.38	45.32 0.72 -5.29	45.71 0.54 -4.64	47.20 0.19 -4.13	40.22 -0.26 0.00	40.09 -0.16 0.00	32.67 0.06 0.00	28.07 -0.04 0.00
GARDNVLA_35_KV_LD 355827	20.78 -0.62 0.00	21.58 -0.40 0.00	19.97 -0.47 0.00	17.97 -0.58 0.00	19.12 -0.47 0.00	23.60 -0.11 0.00	25.07 -0.12 0.00	25.65 0.02 0.00	24.39 0.27 0.00	24.10 0.36 0.00	26.17 0.64 0.00	30.26 1.37 -0.27	28.77 1.19 -0.77	29.21 1.04 -0.12	28.04 0.37 -0.72	32.30 0.65 -1.69	36.72 0.42 -2.48	44.16 0.98 -3.88	44.73 0.79 -3.41	46.35 0.44 -3.03	40.45 -0.03 0.00	40.31 0.06 0.00	32.83 0.23 0.00	28.20 0.09 0.00
GELCKHM___115KV_LOAD 80723	21.07 -0.33 0.00	21.65 -0.33 0.00	20.13 -0.32 0.00	18.25 -0.30 0.00	19.29 -0.29 0.00	23.39 -0.32 0.00	24.80 -0.40 0.00	25.27 -0.36 0.00	23.78 -0.33 0.00	23.44 -0.30 0.00	25.22 -0.31 0.00	28.43 -0.20 0.00	26.66 -0.15 0.00	27.90 -0.14 0.00	26.71 -0.24 0.00	29.76 -0.20 0.00	33.57 -0.25 0.00	39.10 -0.20 0.00	40.37 -0.15 0.00	42.58 -0.30 0.00	40.11 -0.36 0.00	39.84 -0.41 0.00	32.23 -0.37 0.00	27.75 -0.36 0.00
GENERAL___MILLS 23808	20.74 -0.66 0.00	21.54 -0.44 0.00	19.94 -0.51 0.00	17.95 -0.61 0.00	19.09 -0.50 0.00	23.56 -0.15 0.00	25.04 -0.16 0.00	25.60 -0.02 0.00	24.34 0.23 0.00	24.05 0.31 0.00	26.11 0.57 0.00	30.22 1.30 -0.29	28.77 1.11 -0.84	29.15 0.96 -0.14	28.03 0.29 -0.79	32.37 0.55 -1.85	36.84 0.30 -2.72	44.40 0.84 -4.26	44.93 0.65 -3.74	46.51 0.30 -3.33	40.33 -0.15 0.00	40.19 -0.06 0.00	32.75 0.15 0.00	28.14 0.03 0.00
GE_PLASTICS___DRP 24183	21.65 0.25 0.00	22.21 0.23 0.00	20.78 0.33 0.00	18.89 0.33 0.00	19.92 0.34 0.00	24.00 0.29 0.00	25.53 0.34 0.00	26.05 0.43 0.00	24.36 0.25 0.00	23.96 0.22 0.00	25.71 0.17 0.00	28.84 0.21 0.00	27.07 0.26 0.00	28.39 0.35 0.00	27.25 0.30 0.00	30.30 0.34 0.00	34.30 0.48 0.00	39.75 0.45 0.00	41.19 0.67 0.00	43.47 0.59 0.00	41.19 0.72 0.00	40.97 0.72 0.00	33.16 0.56 0.00	28.58 0.47 0.00
GILBOA___1 23756	21.71 0.31 0.00	22.24 0.26 0.00	20.77 0.32 0.00	18.88 0.33 0.00	19.91 0.33 0.00	23.95 0.24 0.00	25.52 0.32 0.00	26.05 0.43 0.00	24.49 0.38 0.00	24.13 0.39 0.00	25.95 0.42 0.00	29.18 0.55 0.00	27.40 0.59 0.00	28.74 0.69 0.00	27.56 0.61 0.00	30.67 0.70 0.00	34.60 0.78 0.00	40.07 0.77 0.00	41.38 0.86 0.00	43.60 0.72 0.00	41.20 0.73 0.00	41.03 0.78 0.00	33.30 0.69 0.00	28.70 0.59 0.00
GILBOA___2 23757	21.71 0.31 0.00	22.24 0.26 0.00	20.77 0.32 0.00	18.88 0.33 0.00	19.91 0.33 0.00	23.95 0.24 0.00	25.52 0.32 0.00	26.05 0.43 0.00	24.49 0.38 0.00	24.13 0.39 0.00	25.95 0.42 0.00	29.18 0.55 0.00	27.40 0.59 0.00	28.74 0.69 0.00	27.56 0.61 0.00	30.67 0.70 0.00	34.60 0.78 0.00	40.07 0.77 0.00	41.38 0.86 0.00	43.60 0.72 0.00	41.20 0.73 0.00	41.03 0.78 0.00	33.30 0.69 0.00	28.70 0.59 0.00

GILBOA___3 23758	21.71 0.31 0.00	22.24 0.26 0.00	20.77 0.32 0.00	18.88 0.33 0.00	19.91 0.33 0.00	23.95 0.24 0.00	25.52 0.32 0.00	26.05 0.43 0.00	24.49 0.38 0.00	24.13 0.39 0.00	25.95 0.42 0.00	29.18 0.55 0.00	27.40 0.59 0.00	28.74 0.69 0.00	27.56 0.61 0.00	30.67 0.70 0.00	34.60 0.78 0.00	40.07 0.77 0.00	41.38 0.86 0.00	43.60 0.72 0.00	41.20 0.73 0.00	41.03 0.78 0.00	33.30 0.69 0.00	28.70 0.59 0.00
GILBOA___4 23759	21.71 0.31 0.00	22.24 0.26 0.00	20.77 0.32 0.00	18.88 0.33 0.00	19.91 0.33 0.00	23.95 0.24 0.00	25.52 0.32 0.00	26.05 0.43 0.00	24.49 0.38 0.00	24.13 0.39 0.00	25.95 0.42 0.00	29.18 0.55 0.00	27.40 0.59 0.00	28.74 0.69 0.00	27.56 0.61 0.00	30.67 0.70 0.00	34.60 0.78 0.00	40.07 0.77 0.00	41.38 0.86 0.00	43.60 0.72 0.00	41.20 0.73 0.00	41.03 0.78 0.00	33.30 0.69 0.00	28.70 0.59 0.00
GILBOA___ 23599	21.72 0.31 0.00	22.24 0.26 0.00	20.77 0.32 0.00	18.88 0.33 0.00	19.91 0.33 0.00	23.96 0.24 0.00	25.52 0.32 0.00	26.05 0.43 0.00	24.49 0.38 0.00	24.13 0.39 0.00	25.95 0.42 0.00	29.18 0.55 0.00	27.40 0.59 0.00	28.74 0.69 0.00	27.56 0.61 0.00	30.67 0.70 0.00	34.61 0.79 0.00	40.07 0.77 0.00	41.38 0.85 0.00	43.60 0.72 0.00	41.20 0.73 0.00	41.03 0.78 0.00	33.30 0.69 0.00	28.70 0.59 0.00
GINNA___ 23603	20.13 -1.27 0.00	20.77 -1.21 0.00	19.27 -1.18 0.00	17.41 -1.14 0.00	18.46 -1.13 0.00	22.57 -1.14 0.00	24.00 -1.20 0.00	24.50 -1.13 0.00	23.11 -1.00 0.00	22.81 -0.93 0.00	24.69 -0.85 0.00	28.04 -0.59 0.00	26.29 -0.52 0.00	27.41 -0.63 0.00	26.03 -0.92 0.00	29.11 -0.86 0.00	32.77 -1.05 0.00	38.36 -0.94 0.00	39.57 -0.96 0.00	41.57 -1.31 0.00	38.99 -1.49 0.00	38.67 -1.58 0.00	31.34 -1.26 0.00	26.92 -1.20 0.00
GLEN PARK___ 23778	21.26 -0.15 0.00	21.80 -0.18 0.00	20.22 -0.22 0.00	18.36 -0.19 0.00	19.43 -0.15 0.00	23.55 -0.16 0.00	25.08 -0.11 0.00	25.10 -0.52 0.00	23.60 -0.50 0.00	23.12 -0.62 0.00	24.59 -0.94 0.00	27.56 -1.07 0.00	25.70 -1.11 0.00	26.75 -1.29 0.00	25.68 -1.27 0.00	28.74 -1.22 0.00	32.66 -1.16 0.00	38.47 -0.83 0.00	40.23 -0.30 0.08	42.96 0.08 0.00	40.59 0.11 0.00	39.90 -0.35 0.00	32.15 -0.46 0.00	27.71 -0.40 0.00
GLENDALE_27_KV_LOAD 356172	22.52 1.12 0.00	22.91 0.93 0.00	21.25 0.81 0.00	19.33 0.78 0.00	20.32 0.73 0.00	24.54 0.83 0.00	26.32 1.13 0.00	27.02 1.39 0.00	25.55 1.44 0.00	25.30 1.56 0.00	27.33 1.80 0.00	30.88 2.25 0.00	29.12 2.31 0.00	30.59 2.54 0.00	29.28 2.33 0.00	32.62 2.65 0.00	36.76 2.94 0.00	42.50 3.20 0.00	43.81 3.28 0.00	45.81 2.93 0.00	43.13 2.65 0.00	43.01 2.76 0.00	34.89 2.29 0.00	29.96 1.84 0.00
GLENWOOD_IC_1_G5 23712	22.46 1.06 0.00	22.92 0.94 0.00	21.18 0.74 0.00	19.35 0.80 0.00	20.32 0.74 0.00	24.45 0.74 0.00	26.17 0.98 0.00	26.91 1.28 0.00	25.34 1.23 0.00	25.11 1.37 0.00	27.32 1.78 0.00	30.95 2.32 0.00	30.57 2.48 -1.28	32.25 2.72 -1.48	29.39 2.44 0.00	32.74 2.78 0.00	36.72 2.89 0.00	42.46 3.16 0.00	43.90 3.37 0.00	45.72 2.85 0.00	42.96 2.48 0.00	43.12 2.87 0.00	34.93 2.33 0.00	30.06 1.96 0.00
GLENWOOD_IC_2_G1 23688	22.42 1.02 0.00	22.87 0.90 0.00	21.14 0.70 0.00	19.31 0.76 0.00	20.28 0.70 0.00	24.40 0.69 0.00	26.12 0.93 0.00	26.84 1.22 0.00	25.27 1.17 0.00	25.05 1.31 0.00	27.24 1.70 0.00	30.85 2.22 0.00	30.46 2.37 -1.28	32.12 2.60 -1.48	29.27 2.32 0.00	32.62 2.65 0.00	36.75 2.93 0.00	42.50 3.20 0.00	43.97 3.44 0.00	45.81 2.93 0.00	43.05 2.57 0.00	43.04 2.78 0.00	34.83 2.22 0.00	29.99 1.88 0.00
GLENWOOD_IC_3_G1 23689	22.42 1.02 0.00	22.87 0.90 0.00	21.14 0.70 0.00	19.31 0.76 0.00	20.28 0.70 0.00	24.40 0.69 0.00	26.12 0.93 0.00	26.84 1.22 0.00	25.27 1.17 0.00	25.05 1.31 0.00	27.24 1.70 0.00	30.85 2.22 0.00	30.46 2.37 -1.28	32.12 2.60 -1.48	29.27 2.32 0.00	32.62 2.65 0.00	36.75 2.93 0.00	42.50 3.20 0.00	43.97 3.44 0.00	45.81 2.93 0.00	43.05 2.57 0.00	43.04 2.78 0.00	34.83 2.22 0.00	29.99 1.88 0.00
GLENWOOD___4 23550	22.46 1.06 0.00	22.92 0.94 0.00	21.18 0.74 0.00	19.35 0.80 0.00	20.32 0.74 0.00	24.45 0.74 0.00	26.17 0.98 0.00	26.91 1.28 0.00	25.34 1.23 0.00	25.11 1.37 0.00	27.32 1.78 0.00	30.95 2.32 0.00	30.57 2.48 -1.28	32.25 2.72 -1.48	29.39 2.44 0.00	32.75 2.78 0.00	36.80 2.98 0.00	42.55 3.25 0.00	44.01 3.49 0.00	45.83 2.95 0.00	43.06 2.58 0.00	43.14 2.89 0.00	34.93 2.33 0.00	30.06 1.96 0.00
GLENWOOD___5 23614	22.46 1.06 0.00	22.92 0.94 0.00	21.18 0.74 0.00	19.35 0.80 0.00	20.32 0.74 0.00	24.45 0.74 0.00	26.17 0.98 0.00	26.91 1.28 0.00	25.34 1.23 0.00	25.11 1.37 0.00	27.32 1.78 0.00	30.95 2.32 0.00	30.57 2.48 -1.28	32.25 2.72 -1.48	29.39 2.44 0.00	32.75 2.78 0.00	36.80 2.98 0.00	42.55 3.25 0.00	44.01 3.49 0.00	45.83 2.95 0.00	43.06 2.58 0.00	43.14 2.89 0.00	34.93 2.33 0.00	30.06 1.96 0.00
GLOBAL GREEN_PORT_GT1 23814	22.61 1.21 0.00	23.05 1.07 0.00	21.33 0.89 0.00	19.63 1.07 0.00	20.54 0.96 0.00	24.80 1.08 0.00	26.64 1.45 0.00	27.46 1.84 0.00	25.96 1.85 0.00	25.75 2.01 0.00	28.02 2.48 0.00	31.85 3.23 0.00	31.56 3.47 -1.28	33.36 3.84 -1.48	30.33 3.38 0.00	33.75 3.78 0.00	38.34 4.52 0.00	44.23 4.92 0.00	45.76 5.24 0.00	47.36 4.48 0.00	44.36 3.89 0.00	44.31 4.06 0.00	35.71 3.11 0.00	30.75 2.64 0.00
GLOBE___DSASP 323697	19.86 -1.54 0.00	20.69 -1.29 0.00	19.15 -1.29 0.00	17.23 -1.32 0.00	18.33 -1.25 0.00	22.69 -1.03 0.00	24.18 -1.01 0.00	24.75 -0.88 0.00	23.47 -0.64 0.00	23.18 -0.56 0.00	25.16 -0.37 0.00	28.93 0.36 0.06	26.85 0.23 0.19	28.00 -0.01 0.03	26.08 -0.69 0.18	29.02 -0.52 0.42	32.35 -0.85 0.62	37.78 -0.55 0.97	38.87 -0.81 0.85	40.86 -1.26 0.75	38.94 -1.54 0.00	38.78 -1.48 0.00	31.71 -0.89 0.00	27.33 -0.78 0.00
GOETHSLN___LBMP 323567	22.28 0.88 0.00	22.68 0.71 0.00	21.06 0.61 0.00	19.14 0.59 0.00	20.13 0.55 0.00	24.31 0.60 0.00	26.05 0.85 0.00	26.71 1.09 0.00	25.24 1.13 0.00	25.00 1.26 0.00	27.01 1.48 0.00	30.51 1.88 0.00	28.78 1.97 0.00	30.23 2.18 0.00	28.94 1.99 0.00	32.27 2.30 0.00	36.33 2.51 0.00	42.05 2.75 0.00	43.33 2.81 0.00	45.25 2.37 0.00	42.62 2.15 0.00	42.45 2.20 0.00	34.46 1.86 0.00	29.63 1.52 0.00
GOLAH___69_KV_TB 1_2 80279	21.08 -0.32 0.00	21.80 -0.18 0.00	20.19 -0.25 0.00	18.22 -0.33 0.00	19.34 -0.24 0.00	23.73 0.02 0.00	25.21 0.02 0.00	25.77 0.15 0.00	24.33 0.21 0.00	24.00 0.26 0.00	25.97 0.44 0.00	29.65 1.05 0.03	27.76 1.03 0.08	28.98 0.94 0.01	27.27 0.40 0.08	30.40 0.61 0.18	34.12 0.56 0.26	39.95 1.06 0.41	41.21 1.05 0.36	43.40 0.84 0.32	40.98 0.50 0.00	40.71 0.45 0.00	33.03 0.42 0.00	28.35 0.24 0.00

GOODYEAR_LAKE_HYD 323669	22.06 0.65 0.00	22.59 0.62 0.00	20.99 0.55 0.00	19.04 0.49 0.00	20.10 0.52 0.00	24.39 0.68 0.00	26.02 0.82 0.00	26.55 0.92 0.00	25.04 0.93 0.00	24.68 0.94 0.00	26.62 1.09 0.00	29.99 1.36 0.00	28.17 1.36 0.00	29.46 1.41 0.00	28.25 1.30 0.00	31.45 1.48 0.00	35.42 1.60 0.00	41.24 1.94 0.00	42.59 2.06 0.00	44.91 2.03 0.00	42.24 1.77 0.00	42.00 1.75 0.00	33.97 1.37 0.00	29.20 1.09 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.38 -0.02 0.00	21.97 0.00 0.00	20.41 -0.03 0.00	18.49 -0.06 0.00	19.58 0.00 0.00	23.80 0.09 0.00	25.30 0.11 0.00	25.87 0.25 0.00	24.43 0.32 0.00	24.09 0.35 0.00	25.93 0.40 0.00	29.38 0.72 -0.03	27.57 0.68 -0.09	28.76 0.70 -0.01	27.57 0.54 -0.08	30.83 0.67 -0.19	34.73 0.63 -0.28	40.61 0.87 -0.44	41.82 0.91 -0.38	44.02 0.79 -0.34	41.00 0.53 0.00	40.84 0.59 0.00	33.05 0.45 0.00	28.41 0.30 0.00
GOUDEY___7 23579	21.39 -0.01 0.00	21.98 0.01 0.00	20.42 -0.02 0.00	18.51 -0.05 0.00	19.60 0.02 0.00	23.82 0.11 0.00	25.33 0.14 0.00	25.89 0.27 0.00	24.45 0.34 0.00	24.12 0.38 0.00	25.96 0.42 0.00	29.41 0.75 -0.03	27.60 0.70 -0.09	28.79 0.73 -0.01	27.60 0.57 -0.08	30.86 0.70 -0.19	34.77 0.67 -0.28	40.65 0.91 -0.44	41.87 0.95 -0.38	44.06 0.84 -0.34	41.05 0.57 0.00	40.88 0.63 0.00	33.08 0.48 0.00	28.44 0.33 0.00
GOUDEY___8 23580	21.38 -0.02 0.00	21.97 0.00 0.00	20.41 -0.03 0.00	18.49 -0.06 0.00	19.58 0.00 0.00	23.80 0.09 0.00	25.30 0.11 0.00	25.87 0.25 0.00	24.43 0.32 0.00	24.09 0.35 0.00	25.93 0.40 0.00	29.38 0.72 -0.03	27.57 0.68 -0.09	28.76 0.70 -0.01	27.57 0.54 -0.08	30.83 0.67 -0.19	34.73 0.63 -0.28	40.61 0.87 -0.44	41.82 0.91 -0.38	44.02 0.79 -0.34	41.00 0.53 0.00	40.84 0.59 0.00	33.05 0.45 0.00	28.41 0.30 0.00
GOWANUS_GT1_1 24077	22.45 1.05 0.00	22.87 0.89 0.00	21.22 0.78 0.00	19.30 0.74 0.00	20.28 0.70 0.00	24.50 0.79 0.00	26.26 1.07 0.00	26.92 1.29 0.00	25.44 1.33 0.00	25.19 1.45 0.00	27.21 1.68 0.00	30.73 2.10 0.00	28.99 2.18 0.00	30.45 2.40 0.00	29.14 2.19 0.00	32.47 2.51 0.00	36.59 2.77 0.00	42.29 2.98 0.00	43.59 3.06 0.00	45.64 2.76 0.00	42.97 2.49 0.00	42.91 2.66 0.00	34.84 2.24 0.00	29.89 1.78 0.00
GOWANUS_GT1_2 24078	22.45 1.05 0.00	22.87 0.89 0.00	21.22 0.78 0.00	19.30 0.74 0.00	20.28 0.70 0.00	24.50 0.79 0.00	26.26 1.07 0.00	26.92 1.29 0.00	25.44 1.33 0.00	25.19 1.45 0.00	27.21 1.68 0.00	30.73 2.10 0.00	28.99 2.18 0.00	30.45 2.40 0.00	29.14 2.19 0.00	32.47 2.51 0.00	36.59 2.77 0.00	42.29 2.98 0.00	43.59 3.06 0.00	45.64 2.76 0.00	42.97 2.49 0.00	42.91 2.66 0.00	34.84 2.24 0.00	29.89 1.78 0.00
GOWANUS_GT1_3 24079	22.45 1.05 0.00	22.87 0.89 0.00	21.22 0.78 0.00	19.30 0.74 0.00	20.28 0.70 0.00	24.50 0.79 0.00	26.26 1.07 0.00	26.92 1.29 0.00	25.44 1.33 0.00	25.19 1.45 0.00	27.21 1.68 0.00	30.73 2.10 0.00	28.99 2.18 0.00	30.45 2.40 0.00	29.14 2.19 0.00	32.47 2.51 0.00	36.59 2.77 0.00	42.29 2.98 0.00	43.59 3.06 0.00	45.64 2.76 0.00	42.97 2.49 0.00	42.91 2.66 0.00	34.84 2.24 0.00	29.89 1.78 0.00
GOWANUS_GT1_4 24080	22.45 1.05 0.00	22.87 0.89 0.00	21.22 0.78 0.00	19.30 0.74 0.00	20.28 0.70 0.00	24.50 0.79 0.00	26.26 1.07 0.00	26.92 1.29 0.00	25.44 1.33 0.00	25.19 1.45 0.00	27.21 1.68 0.00	30.73 2.10 0.00	28.99 2.18 0.00	30.45 2.40 0.00	29.14 2.19 0.00	32.47 2.51 0.00	36.59 2.77 0.00	42.29 2.98 0.00	43.59 3.06 0.00	45.64 2.76 0.00	42.97 2.49 0.00	42.91 2.66 0.00	34.84 2.24 0.00	29.89 1.78 0.00
GOWANUS_GT1_5 24084	22.45 1.05 0.00	22.87 0.89 0.00	21.22 0.78 0.00	19.30 0.74 0.00	20.28 0.70 0.00	24.50 0.79 0.00	26.26 1.07 0.00	26.92 1.29 0.00	25.44 1.33 0.00	25.19 1.45 0.00	27.21 1.68 0.00	30.73 2.10 0.00	28.99 2.18 0.00	30.45 2.40 0.00	29.14 2.19 0.00	32.47 2.51 0.00	36.59 2.77 0.00	42.29 2.98 0.00	43.59 3.06 0.00	45.64 2.76 0.00	42.97 2.49 0.00	42.91 2.66 0.00	34.84 2.24 0.00	29.89 1.78 0.00
GOWANUS_GT1_6 24111	22.45 1.05 0.00	22.87 0.89 0.00	21.22 0.78 0.00	19.30 0.74 0.00	20.28 0.70 0.00	24.50 0.79 0.00	26.26 1.07 0.00	26.92 1.29 0.00	25.44 1.33 0.00	25.19 1.45 0.00	27.21 1.68 0.00	30.73 2.10 0.00	28.99 2.18 0.00	30.45 2.40 0.00	29.14 2.19 0.00	32.47 2.51 0.00	36.59 2.77 0.00	42.29 2.98 0.00	43.59 3.06 0.00	45.64 2.76 0.00	42.97 2.49 0.00	42.91 2.66 0.00	34.84 2.24 0.00	29.89 1.78 0.00
GOWANUS_GT1_7 24112	22.45 1.05 0.00	22.87 0.89 0.00	21.22 0.78 0.00	19.30 0.74 0.00	20.28 0.70 0.00	24.50 0.79 0.00	26.26 1.07 0.00	26.92 1.29 0.00	25.44 1.33 0.00	25.19 1.45 0.00	27.21 1.68 0.00	30.73 2.10 0.00	28.99 2.18 0.00	30.45 2.40 0.00	29.14 2.19 0.00	32.47 2.51 0.00	36.59 2.77 0.00	42.29 2.98 0.00	43.59 3.06 0.00	45.64 2.76 0.00	42.97 2.49 0.00	42.91 2.66 0.00	34.84 2.24 0.00	29.89 1.78 0.00
GOWANUS_GT1_8 24113	22.45 1.05 0.00	22.87 0.89 0.00	21.22 0.78 0.00	19.30 0.74 0.00	20.28 0.70 0.00	24.50 0.79 0.00	26.26 1.07 0.00	26.92 1.29 0.00	25.44 1.33 0.00	25.19 1.45 0.00	27.21 1.68 0.00	30.73 2.10 0.00	28.99 2.18 0.00	30.45 2.40 0.00	29.14 2.19 0.00	32.47 2.51 0.00	36.59 2.77 0.00	42.29 2.98 0.00	43.59 3.06 0.00	45.64 2.76 0.00	42.97 2.49 0.00	42.91 2.66 0.00	34.84 2.24 0.00	29.89 1.78 0.00
GOWANUS_GT2_1 24114	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00
GOWANUS_GT2_2 24115	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00
GOWANUS_GT2_3 24116	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00

GOWANUS_GT2_4 24117	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00
GOWANUS_GT2_5 24118	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00
GOWANUS_GT2_6 24119	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00
GOWANUS_GT2_7 24120	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00
GOWANUS_GT2_8 24121	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00
GOWANUS_GT3_1 24122	22.46 1.05 0.00	22.87 0.89 0.00	21.22 0.78 0.00	19.30 0.74 0.00	20.28 0.69 0.00	24.50 0.79 0.00	26.26 1.07 0.00	26.92 1.29 0.00	25.44 1.33 -0.01	25.19 1.45 0.00	27.21 1.67 0.00	30.73 2.10 0.00	28.99 2.18 0.00	30.45 2.40 0.00	29.14 2.18 0.00	32.47 2.50 0.00	36.59 2.77 0.00	42.28 2.98 0.00	43.58 3.06 0.00	45.64 2.76 0.00	42.97 2.49 0.00	42.92 2.66 0.00	34.85 2.24 0.00	29.89 1.78 0.00
GOWANUS_GT3_2 24123	22.46 1.05 0.00	22.87 0.89 0.00	21.22 0.78 0.00	19.30 0.74 0.00	20.28 0.69 0.00	24.50 0.79 0.00	26.26 1.07 0.00	26.92 1.29 0.00	25.44 1.33 -0.01	25.19 1.45 0.00	27.21 1.67 0.00	30.73 2.10 0.00	28.99 2.18 0.00	30.45 2.40 0.00	29.14 2.18 0.00	32.47 2.50 0.00	36.59 2.77 0.00	42.28 2.98 0.00	43.58 3.06 0.00	45.64 2.76 0.00	42.97 2.49 0.00	42.92 2.66 0.00	34.85 2.24 0.00	29.89 1.78 0.00
GOWANUS_GT3_3 24124	22.46 1.05 0.00	22.87 0.89 0.00	21.22 0.78 0.00	19.30 0.74 0.00	20.28 0.69 0.00	24.50 0.79 0.00	26.26 1.07 0.00	26.92 1.29 0.00	25.44 1.33 -0.01	25.19 1.45 0.00	27.21 1.67 0.00	30.73 2.10 0.00	28.99 2.18 0.00	30.45 2.40 0.00	29.14 2.18 0.00	32.47 2.50 0.00	36.59 2.77 0.00	42.28 2.98 0.00	43.58 3.06 0.00	45.64 2.76 0.00	42.97 2.49 0.00	42.92 2.66 0.00	34.85 2.24 0.00	29.89 1.78 0.00
GOWANUS_GT3_4 24125	22.46 1.05 0.00	22.87 0.89 0.00	21.22 0.78 0.00	19.30 0.74 0.00	20.28 0.69 0.00	24.50 0.79 0.00	26.26 1.07 0.00	26.92 1.29 0.00	25.44 1.33 -0.01	25.19 1.45 0.00	27.21 1.67 0.00	30.73 2.10 0.00	28.99 2.18 0.00	30.45 2.40 0.00	29.14 2.18 0.00	32.47 2.50 0.00	36.59 2.77 0.00	42.28 2.98 0.00	43.58 3.06 0.00	45.64 2.76 0.00	42.97 2.49 0.00	42.92 2.66 0.00	34.85 2.24 0.00	29.89 1.78 0.00
GOWANUS_GT3_5 24126	22.46 1.05 0.00	22.87 0.89 0.00	21.22 0.78 0.00	19.30 0.74 0.00	20.28 0.69 0.00	24.50 0.79 0.00	26.26 1.07 0.00	26.92 1.29 0.00	25.44 1.33 -0.01	25.19 1.45 0.00	27.21 1.67 0.00	30.73 2.10 0.00	28.99 2.18 0.00	30.45 2.40 0.00	29.14 2.18 0.00	32.47 2.50 0.00	36.59 2.77 0.00	42.28 2.98 0.00	43.58 3.06 0.00	45.64 2.76 0.00	42.97 2.49 0.00	42.92 2.66 0.00	34.85 2.24 0.00	29.89 1.78 0.00
GOWANUS_GT3_6 24127	22.46 1.05 0.00	22.87 0.89 0.00	21.22 0.78 0.00	19.30 0.74 0.00	20.28 0.69 0.00	24.50 0.79 0.00	26.26 1.07 0.00	26.92 1.29 0.00	25.44 1.33 -0.01	25.19 1.45 0.00	27.21 1.67 0.00	30.73 2.10 0.00	28.99 2.18 0.00	30.45 2.40 0.00	29.14 2.18 0.00	32.47 2.50 0.00	36.59 2.77 0.00	42.28 2.98 0.00	43.58 3.06 0.00	45.64 2.76 0.00	42.97 2.49 0.00	42.92 2.66 0.00	34.85 2.24 0.00	29.89 1.78 0.00
GOWANUS_GT3_7 24128	22.46 1.05 0.00	22.87 0.89 0.00	21.22 0.78 0.00	19.30 0.74 0.00	20.28 0.69 0.00	24.50 0.79 0.00	26.26 1.07 0.00	26.92 1.29 0.00	25.44 1.33 -0.01	25.19 1.45 0.00	27.21 1.67 0.00	30.73 2.10 0.00	28.99 2.18 0.00	30.45 2.40 0.00	29.14 2.18 0.00	32.47 2.50 0.00	36.59 2.77 0.00	42.28 2.98 0.00	43.58 3.06 0.00	45.64 2.76 0.00	42.97 2.49 0.00	42.92 2.66 0.00	34.85 2.24 0.00	29.89 1.78 0.00
GOWANUS_GT3_8 24129	22.46 1.05 0.00	22.87 0.89 0.00	21.22 0.78 0.00	19.30 0.74 0.00	20.28 0.69 0.00	24.50 0.79 0.00	26.26 1.07 0.00	26.92 1.29 0.00	25.44 1.33 -0.01	25.19 1.45 0.00	27.21 1.67 0.00	30.73 2.10 0.00	28.99 2.18 0.00	30.45 2.40 0.00	29.14 2.18 0.00	32.47 2.50 0.00	36.59 2.77 0.00	42.28 2.98 0.00	43.58 3.06 0.00	45.64 2.76 0.00	42.97 2.49 0.00	42.92 2.66 0.00	34.85 2.24 0.00	29.89 1.78 0.00
GOWANUS_GT4_1 24130	22.46 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.31 0.00	25.45 1.34 0.00	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.20 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.31 3.01 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.91 1.80 0.00
GOWANUS_GT4_2 24131	22.46 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.31 0.00	25.45 1.34 0.00	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.20 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.31 3.01 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.91 1.80 0.00

GOWANUS_GT4_3 24132	22.46 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.31 0.00	25.45 1.34 0.00	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.20 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.31 3.01 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.91 1.80 0.00
GOWANUS_GT4_4 24133	22.46 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.31 0.00	25.45 1.34 0.00	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.20 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.31 3.01 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.91 1.80 0.00
GOWANUS_GT4_5 24134	22.46 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.31 0.00	25.45 1.34 0.00	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.20 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.31 3.01 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.91 1.80 0.00
GOWANUS_GT4_6 24135	22.46 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.31 0.00	25.45 1.34 0.00	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.20 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.31 3.01 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.91 1.80 0.00
GOWANUS_GT4_7 24136	22.46 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.31 0.00	25.45 1.34 0.00	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.20 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.31 3.01 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.91 1.80 0.00
GOWANUS_GT4_8 24137	22.46 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.31 0.00	25.45 1.34 0.00	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.20 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.31 3.01 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.91 1.80 0.00
GREENBSH_115KV_TB3 55895	21.58 0.18 0.00	22.15 0.17 0.00	20.77 0.32 0.00	18.88 0.33 0.00	19.91 0.33 0.00	23.98 0.27 0.00	25.50 0.31 0.00	26.02 0.40 0.00	24.27 0.16 0.00	23.88 0.14 0.00	25.58 0.05 0.00	28.68 0.05 0.00	26.92 0.11 0.00	28.24 0.19 0.00	27.11 0.16 0.00	30.15 0.18 0.00	34.15 0.33 0.00	39.57 0.26 0.00	41.03 0.50 0.00	43.30 0.42 0.00	41.08 0.60 0.00	40.84 0.59 0.00	33.05 0.45 0.00	28.49 0.37 0.00
GREENIDGE_115KV_TB5 80291	21.28 -0.13 0.00	21.92 -0.05 0.00	20.33 -0.11 0.00	18.38 -0.17 0.00	19.50 -0.08 0.00	23.84 0.13 0.00	25.39 0.20 0.00	25.86 0.23 0.00	24.44 0.33 0.00	24.02 0.28 0.00	25.90 0.37 0.00	29.47 0.81 -0.04	27.63 0.71 -0.11	28.69 0.62 -0.02	27.36 0.30 -0.10	30.65 0.45 -0.23	34.32 0.16 -0.34	40.42 0.58 -0.54	41.77 0.77 -0.47	43.99 0.69 -0.42	40.80 0.32 0.00	40.63 0.37 0.00	33.10 0.50 0.00	28.37 0.26 0.00
GREENIDGE___3 23582	21.28 -0.13 0.00	21.92 -0.05 0.00	20.33 -0.11 0.00	18.38 -0.17 0.00	19.50 -0.08 0.00	23.84 0.13 0.00	25.39 0.20 0.00	25.86 0.23 0.00	24.44 0.33 0.00	24.02 0.28 0.00	25.90 0.37 0.00	29.47 0.81 -0.04	27.63 0.71 -0.11	28.69 0.62 -0.02	27.36 0.30 -0.10	30.65 0.45 -0.23	34.32 0.16 -0.34	40.42 0.58 -0.54	41.77 0.77 -0.47	43.99 0.69 -0.42	40.80 0.32 0.00	40.63 0.37 0.00	33.10 0.50 0.00	28.37 0.26 0.00
GREENIDGE___4 23583	21.28 -0.13 0.00	21.93 -0.05 0.00	20.33 -0.11 0.00	18.38 -0.17 0.00	19.50 -0.08 0.00	23.85 0.14 0.00	25.40 0.20 0.00	25.86 0.23 0.00	24.44 0.33 0.00	24.02 0.28 0.00	25.90 0.37 0.00	29.47 0.80 -0.04	27.63 0.71 -0.11	28.69 0.63 -0.02	27.36 0.30 -0.10	30.65 0.45 -0.23	34.33 0.16 -0.34	40.43 0.59 -0.54	41.77 0.78 -0.47	43.99 0.69 -0.42	40.80 0.32 0.00	40.62 0.37 0.00	33.10 0.50 0.00	28.37 0.26 0.00
GREENLWN_69_KV_BK 3 55738	22.33 0.92 0.00	22.82 0.84 0.00	21.05 0.61 0.00	19.30 0.75 0.00	20.23 0.65 0.00	24.24 0.53 0.00	25.96 0.76 0.00	26.67 1.04 0.00	25.04 0.93 0.00	24.82 1.09 0.00	27.14 1.61 0.00	30.76 2.13 0.00	30.40 2.31 -1.28	31.96 2.44 -1.48	29.02 2.07 0.00	32.32 2.36 0.00	36.49 2.67 0.00	42.13 2.83 0.00	43.65 3.13 0.00	45.42 2.54 0.00	42.65 2.18 0.00	42.57 2.31 0.00	34.44 1.84 0.00	29.82 1.71 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.46 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.31 0.00	25.45 1.34 0.00	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.20 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.31 3.01 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.91 1.80 0.00
GRISSOM___SOLAR 323813	23.34 1.94 0.00	23.90 1.93 0.00	22.15 1.71 0.00	20.12 1.57 0.00	21.30 1.72 0.00	25.82 2.11 0.00	27.43 2.24 0.00	26.81 1.19 0.00	23.95 -0.16 0.00	22.98 -0.76 0.00	24.59 -0.95 0.00	27.67 -0.96 0.00	26.80 -0.01 0.00	27.69 -0.36 0.00	26.89 -0.07 0.00	30.05 0.08 0.00	34.56 0.73 0.00	42.90 3.59 0.00	44.80 4.28 0.00	48.24 5.36 0.00	45.61 5.13 0.00	45.29 5.04 0.00	36.34 3.74 0.00	31.09 2.98 0.00
GROVEVILLE___HYD 323602	22.33 0.93 0.00	22.78 0.80 0.00	21.15 0.71 0.00	19.22 0.67 0.00	20.25 0.66 0.00	24.45 0.74 0.00	26.16 0.97 0.00	26.80 1.18 0.00	25.27 1.16 0.00	24.98 1.24 0.00	26.96 1.43 0.00	30.41 1.78 0.00	28.63 1.82 0.00	30.09 2.05 0.00	28.86 1.90 0.00	32.20 2.24 0.00	36.40 2.58 0.00	42.23 2.93 0.00	43.60 3.08 0.00	45.67 2.80 0.00	43.04 2.56 0.00	42.78 2.53 0.00	34.59 1.99 0.00	29.72 1.61 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.36 -0.04 0.00	21.96 -0.02 0.00	20.39 -0.05 0.00	18.51 -0.04 0.00	19.57 -0.01 0.00	23.70 -0.01 0.00	25.15 -0.04 0.00	25.61 -0.02 0.00	24.12 0.00 0.00	23.78 0.04 0.00	25.58 0.04 0.00	28.84 0.21 0.00	27.06 0.25 0.00	28.33 0.28 0.00	27.11 0.16 0.00	30.22 0.25 0.00	34.10 0.28 0.00	39.74 0.43 0.00	41.06 0.53 0.00	43.32 0.44 0.00	40.80 0.33 0.00	40.50 0.24 0.00	32.72 0.12 0.00	28.16 0.05 0.00

HAMLTNNY_34_KV_TB 80303	21.33 -0.07 0.00	21.92 -0.06 0.00	20.38 -0.06 0.00	18.49 -0.06 0.00	19.54 -0.04 0.00	23.68 -0.03 0.00	25.17 -0.03 0.00	25.63 0.00 0.00	24.16 0.05 0.00	23.80 0.06 0.00	25.59 0.06 0.00	28.84 0.21 0.00	27.08 0.27 0.00	28.30 0.25 0.00	27.07 0.12 0.00	30.17 0.21 0.00	34.07 0.24 0.00	39.73 0.43 0.00	41.08 0.55 0.00	43.32 0.44 0.00	40.78 0.31 0.00	40.46 0.21 0.00	32.70 0.09 0.00	28.12 0.01 0.00
HAMPSHIRE___PAPER_HYD 323593	21.01 -0.39 0.00	21.59 -0.38 0.00	19.98 -0.47 0.00	18.18 -0.37 0.00	19.19 -0.39 0.00	23.25 -0.46 0.00	24.81 -0.39 0.00	24.85 -0.77 0.00	23.30 -0.81 0.00	22.84 -0.90 0.00	24.43 -1.10 0.00	27.28 -1.35 0.00	25.39 -1.42 0.00	26.42 -1.62 0.00	25.50 -1.46 0.00	28.40 -1.57 0.00	32.21 -1.61 0.00	37.74 -1.57 0.00	39.21 -1.31 0.00	41.83 -1.05 0.00	39.45 -1.03 0.00	38.98 -1.27 0.00	31.51 -1.10 0.00	27.23 -0.89 0.00
HARDSCRABBLE_WT_PWR 323673	21.20 -0.20 0.00	21.75 -0.23 0.00	20.30 -0.15 0.00	18.46 -0.09 0.00	19.48 -0.11 0.00	23.46 -0.25 0.00	24.90 -0.30 0.00	25.30 -0.32 0.00	23.55 -0.56 0.00	23.14 -0.60 0.00	24.82 -0.71 0.00	27.91 -0.72 0.00	26.28 -0.53 0.00	27.60 -0.45 0.00	26.50 -0.45 0.00	29.59 -0.38 0.00	33.43 -0.39 0.00	39.07 -0.23 0.00	40.65 0.13 0.00	43.00 0.12 0.00	40.70 0.23 0.00	40.55 0.30 0.00	32.76 0.15 0.00	28.14 0.03 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.18 0.78 0.00	22.62 0.65 0.00	21.00 0.56 0.00	19.08 0.52 0.00	20.08 0.50 0.00	24.28 0.57 0.00	25.99 0.79 0.00	26.62 1.00 0.00	25.12 1.01 0.00	24.86 1.12 0.00	26.85 1.32 0.00	30.32 1.69 0.00	28.56 1.76 0.00	30.01 1.97 0.00	28.77 1.82 0.00	32.11 2.14 0.00	36.25 2.43 0.00	42.06 2.75 0.00	43.42 2.89 0.00	45.42 2.55 0.00	42.76 2.28 0.00	42.50 2.24 0.00	34.36 1.77 0.00	29.54 1.42 0.00
HARSNRAD_115KV_TB1 81005	20.41 -0.99 0.00	21.23 -0.75 0.00	19.64 -0.80 0.00	17.67 -0.88 0.00	18.81 -0.78 0.00	23.22 -0.49 0.00	24.69 -0.51 0.00	25.27 -0.35 0.00	23.96 -0.14 0.00	23.66 -0.08 0.00	25.74 0.21 0.00	29.38 0.88 0.13	27.16 0.74 0.39	28.43 0.45 0.06	26.35 -0.24 0.36	29.10 -0.01 0.85	32.29 -0.28 1.25	37.48 0.14 1.96	38.75 -0.06 1.72	40.91 -0.43 1.53	39.70 -0.77 0.00	39.54 -0.72 0.00	32.28 -0.33 0.00	27.79 -0.32 0.00
HARZA MOOSE___RIVER 24016	21.59 0.19 0.00	22.15 0.18 0.00	20.59 0.14 0.00	18.68 0.13 0.00	19.74 0.16 0.00	23.92 0.21 0.00	25.46 0.26 0.00	25.70 0.08 0.00	24.16 0.05 0.00	23.79 0.05 0.00	25.41 -0.12 0.00	28.48 -0.15 0.00	26.64 -0.17 0.00	27.85 -0.19 0.00	26.80 -0.15 0.00	29.87 -0.09 0.00	33.86 0.04 0.00	39.56 0.25 0.00	41.03 0.50 0.00	43.52 0.64 0.00	41.02 0.54 0.00	40.49 0.24 0.00	32.68 0.08 0.00	28.21 0.10 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	21.17 -0.23 0.00	21.76 -0.22 0.00	20.22 -0.23 0.00	18.34 -0.22 0.00	19.39 -0.20 0.00	23.49 -0.21 0.00	24.93 -0.27 0.00	25.40 -0.22 0.00	23.92 -0.19 0.00	23.58 -0.16 0.00	25.37 -0.16 0.00	28.61 -0.02 0.00	26.84 0.03 0.00	28.10 0.05 0.00	26.89 -0.06 0.00	29.96 -0.01 0.00	33.80 -0.02 0.00	39.35 0.05 0.00	40.64 0.11 0.00	42.85 -0.03 0.00	40.36 -0.12 0.00	40.08 -0.17 0.00	32.42 -0.18 0.00	27.91 -0.20 0.00
HELLGATE_13_KV_LD 55870	22.40 0.99 0.00	22.80 0.82 0.00	21.16 0.72 0.00	19.26 0.70 0.00	20.23 0.64 0.00	24.43 0.72 0.00	26.20 1.00 0.00	26.88 1.26 0.00	25.41 1.29 0.00	25.15 1.41 0.00	27.17 1.64 0.00	30.69 2.06 0.00	28.94 2.13 0.00	30.39 2.34 0.00	29.10 2.15 0.00	32.41 2.44 0.00	36.53 2.70 0.00	42.23 2.92 0.00	43.52 2.99 0.00	45.51 2.63 0.00	42.86 2.38 0.00	42.75 2.50 0.00	34.69 2.09 0.00	29.79 1.68 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.40 0.99 0.00	22.80 0.82 0.00	21.16 0.72 0.00	19.26 0.70 0.00	20.23 0.64 0.00	24.43 0.72 0.00	26.20 1.00 0.00	26.88 1.26 0.00	25.41 1.29 0.00	25.15 1.41 0.00	27.17 1.64 0.00	30.69 2.06 0.00	28.94 2.13 0.00	30.39 2.34 0.00	29.10 2.15 0.00	32.41 2.44 0.00	36.53 2.70 0.00	42.23 2.92 0.00	43.52 2.99 0.00	45.51 2.63 0.00	42.86 2.38 0.00	42.75 2.50 0.00	34.69 2.09 0.00	29.79 1.68 0.00
HEMPSTEAD____ 23647	22.36 0.95 0.00	22.81 0.83 0.00	21.07 0.63 0.00	19.26 0.71 0.00	20.22 0.64 0.00	24.32 0.61 0.00	26.04 0.84 0.00	26.77 1.14 0.00	25.20 1.09 0.00	24.96 1.22 0.00	27.16 1.63 0.00	30.77 2.14 0.00	30.40 2.31 -1.28	32.06 2.54 -1.48	29.20 2.24 0.00	32.51 2.55 0.00	36.66 2.84 0.00	42.38 3.08 0.00	43.86 3.33 0.00	45.68 2.80 0.00	42.92 2.44 0.00	42.93 2.67 0.00	34.73 2.13 0.00	29.91 1.79 0.00
HEWLETT_69_KV_BK3 55828	22.55 1.15 0.00	23.00 1.03 0.00	21.26 0.81 0.00	19.41 0.86 0.00	20.39 0.81 0.00	24.54 0.83 0.00	26.23 1.04 0.00	26.93 1.31 0.00	25.35 1.24 0.00	25.14 1.40 0.00	27.37 1.84 0.00	31.00 2.37 0.00	30.60 2.51 -1.28	32.28 2.75 -1.48	29.42 2.46 0.00	32.80 2.83 0.00	37.02 3.19 0.00	42.85 3.55 0.00	44.32 3.79 0.00	46.19 3.32 0.00	43.42 2.95 0.00	43.34 3.09 0.00	35.09 2.49 0.00	30.19 2.08 0.00
HICKLING___1 23621	21.22 -0.18 0.00	21.87 -0.11 0.00	20.27 -0.18 0.00	18.32 -0.23 0.00	19.46 -0.12 0.00	23.78 0.07 0.00	25.30 0.11 0.00	25.58 -0.05 0.00	24.38 0.27 0.00	24.08 0.34 0.00	25.97 0.43 0.00	29.87 1.17 -0.07	28.00 0.99 -0.20	28.96 0.88 -0.03	27.69 0.55 -0.19	31.17 0.75 -0.45	34.84 0.36 -0.66	41.29 0.95 -1.04	42.23 0.79 -0.91	44.31 0.63 -0.81	40.39 -0.09 0.00	40.51 0.26 0.00	32.79 0.18 0.00	28.06 -0.05 0.00
HICKLING___2 23622	21.22 -0.18 0.00	21.87 -0.11 0.00	20.27 -0.18 0.00	18.32 -0.23 0.00	19.46 -0.12 0.00	23.78 0.07 0.00	25.30 0.11 0.00	25.58 -0.05 0.00	24.38 0.27 0.00	24.08 0.34 0.00	25.97 0.43 0.00	29.87 1.17 -0.07	28.00 0.99 -0.20	28.96 0.88 -0.03	27.69 0.55 -0.19	31.17 0.75 -0.45	34.84 0.36 -0.66	41.29 0.95 -1.04	42.23 0.79 -0.91	44.31 0.63 -0.81	40.39 -0.09 0.00	40.51 0.26 0.00	32.79 0.18 0.00	28.06 -0.05 0.00
HIGH FALLS___HY 23754	22.19 0.79 0.00	22.60 0.62 0.00	20.94 0.49 0.00	19.02 0.47 0.00	20.02 0.44 0.00	24.21 0.49 0.00	25.92 0.73 0.00	26.61 0.98 0.00	25.16 1.05 0.00	24.88 1.15 0.00	26.86 1.32 0.00	30.28 1.65 0.00	28.51 1.70 0.00	29.95 1.90 0.00	28.76 1.81 0.00	32.24 2.27 0.00	36.45 2.63 0.00	42.25 2.95 0.00	43.60 3.08 0.00	45.61 2.73 0.00	42.89 2.42 0.00	42.63 2.38 0.00	34.45 1.85 0.00	29.57 1.46 0.00
HIGH_RIVER___SOLAR 323847	22.07 0.66 0.00	22.62 0.64 0.00	21.06 0.61 0.00	19.12 0.57 0.00	20.17 0.59 0.00	24.40 0.69 0.00	25.98 0.78 0.00	26.30 0.68 0.00	24.42 0.31 0.00	23.80 0.06 0.00	25.60 0.07 0.00	28.76 0.13 0.00	27.03 0.22 0.00	28.34 0.29 0.00	27.22 0.26 0.00	30.42 0.45 0.00	34.42 0.60 0.00	40.34 1.04 0.00	41.99 1.47 0.00	44.59 1.71 0.00	42.25 1.77 0.00	42.00 1.75 0.00	33.96 1.36 0.00	29.21 1.10 0.00

HILLBURN___GT 23639	22.15 0.75 0.00	22.57 0.60 0.00	20.95 0.50 0.00	19.03 0.48 0.00	20.03 0.45 0.00	24.22 0.51 0.00	25.94 0.74 0.00	26.59 0.97 0.00	25.09 0.98 0.00	24.85 1.11 0.00	26.85 1.31 0.00	30.33 1.70 0.00	28.60 1.79 0.00	30.04 2.00 0.00	28.77 1.82 0.00	32.10 2.14 0.00	36.18 2.36 0.00	41.93 2.63 0.00	43.26 2.74 0.00	45.23 2.35 0.00	42.58 2.11 0.00	42.34 2.09 0.00	34.26 1.66 0.00	29.47 1.36 0.00
HILLSIDE_115KV_TB1 80332	20.98 -0.42 0.00	21.60 -0.37 0.00	20.04 -0.41 0.00	18.12 -0.43 0.00	19.25 -0.34 0.00	23.48 -0.23 0.00	24.96 -0.23 0.00	25.18 -0.44 0.00	24.03 -0.08 0.00	23.76 0.02 0.00	25.60 0.07 0.00	29.43 0.73 -0.07	27.57 0.56 -0.20	28.52 0.44 -0.03	27.33 0.19 -0.19	30.73 0.32 -0.44	34.32 -0.15 -0.65	40.67 0.35 -1.02	41.53 0.11 -0.89	43.55 -0.12 -0.79	39.60 -0.87 0.00	39.79 -0.47 0.00	32.19 -0.41 0.00	27.56 -0.55 0.00
HISHELDN_WT_PWR 323625	20.68 -0.72 0.00	21.46 -0.52 0.00	19.88 -0.57 0.00	17.90 -0.65 0.00	19.03 -0.55 0.00	23.46 -0.25 0.00	24.93 -0.26 0.00	25.44 -0.18 0.00	24.17 0.07 0.00	23.88 0.14 0.00	25.89 0.36 0.00	29.81 1.05 -0.12	28.04 0.88 -0.35	28.81 0.71 -0.06	27.39 0.11 -0.33	31.04 0.31 -0.77	34.93 -0.02 -1.13	41.52 0.45 -1.76	42.36 0.28 -1.55	44.26 0.00 -1.38	40.05 -0.43 0.00	39.98 -0.27 0.00	32.56 -0.04 0.00	27.97 -0.14 0.00
HOLTSVILLE_IC_1 23690	22.23 0.83 0.00	22.72 0.74 0.00	20.96 0.52 0.00	19.23 0.68 0.00	20.14 0.56 0.00	24.19 0.48 0.00	25.91 0.72 0.00	26.65 1.03 0.00	25.08 0.97 0.00	24.84 1.10 0.00	26.99 1.46 0.00	30.61 1.98 0.00	30.31 2.22 -1.28	31.96 2.43 -1.48	29.08 2.13 0.00	32.43 2.46 0.00	36.72 2.90 0.00	42.32 3.02 0.00	43.91 3.38 0.00	45.68 2.80 0.00	42.87 2.39 0.00	42.88 2.63 0.00	34.61 2.01 0.00	29.87 1.76 0.00
HOLTSVILLE_IC_10 23699	22.32 0.91 0.00	22.81 0.83 0.00	21.04 0.59 0.00	19.31 0.76 0.00	20.21 0.63 0.00	24.28 0.57 0.00	26.01 0.82 0.00	26.76 1.14 0.00	25.20 1.09 0.00	24.96 1.22 0.00	27.11 1.58 0.00	30.77 2.14 0.00	30.47 2.38 -1.28	32.15 2.63 -1.48	29.29 2.34 0.00	32.68 2.72 0.00	37.03 3.21 0.00	42.66 3.36 0.00	44.27 3.75 0.00	46.06 3.19 0.00	43.19 2.71 0.00	43.19 2.94 0.00	34.84 2.24 0.00	30.05 1.94 0.00
HOLTSVILLE_IC_2 23691	22.23 0.83 0.00	22.72 0.74 0.00	20.96 0.52 0.00	19.23 0.68 0.00	20.14 0.56 0.00	24.19 0.48 0.00	25.91 0.72 0.00	26.65 1.03 0.00	25.08 0.97 0.00	24.84 1.10 0.00	26.99 1.46 0.00	30.61 1.98 0.00	30.31 2.22 -1.28	31.96 2.43 -1.48	29.08 2.13 0.00	32.43 2.46 0.00	36.72 2.90 0.00	42.32 3.02 0.00	43.91 3.38 0.00	45.68 2.80 0.00	42.87 2.39 0.00	42.88 2.63 0.00	34.61 2.01 0.00	29.87 1.76 0.00
HOLTSVILLE_IC_3 23692	22.23 0.83 0.00	22.72 0.74 0.00	20.96 0.52 0.00	19.23 0.68 0.00	20.14 0.56 0.00	24.19 0.48 0.00	25.91 0.72 0.00	26.65 1.03 0.00	25.08 0.97 0.00	24.84 1.10 0.00	26.99 1.46 0.00	30.61 1.98 0.00	30.31 2.22 -1.28	31.96 2.43 -1.48	29.08 2.13 0.00	32.43 2.46 0.00	36.72 2.90 0.00	42.32 3.02 0.00	43.91 3.38 0.00	45.68 2.80 0.00	42.87 2.39 0.00	42.88 2.63 0.00	34.61 2.01 0.00	29.87 1.76 0.00
HOLTSVILLE_IC_4 23693	22.23 0.83 0.00	22.72 0.74 0.00	20.96 0.52 0.00	19.23 0.68 0.00	20.14 0.56 0.00	24.19 0.48 0.00	25.91 0.72 0.00	26.65 1.03 0.00	25.08 0.97 0.00	24.84 1.10 0.00	26.99 1.46 0.00	30.61 1.98 0.00	30.31 2.22 -1.28	31.96 2.43 -1.48	29.08 2.13 0.00	32.43 2.46 0.00	36.72 2.90 0.00	42.32 3.02 0.00	43.91 3.38 0.00	45.68 2.80 0.00	42.87 2.39 0.00	42.88 2.63 0.00	34.61 2.01 0.00	29.87 1.76 0.00
HOLTSVILLE_IC_5 23694	22.23 0.83 0.00	22.72 0.74 0.00	20.96 0.52 0.00	19.23 0.68 0.00	20.14 0.56 0.00	24.19 0.48 0.00	25.91 0.72 0.00	26.65 1.03 0.00	25.08 0.97 0.00	24.84 1.10 0.00	26.99 1.46 0.00	30.61 1.98 0.00	30.31 2.22 -1.28	31.96 2.43 -1.48	29.08 2.13 0.00	32.43 2.46 0.00	36.72 2.90 0.00	42.32 3.02 0.00	43.91 3.38 0.00	45.68 2.80 0.00	42.87 2.39 0.00	42.88 2.63 0.00	34.61 2.01 0.00	29.87 1.76 0.00
HOLTSVILLE_IC_6 23695	22.32 0.91 0.00	22.81 0.83 0.00	21.04 0.59 0.00	19.31 0.76 0.00	20.21 0.63 0.00	24.28 0.57 0.00	26.01 0.82 0.00	26.76 1.14 0.00	25.20 1.09 0.00	24.96 1.22 0.00	27.11 1.58 0.00	30.77 2.14 0.00	30.47 2.38 -1.28	32.15 2.63 -1.48	29.29 2.34 0.00	32.68 2.72 0.00	37.03 3.21 0.00	42.66 3.36 0.00	44.27 3.75 0.00	46.06 3.19 0.00	43.19 2.71 0.00	43.19 2.94 0.00	34.84 2.24 0.00	30.05 1.94 0.00
HOLTSVILLE_IC_7 23696	22.32 0.91 0.00	22.81 0.83 0.00	21.04 0.59 0.00	19.31 0.76 0.00	20.21 0.63 0.00	24.28 0.57 0.00	26.01 0.82 0.00	26.76 1.14 0.00	25.20 1.09 0.00	24.96 1.22 0.00	27.11 1.58 0.00	30.77 2.14 0.00	30.47 2.38 -1.28	32.15 2.63 -1.48	29.29 2.34 0.00	32.68 2.72 0.00	37.03 3.21 0.00	42.66 3.36 0.00	44.27 3.75 0.00	46.06 3.19 0.00	43.19 2.71 0.00	43.19 2.94 0.00	34.84 2.24 0.00	30.05 1.94 0.00
HOLTSVILLE_IC_8 23697	22.32 0.91 0.00	22.81 0.83 0.00	21.04 0.59 0.00	19.31 0.76 0.00	20.21 0.63 0.00	24.28 0.57 0.00	26.01 0.82 0.00	26.76 1.14 0.00	25.20 1.09 0.00	24.96 1.22 0.00	27.11 1.58 0.00	30.77 2.14 0.00	30.47 2.38 -1.28	32.15 2.63 -1.48	29.29 2.34 0.00	32.68 2.72 0.00	37.03 3.21 0.00	42.66 3.36 0.00	44.27 3.75 0.00	46.06 3.19 0.00	43.19 2.71 0.00	43.19 2.94 0.00	34.84 2.24 0.00	30.05 1.94 0.00
HOLTSVILLE_IC_9 23698	22.32 0.91 0.00	22.81 0.83 0.00	21.04 0.59 0.00	19.31 0.76 0.00	20.21 0.63 0.00	24.28 0.57 0.00	26.01 0.82 0.00	26.76 1.14 0.00	25.20 1.09 0.00	24.96 1.22 0.00	27.11 1.58 0.00	30.77 2.14 0.00	30.47 2.38 -1.28	32.15 2.63 -1.48	29.29 2.34 0.00	32.68 2.72 0.00	37.03 3.21 0.00	42.66 3.36 0.00	44.27 3.75 0.00	46.06 3.19 0.00	43.19 2.71 0.00	43.19 2.94 0.00	34.84 2.24 0.00	30.05 1.94 0.00
HOMER_HL_115KV_TB2 355744	21.11 -0.29 0.00	21.85 -0.13 0.00	20.22 -0.23 0.00	18.22 -0.33 0.00	19.39 -0.19 0.00	23.90 0.19 0.00	25.41 0.21 0.00	25.99 0.37 0.00	24.81 0.70 0.00	24.55 0.81 0.00	26.50 0.97 0.00	30.54 1.69 -0.22	28.78 1.33 -0.64	29.50 1.35 -0.10	28.25 0.70 -0.60	32.31 0.95 -1.40	36.46 0.59 -2.05	43.66 1.15 -3.21	44.31 0.96 -2.82	46.01 0.63 -2.51	40.75 0.27 0.00	40.69 0.44 0.00	33.09 0.49 0.00	28.41 0.30 0.00
HOWARD_WT_PWR 323690	21.73 0.33 0.00	22.32 0.34 0.00	20.76 0.32 0.00	18.43 -0.12 0.00	19.74 0.16 0.00	24.58 0.87 0.00	26.16 0.97 0.00	26.91 1.29 0.00	25.65 1.54 0.00	25.31 1.58 0.00	27.19 1.66 0.00	31.28 2.53 -0.12	29.36 2.21 -0.34	30.26 2.16 -0.05	29.02 1.75 -0.32	32.71 1.99 -0.75	36.46 1.53 -1.11	43.27 2.23 -1.74	44.48 2.43 -1.52	46.86 2.63 -1.36	42.75 2.27 0.00	42.93 2.68 0.00	34.81 2.20 0.00	29.82 1.71 0.00

HQ_GEN_CEDARS 23644	21.43 0.02 0.00	22.08 0.10 0.00	20.49 0.04 0.00	18.57 0.01 0.00	19.59 0.00 0.00	23.85 0.14 0.00	25.35 0.16 0.00	25.59 -0.04 0.00	24.09 -0.02 0.00	23.63 -0.10 0.00	25.46 -0.08 0.00	28.39 -0.24 0.00	26.42 -0.39 0.00	27.48 -0.57 0.00	26.57 -0.38 0.00	29.48 -0.49 0.00	33.26 -0.56 0.00	38.72 -0.58 0.00	39.86 -0.67 0.00	42.51 -0.37 0.00	40.10 -0.38 0.00	39.89 -0.36 0.00	32.35 -0.26 0.00	27.95 -0.16 0.00
HQ_GEN_CEDARS_PROXY 323590	20.94 0.02 0.49	22.08 0.10 0.00	20.49 0.04 0.00	18.57 0.01 0.00	19.59 0.00 0.00	23.85 0.14 0.00	25.36 0.16 0.00	25.59 -0.04 0.00	24.09 -0.02 0.00	23.64 -0.10 0.00	25.46 -0.08 0.00	28.39 -0.24 0.00	26.42 -0.39 0.00	27.47 -0.57 0.00	26.57 -0.38 0.00	29.48 -0.49 0.00	33.26 -0.57 0.00	38.72 -0.58 0.00	39.86 -0.67 0.00	42.51 -0.37 0.00	40.10 -0.38 0.00	39.89 -0.36 0.00	32.35 -0.25 0.00	27.95 -0.16 0.00
HQ_GEN_IMPORT 323601	21.17 0.01 0.24	22.03 0.05 0.00	20.47 0.02 0.00	18.56 0.01 0.00	19.58 0.00 0.00	23.78 0.07 0.00	25.27 0.07 0.00	25.58 -0.04 0.00	24.11 0.00 0.00	23.70 -0.04 0.00	25.52 -0.01 0.00	28.45 -0.18 0.00	26.54 -0.27 0.00	27.68 -0.36 0.00	26.72 -0.23 0.00	29.63 -0.34 0.00	33.44 -0.38 0.00	38.87 -0.43 0.00	39.94 -0.59 0.00	42.50 -0.38 0.00	40.09 -0.38 0.00	39.89 -0.36 0.00	32.34 -0.27 0.00	27.93 -0.18 0.00
HQ_GEN_WHEEL 23651	21.17 0.01 0.24	22.03 0.05 0.00	20.47 0.02 0.00	18.56 0.01 0.00	19.58 0.00 0.00	23.78 0.07 0.00	25.27 0.07 0.00	25.58 -0.04 0.00	24.11 0.00 0.00	23.70 -0.04 0.00	25.52 -0.01 0.00	28.45 -0.18 0.00	26.54 -0.27 0.00	27.68 -0.36 0.00	26.72 -0.23 0.00	29.63 -0.34 0.00	33.44 -0.38 0.00	38.87 -0.43 0.00	39.94 -0.59 0.00	42.50 -0.38 0.00	40.09 -0.38 0.00	39.89 -0.36 0.00	32.34 -0.27 0.00	27.93 -0.18 0.00
HUDSON AVE_GT_3 23810	22.38 0.98 0.00	22.80 0.82 0.00	21.16 0.72 0.00	19.23 0.68 0.00	20.24 0.66 0.00	24.43 0.72 0.00	26.17 0.98 0.00	26.86 1.24 0.00	25.39 1.28 0.00	25.16 1.42 0.00	27.18 1.65 0.00	30.71 2.08 0.00	28.95 2.14 0.00	30.41 2.36 0.00	29.12 2.17 0.00	32.45 2.48 0.00	36.57 2.75 0.00	42.33 3.02 0.00	43.63 3.11 0.00	45.59 2.71 0.00	42.93 2.46 0.00	42.76 2.51 0.00	34.69 2.09 0.00	29.81 1.70 0.00
HUDSON AVE_GT_4 23540	22.38 0.98 0.00	22.80 0.82 0.00	21.16 0.72 0.00	19.23 0.68 0.00	20.24 0.66 0.00	24.43 0.72 0.00	26.17 0.98 0.00	26.86 1.24 0.00	25.39 1.28 0.00	25.16 1.42 0.00	27.18 1.65 0.00	30.71 2.08 0.00	28.95 2.14 0.00	30.41 2.36 0.00	29.12 2.17 0.00	32.45 2.48 0.00	36.57 2.75 0.00	42.33 3.02 0.00	43.63 3.11 0.00	45.59 2.71 0.00	42.93 2.46 0.00	42.76 2.51 0.00	34.69 2.09 0.00	29.81 1.70 0.00
HUDSON AVE_GT_5 23657	22.38 0.98 0.00	22.80 0.82 0.00	21.16 0.72 0.00	19.23 0.68 0.00	20.24 0.66 0.00	24.43 0.72 0.00	26.17 0.98 0.00	26.86 1.24 0.00	25.39 1.28 0.00	25.16 1.42 0.00	27.18 1.65 0.00	30.71 2.08 0.00	28.95 2.14 0.00	30.41 2.36 0.00	29.12 2.17 0.00	32.45 2.48 0.00	36.57 2.75 0.00	42.33 3.02 0.00	43.63 3.11 0.00	45.59 2.71 0.00	42.93 2.46 0.00	42.76 2.51 0.00	34.69 2.09 0.00	29.81 1.70 0.00
HUDSON_AVE_10 24168	22.30 0.90 0.00	22.72 0.74 0.00	21.10 0.65 0.00	19.18 0.63 0.00	20.17 0.59 0.00	24.36 0.65 0.00	26.09 0.90 0.00	26.76 1.14 0.00	25.29 1.18 0.00	25.07 1.33 0.00	27.08 1.54 0.00	30.58 1.95 0.00	28.83 2.02 0.00	30.28 2.24 0.00	29.01 2.05 0.00	32.30 2.34 0.00	36.40 2.58 0.00	42.16 2.85 0.00	43.46 2.93 0.00	45.40 2.52 0.00	42.76 2.28 0.00	42.57 2.32 0.00	34.56 1.95 0.00	29.70 1.59 0.00
HUDSON___115KV_TB 4 355613	21.99 0.58 0.00	22.56 0.58 0.00	21.14 0.69 0.00	19.21 0.66 0.00	20.28 0.70 0.00	24.45 0.74 0.00	26.02 0.83 0.00	26.54 0.92 0.00	24.66 0.55 0.00	24.16 0.42 0.00	25.80 0.26 0.00	28.91 0.28 0.00	27.12 0.31 0.00	28.47 0.42 0.00	27.36 0.41 0.00	30.43 0.46 0.00	34.56 0.74 0.00	40.24 0.94 0.00	42.00 1.47 0.00	44.50 1.62 0.00	42.27 1.79 0.00	41.98 1.73 0.00	33.87 1.27 0.00	29.14 1.03 0.00
HUNTER MOUNT___DRP 323613	22.10 0.70 0.00	22.69 0.71 0.00	21.28 0.83 0.00	19.33 0.78 0.00	20.42 0.84 0.00	24.63 0.92 0.00	26.20 1.01 0.00	26.71 1.09 0.00	24.76 0.65 0.00	24.18 0.44 0.00	25.77 0.24 0.00	28.87 0.24 0.00	27.07 0.25 0.00	28.41 0.36 0.00	27.32 0.36 0.00	30.37 0.41 0.00	34.54 0.72 0.00	40.31 1.01 0.00	42.16 1.63 0.00	44.76 1.89 0.00	42.57 2.10 0.00	42.26 2.01 0.00	34.07 1.47 0.00	29.30 1.19 0.00
HUNTINGTON_RES_REC 323705	22.35 0.95 0.00	22.84 0.86 0.00	21.06 0.62 0.00	19.32 0.77 0.00	20.24 0.66 0.00	24.28 0.57 0.00	26.00 0.81 0.00	26.73 1.10 0.00	25.12 1.01 0.00	24.90 1.17 0.00	27.18 1.64 0.00	30.81 2.18 0.00	30.49 2.40 -1.28	32.12 2.60 -1.48	29.21 2.26 0.00	32.57 2.60 0.00	36.85 3.03 0.00	42.49 3.18 0.00	44.06 3.53 0.00	45.81 2.93 0.00	42.94 2.47 0.00	42.89 2.64 0.00	34.64 2.04 0.00	29.94 1.82 0.00
HUNTLEY___63 23557	20.52 -0.88 0.00	21.33 -0.64 0.00	19.73 -0.72 0.00	17.75 -0.81 0.00	18.89 -0.70 0.00	23.34 -0.37 0.00	24.83 -0.36 0.00	25.41 -0.21 0.00	24.13 0.02 0.00	23.84 0.10 0.00	25.92 0.39 0.00	29.87 1.17 -0.08	28.03 1.00 -0.22	28.86 0.77 -0.04	27.24 0.09 -0.21	30.82 0.37 -0.48	34.66 0.12 -0.71	41.03 0.61 -1.11	41.90 0.39 -0.98	43.77 0.03 -0.87	40.09 -0.38 0.00	39.91 -0.34 0.00	32.58 -0.03 0.00	28.02 -0.09 0.00
HUNTLEY___64 23558	20.52 -0.88 0.00	21.33 -0.64 0.00	19.73 -0.72 0.00	17.75 -0.81 0.00	18.89 -0.70 0.00	23.34 -0.37 0.00	24.83 -0.36 0.00	25.41 -0.21 0.00	24.13 0.02 0.00	23.84 0.10 0.00	25.92 0.39 0.00	29.87 1.17 -0.08	28.03 1.00 -0.22	28.86 0.77 -0.04	27.24 0.09 -0.21	30.82 0.37 -0.48	34.66 0.12 -0.71	41.03 0.61 -1.11	41.90 0.39 -0.98	43.77 0.03 -0.87	40.09 -0.38 0.00	39.91 -0.34 0.00	32.58 -0.03 0.00	28.02 -0.09 0.00
HUNTLEY___65 23559	20.52 -0.88 0.00	21.33 -0.64 0.00	19.73 -0.72 0.00	17.75 -0.81 0.00	18.89 -0.70 0.00	23.34 -0.37 0.00	24.83 -0.36 0.00	25.41 -0.21 0.00	24.13 0.02 0.00	23.84 0.10 0.00	25.92 0.39 0.00	29.87 1.17 -0.08	28.03 1.00 -0.22	28.86 0.77 -0.04	27.24 0.09 -0.21	30.82 0.37 -0.48	34.66 0.12 -0.71	41.03 0.61 -1.11	41.90 0.39 -0.98	43.77 0.03 -0.87	40.09 -0.38 0.00	39.91 -0.34 0.00	32.58 -0.03 0.00	28.02 -0.09 0.00
HUNTLEY___66 23560	20.52 -0.88 0.00	21.33 -0.64 0.00	19.73 -0.72 0.00	17.75 -0.81 0.00	18.89 -0.70 0.00	23.34 -0.37 0.00	24.83 -0.36 0.00	25.41 -0.21 0.00	24.13 0.02 0.00	23.84 0.10 0.00	25.92 0.39 0.00	29.87 1.17 -0.08	28.03 1.00 -0.22	28.86 0.77 -0.04	27.24 0.09 -0.21	30.82 0.37 -0.48	34.66 0.12 -0.71	41.03 0.61 -1.11	41.90 0.39 -0.98	43.77 0.03 -0.87	40.09 -0.38 0.00	39.91 -0.34 0.00	32.58 -0.03 0.00	28.02 -0.09 0.00

HUNTLEY___67 23561	20.44 -0.96 0.00	21.26 -0.72 0.00	19.67 -0.77 0.00	17.71 -0.84 0.00	18.84 -0.74 0.00	23.26 -0.45 0.00	24.72 -0.48 0.00	25.28 -0.34 0.00	24.00 -0.11 0.00	23.71 -0.03 0.00	25.75 0.21 0.00	30.22 0.89 -0.70	29.57 0.74 -2.02	28.89 0.52 -0.32	28.70 -0.14 -1.89	34.47 0.08 -4.42	40.12 -0.20 -6.50	49.71 0.23 -10.18	49.49 0.03 -8.94	50.47 -0.37 -7.95	39.74 -0.74 0.00	39.59 -0.67 0.00	32.29 -0.31 0.00	27.77 -0.34 0.00
HUNTLEY___68 23562	20.44 -0.96 0.00	21.26 -0.72 0.00	19.67 -0.77 0.00	17.71 -0.84 0.00	18.84 -0.74 0.00	23.26 -0.45 0.00	24.72 -0.48 0.00	25.28 -0.34 0.00	24.00 -0.11 0.00	23.71 -0.03 0.00	25.75 0.21 0.00	30.22 0.89 -0.70	29.57 0.74 -2.02	28.89 0.52 -0.32	28.70 -0.14 -1.89	34.47 0.08 -4.42	40.12 -0.20 -6.50	49.71 0.23 -10.18	49.49 0.03 -8.94	50.47 -0.37 -7.95	39.74 -0.74 0.00	39.59 -0.67 0.00	32.29 -0.31 0.00	27.77 -0.34 0.00
HYLAND___LFGE 323620	21.80 0.40 0.00	22.51 0.53 0.00	20.82 0.38 0.00	18.79 0.23 0.00	19.97 0.39 0.00	24.48 0.77 0.00	25.96 0.77 0.00	26.05 0.43 0.00	24.20 0.09 0.00	23.48 -0.26 0.00	25.50 -0.04 0.00	29.29 0.62 -0.04	27.36 0.45 -0.10	28.32 0.26 -0.02	26.94 -0.11 -0.10	30.18 -0.01 -0.23	33.60 -0.55 -0.33	39.66 -0.17 -0.52	40.94 -0.05 -0.46	43.66 0.38 -0.41	41.25 0.78 0.00	42.10 1.85 0.00	34.33 1.72 0.00	29.33 1.22 0.00
INDECK___CORINTH 23802	22.40 0.99 0.00	23.01 1.03 0.00	21.44 0.99 0.00	19.44 0.88 0.00	20.53 0.94 0.00	24.84 1.13 0.00	26.47 1.28 0.00	27.07 1.45 0.00	25.32 1.21 0.00	24.73 0.99 0.00	26.29 0.76 0.00	29.50 0.87 0.00	27.57 0.76 0.00	29.00 0.95 0.00	27.86 0.91 0.00	31.19 1.22 0.00	35.59 1.77 0.00	41.36 2.06 0.00	43.90 3.38 0.00	46.42 3.54 0.00	44.28 3.81 0.00	43.67 3.42 0.00	35.23 2.63 0.00	30.24 2.13 0.00
INDECK___ILION 23567	21.36 -0.04 0.00	21.91 -0.07 0.00	20.42 -0.02 0.00	18.55 0.00 0.00	19.58 0.00 0.00	23.63 -0.08 0.00	25.12 -0.08 0.00	25.54 -0.08 0.00	23.88 -0.23 0.00	23.48 -0.26 0.00	25.21 -0.33 0.00	28.32 -0.31 0.00	26.61 -0.20 0.00	27.91 -0.13 0.00	26.82 -0.14 0.00	29.87 -0.09 0.00	33.75 -0.07 0.00	39.35 0.05 0.00	40.81 0.28 0.00	43.14 0.26 0.00	40.79 0.32 0.00	40.62 0.37 0.00	32.84 0.24 0.00	28.25 0.14 0.00
INDECK___OLEAN 23982	21.11 -0.29 0.00	21.85 -0.13 0.00	20.22 -0.23 0.00	18.22 -0.33 0.00	19.39 -0.19 0.00	23.90 0.19 0.00	25.41 0.21 0.00	26.00 0.38 0.00	24.81 0.69 0.00	24.55 0.81 0.00	26.50 0.97 0.00	30.54 1.69 -0.22	28.78 1.33 -0.64	29.50 1.35 -0.10	28.27 0.72 -0.60	32.31 0.95 -1.40	36.46 0.59 -2.05	43.66 1.15 -3.21	44.31 0.97 -2.82	46.01 0.63 -2.51	40.76 0.28 0.00	40.69 0.43 0.00	33.09 0.49 0.00	28.41 0.30 0.00
INDECK___OSWEGO 23783	20.92 -0.48 0.00	21.49 -0.49 0.00	19.98 -0.46 0.00	18.12 -0.43 0.00	19.16 -0.43 0.00	23.18 -0.53 0.00	24.58 -0.62 0.00	25.00 -0.63 0.00	23.50 -0.60 0.00	23.15 -0.59 0.00	24.87 -0.67 0.00	27.99 -0.64 0.00	26.25 -0.56 0.00	27.47 -0.58 0.00	26.31 -0.64 0.00	29.33 -0.63 0.00	33.11 -0.71 0.00	38.57 -0.73 0.00	39.86 -0.66 0.00	42.10 -0.78 0.00	39.70 -0.78 0.00	39.42 -0.84 0.00	31.89 -0.72 0.00	27.47 -0.64 0.00
INDECK___YERKES 23781	20.54 -0.86 0.00	21.36 -0.62 0.00	19.75 -0.69 0.00	17.77 -0.79 0.00	18.91 -0.68 0.00	23.36 -0.35 0.00	24.86 -0.34 0.00	25.45 -0.17 0.00	24.15 0.04 0.00	23.87 0.13 0.00	25.95 0.41 0.00	29.90 1.20 -0.08	28.07 1.04 -0.22	28.88 0.80 -0.04	27.28 0.12 -0.21	30.85 0.40 -0.48	34.70 0.17 -0.71	41.08 0.66 -1.11	41.95 0.45 -0.98	43.82 0.08 -0.87	40.14 -0.33 0.00	39.94 -0.31 0.00	32.62 0.01 0.00	28.05 -0.06 0.00
INDIAN POINT_GT_1 24139	22.15 0.75 0.00	22.59 0.61 0.00	20.97 0.53 0.00	19.07 0.51 0.00	20.06 0.48 0.00	24.23 0.52 0.00	25.93 0.74 0.00	26.59 0.96 0.00	25.08 0.97 0.00	24.83 1.08 0.00	26.81 1.28 0.00	30.27 1.64 0.00	28.53 1.72 0.00	29.96 1.92 0.00	28.70 1.74 0.00	32.00 2.04 0.00	36.08 2.26 0.00	41.81 2.51 0.00	43.16 2.63 0.00	45.14 2.26 0.00	42.52 2.05 0.00	42.32 2.07 0.00	34.27 1.66 0.00	29.48 1.37 0.00
INDIAN POINT_GT_2 23659	22.15 0.75 0.00	22.59 0.61 0.00	20.97 0.53 0.00	19.07 0.51 0.00	20.06 0.48 0.00	24.23 0.52 0.00	25.93 0.74 0.00	26.59 0.96 0.00	25.08 0.97 0.00	24.83 1.08 0.00	26.81 1.28 0.00	30.27 1.64 0.00	28.53 1.72 0.00	29.96 1.92 0.00	28.70 1.74 0.00	32.00 2.04 0.00	36.08 2.26 0.00	41.81 2.51 0.00	43.16 2.63 0.00	45.14 2.26 0.00	42.52 2.05 0.00	42.32 2.07 0.00	34.27 1.66 0.00	29.48 1.37 0.00
INDIAN POINT_GT_3 24019	22.15 0.75 0.00	22.59 0.61 0.00	20.97 0.53 0.00	19.07 0.51 0.00	20.06 0.48 0.00	24.23 0.52 0.00	25.93 0.74 0.00	26.59 0.96 0.00	25.08 0.97 0.00	24.83 1.08 0.00	26.81 1.28 0.00	30.27 1.64 0.00	28.53 1.72 0.00	29.96 1.92 0.00	28.70 1.74 0.00	32.00 2.04 0.00	36.08 2.26 0.00	41.81 2.51 0.00	43.16 2.63 0.00	45.14 2.26 0.00	42.52 2.05 0.00	42.32 2.07 0.00	34.27 1.66 0.00	29.48 1.37 0.00
INDIAN POINT___2 23530	22.13 0.73 0.00	22.56 0.58 0.00	20.95 0.50 0.00	19.04 0.48 0.00	20.03 0.45 0.00	24.21 0.49 0.00	25.91 0.71 0.00	26.56 0.94 0.00	25.06 0.95 0.00	24.81 1.07 0.00	26.79 1.26 0.00	30.25 1.63 0.00	28.52 1.71 0.00	29.95 1.90 0.00	28.69 1.74 0.00	31.98 2.02 0.00	36.05 2.23 0.00	41.78 2.47 0.00	43.12 2.59 0.00	45.09 2.21 0.00	42.48 2.00 0.00	42.26 2.01 0.00	34.23 1.62 0.00	29.44 1.33 0.00
INDIAN POINT___3 23531	22.14 0.74 0.00	22.57 0.60 0.00	20.96 0.51 0.00	19.06 0.50 0.00	20.05 0.47 0.00	24.22 0.51 0.00	25.92 0.72 0.00	26.57 0.94 0.00	25.06 0.95 0.00	24.80 1.06 0.00	26.79 1.25 0.00	30.24 1.61 0.00	28.50 1.69 0.00	29.93 1.88 0.00	28.67 1.72 0.00	31.96 1.99 0.00	36.04 2.22 0.00	41.74 2.44 0.00	43.09 2.56 0.00	45.08 2.20 0.00	42.48 2.00 0.00	42.27 2.02 0.00	34.23 1.63 0.00	29.45 1.34 0.00
INGHAM_C_115KV_TB7 356103	21.15 -0.25 0.00	21.68 -0.29 0.00	20.24 -0.20 0.00	18.41 -0.14 0.00	19.44 -0.15 0.00	23.39 -0.32 0.00	24.86 -0.34 0.00	25.23 -0.39 0.00	23.38 -0.73 0.00	22.91 -0.83 0.00	24.56 -0.98 0.00	27.61 -1.02 0.00	26.03 -0.78 0.00	27.38 -0.66 0.00	26.31 -0.64 0.00	29.40 -0.57 0.00	33.23 -0.59 0.00	38.93 -0.37 0.00	40.59 0.06 0.00	42.98 0.10 0.00	40.77 0.29 0.00	40.65 0.40 0.00	32.82 0.22 0.00	28.18 0.07 0.00
IP CORINTH___1 23988	22.40 0.99 0.00	23.01 1.03 0.00	21.44 0.99 0.00	19.44 0.88 0.00	20.53 0.94 0.00	24.84 1.13 0.00	26.47 1.28 0.00	27.07 1.44 0.00	25.32 1.21 0.00	24.73 0.99 0.00	26.29 0.75 0.00	29.51 0.87 0.00	27.57 0.76 0.00	29.00 0.95 0.00	27.86 0.91 0.00	31.19 1.22 0.00	35.59 1.77 0.00	41.36 2.06 0.00	43.90 3.38 0.00	46.42 3.54 0.00	44.28 3.80 0.00	43.67 3.42 0.00	35.23 2.63 0.00	30.24 2.13 0.00

IP__TICONDEROGA 23804	22.98 1.58 0.00	23.59 1.61 0.00	21.97 1.53 0.00	19.94 1.39 0.00	21.06 1.48 0.00	25.62 1.91 0.00	27.34 2.15 0.00	28.02 2.40 0.00	25.99 1.88 0.00	25.13 1.39 0.00	26.71 1.18 0.00	29.95 1.32 0.00	28.01 1.20 0.00	29.55 1.51 0.00	28.36 1.41 0.00	32.02 2.06 0.00	36.85 3.03 0.00	42.73 3.42 0.00	45.75 5.22 0.00	48.56 5.68 0.00	46.46 5.99 0.00	45.74 5.49 0.00	36.87 4.27 0.00	31.62 3.51 0.00
ISLIP_RES_REC 323679	22.41 1.01 0.00	22.91 0.93 0.00	21.11 0.67 0.00	19.38 0.83 0.00	20.29 0.71 0.00	24.38 0.67 0.00	26.12 0.93 0.00	26.89 1.26 0.00	25.32 1.21 0.00	25.09 1.35 0.00	27.27 1.73 0.00	30.95 2.32 0.00	30.66 2.57 -1.28	32.37 2.85 -1.48	29.52 2.57 0.00	32.94 2.98 0.00	37.33 3.50 0.00	43.02 3.71 0.00	44.64 4.12 0.00	46.49 3.61 0.00	43.58 3.10 0.00	43.55 3.30 0.00	35.12 2.52 0.00	30.26 2.15 0.00
JAMAICA__27_KV_LOAD 355505	22.50 1.10 0.00	22.93 0.95 0.00	21.31 0.87 0.00	19.33 0.78 0.00	20.36 0.78 0.00	24.60 0.89 0.00	26.36 1.16 0.00	26.99 1.36 0.00	25.48 1.37 0.00	25.29 1.54 0.00	27.30 1.77 0.00	30.81 2.18 0.00	29.02 2.21 0.00	30.50 2.46 0.00	29.23 2.28 0.00	32.49 2.52 0.00	36.64 2.82 0.00	42.50 3.19 0.00	43.78 3.26 0.00	45.82 2.94 0.00	43.16 2.68 0.00	42.92 2.67 0.00	34.89 2.28 0.00	29.98 1.86 0.00
JANIS__SOLAR 323808	22.10 0.70 0.00	22.69 0.72 0.00	21.07 0.62 0.00	19.09 0.53 0.00	20.22 0.64 0.00	24.60 0.89 0.00	26.25 1.06 0.00	26.78 1.15 0.00	25.07 0.96 0.00	24.45 0.71 0.00	26.24 0.71 0.00	29.50 0.87 0.00	27.76 0.96 0.00	29.05 1.01 0.00	27.71 0.76 0.00	30.85 0.88 0.00	34.83 1.01 0.00	40.81 1.51 0.00	42.77 2.24 0.00	45.44 2.56 0.00	42.83 2.35 0.00	42.47 2.21 0.00	34.23 1.63 0.00	29.37 1.26 0.00
JARVIS____ 23743	21.43 0.02 0.00	21.99 0.01 0.00	20.48 0.04 0.00	18.59 0.04 0.00	19.62 0.04 0.00	23.72 0.00 0.00	25.21 0.02 0.00	25.67 0.05 0.00	24.13 0.02 0.00	23.76 0.02 0.00	25.54 0.00 0.00	28.67 0.04 0.00	26.88 0.07 0.00	28.15 0.11 0.00	27.03 0.08 0.00	30.07 0.10 0.00	33.95 0.13 0.00	39.43 0.13 0.00	40.73 0.20 0.00	43.04 0.16 0.00	40.64 0.17 0.00	40.42 0.17 0.00	32.74 0.13 0.00	28.21 0.10 0.00
JENNISON__1 23625	22.15 0.75 0.00	22.72 0.74 0.00	21.10 0.66 0.00	19.13 0.57 0.00	20.26 0.67 0.00	24.63 0.92 0.00	26.29 1.09 0.00	26.86 1.24 0.00	25.28 1.17 0.00	24.78 1.04 0.00	26.69 1.16 0.00	30.08 1.45 0.00	28.23 1.42 0.00	29.57 1.53 0.00	28.24 1.29 0.00	31.44 1.48 0.00	35.46 1.64 0.00	41.50 2.20 0.00	43.15 2.62 0.00	45.60 2.72 0.00	42.88 2.41 0.00	42.58 2.33 0.00	34.35 1.75 0.00	29.48 1.36 0.00
JENNISON__2 23626	22.15 0.75 0.00	22.72 0.74 0.00	21.10 0.66 0.00	19.13 0.57 0.00	20.26 0.67 0.00	24.63 0.92 0.00	26.29 1.09 0.00	26.86 1.24 0.00	25.28 1.17 0.00	24.78 1.04 0.00	26.69 1.16 0.00	30.08 1.45 0.00	28.23 1.42 0.00	29.57 1.53 0.00	28.24 1.29 0.00	31.44 1.48 0.00	35.46 1.64 0.00	41.50 2.20 0.00	43.15 2.62 0.00	45.60 2.72 0.00	42.88 2.41 0.00	42.58 2.33 0.00	34.35 1.75 0.00	29.48 1.36 0.00
JERICHO_RISE_WT_PWR 323719	21.60 0.20 0.00	22.27 0.30 0.00	20.60 0.16 0.00	18.67 0.12 0.00	19.71 0.13 0.00	23.96 0.25 0.00	25.51 0.32 0.00	25.87 0.24 0.00	24.33 0.22 0.00	23.80 0.06 0.00	25.54 0.01 0.00	28.61 -0.03 0.00	26.57 -0.24 0.00	27.55 -0.49 0.00	26.44 -0.51 0.00	29.37 -0.59 0.00	33.31 -0.52 0.00	38.79 -0.51 0.00	40.22 -0.31 0.00	42.91 0.04 0.00	40.32 -0.16 0.00	40.07 -0.19 0.00	32.67 0.07 0.00	28.22 0.11 0.00
KATONAH__115KV_46KV_TB4 355592	22.28 0.87 0.00	22.72 0.74 0.00	21.09 0.65 0.00	19.18 0.63 0.00	20.19 0.61 0.00	24.38 0.67 0.00	26.09 0.89 0.00	26.74 1.12 0.00	25.23 1.12 0.00	24.97 1.23 0.00	26.96 1.42 0.00	30.44 1.81 0.00	28.68 1.87 0.00	30.13 2.09 0.00	28.87 1.92 0.00	32.21 2.25 0.00	36.35 2.53 0.00	42.11 2.81 0.00	43.48 2.95 0.00	45.49 2.61 0.00	42.84 2.37 0.00	42.62 2.37 0.00	34.50 1.90 0.00	29.66 1.55 0.00
KCE_NY_1 323755	22.34 0.94 0.00	22.92 0.94 0.00	21.36 0.92 0.00	19.39 0.83 0.00	20.48 0.90 0.00	24.74 1.03 0.00	26.34 1.15 0.00	26.90 1.28 0.00	25.17 1.06 0.00	24.63 0.89 0.00	26.35 0.82 0.00	29.65 1.01 0.00	27.72 0.91 0.00	29.13 1.08 0.00	27.93 0.98 0.00	31.19 1.22 0.00	35.53 1.71 0.00	41.33 2.02 0.00	43.12 2.59 0.00	45.60 2.73 0.00	43.39 2.91 0.00	43.07 2.82 0.00	34.76 2.16 0.00	29.87 1.76 0.00
KCE_NY_6_ESR 323823	20.76 -0.64 0.00	21.56 -0.42 0.00	19.95 -0.49 0.00	17.96 -0.60 0.00	19.10 -0.48 0.00	23.58 -0.13 0.00	25.05 -0.14 0.00	25.63 0.01 0.00	24.35 0.24 0.00	24.07 0.33 0.00	26.13 0.60 0.00	30.24 1.32 -0.29	28.79 1.13 -0.84	29.16 0.97 -0.14	28.04 0.30 -0.79	32.38 0.56 -1.85	36.87 0.32 -2.72	44.45 0.88 -4.26	44.97 0.69 -3.74	46.55 0.34 -3.33	40.36 -0.11 0.00	40.23 -0.03 0.00	32.77 0.16 0.00	28.15 0.04 0.00
KEDC_PORT_JEFF_GT2 24210	22.28 0.88 0.00	22.78 0.81 0.00	21.01 0.57 0.00	19.29 0.74 0.00	20.19 0.61 0.00	24.26 0.55 0.00	25.99 0.79 0.00	26.73 1.11 0.00	25.15 1.04 0.00	24.92 1.18 0.00	27.10 1.56 0.00	30.74 2.11 0.00	30.44 2.35 -1.28	32.12 2.59 -1.48	29.24 2.29 0.00	32.63 2.67 0.00	36.95 3.12 0.00	42.38 3.08 0.00	43.98 3.45 0.00	45.74 2.86 0.00	42.88 2.41 0.00	43.06 2.81 0.00	34.77 2.17 0.00	29.99 1.88 0.00
KEDC_PORT_JEFF_GT3 24211	22.28 0.88 0.00	22.78 0.81 0.00	21.01 0.57 0.00	19.29 0.74 0.00	20.19 0.61 0.00	24.26 0.55 0.00	25.99 0.79 0.00	26.73 1.11 0.00	25.15 1.04 0.00	24.92 1.18 0.00	27.10 1.56 0.00	30.74 2.11 0.00	30.44 2.35 -1.28	32.12 2.59 -1.48	29.24 2.29 0.00	32.63 2.67 0.00	36.95 3.12 0.00	42.38 3.08 0.00	43.98 3.45 0.00	45.74 2.86 0.00	42.88 2.41 0.00	43.06 2.81 0.00	34.77 2.17 0.00	29.99 1.88 0.00
KEDC_GLWD_GT4 24219	22.47 1.06 0.00	22.92 0.94 0.00	21.18 0.74 0.00	19.35 0.80 0.00	20.32 0.74 0.00	24.45 0.74 0.00	26.17 0.98 0.00	26.91 1.28 0.00	25.34 1.23 0.00	25.11 1.37 0.00	27.32 1.78 0.00	30.95 2.32 0.00	30.57 2.48 -1.28	32.25 2.73 -1.48	29.39 2.44 0.00	32.74 2.78 0.00	36.72 2.90 0.00	42.46 3.16 0.00	43.90 3.37 0.00	45.73 2.85 0.00	42.96 2.48 0.00	43.12 2.87 0.00	34.93 2.33 0.00	30.07 1.96 0.00
KEDC_GLWD_GT5 24220	22.47 1.06 0.00	22.92 0.94 0.00	21.18 0.74 0.00	19.35 0.80 0.00	20.32 0.74 0.00	24.45 0.74 0.00	26.17 0.98 0.00	26.91 1.28 0.00	25.34 1.23 0.00	25.11 1.37 0.00	27.32 1.78 0.00	30.95 2.32 0.00	30.57 2.48 -1.28	32.25 2.73 -1.48	29.39 2.44 0.00	32.74 2.78 0.00	36.72 2.90 0.00	42.46 3.16 0.00	43.90 3.37 0.00	45.73 2.85 0.00	42.96 2.48 0.00	43.12 2.87 0.00	34.93 2.33 0.00	30.07 1.96 0.00

KENSICO____ 23655	22.22 0.82 0.00	22.65 0.68 0.00	21.03 0.58 0.00	19.13 0.57 0.00	20.12 0.54 0.00	24.30 0.58 0.00	26.01 0.81 0.00	26.66 1.04 0.00	25.16 1.05 0.00	24.90 1.16 0.00	26.90 1.36 0.00	30.37 1.74 0.00	28.62 1.81 0.00	30.06 2.01 0.00	28.79 1.84 0.00	32.10 2.13 0.00	36.19 2.37 0.00	41.93 2.63 0.00	43.26 2.74 0.00	45.25 2.37 0.00	42.63 2.16 0.00	42.43 2.18 0.00	34.38 1.78 0.00	29.57 1.46 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.17 0.77 0.00	22.60 0.62 0.00	20.96 0.52 0.00	19.04 0.48 0.00	20.05 0.47 0.00	24.23 0.52 0.00	25.94 0.75 0.00	26.60 0.98 0.00	25.10 1.00 0.00	24.80 1.06 0.00	26.74 1.21 0.00	30.15 1.52 0.00	28.36 1.55 0.00	29.80 1.76 0.00	28.63 1.68 0.00	32.08 2.12 0.00	36.28 2.45 0.00	42.09 2.79 0.00	43.48 2.95 0.00	45.55 2.68 0.00	42.88 2.40 0.00	42.61 2.35 0.00	34.42 1.82 0.00	29.56 1.44 0.00
KIAC_JFK_GT1 23816	22.36 0.96 0.00	22.78 0.80 0.00	21.18 0.74 0.00	19.22 0.67 0.00	20.24 0.66 0.00	24.44 0.73 0.00	26.19 0.99 0.00	26.82 1.19 0.00	25.33 1.22 0.00	25.13 1.39 0.00	27.13 1.59 0.00	30.61 1.98 0.00	28.81 2.00 0.00	30.29 2.24 0.00	29.02 2.07 0.00	32.17 2.20 0.00	36.27 2.45 0.00	42.06 2.75 0.00	43.34 2.81 0.00	45.35 2.47 0.00	42.70 2.23 0.00	42.49 2.24 0.00	34.64 2.04 0.00	29.78 1.67 0.00
KIAC_JFK_GT2 23817	22.36 0.96 0.00	22.78 0.80 0.00	21.18 0.74 0.00	19.22 0.67 0.00	20.24 0.66 0.00	24.44 0.73 0.00	26.19 0.99 0.00	26.82 1.19 0.00	25.33 1.22 0.00	25.13 1.39 0.00	27.13 1.59 0.00	30.61 1.98 0.00	28.81 2.00 0.00	30.29 2.24 0.00	29.02 2.07 0.00	32.17 2.20 0.00	36.27 2.45 0.00	42.06 2.75 0.00	43.34 2.81 0.00	45.35 2.47 0.00	42.70 2.23 0.00	42.49 2.24 0.00	34.64 2.04 0.00	29.78 1.67 0.00
KIAC_JFK____ 323774	22.37 0.97 0.00	22.78 0.80 0.00	21.18 0.74 0.00	19.22 0.67 0.00	20.24 0.66 0.00	24.44 0.73 0.00	26.18 0.99 0.00	26.82 1.19 0.00	25.33 1.22 0.00	25.13 1.39 0.00	27.13 1.59 0.00	30.61 1.98 0.00	28.81 2.00 0.00	30.29 2.24 0.00	29.02 2.07 0.00	32.17 2.20 0.00	36.27 2.45 0.00	42.05 2.75 0.00	43.34 2.81 0.00	45.34 2.47 0.00	42.70 2.23 0.00	42.49 2.24 0.00	34.64 2.04 0.00	29.78 1.67 0.00
KINTIGH____ 23543	20.48 -0.92 0.00	21.25 -0.73 0.00	19.68 -0.76 0.00	17.74 -0.81 0.00	18.85 -0.73 0.00	23.21 -0.50 0.00	24.65 -0.54 0.00	25.20 -0.42 0.00	23.86 -0.25 0.00	23.57 -0.17 0.00	25.57 0.03 0.04	29.19 0.60 0.11	27.20 0.50 0.02	28.33 0.30 0.02	26.59 -0.26 0.10	29.65 -0.08 0.24	33.15 -0.32 0.35	38.77 0.02 0.56	39.91 -0.13 0.49	41.94 -0.50 0.43	39.65 -0.82 0.00	39.45 -0.80 0.00	32.15 -0.46 0.00	27.66 -0.45 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	22.28 0.88 0.00	22.95 0.97 0.00	21.24 0.79 0.00	19.27 0.72 0.00	20.37 0.78 0.00	24.68 0.97 0.00	26.30 1.10 0.00	26.86 1.24 0.00	25.21 1.10 0.00	24.57 0.83 0.00	26.22 0.69 0.00	29.40 0.77 0.00	27.27 0.47 0.00	28.25 0.20 0.00	27.04 0.09 0.00	30.01 0.04 0.00	34.21 0.39 0.00	39.71 0.41 0.00	41.45 0.92 0.00	44.11 1.23 0.00	41.49 1.01 0.00	41.15 0.90 0.00	33.68 1.07 0.00	29.17 1.06 0.00
LACHUTE__HYDRO 323717	22.98 1.58 0.00	23.59 1.61 0.00	21.97 1.53 0.00	19.94 1.39 0.00	21.06 1.48 0.00	25.62 1.91 0.00	27.34 2.15 0.00	28.02 2.40 0.00	25.99 1.88 0.00	25.13 1.39 0.00	26.71 1.18 0.00	29.95 1.32 0.00	28.01 1.20 0.00	29.55 1.51 0.00	28.36 1.41 0.00	32.02 2.06 0.00	36.85 3.03 0.00	42.73 3.43 0.00	45.75 5.22 0.00	48.56 5.68 0.00	46.46 5.99 0.00	45.74 5.49 0.00	36.87 4.26 0.00	31.62 3.51 0.00
LAWRNCV_115KV_TB1 80681	21.10 -0.31 0.00	21.73 -0.25 0.00	20.14 -0.31 0.00	18.26 -0.29 0.00	19.27 -0.32 0.00	23.45 -0.26 0.00	24.96 -0.23 0.00	25.15 -0.48 0.00	23.65 -0.46 0.00	23.17 -0.57 0.00	24.92 -0.62 0.00	27.77 -0.86 0.00	25.83 -0.98 0.00	26.83 -1.21 0.00	25.96 -0.99 0.00	28.82 -1.15 0.00	32.57 -1.26 0.00	37.95 -1.35 0.00	39.18 -1.34 0.00	41.88 -1.00 0.00	39.52 -0.95 0.00	39.27 -0.98 0.00	31.82 -0.79 0.00	27.49 -0.62 0.00
LEDERLE____ 23769	22.22 0.82 0.00	22.64 0.67 0.00	21.01 0.57 0.00	19.09 0.54 0.00	20.09 0.51 0.00	24.29 0.58 0.00	26.03 0.83 0.00	26.68 1.05 0.00	25.17 1.06 0.00	24.94 1.20 0.00	26.94 1.41 0.00	30.44 1.81 0.00	28.69 1.89 0.00	30.14 2.10 0.00	28.88 1.93 0.00	32.23 2.26 0.00	36.32 2.50 0.00	42.10 2.80 0.00	43.43 2.90 0.00	45.40 2.53 0.00	42.75 2.28 0.00	42.51 2.25 0.00	34.40 1.80 0.00	29.57 1.46 0.00
LIGHTHSE_115KV_TB6 355974	20.99 -0.41 0.00	21.55 -0.42 0.00	20.02 -0.42 0.00	18.17 -0.39 0.00	19.22 -0.37 0.00	23.28 -0.43 0.00	24.70 -0.49 0.00	25.02 -0.61 0.00	23.53 -0.58 0.00	23.14 -0.60 0.00	24.80 -0.73 0.00	27.88 -0.74 0.00	26.11 -0.70 0.00	27.30 -0.75 0.00	26.16 -0.79 0.00	29.19 -0.77 0.00	33.02 -0.80 0.00	38.59 -0.71 0.00	40.01 -0.52 0.00	42.37 -0.51 0.00	39.95 -0.53 0.00	39.54 -0.71 0.00	31.94 -0.66 0.00	27.52 -0.59 0.00
LINDEN COGEN____ 23786	22.28 0.87 0.00	22.67 0.70 0.00	21.05 0.61 0.00	19.14 0.59 0.00	20.13 0.54 0.00	24.30 0.59 0.00	26.03 0.83 0.00	26.70 1.08 0.00	25.23 1.12 0.00	24.99 1.25 0.00	27.00 1.47 0.00	30.50 1.87 0.00	28.76 1.95 0.00	30.22 2.17 0.00	28.93 1.98 0.00	32.25 2.29 0.00	36.30 2.48 0.00	42.02 2.72 0.00	43.31 2.78 0.00	45.22 2.34 0.00	42.60 2.12 0.00	42.44 2.19 0.00	34.44 1.84 0.00	29.61 1.50 0.00
LINDHRST_69_KV_BK1 356055	22.57 1.17 0.00	23.03 1.05 0.00	21.26 0.81 0.00	19.46 0.91 0.00	20.41 0.82 0.00	24.53 0.82 0.00	26.29 1.09 0.00	27.04 1.41 0.00	25.44 1.33 0.00	25.17 1.44 0.00	27.41 1.88 0.00	31.08 2.45 0.00	30.74 2.65 -1.28	32.43 2.91 -1.48	29.52 2.57 0.00	32.90 2.94 0.00	37.19 3.37 0.00	42.95 3.65 0.00	44.50 3.97 0.00	46.32 3.44 0.00	43.50 3.03 0.00	43.51 3.26 0.00	35.17 2.57 0.00	30.29 2.18 0.00
LIPA_MISC_IPP 23656	22.16 0.75 0.00	22.64 0.66 0.00	20.88 0.43 0.00	19.20 0.64 0.00	20.07 0.49 0.00	24.11 0.40 0.00	25.83 0.64 0.00	26.57 0.95 0.00	25.02 0.91 0.00	24.77 1.03 0.00	26.89 1.35 0.00	30.50 1.87 0.00	30.23 2.14 -1.28	31.90 2.38 -1.48	29.04 2.09 0.00	32.41 2.44 0.00	36.73 2.91 0.00	42.34 3.04 0.00	43.97 3.44 0.00	45.71 2.83 0.00	42.87 2.40 0.00	42.84 2.59 0.00	34.57 1.97 0.00	29.82 1.71 0.00
LISF__SOLAR 323691	22.20 0.79 0.00	22.67 0.70 0.00	20.91 0.47 0.00	19.23 0.68 0.00	20.10 0.52 0.00	24.16 0.44 0.00	25.88 0.68 0.00	26.61 0.99 0.00	25.06 0.95 0.00	24.80 1.06 0.00	26.90 1.37 0.00	30.51 1.89 0.00	30.23 2.15 -1.28	31.92 2.40 -1.48	29.07 2.12 0.00	32.44 2.48 0.00	36.81 2.99 0.00	42.44 3.13 0.00	44.09 3.57 0.00	45.84 2.96 0.00	42.99 2.52 0.00	42.95 2.70 0.00	34.64 2.04 0.00	29.88 1.77 0.00

LITTLE FALLS___HYD 24013	21.15 -0.25 0.00	21.68 -0.29 0.00	20.24 -0.20 0.00	18.41 -0.14 0.00	19.44 -0.15 0.00	23.39 -0.32 0.00	24.86 -0.34 0.00	25.23 -0.39 0.00	23.38 -0.73 0.00	22.91 -0.83 0.00	24.56 -0.98 0.00	27.61 -1.02 0.00	26.03 -0.78 0.00	27.38 -0.66 0.00	26.31 -0.64 0.00	29.40 -0.57 0.00	33.23 -0.59 0.00	38.93 -0.37 0.00	40.59 0.06 0.00	42.98 0.10 0.00	40.77 0.29 0.00	40.65 0.40 0.00	32.82 0.22 0.00	28.18 0.07 0.00
LITTLRIV_115KV_TB1 356100	21.36 -0.04 0.00	21.99 0.01 0.00	20.38 -0.07 0.00	18.47 -0.08 0.00	19.50 -0.09 0.00	23.75 0.04 0.00	25.31 0.12 0.00	25.46 -0.16 0.00	23.89 -0.22 0.00	23.34 -0.40 0.00	25.07 -0.46 0.00	27.91 -0.72 0.00	25.94 -0.87 0.00	26.94 -1.10 0.00	26.11 -0.84 0.00	28.96 -1.01 0.00	32.74 -1.08 0.00	38.19 -1.11 0.00	39.53 -1.00 0.00	42.49 -0.39 0.00	40.19 -0.29 0.00	39.92 -0.33 0.00	32.30 -0.30 0.00	27.88 -0.23 0.00
LI_NEWBRDGE___DRP 323616	22.26 0.86 0.00	22.73 0.76 0.00	21.01 0.57 0.00	19.21 0.66 0.00	20.16 0.58 0.00	24.24 0.53 0.00	25.95 0.75 0.00	26.66 1.03 0.00	25.08 0.98 0.00	24.84 1.11 0.00	27.02 1.48 0.00	30.60 1.97 0.00	30.23 2.14 -1.28	31.86 2.34 -1.48	29.00 2.05 0.00	32.31 2.34 0.00	36.47 2.65 0.00	42.15 2.84 0.00	43.61 3.09 0.00	45.45 2.57 0.00	42.72 2.25 0.00	42.68 2.43 0.00	34.54 1.94 0.00	29.77 1.66 0.00
LOCKPORT_115KV_TB60_63_64 80432	20.43 -0.97 0.00	21.24 -0.73 0.00	19.66 -0.78 0.00	17.69 -0.87 0.00	18.82 -0.76 0.00	23.24 -0.47 0.00	24.71 -0.49 0.00	25.30 -0.33 0.00	23.98 -0.12 0.00	23.67 -0.06 0.00	25.77 0.23 0.00	29.47 0.92 0.08	27.36 0.77 0.22	28.49 0.48 0.04	26.51 -0.23 0.21	29.49 0.02 0.49	32.85 -0.25 0.72	38.36 0.19 1.13	39.55 0.02 1.00	41.63 -0.37 0.89	39.77 -0.71 0.00	39.59 -0.66 0.00	32.32 -0.28 0.00	27.83 -0.28 0.00
LOCKPORT___CC1 323769	20.41 -0.99 0.00	21.23 -0.75 0.00	19.65 -0.80 0.00	17.67 -0.88 0.00	18.80 -0.78 0.00	23.22 -0.49 0.00	24.69 -0.51 0.00	25.28 -0.35 0.00	23.96 -0.15 0.00	23.66 -0.08 0.00	25.74 0.21 0.00	29.38 0.88 0.13	27.16 0.74 0.39	28.44 0.45 0.06	26.35 -0.24 0.36	29.11 -0.01 0.85	32.30 -0.28 1.25	37.50 0.15 1.96	38.77 -0.03 1.72	40.92 -0.42 1.53	39.70 -0.77 0.00	39.53 -0.72 0.00	32.28 -0.32 0.00	27.79 -0.32 0.00
LOCKPORT___CC2 323770	20.41 -0.99 0.00	21.23 -0.75 0.00	19.65 -0.80 0.00	17.67 -0.88 0.00	18.80 -0.78 0.00	23.22 -0.49 0.00	24.69 -0.51 0.00	25.28 -0.35 0.00	23.96 -0.15 0.00	23.66 -0.08 0.00	25.74 0.21 0.00	29.38 0.88 0.13	27.16 0.74 0.39	28.44 0.45 0.06	26.35 -0.24 0.36	29.11 -0.01 0.85	32.30 -0.28 1.25	37.50 0.15 1.96	38.77 -0.03 1.72	40.92 -0.42 1.53	39.70 -0.77 0.00	39.53 -0.72 0.00	32.28 -0.32 0.00	27.79 -0.32 0.00
LOCKPORT___CC3 323771	20.41 -0.99 0.00	21.23 -0.75 0.00	19.65 -0.80 0.00	17.67 -0.88 0.00	18.80 -0.78 0.00	23.22 -0.49 0.00	24.69 -0.51 0.00	25.28 -0.35 0.00	23.96 -0.15 0.00	23.66 -0.08 0.00	25.74 0.21 0.00	29.38 0.88 0.13	27.16 0.74 0.39	28.44 0.45 0.06	26.35 -0.24 0.36	29.11 -0.01 0.85	32.30 -0.28 1.25	37.50 0.15 1.96	38.77 -0.03 1.72	40.92 -0.42 1.53	39.70 -0.77 0.00	39.53 -0.72 0.00	32.28 -0.32 0.00	27.79 -0.32 0.00
LONG_LAKE_PHOENIX 24014	21.07 -0.34 0.00	21.64 -0.33 0.00	20.11 -0.33 0.00	18.24 -0.32 0.00	19.29 -0.30 0.00	23.36 -0.35 0.00	24.78 -0.42 0.00	25.24 -0.39 0.00	23.73 -0.38 0.00	23.36 -0.39 0.00	25.09 -0.44 0.00	28.28 -0.35 0.00	26.52 -0.29 0.00	27.76 -0.28 0.00	26.59 -0.37 0.00	29.63 -0.33 0.00	33.45 -0.38 0.00	39.00 -0.30 0.00	40.32 -0.20 0.00	42.57 -0.31 0.00	40.13 -0.34 0.00	39.84 -0.40 0.00	32.21 -0.39 0.00	27.73 -0.38 0.00
LOVETT___3 23632	22.11 0.71 0.00	22.54 0.56 0.00	20.92 0.48 0.00	19.01 0.46 0.00	20.01 0.43 0.00	24.18 0.47 0.00	25.89 0.69 0.00	26.54 0.91 0.00	25.04 0.93 0.00	24.79 1.05 0.00	26.78 1.24 0.00	30.24 1.61 0.00	28.51 1.70 0.00	29.94 1.90 0.00	28.69 1.73 0.00	31.99 2.02 0.00	36.05 2.23 0.00	41.78 2.48 0.00	43.12 2.59 0.00	45.09 2.21 0.00	42.47 1.99 0.00	42.23 1.98 0.00	34.20 1.59 0.00	29.41 1.30 0.00
LOVETT___4 23642	22.11 0.71 0.00	22.54 0.56 0.00	20.92 0.48 0.00	19.01 0.46 0.00	20.01 0.43 0.00	24.18 0.47 0.00	25.89 0.69 0.00	26.54 0.91 0.00	25.04 0.93 0.00	24.79 1.05 0.00	26.78 1.24 0.00	30.24 1.61 0.00	28.51 1.70 0.00	29.94 1.90 0.00	28.69 1.73 0.00	31.99 2.02 0.00	36.05 2.23 0.00	41.78 2.48 0.00	43.12 2.59 0.00	45.09 2.21 0.00	42.47 1.99 0.00	42.23 1.98 0.00	34.20 1.59 0.00	29.41 1.30 0.00
LOVETT___5 23593	22.11 0.71 0.00	22.54 0.56 0.00	20.92 0.48 0.00	19.01 0.46 0.00	20.01 0.43 0.00	24.18 0.47 0.00	25.89 0.69 0.00	26.54 0.91 0.00	25.04 0.93 0.00	24.79 1.05 0.00	26.78 1.24 0.00	30.24 1.61 0.00	28.51 1.70 0.00	29.94 1.90 0.00	28.69 1.73 0.00	31.99 2.02 0.00	36.05 2.23 0.00	41.78 2.48 0.00	43.12 2.59 0.00	45.09 2.21 0.00	42.47 1.99 0.00	42.23 1.98 0.00	34.20 1.59 0.00	29.41 1.30 0.00
LOWER RAQUET___HYD 24057	20.99 -0.42 0.00	21.61 -0.36 0.00	20.02 -0.42 0.00	18.16 -0.39 0.00	19.16 -0.42 0.00	23.32 -0.39 0.00	24.84 -0.36 0.00	25.00 -0.62 0.00	23.51 -0.60 0.00	23.02 -0.72 0.00	24.75 -0.79 0.00	27.58 -1.05 0.00	25.64 -1.18 0.00	26.62 -1.42 0.00	25.77 -1.18 0.00	28.61 -1.36 0.00	32.33 -1.49 0.00	37.71 -1.59 0.00	38.96 -1.56 0.00	41.68 -1.19 0.00	39.34 -1.13 0.00	39.07 -1.18 0.00	31.65 -0.96 0.00	27.34 -0.77 0.00
LOWER___HUDSON 24059	21.94 0.54 0.00	22.53 0.55 0.00	21.03 0.59 0.00	19.11 0.55 0.00	20.17 0.59 0.00	24.32 0.61 0.00	25.84 0.64 0.00	26.38 0.76 0.00	24.69 0.58 0.00	24.24 0.50 0.00	25.97 0.43 0.00	29.12 0.49 0.00	27.30 0.49 0.00	28.64 0.59 0.00	27.47 0.52 0.00	30.55 0.58 0.00	34.68 0.86 0.00	40.18 0.88 0.00	41.77 1.24 0.00	44.17 1.29 0.00	42.04 1.57 0.00	41.81 1.56 0.00	33.82 1.22 0.00	29.15 1.04 0.00
LOWVILLE_115KV_TB2 356335	21.47 0.06 0.00	22.02 0.05 0.00	20.44 0.00 0.00	18.56 0.01 0.00	19.61 0.03 0.00	23.76 0.05 0.00	25.28 0.09 0.00	25.19 -0.44 0.00	23.67 -0.44 0.00	23.24 -0.50 0.00	24.76 -0.78 0.00	27.70 -0.93 0.00	25.81 -1.01 0.00	26.89 -1.16 0.00	25.91 -1.05 0.00	28.94 -1.02 0.00	32.89 -0.93 0.00	38.80 -0.50 0.00	40.54 0.01 0.00	43.08 0.20 0.00	40.55 0.08 0.00	39.89 -0.36 0.00	32.18 -0.43 0.00	27.85 -0.26 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.34 0.94 0.00	22.93 0.95 0.00	21.37 0.93 0.00	19.40 0.85 0.00	20.49 0.91 0.00	24.75 1.04 0.00	26.35 1.15 0.00	26.91 1.28 0.00	25.17 1.06 0.00	24.64 0.90 0.00	26.34 0.80 0.00	29.59 0.96 0.00	27.71 0.90 0.00	29.11 1.07 0.00	27.93 0.97 0.00	31.18 1.21 0.00	35.50 1.68 0.00	41.28 1.98 0.00	43.10 2.57 0.00	45.58 2.70 0.00	43.36 2.88 0.00	43.04 2.78 0.00	34.75 2.15 0.00	29.87 1.76 0.00

LUTHERNY_35_KV_BK2 355980	22.34 0.94 0.00	22.92 0.94 0.00	21.36 0.92 0.00	19.39 0.83 0.00	20.48 0.90 0.00	24.74 1.03 0.00	26.34 1.15 0.00	26.90 1.28 0.00	25.17 1.06 0.00	24.63 0.89 0.00	26.35 0.82 0.00	29.64 1.01 0.00	27.72 0.91 0.00	29.12 1.08 0.00	27.93 0.98 0.00	31.19 1.22 0.00	35.53 1.71 0.00	41.33 2.02 0.00	43.12 2.59 0.00	45.60 2.73 0.00	43.39 2.91 0.00	43.07 2.82 0.00	34.77 2.16 0.00	29.87 1.76 0.00
LWR___OSWEGATCHIE_HYD 23850	21.01 -0.39 0.00	21.59 -0.39 0.00	19.98 -0.47 0.00	18.18 -0.37 0.00	19.19 -0.39 0.00	23.25 -0.46 0.00	24.81 -0.39 0.00	24.85 -0.77 0.00	23.30 -0.81 0.00	22.84 -0.90 0.00	24.43 -1.10 0.00	27.28 -1.36 0.00	25.39 -1.42 0.00	26.42 -1.62 0.00	25.50 -1.45 0.00	28.40 -1.57 0.00	32.21 -1.61 0.00	37.74 -1.57 0.00	39.21 -1.31 0.00	41.83 -1.05 0.00	39.44 -1.04 0.00	38.98 -1.27 0.00	31.51 -1.10 0.00	27.23 -0.89 0.00
LYONS_FALL_HYD 23570	21.59 0.19 0.00	22.15 0.18 0.00	20.59 0.14 0.00	18.68 0.13 0.00	19.74 0.16 0.00	23.92 0.20 0.00	25.46 0.26 0.00	25.70 0.08 0.00	24.16 0.05 0.00	23.79 0.05 0.00	25.41 -0.12 0.00	28.48 -0.15 0.00	26.64 -0.17 0.00	27.85 -0.20 0.00	26.80 -0.15 0.00	29.87 -0.09 0.00	33.86 0.05 0.00	39.56 0.25 0.00	41.04 0.50 0.00	43.52 0.64 0.00	41.01 0.54 0.00	40.49 0.24 0.00	32.68 0.08 0.00	28.21 0.10 0.00
MADISON___COUNTY_LFGE 323628	21.84 0.43 0.00	22.40 0.42 0.00	20.83 0.39 0.00	18.89 0.34 0.00	19.97 0.39 0.00	24.21 0.50 0.00	25.78 0.58 0.00	26.23 0.61 0.00	24.63 0.52 0.00	24.31 0.57 0.00	25.97 0.43 0.00	29.19 0.56 0.00	27.39 0.58 0.00	28.71 0.66 0.00	27.56 0.61 0.00	30.71 0.74 0.00	34.71 0.89 0.00	40.46 1.16 0.00	41.89 1.36 0.00	44.32 1.45 0.00	41.84 1.37 0.00	41.49 1.24 0.00	33.51 0.91 0.00	28.83 0.71 0.00
MALONE___115KV_TB1 356076	21.61 0.21 0.00	22.28 0.31 0.00	20.61 0.16 0.00	18.67 0.12 0.00	19.70 0.12 0.00	23.98 0.27 0.00	25.56 0.37 0.00	25.90 0.28 0.00	24.36 0.25 0.00	23.81 0.07 0.00	25.57 0.04 0.00	28.61 -0.02 0.00	26.58 -0.23 0.00	27.57 -0.48 0.00	26.51 -0.44 0.00	29.45 -0.51 0.00	33.38 -0.45 0.00	38.93 -0.37 0.00	40.41 -0.12 0.00	43.12 0.24 0.00	40.56 0.09 0.00	40.31 0.05 0.00	32.77 0.16 0.00	28.28 0.17 0.00
MAPLEWOD_115KV_TB3 80458	21.82 0.42 0.00	22.39 0.41 0.00	20.94 0.50 0.00	19.03 0.48 0.00	20.08 0.50 0.00	24.20 0.49 0.00	25.73 0.54 0.00	26.29 0.66 0.00	24.57 0.45 0.00	24.16 0.42 0.00	25.89 0.35 0.00	29.01 0.38 0.00	27.24 0.43 0.00	28.59 0.54 0.00	27.45 0.50 0.00	30.52 0.56 0.00	34.61 0.79 0.00	40.12 0.82 0.00	41.63 1.10 0.00	43.94 1.06 0.00	41.70 1.23 0.00	41.45 1.20 0.00	33.53 0.92 0.00	28.88 0.77 0.00
MAPLE_RIDGE_WT_1 323574	21.33 -0.06 0.00	21.95 -0.03 0.00	20.40 -0.04 0.00	18.50 -0.05 0.00	19.52 -0.06 0.00	23.72 0.01 0.00	25.17 -0.03 0.00	25.41 -0.22 0.00	23.97 -0.14 0.00	23.59 -0.15 0.00	25.40 -0.14 0.00	28.37 -0.26 0.00	26.45 -0.37 0.00	27.56 -0.48 0.00	26.59 -0.36 0.00	29.51 -0.46 0.00	33.30 -0.52 0.00	38.73 -0.57 0.00	39.89 -0.64 0.00	42.33 -0.54 0.00	39.88 -0.60 0.00	39.54 -0.72 0.00	31.96 -0.64 0.00	27.65 -0.46 0.00
MAPLE_RIDGE_WT_2 323611	21.33 -0.06 0.00	21.95 -0.03 0.00	20.40 -0.04 0.00	18.50 -0.05 0.00	19.52 -0.06 0.00	23.72 0.01 0.00	25.17 -0.03 0.00	25.41 -0.22 0.00	23.97 -0.14 0.00	23.59 -0.15 0.00	25.40 -0.14 0.00	28.37 -0.26 0.00	26.45 -0.37 0.00	27.56 -0.48 0.00	26.59 -0.36 0.00	29.51 -0.46 0.00	33.30 -0.52 0.00	38.73 -0.57 0.00	39.89 -0.64 0.00	42.33 -0.54 0.00	39.88 -0.60 0.00	39.54 -0.72 0.00	31.96 -0.64 0.00	27.65 -0.46 0.00
MARBLE_RIVER_WT_PWR 323696	21.71 0.31 0.00	22.38 0.41 0.00	20.72 0.27 0.00	18.78 0.23 0.00	19.82 0.24 0.00	24.08 0.37 0.00	25.65 0.45 0.00	26.05 0.43 0.00	24.48 0.37 0.00	23.93 0.19 0.00	25.66 0.12 0.00	28.74 0.11 0.00	26.69 -0.12 0.00	27.69 -0.36 0.00	26.53 -0.43 0.00	29.48 -0.49 0.00	33.48 -0.34 0.00	38.96 -0.34 0.00	40.47 -0.06 0.00	43.15 0.27 0.00	40.53 0.06 0.00	40.25 0.00 0.00	32.86 0.26 0.00	28.41 0.29 0.00
MARSHVLE_115KV_TB1 80742	22.61 1.21 0.00	23.19 1.21 0.00	21.49 1.05 0.00	19.49 0.94 0.00	20.58 1.00 0.00	25.03 1.32 0.00	26.65 1.46 0.00	26.81 1.19 0.00	25.06 0.95 0.00	24.60 0.85 0.00	26.54 1.01 0.00	29.90 1.27 0.00	28.11 1.30 0.00	29.36 1.31 0.00	28.30 1.35 0.00	31.60 1.63 0.00	35.54 1.72 0.00	41.68 2.38 0.00	43.05 2.52 0.00	45.71 2.83 0.00	43.11 2.63 0.00	43.03 2.78 0.00	34.78 2.17 0.00	29.86 1.75 0.00
MARSH_HILL_WT_PWR 323713	21.75 0.35 0.00	22.33 0.35 0.00	20.79 0.34 0.00	18.43 -0.12 0.00	19.75 0.17 0.00	24.60 0.89 0.00	26.18 0.99 0.00	26.94 1.32 0.00	25.68 1.57 0.00	25.34 1.60 0.00	27.22 1.69 0.00	31.31 2.55 -0.13	29.40 2.23 -0.36	30.30 2.19 -0.06	29.09 1.79 -0.34	32.80 2.03 -0.80	36.56 1.56 -1.17	43.41 2.27 -1.84	44.61 2.47 -1.62	46.99 2.67 -1.44	42.80 2.32 0.00	43.01 2.77 0.00	34.87 2.27 0.00	29.87 1.76 0.00
MCINTYRE_115KV_TB2 80467	21.64 0.24 0.00	22.29 0.32 0.00	20.66 0.22 0.00	18.72 0.17 0.00	19.77 0.18 0.00	24.09 0.38 0.00	25.67 0.47 0.00	25.81 0.18 0.00	24.18 0.06 0.00	23.58 -0.16 0.00	25.33 -0.20 0.00	28.20 -0.44 0.00	26.19 -0.62 0.00	27.20 -0.84 0.00	26.38 -0.57 0.00	29.24 -0.72 0.00	33.04 -0.78 0.00	38.51 -0.79 0.00	39.86 -0.66 0.00	43.00 0.12 0.00	40.76 0.28 0.00	40.51 0.26 0.00	32.77 0.16 0.00	28.28 0.16 0.00
MECO_____69_KV_BK1 80468	23.34 1.94 0.00	23.91 1.93 0.00	22.15 1.71 0.00	20.12 1.57 0.00	21.30 1.72 0.00	25.82 2.11 0.00	27.43 2.24 0.00	26.81 1.19 0.00	23.95 -0.16 0.00	22.98 -0.76 0.00	24.59 -0.95 0.00	27.67 -0.96 0.00	26.80 -0.01 0.00	27.69 -0.36 0.00	26.89 -0.07 0.00	30.05 0.08 0.00	34.55 0.73 0.00	42.90 3.59 0.00	44.80 4.28 0.00	48.24 5.37 0.00	45.61 5.13 0.00	45.29 5.04 0.00	36.34 3.74 0.00	31.09 2.98 0.00
MENANDS___115KV_TB5 355628	21.70 0.30 0.00	22.27 0.29 0.00	20.86 0.42 0.00	18.96 0.41 0.00	20.01 0.42 0.00	24.09 0.38 0.00	25.62 0.42 0.00	26.16 0.54 0.00	24.42 0.31 0.00	24.04 0.29 0.00	25.75 0.22 0.00	28.86 0.23 0.00	27.10 0.29 0.00	28.43 0.38 0.00	27.30 0.34 0.00	30.34 0.38 0.00	34.39 0.57 0.00	39.83 0.53 0.00	41.31 0.78 0.00	43.60 0.72 0.00	41.37 0.89 0.00	41.13 0.88 0.00	33.29 0.68 0.00	28.69 0.58 0.00
MG INDUSTRY___DRP 24185	21.77 0.37 0.00	22.34 0.37 0.00	20.91 0.46 0.00	19.00 0.45 0.00	20.06 0.47 0.00	24.18 0.47 0.00	25.70 0.50 0.00	26.12 0.50 0.00	24.34 0.23 0.00	23.91 0.17 0.00	25.62 0.08 0.00	28.81 0.18 0.00	27.04 0.23 0.00	28.36 0.31 0.00	27.23 0.28 0.00	30.19 0.22 0.00	34.19 0.37 0.00	39.69 0.39 0.00	41.28 0.75 0.00	43.64 0.76 0.00	41.38 0.91 0.00	41.17 0.92 0.00	33.33 0.73 0.00	28.74 0.63 0.00

MID___OSWEGATCHIE_HYD 23849	21.01 -0.39 0.00	21.59 -0.39 0.00	19.98 -0.47 0.00	18.18 -0.37 0.00	19.19 -0.39 0.00	23.25 -0.46 0.00	24.81 -0.39 0.00	24.85 -0.77 0.00	23.30 -0.81 0.00	22.84 -0.90 0.00	24.43 -1.10 0.00	27.28 -1.36 0.00	25.39 -1.42 0.00	26.42 -1.62 0.00	25.50 -1.45 0.00	28.40 -1.57 0.00	32.21 -1.61 0.00	37.74 -1.57 0.00	39.21 -1.31 0.00	41.83 -1.05 0.00	39.44 -1.04 0.00	38.98 -1.27 0.00	31.51 -1.10 0.00	27.23 -0.89 0.00
MID___RAQUETTE_HYD 23851	20.99 -0.42 0.00	21.61 -0.36 0.00	20.02 -0.42 0.00	18.16 -0.39 0.00	19.17 -0.42 0.00	23.32 -0.39 0.00	24.84 -0.36 0.00	25.00 -0.62 0.00	23.51 -0.60 0.00	23.02 -0.72 0.00	24.75 -0.79 0.00	27.57 -1.06 0.00	25.63 -1.18 0.00	26.62 -1.42 0.00	25.77 -1.18 0.00	28.60 -1.36 0.00	32.33 -1.49 0.00	37.71 -1.59 0.00	38.96 -1.56 0.00	41.68 -1.19 0.00	39.34 -1.13 0.00	39.08 -1.18 0.00	31.65 -0.96 0.00	27.34 -0.77 0.00
MILLIKEN___1 23584	21.65 0.25 0.00	22.24 0.26 0.00	20.69 0.24 0.00	18.74 0.19 0.00	19.83 0.24 0.00	24.09 0.38 0.00	25.64 0.45 0.00	26.14 0.52 0.00	24.64 0.53 0.00	24.19 0.45 0.00	26.00 0.46 0.00	29.28 0.65 0.00	27.50 0.69 0.00	28.75 0.70 0.00	27.46 0.51 0.00	30.61 0.64 0.00	34.52 0.69 0.00	40.33 1.03 0.00	41.86 1.34 0.00	44.27 1.39 0.00	41.70 1.22 0.00	41.36 1.11 0.00	33.39 0.79 0.00	28.70 0.59 0.00
MILLIKEN___2 23585	21.65 0.25 0.00	22.24 0.26 0.00	20.69 0.24 0.00	18.74 0.19 0.00	19.83 0.24 0.00	24.09 0.38 0.00	25.64 0.45 0.00	26.14 0.52 0.00	24.64 0.53 0.00	24.19 0.45 0.00	26.00 0.46 0.00	29.28 0.65 0.00	27.50 0.69 0.00	28.75 0.70 0.00	27.46 0.51 0.00	30.61 0.64 0.00	34.52 0.69 0.00	40.33 1.03 0.00	41.86 1.34 0.00	44.27 1.39 0.00	41.70 1.22 0.00	41.36 1.11 0.00	33.39 0.79 0.00	28.70 0.59 0.00
MILLIKEN___DIESEL 23629	21.65 0.25 0.00	22.24 0.26 0.00	20.69 0.24 0.00	18.74 0.19 0.00	19.83 0.24 0.00	24.09 0.38 0.00	25.64 0.45 0.00	26.14 0.52 0.00	24.64 0.53 0.00	24.19 0.45 0.00	26.00 0.46 0.00	29.28 0.65 0.00	27.50 0.69 0.00	28.75 0.70 0.00	27.46 0.51 0.00	30.61 0.64 0.00	34.52 0.69 0.00	40.33 1.03 0.00	41.86 1.34 0.00	44.27 1.39 0.00	41.70 1.22 0.00	41.36 1.11 0.00	33.39 0.79 0.00	28.70 0.59 0.00
MILLSEAT___LFGE 323607	20.88 -0.52 0.00	21.68 -0.30 0.00	20.06 -0.39 0.00	18.05 -0.50 0.00	19.20 -0.39 0.00	23.68 -0.03 0.00	25.20 0.00 0.00	25.81 0.19 0.00	24.40 0.29 0.00	24.04 0.30 0.00	26.12 0.58 0.00	29.86 1.30 0.07	27.82 1.21 0.19	29.00 0.98 0.03	27.07 0.30 0.18	30.11 0.57 0.43	33.64 0.45 0.63	39.37 1.05 0.99	40.67 1.01 0.87	42.86 0.75 0.77	40.83 0.35 0.00	40.59 0.34 0.00	33.05 0.44 0.00	28.39 0.28 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.18 0.77 0.00	22.62 0.64 0.00	20.99 0.55 0.00	19.09 0.54 0.00	20.09 0.51 0.00	24.26 0.54 0.00	25.96 0.76 0.00	26.62 0.99 0.00	25.11 1.00 0.00	24.85 1.11 0.00	26.84 1.30 0.00	30.29 1.66 0.00	28.55 1.74 0.00	29.98 1.94 0.00	28.72 1.77 0.00	32.02 2.05 0.00	36.11 2.29 0.00	41.82 2.52 0.00	43.17 2.64 0.00	45.16 2.28 0.00	42.55 2.08 0.00	42.36 2.10 0.00	34.30 1.70 0.00	29.51 1.40 0.00
MILLWOOD_13_KV_LOAD 356217	22.23 0.83 0.00	22.67 0.69 0.00	21.04 0.60 0.00	19.13 0.58 0.00	20.13 0.55 0.00	24.31 0.60 0.00	26.02 0.83 0.00	26.68 1.05 0.00	25.18 1.07 0.00	24.92 1.18 0.00	26.91 1.38 0.00	30.39 1.76 0.00	28.65 1.84 0.00	30.08 2.04 0.00	28.82 1.86 0.00	32.12 2.16 0.00	36.24 2.42 0.00	41.98 2.68 0.00	43.33 2.80 0.00	45.33 2.45 0.00	42.69 2.22 0.00	42.48 2.23 0.00	34.40 1.80 0.00	29.58 1.47 0.00
MODEL_CITY_ENERGY 24167	20.21 -1.19 0.00	21.03 -0.94 0.00	19.47 -0.98 0.00	17.51 -1.04 0.00	18.64 -0.95 0.00	23.01 -0.70 0.00	24.45 -0.74 0.00	25.04 -0.58 0.00	23.73 -0.38 0.00	23.43 -0.31 0.00	25.53 0.00 0.05	29.21 0.63 0.15	27.16 0.51 0.15	28.18 0.16 0.02	26.27 -0.53 0.15	29.27 -0.35 0.34	32.67 -0.65 0.50	38.23 -0.29 0.79	39.33 -0.51 0.69	41.33 -0.93 0.61	39.24 -1.23 0.00	39.09 -1.16 0.00	31.94 -0.66 0.00	27.53 -0.58 0.00
MODERN_LFGE___ 323580	20.21 -1.19 0.00	21.03 -0.94 0.00	19.47 -0.98 0.00	17.51 -1.04 0.00	18.64 -0.95 0.00	23.01 -0.70 0.00	24.45 -0.74 0.00	25.04 -0.58 0.00	23.73 -0.38 0.00	23.43 -0.31 0.00	25.53 0.00 0.05	29.21 0.63 0.15	27.16 0.51 0.15	28.18 0.16 0.02	26.27 -0.53 0.15	29.27 -0.35 0.34	32.67 -0.65 0.50	38.23 -0.29 0.79	39.33 -0.51 0.69	41.33 -0.93 0.61	39.24 -1.23 0.00	39.09 -1.16 0.00	31.94 -0.66 0.00	27.53 -0.58 0.00
MOHAWK_PAPER___DRP 24187	21.82 0.42 0.00	22.39 0.41 0.00	20.94 0.50 0.00	19.03 0.48 0.00	20.08 0.50 0.00	24.20 0.49 0.00	25.73 0.54 0.00	26.29 0.66 0.00	24.57 0.45 0.00	24.16 0.42 0.00	25.89 0.35 0.00	29.01 0.38 0.00	27.24 0.43 0.00	28.59 0.54 0.00	27.45 0.50 0.00	30.52 0.56 0.00	34.61 0.79 0.00	40.12 0.82 0.00	41.63 1.10 0.00	43.94 1.06 0.00	41.70 1.23 0.00	41.45 1.20 0.00	33.53 0.92 0.00	28.88 0.77 0.00
MOHICAN___35_KV_115KV_LD 80490	22.49 1.08 0.00	23.10 1.12 0.00	21.52 1.07 0.00	19.52 0.97 0.00	20.63 1.04 0.00	24.95 1.24 0.00	26.59 1.39 0.00	27.18 1.56 0.00	25.39 1.28 0.00	24.78 1.04 0.00	26.38 0.84 0.00	29.59 0.96 0.00	27.67 0.86 0.00	29.11 1.06 0.00	27.95 1.00 0.00	31.30 1.33 0.00	35.75 1.92 0.00	41.57 2.27 0.00	44.17 3.65 0.00	46.73 3.85 0.00	44.53 4.06 0.00	43.83 3.57 0.00	35.36 2.76 0.00	30.36 2.24 0.00
MONGAUP___HYD 23641	22.19 0.79 0.00	22.65 0.67 0.00	21.03 0.58 0.00	19.10 0.54 0.00	20.12 0.54 0.00	24.33 0.62 0.00	26.01 0.82 0.00	26.60 0.98 0.00	24.97 0.86 0.00	24.54 0.80 0.00	26.43 0.89 0.00	29.78 1.14 0.00	27.98 1.17 0.00	29.43 1.38 0.00	28.25 1.30 0.00	31.56 1.59 0.00	35.60 1.78 0.00	41.48 2.18 0.00	42.96 2.43 0.00	45.22 2.35 0.00	42.70 2.23 0.00	42.44 2.19 0.00	34.38 1.78 0.00	29.53 1.42 0.00
MONTAUK___DIESEL 23721	22.57 1.16 0.00	23.00 1.03 0.00	21.33 0.88 0.00	19.62 1.06 0.00	20.55 0.96 0.00	24.83 1.12 0.00	26.71 1.52 0.00	27.54 1.92 0.00	26.04 1.93 0.00	25.84 2.11 0.00	28.14 2.60 0.00	32.01 3.38 -1.28	31.70 3.61 -1.48	33.51 3.98 0.00	30.42 3.47 0.00	33.77 3.81 0.00	38.35 4.52 0.00	44.22 4.92 0.00	45.70 5.17 0.00	47.26 4.39 0.00	44.30 3.83 0.00	44.29 4.04 0.00	35.70 3.11 0.00	30.77 2.66 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.14 -0.26 0.00	21.95 -0.03 0.00	20.39 -0.05 0.00	18.37 -0.18 0.00	19.57 -0.02 0.00	24.17 0.46 0.00	25.72 0.52 0.00	26.34 0.72 0.00	25.14 1.03 0.00	24.85 1.11 0.00	26.91 1.37 0.00	31.17 2.26 -0.29	29.61 1.97 -0.83	30.07 1.89 -0.13	28.93 1.20 -0.78	33.37 1.59 -1.82	37.83 1.33 -2.68	45.55 2.05 -4.20	46.12 1.91 -3.68	47.84 1.69 -3.28	41.50 1.03 0.00	41.46 1.21 0.00	33.64 1.04 0.00	28.81 0.70 0.00

MORRIS_RIDGE___SOLAR 323848	20.85 -0.55 0.00	21.58 -0.40 0.00	20.00 -0.45 0.00	18.03 -0.52 0.00	19.16 -0.42 0.00	23.54 -0.17 0.00	25.04 -0.16 0.00	25.45 -0.17 0.00	24.20 0.09 0.00	23.89 0.15 0.00	25.84 0.30 0.00	29.72 1.00 -0.10	27.92 0.83 -0.28	28.77 0.68 -0.04	27.38 0.17 -0.26	30.92 0.34 -0.62	34.69 -0.04 -0.91	41.14 0.41 -1.42	42.04 0.27 -1.25	44.08 0.09 -1.11	40.11 -0.36 0.00	40.16 -0.09 0.00	32.65 0.05 0.00	28.00 -0.11 0.00
MORTIMER_115KV_TB3 55949	20.96 -0.44 0.00	21.67 -0.31 0.00	20.08 -0.37 0.00	18.13 -0.42 0.00	19.23 -0.35 0.00	23.57 -0.14 0.00	25.03 -0.16 0.00	25.56 -0.06 0.00	24.14 0.03 0.00	23.83 0.09 0.00	25.81 0.27 0.00	29.39 0.76 0.00	27.51 0.70 0.00	28.66 0.62 0.00	27.15 0.20 0.00	30.37 0.40 0.00	34.14 0.32 0.00	40.00 0.70 0.00	41.21 0.69 0.00	43.30 0.42 0.00	40.60 0.12 0.00	40.33 0.08 0.00	32.72 0.12 0.00	28.11 0.00 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.32 0.92 0.00	22.75 0.77 0.00	21.12 0.67 0.00	19.21 0.65 0.00	20.20 0.62 0.00	24.38 0.67 0.00	26.12 0.92 0.00	26.79 1.16 0.00	25.31 1.20 0.00	25.07 1.33 0.00	27.08 1.54 0.00	30.58 1.95 0.00	28.83 2.02 0.00	30.28 2.24 0.00	29.00 2.05 0.00	32.32 2.36 0.00	36.43 2.60 0.00	42.16 2.86 0.00	43.49 2.96 0.00	45.46 2.58 0.00	42.82 2.34 0.00	42.65 2.40 0.00	34.58 1.98 0.00	29.72 1.61 0.00
MUNSVILLE_WIND_PWR 323609	22.69 1.29 0.00	23.27 1.29 0.00	21.59 1.15 0.00	19.56 1.00 0.00	20.75 1.16 0.00	25.23 1.52 0.00	27.02 1.82 0.00	27.58 1.95 0.00	25.86 1.75 0.00	25.21 1.47 0.00	27.08 1.54 0.00	30.40 1.77 0.00	28.58 1.77 0.00	29.95 1.91 0.00	28.53 1.58 0.00	31.70 1.73 0.00	35.76 1.94 0.00	42.05 2.75 0.00	44.15 3.63 0.00	46.89 4.01 0.00	44.15 3.67 0.00	43.74 3.49 0.00	35.18 2.58 0.00	30.16 2.05 0.00
N SALMON___HYD 24042	21.61 0.21 0.00	22.28 0.31 0.00	20.61 0.16 0.00	18.67 0.12 0.00	19.70 0.12 0.00	23.98 0.27 0.00	25.56 0.37 0.00	25.90 0.28 0.00	24.36 0.25 0.00	23.81 0.07 0.00	25.57 0.04 0.00	28.61 -0.02 0.00	26.58 -0.23 0.00	27.57 -0.48 0.00	26.51 -0.44 0.00	29.45 -0.51 0.00	33.38 -0.44 0.00	38.93 -0.37 0.00	40.41 -0.12 0.00	43.12 0.25 0.00	40.56 0.09 0.00	40.31 0.05 0.00	32.77 0.16 0.00	28.28 0.17 0.00
N.AKRON__115KV_KNAPP 355671	20.79 -0.61 0.00	21.59 -0.39 0.00	19.97 -0.47 0.00	17.97 -0.58 0.00	19.12 -0.46 0.00	23.60 -0.11 0.00	25.11 -0.09 0.00	25.71 0.09 0.00	24.34 0.23 0.00	24.01 0.27 0.00	26.11 0.57 0.00	29.86 1.30 0.07	27.77 1.17 0.21	28.93 0.92 0.03	26.98 0.22 0.19	30.04 0.53 0.45	33.50 0.35 0.67	39.17 0.91 1.05	40.43 0.82 0.92	42.60 0.54 0.82	40.61 0.13 0.00	40.39 0.13 0.00	32.90 0.30 0.00	28.28 0.17 0.00
N.BELMOR_69_KV_BK1 55787	22.46 1.06 0.00	22.92 0.94 0.00	21.16 0.72 0.00	19.35 0.79 0.00	20.31 0.72 0.00	24.42 0.71 0.00	26.14 0.94 0.00	26.87 1.25 0.00	25.29 1.18 0.00	25.04 1.30 0.00	27.26 1.72 0.00	30.89 2.26 0.00	30.52 2.44 -1.28	32.19 2.67 -1.48	29.32 2.37 0.00	32.67 2.70 0.00	36.87 3.05 0.00	42.66 3.36 0.00	44.15 3.62 0.00	46.00 3.13 0.00	43.20 2.73 0.00	43.19 2.94 0.00	34.93 2.33 0.00	30.06 1.96 0.00
N.E_GEN_SANDY PD 24062	21.72 0.56 0.24	22.50 0.53 0.00	20.97 0.53 0.00	19.07 0.52 0.00	20.11 0.53 0.00	24.22 0.51 0.00	25.81 0.61 0.00	26.38 0.76 0.00	24.73 0.62 0.00	24.35 0.61 0.00	26.15 0.61 0.00	29.36 0.73 0.00	27.55 0.74 0.00	28.90 0.86 0.00	27.71 0.75 0.00	30.80 0.83 0.00	34.91 1.09 0.00	36.34 1.04 4.01	43.41 1.33 -1.55	42.41 1.27 1.73	44.13 1.48 -2.18	42.25 1.50 -0.49	33.44 1.19 0.34	29.13 1.02 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.15 0.75 0.00	22.58 0.60 0.00	20.95 0.51 0.00	19.04 0.49 0.00	20.04 0.45 0.00	24.22 0.51 0.00	25.94 0.74 0.00	26.58 0.96 0.00	25.08 0.97 0.00	24.84 1.10 0.00	26.84 1.30 0.00	30.31 1.68 0.00	28.58 1.77 0.00	30.02 1.98 0.00	28.77 1.81 0.00	32.08 2.12 0.00	36.16 2.34 0.00	41.91 2.61 0.00	43.25 2.72 0.00	45.22 2.34 0.00	42.58 2.11 0.00	42.35 2.09 0.00	34.27 1.67 0.00	29.48 1.36 0.00
N.QUEENS_27_KV_LOAD 356247	22.45 1.05 0.00	22.87 0.90 0.00	21.24 0.80 0.00	19.30 0.75 0.00	20.29 0.71 0.00	24.49 0.78 0.00	26.27 1.08 0.00	26.93 1.30 0.00	25.46 1.34 0.00	25.20 1.47 0.00	27.23 1.70 0.00	30.75 2.12 0.00	28.99 2.18 0.00	30.43 2.38 0.00	29.15 2.20 0.00	32.43 2.46 0.00	36.54 2.72 0.00	42.26 2.96 0.00	43.55 3.02 0.00	45.54 2.66 0.00	42.89 2.41 0.00	42.78 2.53 0.00	34.76 2.16 0.00	29.87 1.76 0.00
N.TROY___115KV_TB1 355778	21.94 0.54 0.00	22.53 0.55 0.00	21.03 0.59 0.00	19.11 0.55 0.00	20.17 0.59 0.00	24.32 0.61 0.00	25.84 0.64 0.00	26.39 0.76 0.00	24.69 0.58 0.00	24.24 0.50 0.00	25.97 0.43 0.00	29.12 0.49 0.00	27.30 0.49 0.00	28.64 0.59 0.00	27.48 0.52 0.00	30.55 0.58 0.00	34.69 0.86 0.00	40.18 0.88 0.00	41.77 1.24 0.00	44.17 1.29 0.00	42.04 1.57 0.00	41.81 1.56 0.00	33.82 1.22 0.00	29.15 1.04 0.00
NARROWS_GT1_1 24228	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00
NARROWS_GT1_2 24229	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00
NARROWS_GT1_3 24230	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00
NARROWS_GT1_4 24231	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00

NARROWS_GT1_5 24232	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00
NARROWS_GT1_6 24233	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00
NARROWS_GT1_7 24234	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00
NARROWS_GT1_8 24235	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00
NARROWS_GT2_1 24236	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00
NARROWS_GT2_2 24237	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00
NARROWS_GT2_3 24238	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00
NARROWS_GT2_4 24239	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00
NARROWS_GT2_5 24240	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00
NARROWS_GT2_6 24241	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00
NARROWS_GT2_7 24242	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00
NARROWS_GT2_8 24243	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.30 0.00	25.46 1.34 -0.01	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.19 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.30 3.00 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.92 1.80 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.10 0.70 0.00	22.69 0.71 0.00	21.28 0.83 0.00	19.33 0.78 0.00	20.42 0.84 0.00	24.63 0.92 0.00	26.20 1.01 0.00	26.71 1.09 0.00	24.76 0.65 0.00	24.18 0.44 0.00	25.77 0.24 0.00	28.87 0.24 0.00	27.07 0.25 0.00	28.41 0.36 0.00	27.32 0.36 0.00	30.37 0.41 0.00	34.54 0.72 0.00	40.31 1.01 0.00	42.16 1.63 0.00	44.76 1.89 0.00	42.57 2.10 0.00	42.26 2.01 0.00	34.07 1.47 0.00	29.30 1.19 0.00
NCHELSEA_115KV_TR2 355582	22.30 0.89 0.00	22.74 0.77 0.00	21.13 0.68 0.00	19.20 0.64 0.00	20.21 0.63 0.00	24.42 0.71 0.00	26.11 0.92 0.00	26.76 1.14 0.00	25.23 1.12 0.00	24.94 1.20 0.00	26.92 1.38 0.00	30.36 1.73 0.00	28.58 1.77 0.00	30.04 1.99 0.00	28.80 1.85 0.00	32.14 2.17 0.00	36.33 2.50 0.00	42.13 2.82 0.00	43.52 2.99 0.00	45.58 2.70 0.00	42.95 2.48 0.00	42.70 2.45 0.00	34.53 1.92 0.00	29.68 1.57 0.00
NEG CAPITAL___MECHNVIL 23645	22.30 0.90 0.00	22.88 0.90 0.00	21.33 0.89 0.00	19.37 0.81 0.00	20.46 0.87 0.00	24.70 0.99 0.00	26.29 1.09 0.00	26.86 1.24 0.00	25.17 1.06 0.00	24.64 0.90 0.00	26.33 0.79 0.00	29.57 0.94 0.00	27.75 0.94 0.00	29.15 1.11 0.00	27.94 0.99 0.00	31.18 1.21 0.00	35.47 1.65 0.00	41.25 1.94 0.00	43.02 2.50 0.00	45.46 2.59 0.00	43.23 2.76 0.00	42.94 2.68 0.00	34.66 2.06 0.00	29.80 1.69 0.00

NEG CENTRAL_HIGH_ACRES 23767	20.68 -0.72 0.00	21.34 -0.63 0.00	19.80 -0.65 0.00	17.90 -0.66 0.00	18.97 -0.61 0.00	23.20 -0.51 0.00	24.66 -0.54 0.00	25.17 -0.45 0.00	23.76 -0.35 0.00	23.44 -0.30 0.00	25.35 -0.18 0.00	28.81 0.18 0.00	26.99 0.18 0.00	28.16 0.11 0.00	26.72 -0.23 0.00	29.87 -0.09 0.00	33.61 -0.21 0.00	39.36 0.06 0.00	40.59 0.06 0.00	42.68 -0.20 0.00	40.02 -0.45 0.00	39.70 -0.55 0.00	32.18 -0.43 0.00	27.65 -0.46 0.00
NEG CENTRAL___DRP 24199	21.27 -0.14 0.00	21.89 -0.09 0.00	20.33 -0.11 0.00	18.41 -0.14 0.00	19.50 -0.09 0.00	23.75 0.04 0.00	25.28 0.08 0.00	25.74 0.11 0.00	24.30 0.19 0.00	23.91 0.17 0.00	25.74 0.21 0.00	29.16 0.53 0.00	27.32 0.51 0.00	28.52 0.48 0.00	27.21 0.25 0.00	30.32 0.36 0.00	34.10 0.27 0.00	39.90 0.60 0.00	41.30 0.77 0.00	43.54 0.67 0.00	40.87 0.40 0.00	40.62 0.37 0.00	32.92 0.31 0.00	28.25 0.13 0.00
NEG CENTRAL___INDECK 23768	21.58 0.18 0.00	22.29 0.31 0.00	20.63 0.19 0.00	18.62 0.07 0.00	19.79 0.20 0.00	24.24 0.53 0.00	25.67 0.48 0.00	25.77 0.14 0.00	24.08 -0.03 0.00	23.55 -0.19 0.00	25.56 0.02 0.00	29.38 0.72 -0.04	27.46 0.55 -0.10	28.43 0.37 -0.02	27.04 -0.01 -0.10	30.30 0.10 -0.23	33.73 -0.43 -0.34	39.79 -0.04 -0.53	41.03 0.04 -0.46	43.41 0.12 -0.41	40.68 0.20 0.00	41.48 1.22 0.00	33.89 1.29 0.00	28.99 0.88 0.00
NEG CENTRAL___SENECA 23627	21.28 -0.13 0.00	21.92 -0.06 0.00	20.34 -0.11 0.00	18.39 -0.16 0.00	19.52 -0.07 0.00	23.83 0.12 0.00	25.37 0.18 0.00	25.84 0.22 0.00	24.43 0.32 0.00	24.02 0.28 0.00	25.90 0.36 0.00	29.42 0.79 0.00	27.53 0.72 0.00	28.71 0.66 0.00	27.32 0.37 0.00	30.49 0.52 0.00	34.18 0.36 0.00	40.13 0.82 0.00	41.53 1.00 0.00	43.75 0.87 0.00	40.98 0.51 0.00	40.78 0.53 0.00	33.11 0.50 0.00	28.37 0.26 0.00
NEG CENTRAL___STATE_STREET 24147	21.40 0.00 0.00	22.01 0.04 0.00	20.52 0.08 0.00	18.60 0.05 0.00	19.63 0.04 0.00	23.89 0.18 0.00	25.40 0.20 0.00	25.80 0.17 0.00	24.38 0.27 0.00	23.97 0.23 0.00	25.77 0.23 0.00	29.00 0.37 0.00	27.28 0.47 0.00	28.51 0.47 0.00	27.17 0.21 0.00	30.27 0.31 0.00	34.21 0.39 0.00	39.98 0.67 0.00	41.42 0.89 0.00	43.71 0.84 0.00	41.15 0.67 0.00	40.72 0.47 0.00	32.91 0.31 0.00	28.30 0.19 0.00
NEG MILLWOOD___DRP 24198	22.35 0.95 0.00	22.79 0.82 0.00	21.16 0.72 0.00	19.24 0.69 0.00	20.26 0.67 0.00	24.46 0.75 0.00	26.18 0.99 0.00	26.84 1.22 0.00	25.32 1.21 0.00	25.04 1.30 0.00	27.03 1.50 0.00	30.51 1.88 0.00	28.74 1.93 0.00	30.21 2.16 0.00	28.96 2.01 0.00	32.32 2.35 0.00	36.49 2.67 0.00	42.32 3.02 0.00	43.71 3.19 0.00	45.76 2.88 0.00	43.08 2.61 0.00	42.85 2.60 0.00	34.65 2.05 0.00	29.77 1.66 0.00
NEG NORTH_FLCN_SEA 23793	22.16 0.76 0.00	22.83 0.85 0.00	21.16 0.71 0.00	19.19 0.64 0.00	20.28 0.69 0.00	24.57 0.86 0.00	26.21 1.02 0.00	26.73 1.11 0.00	25.07 0.96 0.00	24.44 0.70 0.00	26.12 0.58 0.00	29.23 0.60 0.00	27.09 0.28 0.00	28.10 0.06 0.00	26.85 -0.10 0.00	29.85 -0.11 0.00	34.04 0.21 0.00	39.52 0.22 0.00	41.17 0.64 0.00	43.90 1.02 0.00	41.23 0.75 0.00	40.94 0.69 0.00	33.58 0.98 0.00	29.07 0.96 0.00
NEG NORTH_KES_CHATEGAY 23792	21.63 0.23 0.00	22.32 0.34 0.00	20.64 0.19 0.00	18.70 0.15 0.00	19.73 0.15 0.00	24.00 0.29 0.00	25.56 0.37 0.00	25.90 0.28 0.00	24.34 0.23 0.00	23.81 0.07 0.00	25.56 0.02 0.00	28.62 -0.01 0.00	26.58 -0.23 0.00	27.56 -0.49 0.00	26.46 -0.50 0.00	29.37 -0.59 0.00	33.33 -0.49 0.00	38.80 -0.50 0.00	40.29 -0.24 0.00	43.00 0.12 0.00	40.44 -0.03 0.00	40.19 -0.06 0.00	32.76 0.16 0.00	28.29 0.18 0.00
NEG NORTH___ALICE_FALLS 23915	22.28 0.88 0.00	22.95 0.97 0.00	21.24 0.79 0.00	19.27 0.72 0.00	20.37 0.78 0.00	24.68 0.97 0.00	26.30 1.10 0.00	26.86 1.24 0.00	25.21 1.10 0.00	24.57 0.83 0.00	26.22 0.69 0.00	29.40 0.77 0.00	27.27 0.47 0.00	28.25 0.20 0.00	27.04 0.09 0.00	30.01 0.04 0.00	34.21 0.39 0.00	39.71 0.41 0.00	41.45 0.92 0.00	44.11 1.23 0.00	41.49 1.01 0.00	41.15 0.90 0.00	33.68 1.07 0.00	29.17 1.06 0.00
NEG NORTH___LWR_SARANAC 23913	22.28 0.88 0.00	22.95 0.97 0.00	21.24 0.79 0.00	19.27 0.72 0.00	20.37 0.78 0.00	24.68 0.97 0.00	26.30 1.10 0.00	26.86 1.24 0.00	25.21 1.10 0.00	24.57 0.83 0.00	26.22 0.69 0.00	29.40 0.77 0.00	27.27 0.47 0.00	28.25 0.20 0.00	27.04 0.09 0.00	30.01 0.04 0.00	34.21 0.39 0.00	39.71 0.41 0.00	41.45 0.92 0.00	44.11 1.23 0.00	41.49 1.01 0.00	41.15 0.90 0.00	33.68 1.07 0.00	29.17 1.06 0.00
NEG NORTH___PLATTSBURG 23628	22.28 0.88 0.00	22.95 0.97 0.00	21.24 0.79 0.00	19.27 0.72 0.00	20.37 0.79 0.00	24.68 0.97 0.00	26.30 1.10 0.00	26.86 1.24 0.00	25.21 1.10 0.00	24.57 0.83 0.00	26.22 0.69 0.00	29.40 0.76 0.00	27.27 0.46 0.00	28.25 0.21 0.00	27.04 0.09 0.00	30.01 0.04 0.00	34.21 0.39 0.00	39.71 0.41 0.00	41.45 0.92 0.00	44.11 1.23 0.00	41.49 1.01 0.00	41.15 0.90 0.00	33.67 1.07 0.00	29.17 1.06 0.00
NEG WEST_LEA_LOCKPORT 23791	20.41 -0.99 0.00	21.23 -0.75 0.00	19.64 -0.80 0.00	17.67 -0.88 0.00	18.81 -0.78 0.00	23.22 -0.49 0.00	24.69 -0.51 0.00	25.27 -0.35 0.00	23.96 -0.14 0.00	23.66 -0.08 0.00	25.74 0.21 0.00	29.38 0.88 0.13	27.16 0.74 0.39	28.43 0.45 0.06	26.35 -0.24 0.36	29.10 -0.01 0.85	32.29 -0.28 1.25	37.48 0.14 1.96	38.75 -0.06 1.72	40.91 -0.43 1.53	39.70 -0.77 0.00	39.54 -0.72 0.00	32.28 -0.33 0.00	27.79 -0.32 0.00
NEG WEST___LANCASTER 23811	20.83 -0.57 0.00	21.62 -0.36 0.00	20.01 -0.44 0.00	18.02 -0.53 0.00	19.17 -0.42 0.00	23.63 -0.08 0.00	25.09 -0.10 0.00	25.64 0.02 0.00	24.40 0.29 0.00	24.12 0.37 0.00	26.13 0.59 0.00	30.13 1.26 -0.24	28.52 1.00 -0.71	29.13 0.97 -0.11	27.89 0.28 -0.66	32.03 0.51 -1.55	36.34 0.24 -2.28	43.62 0.75 -3.57	44.20 0.54 -3.13	45.84 0.17 -2.79	40.33 -0.15 0.00	40.22 -0.03 0.00	32.74 0.14 0.00	28.13 0.02 0.00
NEG_PENN_ALLEGHNY 23528	21.41 0.01 0.00	22.00 0.02 0.00	20.43 -0.01 0.00	18.52 -0.04 0.00	19.60 0.02 0.00	23.83 0.12 0.00	25.34 0.15 0.00	25.92 0.30 0.00	24.47 0.36 0.00	24.12 0.38 0.00	25.98 0.44 0.00	29.41 0.76 -0.03	27.61 0.72 -0.08	28.82 0.76 -0.01	27.62 0.59 -0.08	30.87 0.73 -0.18	34.80 0.71 -0.27	40.69 0.96 -0.42	41.92 1.02 -0.37	44.10 0.89 -0.33	41.12 0.65 0.00	40.94 0.69 0.00	33.12 0.52 0.00	28.47 0.36 0.00
NEG___GEN_MONROE 24207	21.08 -0.32 0.00	21.80 -0.18 0.00	20.19 -0.25 0.00	18.22 -0.33 0.00	19.34 -0.24 0.00	23.73 0.02 0.00	25.21 0.02 0.00	25.77 0.15 0.00	24.33 0.21 0.00	24.00 0.26 0.00	25.97 0.44 0.00	29.65 1.05 0.03	27.76 1.03 0.08	28.98 0.94 0.01	27.27 0.40 0.08	30.40 0.61 0.18	34.12 0.56 0.26	39.95 1.06 0.41	41.21 1.05 0.36	43.40 0.84 0.32	40.98 0.50 0.00	40.71 0.45 0.00	33.03 0.42 0.00	28.35 0.24 0.00

NEPA___ENERGY 23901	20.83 -0.57 0.00	21.59 -0.38 0.00	20.00 -0.45 0.00	18.02 -0.54 0.00	19.19 -0.39 0.00	23.64 -0.07 0.00	25.12 -0.08 0.00	25.63 0.00 0.00	24.47 0.36 0.00	24.22 0.48 0.00	26.18 0.65 0.00	30.35 1.42 -0.29	28.86 1.21 -0.85	29.26 1.08 -0.14	28.30 0.55 -0.79	32.65 0.83 -1.85	37.00 0.45 -2.72	44.68 1.11 -4.27	45.11 0.84 -3.74	46.71 0.51 -3.33	40.24 -0.23 0.00	40.31 0.06 0.00	32.72 0.11 0.00	28.05 -0.06 0.00
NEVERSink___HYD 23608	21.67 0.27 0.00	22.10 0.12 0.00	20.51 0.06 0.00	18.63 0.08 0.00	19.62 0.04 0.00	23.72 0.01 0.00	25.38 0.18 0.00	25.99 0.36 0.00	24.50 0.39 0.00	24.19 0.45 0.00	26.07 0.53 0.00	29.37 0.74 0.00	27.63 0.82 0.00	29.02 0.97 0.00	27.90 0.95 0.00	31.19 1.22 0.00	35.26 1.44 0.00	40.96 1.66 0.00	42.36 1.82 0.00	44.42 1.54 0.00	41.85 1.37 0.00	41.57 1.32 0.00	33.58 0.97 0.00	28.84 0.73 0.00
NEWKRMKL_115KV_TB1 55635	21.63 0.22 0.00	22.19 0.21 0.00	20.81 0.37 0.00	18.92 0.36 0.00	19.95 0.37 0.00	24.03 0.32 0.00	25.56 0.36 0.00	26.09 0.47 0.00	24.34 0.23 0.00	23.95 0.21 0.00	25.66 0.12 0.00	28.77 0.14 0.00	27.02 0.20 0.00	28.35 0.30 0.00	27.22 0.27 0.00	30.27 0.30 0.00	34.30 0.48 0.00	39.75 0.44 0.00	41.20 0.67 0.00	43.46 0.58 0.00	41.22 0.74 0.00	40.98 0.73 0.00	33.14 0.54 0.00	28.56 0.45 0.00
NEWTON___FALLS_HYD 23847	21.01 -0.39 0.00	21.59 -0.39 0.00	19.98 -0.47 0.00	18.18 -0.37 0.00	19.19 -0.39 0.00	23.25 -0.46 0.00	24.81 -0.39 0.00	24.85 -0.77 0.00	23.30 -0.81 0.00	22.84 -0.90 0.00	24.43 -1.10 0.00	27.28 -1.36 0.00	25.39 -1.42 0.00	26.42 -1.62 0.00	25.50 -1.45 0.00	28.40 -1.57 0.00	32.21 -1.61 0.00	37.74 -1.57 0.00	39.21 -1.31 0.00	41.83 -1.05 0.00	39.44 -1.04 0.00	38.98 -1.27 0.00	31.51 -1.10 0.00	27.23 -0.89 0.00
NGRID_A1_DSASP 323792	19.92 -1.49 0.00	20.74 -1.24 0.00	19.20 -1.25 0.00	17.27 -1.28 0.00	18.38 -1.20 0.00	22.74 -0.97 0.00	24.23 -0.96 0.00	24.80 -0.82 0.00	23.52 -0.59 0.00	23.23 -0.51 0.00	25.21 -0.32 0.00	29.05 0.42 0.00	27.10 0.29 0.00	28.09 0.04 0.00	26.32 -0.63 0.00	29.51 -0.46 0.00	33.04 -0.78 0.00	38.83 -0.47 0.00	39.79 -0.73 0.00	41.70 -1.18 0.00	39.00 -1.48 0.00	38.83 -1.42 0.00	31.76 -0.84 0.00	27.37 -0.74 0.00
NGRID_A2_DSASP 323793	19.92 -1.49 0.00	20.74 -1.24 0.00	19.20 -1.25 0.00	17.27 -1.28 0.00	18.38 -1.20 0.00	22.74 -0.97 0.00	24.23 -0.96 0.00	24.80 -0.82 0.00	23.52 -0.59 0.00	23.23 -0.51 0.00	25.21 -0.32 0.00	29.05 0.42 0.00	27.10 0.29 0.00	28.09 0.04 0.00	26.32 -0.63 0.00	29.51 -0.46 0.00	33.04 -0.78 0.00	38.83 -0.47 0.00	39.79 -0.73 0.00	41.70 -1.18 0.00	39.00 -1.48 0.00	38.83 -1.42 0.00	31.76 -0.84 0.00	27.37 -0.74 0.00
NGRID_A4_DSASP 323807	19.92 -1.49 0.00	20.74 -1.24 0.00	19.20 -1.25 0.00	17.27 -1.28 0.00	18.38 -1.20 0.00	22.74 -0.97 0.00	24.23 -0.96 0.00	24.80 -0.82 0.00	23.52 -0.59 0.00	23.23 -0.51 0.00	25.21 -0.32 0.00	29.05 0.42 0.00	27.10 0.29 0.00	28.09 0.04 0.00	26.32 -0.63 0.00	29.51 -0.46 0.00	33.04 -0.78 0.00	38.83 -0.47 0.00	39.79 -0.73 0.00	41.70 -1.18 0.00	39.00 -1.48 0.00	38.83 -1.42 0.00	31.76 -0.84 0.00	27.37 -0.74 0.00
NIAGARA_115E_LBMP 323715	20.10 -1.30 0.00	20.92 -1.06 0.00	19.37 -1.08 0.00	17.42 -1.13 0.00	18.54 -1.05 0.00	22.88 -0.83 0.00	24.32 -0.88 0.00	24.90 -0.73 0.00	23.60 -0.51 0.00	23.30 -0.43 0.00	25.41 -0.12 0.00	29.07 0.49 0.04	27.05 0.36 0.12	28.00 -0.03 0.02	26.12 -0.72 0.11	29.15 -0.55 0.27	32.54 -0.89 0.39	38.12 -0.57 0.62	39.18 -0.80 0.54	41.15 -1.24 0.48	38.95 -1.53 0.00	38.81 -1.45 0.00	31.74 -0.86 0.00	27.36 -0.75 0.00
NIAGARA_115W_LBMP 323714	19.86 -1.54 0.00	20.69 -1.29 0.00	19.15 -1.29 0.00	17.23 -1.32 0.00	18.33 -1.25 0.00	22.69 -1.02 0.00	24.18 -1.01 0.00	24.75 -0.87 0.00	23.47 -0.64 0.00	23.18 -0.56 0.00	25.16 -0.37 0.00	28.92 0.36 0.06	26.86 0.24 0.19	28.00 -0.01 0.03	26.09 -0.68 0.18	29.03 -0.51 0.42	32.36 -0.85 0.62	37.79 -0.55 0.97	38.88 -0.80 0.85	40.87 -1.25 0.75	38.94 -1.54 0.00	38.77 -1.48 0.00	31.71 -0.89 0.00	27.34 -0.78 0.00
NIAGARA_230_LBMP 323716	20.15 -1.26 0.00	20.97 -1.01 0.00	19.41 -1.03 0.00	17.47 -1.08 0.00	18.59 -1.00 0.00	22.95 -0.76 0.00	24.37 -0.82 0.00	24.94 -0.68 0.00	23.64 -0.47 0.00	23.35 -0.39 0.00	25.36 -0.18 0.00	28.21 0.43 0.84	24.67 0.30 2.44	27.71 0.05 0.39	24.08 -0.60 2.28	24.19 -0.44 5.34	25.21 -0.76 7.85	26.58 -0.43 12.29	29.07 -0.66 10.79	32.18 -1.10 9.60	39.08 -1.40 0.00	38.91 -1.34 0.00	31.81 -0.79 0.00	27.40 -0.71 0.00
NIAGARA___115KV_198_GIBSON 55903	19.86 -1.54 0.00	20.69 -1.29 0.00	19.15 -1.29 0.00	17.23 -1.32 0.00	18.33 -1.25 0.00	22.69 -1.03 0.00	24.18 -1.01 0.00	24.75 -0.88 0.00	23.47 -0.64 0.00	23.18 -0.56 0.00	25.16 -0.37 0.00	28.93 0.36 0.06	26.85 0.23 0.19	28.00 -0.01 0.03	26.08 -0.69 0.18	29.02 -0.52 0.42	32.35 -0.85 0.62	37.78 -0.55 0.97	38.87 -0.81 0.85	40.86 -1.26 0.75	38.94 -1.54 0.00	38.78 -1.48 0.00	31.71 -0.89 0.00	27.33 -0.78 0.00
NIAGARA___ 23760	20.15 -1.26 0.00	20.97 -1.01 0.00	19.41 -1.03 0.00	17.47 -1.08 0.00	18.59 -1.00 0.00	22.95 -0.76 0.00	24.37 -0.82 0.00	24.94 -0.68 0.00	23.64 -0.47 0.00	23.35 -0.39 0.00	25.36 -0.18 0.00	28.40 0.43 0.66	25.21 0.30 1.90	27.82 0.05 0.27	24.77 -0.60 1.59	25.81 -0.44 3.72	27.58 -0.76 5.48	30.29 -0.43 8.58	32.31 -0.66 7.55	35.05 -1.10 6.73	39.08 -1.40 0.00	38.91 -1.34 0.00	31.81 -0.79 0.00	27.40 -0.71 0.00
NINE_MILE_1 23575	20.83 -0.57 0.00	21.41 -0.57 0.00	19.91 -0.54 0.00	18.06 -0.50 0.00	19.08 -0.51 0.00	23.10 -0.60 0.00	24.47 -0.72 0.00	24.90 -0.72 0.00	23.43 -0.68 0.00	23.08 -0.66 0.00	24.81 -0.73 0.00	27.94 -0.69 0.00	26.19 -0.63 0.00	27.39 -0.65 0.00	26.24 -0.71 0.00	29.23 -0.74 0.00	32.97 -0.85 0.00	38.37 -0.93 0.00	39.62 -0.91 0.00	41.83 -1.05 0.00	39.43 -1.05 0.00	39.19 -1.06 0.00	31.72 -0.88 0.00	27.34 -0.77 0.00
NINE_MILE_2 23744	20.83 -0.57 0.00	21.41 -0.56 0.00	19.91 -0.54 0.00	18.06 -0.50 0.00	19.08 -0.51 0.00	23.11 -0.60 0.00	24.48 -0.72 0.00	24.90 -0.72 0.00	23.43 -0.68 0.00	23.08 -0.66 0.00	24.81 -0.73 0.00	27.94 -0.69 0.00	26.19 -0.63 0.00	27.39 -0.65 0.00	26.24 -0.71 0.00	29.23 -0.74 0.00	32.97 -0.85 0.00	38.37 -0.93 0.00	39.62 -0.91 0.00	41.83 -1.05 0.00	39.43 -1.04 0.00	39.19 -1.06 0.00	31.73 -0.87 0.00	27.34 -0.77 0.00
NM_CAPITAL___DRP 24208	21.64 0.24 0.00	22.21 0.24 0.00	20.82 0.38 0.00	18.93 0.37 0.00	19.97 0.39 0.00	24.04 0.34 0.00	25.57 0.37 0.00	26.10 0.48 0.00	24.36 0.25 0.00	23.97 0.23 0.00	25.68 0.15 0.00	28.79 0.16 0.00	27.03 0.22 0.00	28.35 0.31 0.00	27.22 0.27 0.00	30.27 0.30 0.00	34.30 0.48 0.00	39.73 0.42 0.00	41.19 0.66 0.00	43.46 0.58 0.00	41.24 0.77 0.00	41.00 0.75 0.00	33.17 0.57 0.00	28.59 0.48 0.00

NM_CENTRAL___DRP 24181	21.20 -0.20 0.00	21.79 -0.19 0.00	20.25 -0.20 0.00	18.36 -0.19 0.00	19.42 -0.17 0.00	23.54 -0.18 0.00	24.97 -0.22 0.00	25.45 -0.18 0.00	23.96 -0.15 0.00	23.62 -0.12 0.00	25.41 -0.13 0.00	28.65 0.02 0.00	26.88 0.07 0.00	28.13 0.09 0.00	26.94 -0.02 0.00	30.01 0.05 0.00	33.86 0.03 0.00	39.42 0.12 0.00	40.72 0.19 0.00	42.93 0.05 0.00	40.44 -0.04 0.00	40.16 -0.10 0.00	32.48 -0.12 0.00	27.95 -0.16 0.00
NM_FRONTIER___DRP 24179	19.86 -1.54 0.00	20.69 -1.29 0.00	19.15 -1.29 0.00	17.23 -1.32 0.00	18.33 -1.25 0.00	22.69 -1.03 0.00	24.18 -1.01 0.00	24.75 -0.88 0.00	23.47 -0.64 0.00	23.18 -0.56 0.00	25.16 -0.37 0.00	28.93 0.36 0.06	26.85 0.23 0.19	28.00 -0.01 0.03	26.08 -0.69 0.18	29.02 -0.52 0.42	32.35 -0.85 0.62	37.78 -0.55 0.97	38.87 -0.81 0.85	40.86 -1.26 0.75	38.94 -1.54 0.00	38.78 -1.48 0.00	31.71 -0.89 0.00	27.33 -0.78 0.00
NM_ST_REGIS___HYD 24053	21.16 -0.24 0.00	21.80 -0.17 0.00	20.19 -0.26 0.00	18.30 -0.25 0.00	19.32 -0.26 0.00	23.51 -0.20 0.00	25.05 -0.15 0.00	25.26 -0.36 0.00	23.75 -0.36 0.00	23.25 -0.49 0.00	24.98 -0.56 0.00	27.86 -0.76 0.00	25.90 -0.91 0.00	26.88 -1.17 0.00	25.97 -0.98 0.00	28.84 -1.13 0.00	32.63 -1.19 0.00	38.05 -1.25 0.00	39.36 -1.17 0.00	42.08 -0.79 0.00	39.69 -0.79 0.00	39.42 -0.84 0.00	31.96 -0.64 0.00	27.61 -0.51 0.00
NORTHPORT___1 23551	22.19 0.79 0.00	22.72 0.75 0.00	20.97 0.52 0.00	19.24 0.69 0.00	20.17 0.58 0.00	24.18 0.47 0.00	25.89 0.69 0.00	26.63 1.01 0.00	24.99 0.88 0.00	24.74 1.00 0.00	26.96 1.42 0.00	30.57 1.94 -1.28	30.24 2.15 -1.48	31.84 2.32 0.00	28.92 1.97 0.00	32.23 2.27 0.00	36.42 2.59 0.00	42.01 2.71 0.00	43.55 3.02 0.00	45.31 2.43 0.00	42.59 2.11 0.00	42.64 2.39 0.00	34.43 1.83 0.00	29.77 1.66 0.00
NORTHPORT___2 23552	22.19 0.79 0.00	22.72 0.75 0.00	20.97 0.52 0.00	19.24 0.69 0.00	20.17 0.58 0.00	24.18 0.47 0.00	25.89 0.69 0.00	26.63 1.01 0.00	24.99 0.88 0.00	24.74 1.00 0.00	26.96 1.42 0.00	30.57 1.94 -1.28	30.24 2.15 -1.48	31.84 2.32 0.00	28.92 1.97 0.00	32.23 2.27 0.00	36.42 2.59 0.00	42.01 2.71 0.00	43.55 3.02 0.00	45.31 2.43 0.00	42.59 2.11 0.00	42.64 2.39 0.00	34.43 1.83 0.00	29.77 1.66 0.00
NORTHPORT___3 23553	22.28 0.88 0.00	22.77 0.80 0.00	21.00 0.56 0.00	19.27 0.72 0.00	20.20 0.62 0.00	24.17 0.46 0.00	25.88 0.69 0.00	26.60 0.97 0.00	24.94 0.82 0.00	24.73 0.99 0.00	27.06 1.53 0.00	30.66 2.03 -1.28	30.30 2.21 -1.48	31.83 2.30 0.00	28.86 1.91 0.00	32.12 2.16 0.00	36.26 2.44 0.00	41.83 2.53 0.00	43.39 2.86 0.00	45.14 2.26 0.00	42.41 1.93 0.00	42.34 2.09 0.00	34.28 1.68 0.00	29.72 1.61 0.00
NORTHPORT___4 23650	22.28 0.88 0.00	22.77 0.80 0.00	21.00 0.56 0.00	19.27 0.72 0.00	20.20 0.62 0.00	24.17 0.46 0.00	25.88 0.69 0.00	26.60 0.97 0.00	24.94 0.82 0.00	24.73 0.99 0.00	27.06 1.53 0.00	30.66 2.03 -1.28	30.30 2.21 -1.48	31.83 2.30 0.00	28.86 1.91 0.00	32.12 2.16 0.00	36.26 2.44 0.00	41.83 2.53 0.00	43.39 2.86 0.00	45.14 2.26 0.00	42.41 1.93 0.00	42.34 2.09 0.00	34.28 1.68 0.00	29.72 1.61 0.00
NORTHPORT___IC 23718	22.18 0.78 0.00	22.72 0.75 0.00	20.96 0.52 0.00	19.24 0.69 0.00	20.17 0.58 0.00	24.18 0.47 0.00	25.89 0.69 0.00	26.63 1.01 0.00	24.99 0.88 0.00	24.74 1.00 0.00	26.96 1.42 0.00	30.57 1.94 -1.28	30.24 2.15 -1.48	31.84 2.32 0.00	28.92 1.97 0.00	32.23 2.27 0.00	36.42 2.59 0.00	42.01 2.71 0.00	43.55 3.02 0.00	45.31 2.43 0.00	42.59 2.12 0.00	42.64 2.39 0.00	34.44 1.83 0.00	29.77 1.66 0.00
NORTH___COUNTRY_ESR 323785	21.60 0.20 0.00	22.27 0.30 0.00	20.60 0.16 0.00	18.67 0.12 0.00	19.71 0.13 0.00	23.96 0.25 0.00	25.51 0.32 0.00	25.87 0.24 0.00	24.33 0.22 0.00	23.80 0.06 0.00	25.54 0.01 0.00	28.61 -0.03 0.00	26.57 -0.24 0.00	27.55 -0.49 0.00	26.44 -0.51 0.00	29.37 -0.59 0.00	33.31 -0.52 0.00	38.79 -0.51 0.00	40.22 -0.31 0.00	42.91 0.04 0.00	40.32 -0.16 0.00	40.07 -0.19 0.00	32.67 0.07 0.00	28.22 0.11 0.00
NPX_GEN_1385_PROXY 323591	21.15 0.24 0.49	22.47 0.49 0.00	20.79 0.35 0.00	19.24 0.69 0.00	20.16 0.57 0.00	23.91 0.20 0.00	25.62 0.43 0.00	26.62 0.99 0.00	24.67 0.57 0.00	24.38 0.64 0.00	26.27 0.73 0.00	29.77 1.14 -1.28	29.49 1.41 -1.48	30.98 1.17 0.00	28.12 1.58 0.00	31.55 1.89 0.00	35.71 1.83 0.00	41.13 2.50 0.00	43.03 1.64 0.00	44.52 1.66 0.00	42.14 2.33 0.00	42.58 1.37 0.00	33.97 1.37 0.00	29.35 1.24 0.00
NPX_GEN_CSC 323557	21.55 0.64 0.49	22.51 0.54 0.00	20.77 0.32 0.00	19.12 0.57 0.00	19.96 0.38 0.00	23.98 0.27 0.00	25.71 0.51 0.00	26.45 0.82 0.00	24.91 0.79 0.00	24.66 0.92 0.00	26.76 1.23 0.00	30.37 1.74 -1.28	30.12 2.03 -1.48	31.80 2.28 0.00	28.96 2.00 0.00	32.31 2.34 0.00	36.66 2.83 0.00	42.22 2.92 0.00	43.89 3.36 0.00	45.60 2.72 0.00	42.75 2.27 0.00	42.72 2.46 0.00	34.44 1.84 0.00	29.70 1.59 0.00
NSINS_S___GLNS_FALLS 23858	22.47 1.07 0.00	23.07 1.10 0.00	21.50 1.06 0.00	19.50 0.95 0.00	20.61 1.02 0.00	24.93 1.22 0.00	26.56 1.37 0.00	27.16 1.54 0.00	25.39 1.28 0.00	24.78 1.05 0.00	26.37 0.83 0.00	29.60 0.97 0.00	27.66 0.85 0.00	29.10 1.05 0.00	27.95 1.00 0.00	31.30 1.33 0.00	35.74 1.92 0.00	41.56 2.26 0.00	44.14 3.61 0.00	46.67 3.79 0.00	44.49 4.02 0.00	43.81 3.56 0.00	35.34 2.74 0.00	30.34 2.23 0.00
NUCOR_STEEL___DRP 24197	21.38 -0.02 0.00	22.00 0.02 0.00	20.51 0.07 0.00	18.60 0.05 0.00	19.61 0.03 0.00	23.87 0.16 0.00	25.38 0.18 0.00	25.76 0.14 0.00	24.35 0.24 0.00	23.95 0.21 0.00	25.74 0.20 0.00	28.95 0.32 0.00	27.25 0.44 0.00	28.48 0.43 0.00	27.14 0.18 0.00	30.23 0.27 0.00	34.19 0.37 0.00	39.94 0.64 0.00	41.37 0.85 0.00	43.67 0.79 0.00	41.11 0.63 0.00	40.66 0.41 0.00	32.85 0.25 0.00	28.26 0.15 0.00
NUMBER_THREE_WT_PWR 323818	21.43 0.03 0.00	21.99 0.01 0.00	20.41 -0.04 0.00	18.53 -0.02 0.00	19.59 0.00 0.00	23.73 0.02 0.00	25.24 0.05 0.00	25.17 -0.46 0.00	23.66 -0.45 0.00	23.23 -0.51 0.00	24.75 -0.79 0.00	27.69 -0.94 0.00	25.81 -1.01 0.00	26.89 -1.16 0.00	25.91 -1.05 0.00	28.94 -1.02 0.00	32.88 -0.94 0.00	38.76 -0.54 0.00	40.45 -0.08 0.00	42.99 0.11 0.00	40.46 -0.02 0.00	39.78 -0.47 0.00	32.09 -0.52 0.00	27.79 -0.32 0.00
NYISO_LBMP_REFERENCE 24008	21.40 0.00 0.00	21.98 0.00 0.00	20.44 0.00 0.00	18.55 0.00 0.00	19.58 0.00 0.00	23.71 0.00 0.00	25.20 0.00 0.00	25.62 0.00 0.00	24.11 0.00 0.00	23.74 0.00 0.00	25.54 0.00 0.00	28.63 0.00 0.00	26.81 0.00 0.00	28.05 0.00 0.00	26.95 0.00 0.00	29.96 0.00 0.00	33.82 0.00 0.00	39.30 0.00 0.00	40.53 0.00 0.00	42.88 0.00 0.00	40.48 0.00 0.00	40.25 0.00 0.00	32.60 0.00 0.00	28.11 0.00 0.00

NYPA_BRENTWD____GT 24164	22.46 1.06 0.00	22.96 0.98 0.00	21.18 0.74 0.00	19.42 0.86 0.00	20.35 0.77 0.00	24.45 0.74 0.00	26.19 1.00 0.00	26.94 1.31 0.00	25.32 1.21 0.00	25.07 1.33 0.00	27.30 1.76 0.00	30.96 2.33 0.00	30.63 2.54 -1.28	32.29 2.76 -1.48	29.39 2.44 0.00	32.78 2.81 0.00	37.08 3.25 0.00	42.67 3.37 0.00	44.27 3.74 0.00	46.04 3.16 0.00	43.23 2.76 0.00	43.29 3.04 0.00	34.99 2.38 0.00	30.19 2.08 0.00
NYPA_GOWANUS____GT5 24156	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.27 1.08 0.00	26.92 1.30 0.00	25.45 1.33 -0.01	25.19 1.45 0.00	27.22 1.68 0.00	30.74 2.11 0.00	29.00 2.18 0.00	30.45 2.40 0.00	29.14 2.19 0.00	32.48 2.51 0.00	36.61 2.79 0.00	42.29 2.99 0.00	43.60 3.07 0.00	45.64 2.76 0.00	42.98 2.50 0.00	42.93 2.68 0.00	34.87 2.27 0.00	29.92 1.80 0.00
NYPA_GOWANUS____GT6 24157	22.47 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.27 1.08 0.00	26.92 1.30 0.00	25.45 1.33 -0.01	25.19 1.45 0.00	27.22 1.68 0.00	30.74 2.11 0.00	29.00 2.18 0.00	30.45 2.40 0.00	29.14 2.19 0.00	32.48 2.51 0.00	36.61 2.79 0.00	42.29 2.99 0.00	43.60 3.07 0.00	45.64 2.76 0.00	42.98 2.50 0.00	42.93 2.68 0.00	34.87 2.27 0.00	29.92 1.80 0.00
NYPA_HARLEM__RVR__GT1 24160	22.41 1.01 0.00	22.83 0.85 0.00	21.20 0.75 0.00	19.27 0.71 0.00	20.25 0.67 0.00	24.45 0.74 0.00	26.22 1.02 0.00	26.87 1.24 0.00	25.39 1.28 -0.01	25.13 1.39 0.00	27.15 1.61 0.00	30.65 2.02 0.00	28.90 2.09 0.00	30.34 2.29 0.00	29.05 2.10 0.00	32.33 2.36 0.00	36.41 2.59 0.00	42.11 2.81 0.00	43.42 2.89 0.00	45.40 2.52 0.00	42.76 2.29 0.00	42.66 2.40 0.00	34.68 2.07 0.00	29.79 1.68 0.00
NYPA_HARLEM__RVR__GT2 24161	22.41 1.01 0.00	22.83 0.85 0.00	21.20 0.75 0.00	19.27 0.71 0.00	20.25 0.67 0.00	24.45 0.74 0.00	26.22 1.02 0.00	26.87 1.24 0.00	25.39 1.28 -0.01	25.13 1.39 0.00	27.15 1.61 0.00	30.65 2.02 0.00	28.90 2.09 0.00	30.34 2.29 0.00	29.05 2.10 0.00	32.33 2.36 0.00	36.41 2.59 0.00	42.11 2.81 0.00	43.42 2.89 0.00	45.40 2.52 0.00	42.76 2.29 0.00	42.66 2.40 0.00	34.68 2.07 0.00	29.79 1.68 0.00
NYPA_KENT____GT 24152	22.46 1.05 0.00	22.84 0.87 0.00	21.20 0.75 0.00	19.28 0.73 0.00	20.26 0.68 0.00	24.48 0.77 0.00	26.24 1.05 0.00	26.91 1.29 0.00	25.44 1.32 -0.01	25.18 1.44 0.00	27.21 1.67 0.00	30.73 2.10 0.00	28.99 2.17 0.00	30.44 2.39 0.00	29.13 2.18 0.00	32.45 2.48 0.00	36.56 2.74 0.00	42.26 2.95 0.00	43.56 3.03 0.00	45.57 2.70 0.00	42.91 2.43 0.00	42.84 2.59 0.00	34.78 2.18 0.00	29.86 1.75 0.00
NYPA_POUCH1____GT 24155	22.41 1.00 0.00	22.83 0.85 0.00	21.18 0.74 0.00	19.26 0.70 0.00	20.24 0.65 0.00	24.45 0.74 0.00	26.21 1.01 0.00	26.86 1.23 0.00	25.38 1.26 -0.01	25.12 1.38 0.00	27.13 1.59 0.00	30.63 2.00 0.00	28.89 2.08 0.00	30.36 2.31 0.00	29.05 2.10 0.00	32.38 2.41 0.00	36.49 2.67 0.00	42.13 2.83 0.00	43.44 2.91 0.00	45.52 2.64 0.00	42.87 2.39 0.00	42.85 2.60 0.00	34.81 2.21 0.00	29.83 1.72 0.00
NYPA_VERNON____GT2 24162	22.44 1.03 0.00	22.80 0.82 0.00	21.16 0.72 0.00	19.26 0.70 0.00	20.23 0.65 0.00	24.44 0.73 0.00	26.20 1.01 0.00	26.89 1.27 0.00	25.42 1.30 -0.01	25.17 1.43 0.00	27.19 1.66 0.00	30.71 2.08 0.00	28.96 2.15 0.00	30.42 2.37 0.00	29.12 2.16 0.00	32.43 2.46 0.00	36.55 2.73 0.00	42.26 2.95 0.00	43.55 3.02 0.00	45.53 2.65 0.00	42.88 2.40 0.00	42.77 2.51 0.00	34.71 2.10 0.00	29.81 1.70 0.00
NYPA_VERNON____GT3 24163	22.44 1.03 0.00	22.80 0.82 0.00	21.16 0.72 0.00	19.26 0.70 0.00	20.23 0.65 0.00	24.44 0.73 0.00	26.20 1.01 0.00	26.89 1.27 0.00	25.42 1.30 -0.01	25.17 1.43 0.00	27.19 1.66 0.00	30.71 2.08 0.00	28.96 2.15 0.00	30.42 2.37 0.00	29.12 2.16 0.00	32.43 2.46 0.00	36.55 2.73 0.00	42.26 2.95 0.00	43.55 3.02 0.00	45.53 2.65 0.00	42.88 2.40 0.00	42.77 2.51 0.00	34.71 2.10 0.00	29.81 1.70 0.00
NYPA__ASTORIA_CC1 323568	22.39 0.99 0.00	22.79 0.81 0.00	21.15 0.71 0.00	19.24 0.69 0.00	20.22 0.64 0.00	24.42 0.71 0.00	26.19 0.99 0.00	26.87 1.25 0.00	25.40 1.28 -0.01	25.14 1.40 0.00	27.17 1.63 0.00	30.67 2.04 0.00	28.93 2.12 0.00	30.38 2.33 0.00	29.08 2.12 0.00	32.39 2.43 0.00	36.52 2.69 0.00	42.20 2.89 0.00	43.49 2.96 0.00	45.47 2.59 0.00	42.83 2.35 0.00	42.72 2.47 0.00	34.68 2.08 0.00	29.78 1.67 0.00
NYPA__ASTORIA_CC2 323569	22.39 0.99 0.00	22.79 0.81 0.00	21.15 0.71 0.00	19.24 0.69 0.00	20.22 0.64 0.00	24.42 0.71 0.00	26.19 0.99 0.00	26.87 1.25 0.00	25.40 1.28 -0.01	25.14 1.40 0.00	27.17 1.63 0.00	30.67 2.04 0.00	28.93 2.12 0.00	30.38 2.33 0.00	29.08 2.12 0.00	32.39 2.43 0.00	36.52 2.69 0.00	42.20 2.89 0.00	43.49 2.96 0.00	45.47 2.59 0.00	42.83 2.35 0.00	42.72 2.47 0.00	34.68 2.08 0.00	29.78 1.67 0.00
NYPA__HOLTSVILL 23794	22.22 0.82 0.00	22.72 0.74 0.00	20.96 0.51 0.00	19.23 0.68 0.00	20.14 0.56 0.00	24.19 0.48 0.00	25.91 0.71 0.00	26.65 1.02 0.00	25.07 0.97 0.00	24.82 1.08 0.00	26.98 1.45 0.00	30.60 1.97 0.00	30.30 2.21 -1.28	31.96 2.43 -1.48	29.08 2.13 0.00	32.42 2.46 0.00	36.71 2.89 0.00	42.30 3.00 0.00	43.89 3.36 0.00	45.66 2.79 0.00	42.86 2.39 0.00	42.87 2.61 0.00	34.60 2.00 0.00	29.87 1.76 0.00
NYPA__HELLGATE_GT1 24158	22.41 1.01 0.00	22.83 0.85 0.00	21.20 0.75 0.00	19.27 0.71 0.00	20.25 0.67 0.00	24.45 0.74 0.00	26.22 1.02 0.00	26.87 1.24 0.00	25.39 1.28 -0.01	25.13 1.39 0.00	27.15 1.61 0.00	30.65 2.02 0.00	28.90 2.09 0.00	30.34 2.29 0.00	29.04 2.09 0.00	32.32 2.36 0.00	36.41 2.59 0.00	42.11 2.81 0.00	43.42 2.89 0.00	45.40 2.52 0.00	42.76 2.29 0.00	42.66 2.40 0.00	34.68 2.07 0.00	29.79 1.68 0.00
NYPA__HELLGATE_GT2 24159	22.41 1.01 0.00	22.83 0.85 0.00	21.20 0.75 0.00	19.27 0.71 0.00	20.25 0.67 0.00	24.45 0.74 0.00	26.22 1.02 0.00	26.87 1.24 0.00	25.39 1.28 -0.01	25.13 1.39 0.00	27.15 1.61 0.00	30.65 2.02 0.00	28.90 2.09 0.00	30.34 2.29 0.00	29.04 2.09 0.00	32.32 2.36 0.00	36.41 2.59 0.00	42.11 2.81 0.00	43.42 2.89 0.00	45.40 2.52 0.00	42.76 2.29 0.00	42.66 2.40 0.00	34.68 2.07 0.00	29.79 1.68 0.00
NYS_BARGE__HYD 23848	20.43 -0.97 0.00	21.24 -0.73 0.00	19.66 -0.78 0.00	17.69 -0.87 0.00	18.82 -0.76 0.00	23.24 -0.47 0.00	24.71 -0.49 0.00	25.30 -0.32 0.00	23.98 -0.13 0.00	23.67 -0.06 0.00	25.77 0.24 0.00	29.47 0.91 0.08	27.37 0.78 0.22	28.49 0.48 0.04	26.53 -0.21 0.21	29.50 0.03 0.49	32.86 -0.23 0.72	38.37 0.20 1.13	39.55 0.02 1.00	41.63 -0.36 0.89	39.77 -0.70 0.00	39.58 -0.67 0.00	32.32 -0.28 0.00	27.83 -0.28 0.00

OAK ORCHARD___HYD 24046	20.96 -0.44 0.00	21.67 -0.31 0.00	20.08 -0.37 0.00	18.13 -0.42 0.00	19.23 -0.35 0.00	23.57 -0.14 0.00	25.03 -0.16 0.00	25.56 -0.06 0.00	24.14 0.03 0.00	23.83 0.09 0.00	25.81 0.28 0.00	29.39 0.76 0.00	27.51 0.70 0.00	28.67 0.62 0.00	27.15 0.20 0.00	30.38 0.41 0.00	34.14 0.32 0.00	40.01 0.71 0.00	41.22 0.69 0.00	43.31 0.43 0.00	40.60 0.12 0.00	40.33 0.08 0.00	32.72 0.12 0.00	28.11 0.00 0.00
OAKDALE___35_KV_LOAD 356122	21.34 -0.06 0.00	21.93 -0.04 0.00	20.38 -0.07 0.00	18.46 -0.09 0.00	19.55 -0.04 0.00	23.74 0.04 0.00	25.26 0.06 0.00	25.83 0.21 0.00	24.38 0.27 0.00	24.04 0.30 0.00	25.88 0.35 0.00	29.31 0.64 -0.03	27.52 0.61 -0.09	28.70 0.64 -0.02	27.52 0.48 -0.09	30.77 0.60 -0.20	34.70 0.57 -0.30	40.56 0.79 -0.47	41.77 0.83 -0.41	43.94 0.70 -0.37	40.95 0.48 0.00	40.77 0.52 0.00	33.01 0.40 0.00	28.38 0.27 0.00
OCC_CHEM___DRP 24175	19.92 -1.48 0.00	20.74 -1.24 0.00	19.19 -1.25 0.00	17.27 -1.28 0.00	18.38 -1.20 0.00	22.74 -0.97 0.00	24.23 -0.96 0.00	24.80 -0.83 0.00	23.52 -0.59 0.00	23.23 -0.51 0.00	25.21 -0.32 0.00	29.05 0.42 0.00	27.09 0.28 0.00	28.08 0.03 0.00	26.32 -0.64 0.00	29.49 -0.47 0.00	33.03 -0.79 0.00	38.82 -0.48 0.00	39.78 -0.75 0.00	41.69 -1.19 0.00	39.00 -1.48 0.00	38.84 -1.41 0.00	31.76 -0.84 0.00	27.37 -0.74 0.00
OH_GEN_PROXY 24063	19.72 -1.19 0.49	21.02 -0.95 0.00	19.46 -0.98 0.00	17.53 -1.03 0.00	18.64 -0.94 0.00	23.00 -0.71 0.00	24.44 -0.76 0.00	24.99 -0.63 0.00	23.69 -0.42 0.00	23.41 -0.33 0.00	25.42 -0.11 0.00	29.12 0.49 0.00	27.17 0.36 0.00	28.17 0.13 0.00	26.44 -0.51 0.00	29.62 -0.34 0.00	33.15 -0.67 0.00	38.98 -0.32 0.00	39.98 -0.54 0.00	41.90 -0.98 0.00	39.18 -1.29 0.00	39.02 -1.23 0.00	31.86 -0.74 0.00	27.43 -0.68 0.00
OLIN_CORP_DRP 24177	20.13 -1.28 0.00	20.94 -1.03 0.00	19.39 -1.06 0.00	17.44 -1.11 0.00	18.56 -1.02 0.00	22.91 -0.80 0.00	24.35 -0.85 0.00	24.92 -0.70 0.00	23.63 -0.48 0.00	23.33 -0.41 0.00	25.43 -0.11 0.00	29.22 0.50 -0.09	27.44 0.38 -0.25	28.10 0.02 -0.04	26.50 -0.69 -0.23	30.01 -0.51 -0.55	33.79 -0.84 -0.81	40.06 -0.52 -1.27	40.89 -0.75 -1.12	42.68 -1.19 -1.00	39.01 -1.47 0.00	38.86 -1.40 0.00	31.77 -0.83 0.00	27.39 -0.72 0.00
OLIN_CORP_DSASP 323712	19.92 -1.49 0.00	20.74 -1.24 0.00	19.20 -1.25 0.00	17.27 -1.28 0.00	18.38 -1.20 0.00	22.74 -0.97 0.00	24.23 -0.96 0.00	24.80 -0.82 0.00	23.52 -0.59 0.00	23.23 -0.51 0.00	25.21 -0.32 0.00	29.05 0.42 0.00	27.10 0.29 0.00	28.09 0.04 0.00	26.32 -0.63 0.00	29.51 -0.46 0.00	33.04 -0.78 0.00	38.83 -0.47 0.00	39.79 -0.73 0.00	41.70 -1.18 0.00	39.00 -1.48 0.00	38.83 -1.42 0.00	31.76 -0.84 0.00	27.37 -0.74 0.00
ONEIDA_HERK_LFGE 323681	21.67 0.27 0.00	22.22 0.25 0.00	20.66 0.22 0.00	18.75 0.20 0.00	19.81 0.22 0.00	23.99 0.28 0.00	25.55 0.35 0.00	25.94 0.31 0.00	24.38 0.27 0.00	24.03 0.29 0.00	25.70 0.16 0.00	28.83 0.20 0.00	27.01 0.19 0.00	28.27 0.22 0.00	27.19 0.24 0.00	30.28 0.31 0.00	34.28 0.46 0.00	39.89 0.59 0.00	41.29 0.76 0.00	43.74 0.86 0.00	41.25 0.78 0.00	40.79 0.54 0.00	32.94 0.34 0.00	28.40 0.29 0.00
ONEIDA___115KV_TB4 55905	21.84 0.43 0.00	22.40 0.42 0.00	20.83 0.39 0.00	18.89 0.34 0.00	19.97 0.39 0.00	24.21 0.50 0.00	25.78 0.58 0.00	26.23 0.61 0.00	24.63 0.52 0.00	24.31 0.57 0.00	25.97 0.43 0.00	29.19 0.56 0.00	27.39 0.58 0.00	28.71 0.66 0.00	27.56 0.61 0.00	30.71 0.74 0.00	34.71 0.89 0.00	40.46 1.16 0.00	41.89 1.36 0.00	44.32 1.45 0.00	41.84 1.37 0.00	41.49 1.24 0.00	33.51 0.91 0.00	28.83 0.71 0.00
ONONDAGA_REF_OCCRA 23987	21.29 -0.11 0.00	21.87 -0.10 0.00	20.32 -0.13 0.00	18.43 -0.12 0.00	19.49 -0.09 0.00	23.62 -0.09 0.00	25.06 -0.13 0.00	25.54 -0.09 0.00	24.04 -0.07 0.00	23.71 -0.03 0.00	25.51 -0.03 0.00	28.77 0.14 0.00	26.98 0.17 0.00	28.26 0.22 0.00	27.06 0.11 0.00	30.15 0.18 0.00	34.01 0.18 0.00	39.60 0.29 0.00	40.90 0.38 0.00	43.14 0.27 0.00	40.63 0.15 0.00	40.34 0.09 0.00	32.62 0.02 0.00	28.06 -0.05 0.00
ONONDAGA___COGEN 23986	21.36 -0.04 0.00	21.96 -0.02 0.00	20.39 -0.05 0.00	18.51 -0.04 0.00	19.57 -0.01 0.00	23.70 -0.01 0.00	25.15 -0.04 0.00	25.61 -0.02 0.00	24.12 0.00 0.00	23.78 0.04 0.00	25.58 0.04 0.00	28.84 0.21 0.00	27.06 0.25 0.00	28.33 0.28 0.00	27.11 0.16 0.00	30.22 0.25 0.00	34.10 0.28 0.00	39.74 0.43 0.00	41.06 0.53 0.00	43.32 0.44 0.00	40.80 0.33 0.00	40.50 0.24 0.00	32.72 0.12 0.00	28.16 0.05 0.00
ONTARIO___LFGE 23819	21.28 -0.13 0.00	21.92 -0.06 0.00	20.34 -0.11 0.00	18.39 -0.16 0.00	19.52 -0.07 0.00	23.83 0.12 0.00	25.38 0.18 0.00	25.85 0.22 0.00	24.43 0.32 0.00	24.02 0.28 0.00	25.90 0.36 0.00	29.42 0.79 0.00	27.53 0.72 0.00	28.70 0.66 0.00	27.33 0.38 0.00	30.49 0.52 0.00	34.17 0.35 0.00	40.13 0.83 0.00	41.52 1.00 0.00	43.75 0.87 0.00	40.98 0.51 0.00	40.78 0.53 0.00	33.11 0.50 0.00	28.37 0.26 0.00
ORANGEVILLE_WT_PWR 323706	20.72 -0.68 0.00	21.48 -0.49 0.00	19.90 -0.54 0.00	17.93 -0.62 0.00	19.06 -0.53 0.00	23.48 -0.24 0.00	24.96 -0.24 0.00	25.44 -0.18 0.00	24.18 0.07 0.00	23.88 0.14 0.00	25.87 0.34 0.00	29.78 1.04 -0.11	28.01 0.87 -0.33	28.80 0.70 -0.05	27.39 0.13 -0.31	31.00 0.31 -0.72	34.85 -0.03 -1.06	41.39 0.42 -1.67	42.25 0.26 -1.46	44.21 0.03 -1.30	40.07 -0.41 0.00	40.02 -0.23 0.00	32.58 -0.02 0.00	27.98 -0.13 0.00
ORANGEVILLE___ESR 323794	20.72 -0.68 0.00	21.48 -0.49 0.00	19.90 -0.54 0.00	17.93 -0.62 0.00	19.06 -0.53 0.00	23.48 -0.24 0.00	24.96 -0.24 0.00	25.44 -0.18 0.00	24.18 0.07 0.00	23.88 0.14 0.00	25.87 0.34 0.00	29.78 1.04 -0.11	28.01 0.87 -0.33	28.80 0.70 -0.05	27.39 0.13 -0.31	31.00 0.31 -0.72	34.85 -0.03 -1.06	41.39 0.42 -1.67	42.25 0.26 -1.46	44.21 0.03 -1.30	40.07 -0.41 0.00	40.02 -0.23 0.00	32.58 -0.02 0.00	27.98 -0.13 0.00
OSWEGATCHIE___HYD 24044	21.01 -0.39 0.00	21.59 -0.38 0.00	19.98 -0.47 0.00	18.18 -0.37 0.00	19.19 -0.39 0.00	23.25 -0.46 0.00	24.81 -0.39 0.00	24.85 -0.77 0.00	23.30 -0.81 0.00	22.84 -0.90 0.00	24.43 -1.10 0.00	27.28 -1.35 0.00	25.39 -1.42 0.00	26.42 -1.62 0.00	25.50 -1.46 0.00	28.40 -1.57 0.00	32.21 -1.61 0.00	37.74 -1.57 0.00	39.21 -1.31 0.00	41.83 -1.05 0.00	39.45 -1.03 0.00	38.98 -1.27 0.00	31.51 -1.10 0.00	27.23 -0.89 0.00
OSWEGO___5 23606	20.95 -0.45 0.00	21.54 -0.44 0.00	20.03 -0.42 0.00	18.16 -0.39 0.00	19.20 -0.39 0.00	23.25 -0.46 0.00	24.66 -0.54 0.00	25.09 -0.53 0.00	23.61 -0.50 0.00	23.26 -0.48 0.00	25.01 -0.52 0.00	28.16 -0.47 0.00	26.40 -0.41 0.00	27.62 -0.43 0.00	26.46 -0.50 0.00	29.47 -0.50 0.00	33.24 -0.58 0.00	38.71 -0.59 0.00	39.97 -0.56 0.00	42.19 -0.69 0.00	39.77 -0.71 0.00	39.51 -0.74 0.00	31.99 -0.61 0.00	27.55 -0.55 0.00

OSWEGO___6 23613	20.95 -0.45 0.00	21.54 -0.44 0.00	20.03 -0.42 0.00	18.16 -0.39 0.00	19.20 -0.39 0.00	23.25 -0.46 0.00	24.66 -0.54 0.00	25.09 -0.53 0.00	23.61 -0.50 0.00	23.26 -0.48 0.00	25.01 -0.52 0.00	28.16 -0.47 0.00	26.40 -0.41 0.00	27.62 -0.43 0.00	26.46 -0.50 0.00	29.47 -0.50 0.00	33.24 -0.58 0.00	38.71 -0.59 0.00	39.97 -0.56 0.00	42.19 -0.69 0.00	39.77 -0.71 0.00	39.51 -0.74 0.00	31.99 -0.61 0.00	27.55 -0.55 0.00
OUTOKUMPU-AB___DRP 24206	20.52 -0.88 0.00	21.33 -0.64 0.00	19.73 -0.72 0.00	17.75 -0.81 0.00	18.89 -0.70 0.00	23.34 -0.37 0.00	24.83 -0.36 0.00	25.41 -0.21 0.00	24.13 0.02 0.00	23.84 0.10 0.00	25.92 0.39 0.00	29.87 1.17 -0.08	28.03 1.00 -0.22	28.86 0.77 -0.04	27.24 0.09 -0.21	30.82 0.37 -0.48	34.66 0.12 -0.71	41.03 0.61 -1.11	41.90 0.39 -0.98	43.77 0.03 -0.87	40.09 -0.38 0.00	39.91 -0.34 0.00	32.58 -0.03 0.00	28.02 -0.09 0.00
OXBOW___BTM 323836	20.22 -1.18 0.00	21.04 -0.94 0.00	19.47 -0.98 0.00	17.51 -1.04 0.00	18.63 -0.95 0.00	23.04 -0.67 0.00	24.54 -0.66 0.00	25.12 -0.50 0.00	23.83 -0.28 0.00	23.54 -0.20 0.00	25.59 0.06 0.00	29.50 0.82 -0.05	27.64 0.68 -0.15	28.51 0.44 -0.02	26.87 -0.22 -0.14	30.29 0.00 -0.32	34.03 -0.27 -0.47	40.19 0.15 -0.74	41.08 -0.10 -0.65	42.95 -0.50 -0.58	39.60 -0.87 0.00	39.41 -0.84 0.00	32.21 -0.40 0.00	27.72 -0.39 0.00
OXBOW____ 24026	20.22 -1.18 0.00	21.04 -0.94 0.00	19.47 -0.98 0.00	17.51 -1.04 0.00	18.63 -0.95 0.00	23.04 -0.67 0.00	24.54 -0.66 0.00	25.11 -0.51 0.00	23.83 -0.28 0.00	23.54 -0.19 0.00	25.59 0.05 0.00	29.50 0.82 -0.05	27.63 0.67 -0.15	28.51 0.44 -0.02	26.85 -0.24 -0.14	30.29 0.00 -0.32	34.01 -0.28 -0.47	40.18 0.13 -0.74	41.08 -0.10 -0.65	42.94 -0.52 -0.58	39.60 -0.88 0.00	39.43 -0.82 0.00	32.21 -0.40 0.00	27.72 -0.39 0.00
OXY_CHEM_DSASP 323612	19.92 -1.48 0.00	20.74 -1.24 0.00	19.19 -1.25 0.00	17.27 -1.28 0.00	18.38 -1.20 0.00	22.74 -0.97 0.00	24.23 -0.96 0.00	24.80 -0.83 0.00	23.52 -0.59 0.00	23.23 -0.51 0.00	25.21 -0.32 0.00	29.05 0.42 0.00	27.09 0.28 0.00	28.08 0.03 0.00	26.32 -0.64 0.00	29.49 -0.47 0.00	33.03 -0.79 0.00	38.82 -0.48 0.00	39.78 -0.75 0.00	41.69 -1.19 0.00	39.00 -1.48 0.00	38.84 -1.41 0.00	31.76 -0.84 0.00	27.37 -0.74 0.00
OZONE_PARK_ESR 323760	22.56 1.16 0.00	22.97 1.00 0.00	21.32 0.87 0.00	19.38 0.83 0.00	20.39 0.80 0.00	24.61 0.90 0.00	26.38 1.18 0.00	27.09 1.46 0.00	25.60 1.49 0.00	25.35 1.61 0.00	27.39 1.85 0.00	30.96 2.33 0.00	29.20 2.39 0.00	30.68 2.63 0.00	29.38 2.42 0.00	32.74 2.77 0.00	36.91 3.09 0.00	42.73 3.42 0.00	44.07 3.54 0.00	46.03 3.15 0.00	43.34 2.87 0.00	43.19 2.94 0.00	35.02 2.42 0.00	30.08 1.97 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	19.92 -1.48 0.00	20.74 -1.24 0.00	19.19 -1.25 0.00	17.27 -1.28 0.00	18.38 -1.20 0.00	22.74 -0.97 0.00	24.23 -0.96 0.00	24.80 -0.83 0.00	23.52 -0.59 0.00	23.23 -0.51 0.00	25.21 -0.32 0.00	29.05 0.42 0.00	27.09 0.28 0.00	28.08 0.03 0.00	26.32 -0.64 0.00	29.49 -0.47 0.00	33.03 -0.79 0.00	38.82 -0.48 0.00	39.78 -0.75 0.00	41.69 -1.19 0.00	39.00 -1.48 0.00	38.84 -1.41 0.00	31.76 -0.84 0.00	27.37 -0.74 0.00
PACKARD___115KV_DUPONT_184 80571	19.92 -1.48 0.00	20.74 -1.24 0.00	19.19 -1.25 0.00	17.27 -1.28 0.00	18.38 -1.20 0.00	22.74 -0.97 0.00	24.23 -0.96 0.00	24.80 -0.83 0.00	23.52 -0.59 0.00	23.23 -0.51 0.00	25.21 -0.32 0.00	29.05 0.42 0.00	27.09 0.28 0.00	28.08 0.03 0.00	26.32 -0.64 0.00	29.49 -0.47 0.00	33.03 -0.79 0.00	38.82 -0.48 0.00	39.78 -0.75 0.00	41.69 -1.19 0.00	39.00 -1.48 0.00	38.84 -1.41 0.00	31.76 -0.84 0.00	27.37 -0.74 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	22.38 0.98 0.00	22.80 0.82 0.00	21.17 0.72 0.00	19.24 0.69 0.00	20.23 0.64 0.00	24.43 0.72 0.00	26.20 1.01 0.00	26.84 1.22 0.00	25.35 1.24 0.00	25.07 1.33 0.00	27.08 1.55 0.00	30.58 1.95 0.00	28.83 2.02 0.00	30.27 2.22 0.00	28.98 2.03 0.00	32.27 2.30 0.00	36.39 2.57 0.00	42.11 2.81 0.00	43.42 2.89 0.00	45.44 2.56 0.00	42.80 2.33 0.00	42.69 2.44 0.00	34.65 2.05 0.00	29.76 1.64 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	22.38 0.98 0.00	22.80 0.82 0.00	21.17 0.72 0.00	19.24 0.69 0.00	20.23 0.64 0.00	24.44 0.72 0.00	26.20 1.01 0.00	26.85 1.22 0.00	25.40 1.28 0.00	25.07 1.33 0.00	27.09 1.55 0.00	30.61 1.98 0.00	28.83 2.02 0.00	30.27 2.22 0.00	28.99 2.03 0.00	32.28 2.31 0.00	36.40 2.58 0.00	42.18 2.88 0.00	43.49 2.96 0.00	45.49 2.61 0.00	42.81 2.33 0.00	42.72 2.47 0.00	34.74 2.14 0.00	29.84 1.73 0.00
PATROON___115KV_TB1 80586	21.69 0.28 0.00	22.25 0.27 0.00	20.86 0.41 0.00	18.95 0.40 0.00	20.00 0.42 0.00	24.08 0.37 0.00	25.63 0.43 0.00	26.16 0.53 0.00	24.42 0.31 0.00	24.03 0.28 0.00	25.75 0.21 0.00	28.86 0.23 0.00	27.11 0.30 0.00	28.44 0.39 0.00	27.32 0.37 0.00	30.38 0.41 0.00	34.42 0.60 0.00	39.89 0.59 0.00	41.35 0.82 0.00	43.62 0.74 0.00	41.36 0.89 0.00	41.11 0.86 0.00	33.25 0.65 0.00	28.65 0.54 0.00
PATTRSNVILLE___SOLAR 323815	22.00 0.60 0.00	22.56 0.58 0.00	21.00 0.55 0.00	19.07 0.52 0.00	20.12 0.54 0.00	24.33 0.61 0.00	25.89 0.69 0.00	26.25 0.63 0.00	24.47 0.36 0.00	23.96 0.22 0.00	25.75 0.22 0.00	28.93 0.30 0.00	27.17 0.36 0.00	28.50 0.45 0.00	27.37 0.42 0.00	30.55 0.58 0.00	34.56 0.74 0.00	40.36 1.06 0.00	41.94 1.41 0.00	44.44 1.56 0.00	42.09 1.62 0.00	41.85 1.60 0.00	33.85 1.24 0.00	29.13 1.02 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	20.86 -0.54 0.00	21.64 -0.34 0.00	20.03 -0.41 0.00	18.03 -0.52 0.00	19.18 -0.41 0.00	23.67 -0.04 0.00	25.14 -0.06 0.00	25.71 0.09 0.00	24.46 0.35 0.00	24.17 0.43 0.00	26.22 0.69 0.00	30.26 1.38 -0.24	28.67 1.15 -0.71	29.26 1.10 -0.11	28.02 0.41 -0.66	32.19 0.67 -1.55	36.52 0.42 -2.28	43.86 0.98 -3.57	44.45 0.79 -3.14	46.09 0.42 -2.79	40.51 0.04 0.00	40.36 0.11 0.00	32.87 0.26 0.00	28.23 0.12 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	22.35 0.95 0.00	22.79 0.82 0.00	21.16 0.72 0.00	19.24 0.69 0.00	20.26 0.67 0.00	24.46 0.75 0.00	26.18 0.99 0.00	26.84 1.22 0.00	25.32 1.21 0.00	25.04 1.30 0.00	27.03 1.50 0.00	30.51 1.88 0.00	28.74 1.93 0.00	30.21 2.16 0.00	28.96 2.01 0.00	32.32 2.35 0.00	36.49 2.67 0.00	42.32 3.02 0.00	43.71 3.19 0.00	45.76 2.88 0.00	43.08 2.61 0.00	42.85 2.60 0.00	34.65 2.05 0.00	29.77 1.66 0.00
PEEKSKILL____ 23653	22.16 0.76 0.00	22.59 0.61 0.00	20.97 0.53 0.00	19.06 0.51 0.00	20.06 0.48 0.00	24.23 0.52 0.00	25.93 0.74 0.00	26.59 0.96 0.00	25.08 0.97 0.00	24.83 1.08 0.00	26.81 1.28 0.00	30.27 1.64 0.00	28.53 1.72 0.00	29.96 1.92 0.00	28.69 1.74 0.00	32.00 2.04 0.00	36.08 2.26 0.00	41.81 2.51 0.00	43.15 2.63 0.00	45.14 2.26 0.00	42.52 2.05 0.00	42.32 2.06 0.00	34.27 1.66 0.00	29.48 1.37 0.00

PGE MADISON___WINDPWR 24146	22.69 1.29 0.00	23.27 1.29 0.00	21.59 1.15 0.00	19.56 1.00 0.00	20.75 1.16 0.00	25.23 1.52 0.00	27.02 1.82 0.00	27.58 1.95 0.00	25.86 1.75 0.00	25.21 1.47 0.00	27.08 1.54 0.00	30.40 1.77 0.00	28.58 1.77 0.00	29.95 1.91 0.00	28.53 1.58 0.00	31.70 1.73 0.00	35.76 1.94 0.00	42.05 2.75 0.00	44.15 3.63 0.00	46.89 4.01 0.00	44.15 3.67 0.00	43.74 3.49 0.00	35.18 2.58 0.00	30.16 2.05 0.00
PIERCEFIELD___HYD 23852	20.99 -0.42 0.00	21.61 -0.36 0.00	20.02 -0.42 0.00	18.16 -0.39 0.00	19.17 -0.42 0.00	23.32 -0.39 0.00	24.84 -0.36 0.00	25.00 -0.62 0.00	23.51 -0.60 0.00	23.02 -0.72 0.00	24.75 -0.79 0.00	27.57 -1.06 0.00	25.63 -1.18 0.00	26.62 -1.42 0.00	25.77 -1.18 0.00	28.60 -1.36 0.00	32.33 -1.49 0.00	37.71 -1.59 0.00	38.96 -1.56 0.00	41.68 -1.19 0.00	39.34 -1.13 0.00	39.08 -1.18 0.00	31.65 -0.96 0.00	27.34 -0.77 0.00
PINELAWN_CC_1 323563	22.44 1.03 0.00	22.90 0.92 0.00	21.14 0.70 0.00	19.36 0.81 0.00	20.30 0.72 0.00	24.39 0.68 0.00	26.13 0.94 0.00	26.89 1.26 0.00	25.27 1.16 0.00	25.00 1.27 0.00	27.22 1.68 0.00	30.84 2.21 0.00	30.49 2.41 -1.28	32.16 2.64 -1.48	29.15 2.20 0.00	32.37 2.41 0.00	36.54 2.72 0.00	42.08 2.78 0.00	43.61 3.08 0.00	45.41 2.54 0.00	42.79 2.31 0.00	42.87 2.61 0.00	34.90 2.29 0.00	30.08 1.97 0.00
PJM_GEN_HTP_PROXY 323702	22.05 0.89 0.24	22.70 0.73 0.00	21.08 0.63 0.00	19.17 0.62 0.00	20.17 0.58 0.00	24.34 0.63 0.00	26.07 0.88 0.00	26.76 1.14 0.00	25.29 1.18 0.00	25.06 1.32 0.00	27.08 1.54 0.00	30.58 1.95 0.00	28.83 2.02 0.00	30.29 2.24 0.00	29.00 2.05 0.00	32.32 2.35 0.00	36.43 2.61 0.00	42.15 2.85 0.00	43.47 2.94 0.00	45.41 2.53 0.00	42.75 2.28 0.00	42.58 2.33 0.00	34.53 1.93 0.00	29.68 1.57 0.00
PJM_GEN_KEystone 24065	21.11 -0.05 0.24	21.91 -0.07 0.00	20.31 -0.14 0.00	18.40 -0.16 0.00	18.52 -0.13 0.93	23.69 -0.02 0.00	25.28 0.08 0.00	25.84 0.22 0.00	24.49 0.38 0.00	24.25 0.51 0.00	26.19 0.66 0.00	29.83 1.15 -0.05	28.07 1.11 -0.14	29.23 1.16 -0.02	27.93 0.84 -0.14	36.85 1.08 -5.81	35.26 0.97 -0.47	41.32 1.29 -0.73	42.39 1.22 -0.64	44.27 0.82 -0.57	40.94 0.47 0.00	40.83 0.58 0.00	33.12 0.52 0.00	28.46 0.35 0.00
PJM_GEN_NEPTUNE_PROXY 323594	22.01 0.86 0.24	22.72 0.74 0.00	20.99 0.55 0.00	19.20 0.64 0.00	20.15 0.57 0.00	24.23 0.52 0.00	25.93 0.73 0.00	26.64 1.02 0.00	25.07 0.96 0.00	24.83 1.09 0.00	27.00 1.47 0.00	30.58 1.95 0.00	29.61 2.12 -0.68	31.15 2.31 -0.79	28.99 2.03 0.00	32.29 2.33 0.00	36.44 2.62 0.00	42.12 2.81 0.00	43.58 3.06 0.00	45.42 2.54 0.00	42.69 2.22 0.00	42.65 2.40 0.00	34.51 1.91 0.00	29.75 1.64 0.00
PJM_GEN_VFT_PROXY 323633	22.03 0.87 0.24	22.67 0.70 0.00	21.05 0.61 0.00	19.14 0.59 0.00	20.13 0.54 0.00	24.30 0.59 0.00	26.03 0.83 0.00	26.70 1.08 0.00	25.23 1.12 0.00	24.99 1.25 0.00	27.00 1.47 0.00	30.50 1.87 0.00	28.76 1.95 0.00	30.22 2.17 0.00	28.93 1.98 0.00	32.25 2.29 0.00	36.30 2.48 0.00	42.02 2.72 0.00	43.31 2.78 0.00	45.22 2.34 0.00	42.60 2.12 0.00	42.44 2.19 0.00	34.44 1.84 0.00	29.61 1.50 0.00
PLATSBURG_115KV_PMLD1 355749	22.15 0.75 0.00	22.81 0.84 0.00	21.14 0.69 0.00	19.18 0.63 0.00	20.26 0.68 0.00	24.54 0.83 0.00	26.19 1.00 0.00	26.71 1.09 0.00	25.05 0.93 0.00	24.41 0.67 0.00	26.11 0.57 0.00	29.23 0.60 0.00	27.11 0.30 0.00	28.13 0.08 0.00	26.88 -0.08 0.00	29.89 -0.08 0.00	34.08 0.26 0.00	39.56 0.26 0.00	41.21 0.68 0.00	43.95 1.07 0.00	41.27 0.80 0.00	40.98 0.73 0.00	33.56 0.96 0.00	29.05 0.93 0.00
PLEASANTVLY___LBMP 24000	22.07 0.66 0.00	22.52 0.55 0.00	20.94 0.50 0.00	19.04 0.49 0.00	20.05 0.46 0.00	24.19 0.48 0.00	25.85 0.66 0.00	26.48 0.86 0.00	24.94 0.83 0.00	24.64 0.90 0.00	26.57 1.03 0.00	29.94 1.31 0.00	28.18 1.37 0.00	29.59 1.55 0.00	28.35 1.40 0.00	31.60 1.64 0.00	35.68 1.85 0.00	41.33 2.02 0.00	42.70 2.17 0.00	44.77 1.89 0.00	42.26 1.78 0.00	42.06 1.81 0.00	34.05 1.45 0.00	29.31 1.20 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.22 0.82 0.00	22.66 0.69 0.00	21.04 0.60 0.00	19.14 0.58 0.00	20.13 0.55 0.00	24.31 0.60 0.00	26.01 0.81 0.00	26.67 1.04 0.00	25.15 1.04 0.00	24.89 1.15 0.00	26.87 1.33 0.00	30.32 1.70 0.00	28.58 1.77 0.00	30.01 1.97 0.00	28.75 1.80 0.00	32.05 2.09 0.00	36.16 2.34 0.00	41.89 2.59 0.00	43.25 2.72 0.00	45.26 2.38 0.00	42.66 2.19 0.00	42.44 2.19 0.00	34.36 1.76 0.00	29.56 1.45 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.22 0.82 0.00	22.66 0.69 0.00	21.04 0.60 0.00	19.14 0.58 0.00	20.13 0.55 0.00	24.31 0.60 0.00	26.01 0.81 0.00	26.67 1.04 0.00	25.15 1.04 0.00	24.89 1.15 0.00	26.87 1.33 0.00	30.32 1.70 0.00	28.58 1.77 0.00	30.01 1.97 0.00	28.75 1.80 0.00	32.05 2.09 0.00	36.16 2.34 0.00	41.89 2.59 0.00	43.25 2.72 0.00	45.26 2.38 0.00	42.66 2.19 0.00	42.44 2.19 0.00	34.36 1.76 0.00	29.56 1.45 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.22 0.82 0.00	22.67 0.69 0.00	21.07 0.62 0.00	19.15 0.60 0.00	20.17 0.59 0.00	24.36 0.64 0.00	26.04 0.84 0.00	26.68 1.05 0.00	25.13 1.02 0.00	24.83 1.09 0.00	26.77 1.23 0.00	30.16 1.53 0.00	28.39 1.58 0.00	29.83 1.78 0.00	28.60 1.65 0.00	31.92 1.96 0.00	36.09 2.27 0.00	41.88 2.57 0.00	43.28 2.75 0.00	45.36 2.48 0.00	42.75 2.28 0.00	42.52 2.27 0.00	34.38 1.78 0.00	29.55 1.44 0.00
POLETTI___ 23519	22.29 0.89 0.00	22.70 0.72 0.00	21.08 0.63 0.00	19.17 0.62 0.00	20.16 0.58 0.00	24.33 0.62 0.00	26.06 0.86 0.00	26.74 1.12 0.00	25.27 1.16 0.00	25.04 1.30 0.00	27.06 1.52 0.00	30.55 1.92 0.00	28.81 2.00 0.00	30.26 2.22 0.00	28.98 2.03 0.00	32.29 2.33 0.00	36.39 2.57 0.00	42.12 2.81 0.00	43.43 2.90 0.00	45.37 2.49 0.00	42.72 2.25 0.00	42.55 2.30 0.00	34.52 1.92 0.00	29.67 1.56 0.00
POMONA___ESR 323819	22.16 0.75 0.00	22.58 0.60 0.00	20.95 0.51 0.00	19.05 0.49 0.00	20.03 0.45 0.00	24.22 0.51 0.00	25.94 0.74 0.00	26.58 0.96 0.00	25.08 0.97 0.00	24.84 1.10 0.00	26.84 1.30 0.00	30.31 1.68 0.00	28.58 1.77 0.00	30.02 1.98 0.00	28.76 1.81 0.00	32.08 2.12 0.00	36.16 2.34 0.00	41.91 2.61 0.00	43.25 2.72 0.00	45.22 2.34 0.00	42.58 2.11 0.00	42.34 2.09 0.00	34.27 1.67 0.00	29.48 1.36 0.00
PORT_JEFF_3 23555	22.26 0.86 0.00	22.78 0.80 0.00	21.01 0.56 0.00	19.28 0.73 0.00	20.19 0.61 0.00	24.25 0.54 0.00	25.98 0.78 0.00	26.72 1.09 0.00	25.15 1.04 0.00	24.91 1.17 0.00	27.07 1.54 0.00	30.71 2.08 0.00	30.41 2.32 -1.28	32.07 2.55 -1.48	29.19 2.24 0.00	32.57 2.60 0.00	36.88 3.06 0.00	42.44 3.14 0.00	44.03 3.50 0.00	45.79 2.91 0.00	42.96 2.48 0.00	43.02 2.77 0.00	34.73 2.13 0.00	29.97 1.85 0.00

PORT_JEFF_4 23616	22.26 0.86 0.00	22.78 0.80 0.00	21.01 0.56 0.00	19.28 0.73 0.00	20.19 0.61 0.00	24.25 0.54 0.00	25.98 0.78 0.00	26.72 1.09 0.00	25.15 1.04 0.00	24.91 1.17 0.00	27.07 1.54 0.00	30.71 2.08 0.00	30.41 2.32 -1.28	32.07 2.55 -1.48	29.19 2.24 0.00	32.57 2.60 0.00	36.88 3.06 0.00	42.44 3.14 0.00	44.03 3.50 0.00	45.79 2.91 0.00	42.96 2.48 0.00	43.02 2.77 0.00	34.73 2.13 0.00	29.97 1.85 0.00
PORT_JEFF_IC 23713	22.28 0.88 0.00	22.78 0.81 0.00	21.01 0.57 0.00	19.29 0.74 0.00	20.19 0.61 0.00	24.26 0.55 0.00	25.99 0.79 0.00	26.73 1.11 0.00	25.15 1.04 0.00	24.92 1.19 0.00	27.10 1.56 0.00	30.74 2.11 0.00	30.44 2.36 -1.28	32.12 2.60 -1.48	29.25 2.29 0.00	32.63 2.67 0.00	36.94 3.12 0.00	42.38 3.08 0.00	43.98 3.45 0.00	45.73 2.86 0.00	42.88 2.41 0.00	43.06 2.81 0.00	34.77 2.17 0.00	29.99 1.88 0.00
PPL_PILGRIM_ST_GT1 24216	22.46 1.06 0.00	22.96 0.98 0.00	21.18 0.74 0.00	19.42 0.86 0.00	20.35 0.77 0.00	24.45 0.74 0.00	26.19 1.00 0.00	26.94 1.31 0.00	25.32 1.21 0.00	25.07 1.33 0.00	27.30 1.76 0.00	30.96 2.33 0.00	30.63 2.54 -1.28	32.29 2.76 -1.48	29.39 2.44 0.00	32.78 2.81 0.00	37.08 3.25 0.00	42.67 3.37 0.00	44.27 3.74 0.00	46.04 3.16 0.00	43.23 2.76 0.00	43.29 3.04 0.00	34.99 2.38 0.00	30.19 2.08 0.00
PPL_PILGRIM_ST_GT2 24217	22.46 1.06 0.00	22.96 0.98 0.00	21.18 0.74 0.00	19.42 0.86 0.00	20.35 0.77 0.00	24.45 0.74 0.00	26.19 1.00 0.00	26.94 1.31 0.00	25.32 1.21 0.00	25.07 1.33 0.00	27.30 1.76 0.00	30.96 2.33 0.00	30.63 2.54 -1.28	32.29 2.76 -1.48	29.39 2.44 0.00	32.78 2.81 0.00	37.08 3.25 0.00	42.67 3.37 0.00	44.27 3.74 0.00	46.04 3.16 0.00	43.23 2.76 0.00	43.29 3.04 0.00	34.99 2.38 0.00	30.19 2.08 0.00
PPL_SHRM_GT3 24213	22.06 0.65 0.00	22.52 0.55 0.00	20.78 0.33 0.00	19.13 0.58 0.00	19.97 0.39 0.00	24.00 0.28 0.00	25.72 0.52 0.00	26.46 0.83 0.00	24.91 0.80 0.00	24.66 0.92 0.00	26.76 1.22 0.00	30.37 1.74 0.00	30.11 2.02 -1.28	31.80 2.27 -1.48	28.95 2.00 0.00	32.31 2.35 0.00	36.66 2.84 0.00	42.27 2.97 0.00	43.94 3.41 0.00	45.66 2.78 0.00	42.81 2.33 0.00	42.75 2.50 0.00	34.46 1.86 0.00	29.71 1.60 0.00
PPL_SHRM_GT4 24214	22.06 0.65 0.00	22.52 0.55 0.00	20.78 0.33 0.00	19.13 0.58 0.00	19.97 0.39 0.00	24.00 0.28 0.00	25.72 0.52 0.00	26.46 0.83 0.00	24.91 0.80 0.00	24.66 0.92 0.00	26.76 1.22 0.00	30.37 1.74 0.00	30.11 2.02 -1.28	31.80 2.27 -1.48	28.95 2.00 0.00	32.31 2.35 0.00	36.66 2.84 0.00	42.27 2.97 0.00	43.94 3.41 0.00	45.66 2.78 0.00	42.81 2.33 0.00	42.75 2.50 0.00	34.46 1.86 0.00	29.71 1.60 0.00
PROJECT___ORANGE 1 24174	21.21 -0.19 0.00	21.80 -0.18 0.00	20.25 -0.19 0.00	18.37 -0.19 0.00	19.43 -0.16 0.00	23.54 -0.17 0.00	24.98 -0.22 0.00	25.45 -0.17 0.00	23.97 -0.14 0.00	23.64 -0.10 0.00	25.43 -0.11 0.00	28.68 0.05 0.00	26.90 0.09 0.00	28.16 0.11 0.00	26.96 0.00 0.00	30.04 0.07 0.00	33.88 0.06 0.00	39.46 0.15 0.00	40.74 0.21 0.00	42.95 0.07 0.00	40.46 -0.02 0.00	40.17 -0.08 0.00	32.49 -0.11 0.00	27.97 -0.15 0.00
PROJECT___ORANGE 2 24166	21.21 -0.19 0.00	21.80 -0.18 0.00	20.25 -0.19 0.00	18.37 -0.19 0.00	19.43 -0.16 0.00	23.54 -0.17 0.00	24.98 -0.22 0.00	25.45 -0.17 0.00	23.97 -0.14 0.00	23.64 -0.10 0.00	25.43 -0.11 0.00	28.68 0.05 0.00	26.90 0.09 0.00	28.16 0.11 0.00	26.96 0.00 0.00	30.04 0.07 0.00	33.88 0.06 0.00	39.46 0.15 0.00	40.74 0.21 0.00	42.95 0.07 0.00	40.46 -0.02 0.00	40.17 -0.08 0.00	32.49 -0.11 0.00	27.97 -0.15 0.00
PUCKETT___SOLAR 323809	21.67 0.26 0.00	22.25 0.27 0.00	20.67 0.22 0.00	18.73 0.17 0.00	19.83 0.25 0.00	24.10 0.40 0.00	25.67 0.48 0.00	26.23 0.61 0.00	24.69 0.58 0.00	24.22 0.48 0.00	26.08 0.54 0.00	29.46 0.83 0.00	27.63 0.82 0.00	28.94 0.90 0.00	27.65 0.70 0.00	30.72 0.76 0.00	34.70 0.87 0.00	40.53 1.23 0.00	42.01 1.48 0.00	44.38 1.50 0.00	41.73 1.26 0.00	41.50 1.25 0.00	33.55 0.95 0.00	28.82 0.71 0.00
PYRITES___HYD 24023	21.51 0.11 0.00	22.15 0.17 0.00	20.53 0.08 0.00	18.60 0.05 0.00	19.64 0.06 0.00	23.92 0.21 0.00	25.51 0.32 0.00	25.66 0.03 0.00	24.05 -0.06 0.00	23.47 -0.27 0.00	25.19 -0.35 0.00	28.03 -0.60 0.00	26.05 -0.76 0.00	27.05 -0.99 0.00	26.24 -0.72 0.00	29.09 -0.88 0.00	32.88 -0.94 0.00	38.35 -0.96 0.00	39.73 -0.79 0.00	42.82 -0.06 0.00	40.53 0.06 0.00	40.27 0.02 0.00	32.57 -0.03 0.00	28.10 -0.01 0.00
QUAKERRD_115KV_BK1 80622	20.59 -0.81 0.00	21.25 -0.72 0.00	19.71 -0.73 0.00	17.82 -0.74 0.00	18.89 -0.70 0.00	23.09 -0.62 0.00	24.53 -0.66 0.00	25.04 -0.59 0.00	23.64 -0.48 0.00	23.32 -0.42 0.00	25.22 -0.32 0.00	28.64 0.01 0.00	26.84 0.03 0.00	27.98 -0.06 0.00	26.56 -0.39 0.00	29.70 -0.26 0.00	33.41 -0.41 0.00	39.11 -0.20 0.00	40.32 -0.20 0.00	42.39 -0.49 0.00	39.77 -0.70 0.00	39.48 -0.77 0.00	32.01 -0.59 0.00	27.50 -0.61 0.00
QUENSBRY_115KV_TB8 356137	22.50 1.10 0.00	23.12 1.14 0.00	21.53 1.09 0.00	19.52 0.97 0.00	20.63 1.05 0.00	24.97 1.26 0.00	26.61 1.42 0.00	27.22 1.60 0.00	25.45 1.34 0.00	24.82 1.09 0.00	26.40 0.86 0.00	29.63 1.00 0.00	27.68 0.87 0.00	29.14 1.09 0.00	27.99 1.04 0.00	31.37 1.40 0.00	35.84 2.02 0.00	41.64 2.33 0.00	44.25 3.72 0.00	46.79 3.92 0.00	44.64 4.17 0.00	44.00 3.75 0.00	35.48 2.88 0.00	30.45 2.34 0.00
RAMAPO___LBMP 323565	22.06 0.66 0.00	22.50 0.52 0.00	20.88 0.44 0.00	18.97 0.42 0.00	19.97 0.39 0.00	24.14 0.43 0.00	25.84 0.65 0.00	26.48 0.86 0.00	24.98 0.87 0.00	24.73 0.99 0.00	26.71 1.18 0.00	30.16 1.54 0.00	28.43 1.62 0.00	29.86 1.81 0.00	28.61 1.66 0.00	31.90 1.93 0.00	35.95 2.13 0.00	41.66 2.36 0.00	43.00 2.48 0.00	44.98 2.10 0.00	42.35 1.88 0.00	42.13 1.87 0.00	34.10 1.50 0.00	29.35 1.24 0.00
RANKINE____ 23646	20.74 -0.66 0.00	21.54 -0.44 0.00	19.94 -0.51 0.00	17.95 -0.61 0.00	19.09 -0.50 0.00	23.56 -0.15 0.00	25.04 -0.16 0.00	25.60 -0.02 0.00	24.34 0.23 0.00	24.05 0.31 0.00	26.11 0.57 0.00	30.22 1.30 -0.29	28.77 1.11 -0.84	29.15 0.96 -0.14	28.03 0.29 -0.79	32.37 0.55 -1.85	36.84 0.30 -2.72	44.40 0.84 -4.26	44.93 0.65 -3.74	46.51 0.30 -3.33	40.33 -0.15 0.00	40.19 -0.06 0.00	32.75 0.15 0.00	28.14 0.03 0.00
RAVENSWOOD_GT2_1 24244	22.33 0.93 0.00	22.75 0.77 0.00	21.12 0.67 0.00	19.21 0.66 0.00	20.20 0.62 0.00	24.39 0.68 0.00	26.12 0.93 0.00	26.80 1.18 0.00	25.32 1.21 0.00	25.09 1.35 0.00	27.10 1.57 0.00	30.61 1.98 0.00	28.87 2.05 0.00	30.32 2.27 0.00	29.03 2.08 0.00	32.35 2.39 0.00	36.46 2.64 0.00	42.20 2.89 0.00	43.51 2.98 0.00	45.47 2.59 0.00	42.82 2.34 0.00	42.66 2.41 0.00	34.59 1.99 0.00	29.74 1.63 0.00

RAVENSWOOD_GT2_2 24245	22.33 0.93 0.00	22.75 0.77 0.00	21.12 0.67 0.00	19.21 0.66 0.00	20.20 0.62 0.00	24.39 0.68 0.00	26.12 0.93 0.00	26.80 1.18 0.00	25.32 1.21 0.00	25.09 1.35 0.00	27.10 1.57 0.00	30.61 1.98 0.00	28.87 2.05 0.00	30.32 2.27 0.00	29.03 2.08 0.00	32.35 2.39 0.00	36.46 2.64 0.00	42.20 2.89 0.00	43.51 2.98 0.00	45.47 2.59 0.00	42.82 2.34 0.00	42.66 2.41 0.00	34.59 1.99 0.00	29.74 1.63 0.00
RAVENSWOOD_GT2_3 24246	22.33 0.93 0.00	22.76 0.78 0.00	21.12 0.68 0.00	19.21 0.66 0.00	20.21 0.62 0.00	24.39 0.68 0.00	26.13 0.93 0.00	26.81 1.19 0.00	25.33 1.22 0.00	25.09 1.35 0.00	27.10 1.57 0.00	30.61 1.98 0.00	28.87 2.05 0.00	30.32 2.28 0.00	29.03 2.08 0.00	32.36 2.40 0.00	36.47 2.64 0.00	42.21 2.90 0.00	43.52 3.00 0.00	45.49 2.61 0.00	42.84 2.37 0.00	42.67 2.42 0.00	34.60 2.00 0.00	29.74 1.63 0.00
RAVENSWOOD_GT2_4 24247	22.33 0.93 0.00	22.76 0.78 0.00	21.12 0.68 0.00	19.21 0.66 0.00	20.21 0.62 0.00	24.39 0.68 0.00	26.13 0.93 0.00	26.81 1.19 0.00	25.33 1.22 0.00	25.09 1.35 0.00	27.10 1.57 0.00	30.61 1.98 0.00	28.87 2.05 0.00	30.32 2.28 0.00	29.03 2.08 0.00	32.36 2.40 0.00	36.47 2.64 0.00	42.21 2.90 0.00	43.52 3.00 0.00	45.49 2.61 0.00	42.84 2.37 0.00	42.67 2.42 0.00	34.60 2.00 0.00	29.74 1.63 0.00
RAVENSWOOD_GT3_1 24248	22.33 0.93 0.00	22.75 0.77 0.00	21.12 0.68 0.00	19.21 0.66 0.00	20.20 0.62 0.00	24.39 0.68 0.00	26.12 0.93 0.00	26.81 1.18 0.00	25.32 1.22 0.00	25.09 1.35 0.00	27.10 1.57 0.00	30.61 1.98 0.00	28.87 2.05 0.00	30.32 2.27 0.00	29.03 2.08 0.00	32.35 2.39 0.00	36.46 2.64 0.00	42.20 2.89 0.00	43.51 2.98 0.00	45.47 2.59 0.00	42.82 2.35 0.00	42.66 2.41 0.00	34.59 1.99 0.00	29.74 1.63 0.00
RAVENSWOOD_GT3_2 24249	22.33 0.93 0.00	22.75 0.77 0.00	21.12 0.68 0.00	19.21 0.66 0.00	20.20 0.62 0.00	24.39 0.68 0.00	26.12 0.93 0.00	26.81 1.18 0.00	25.32 1.22 0.00	25.09 1.35 0.00	27.10 1.57 0.00	30.61 1.98 0.00	28.87 2.05 0.00	30.32 2.27 0.00	29.03 2.08 0.00	32.35 2.39 0.00	36.46 2.64 0.00	42.20 2.89 0.00	43.51 2.98 0.00	45.47 2.59 0.00	42.82 2.35 0.00	42.66 2.41 0.00	34.59 1.99 0.00	29.74 1.63 0.00
RAVENSWOOD_GT3_3 24250	22.37 0.97 0.00	22.79 0.81 0.00	21.15 0.71 0.00	19.23 0.68 0.00	20.23 0.65 0.00	24.42 0.71 0.00	26.17 0.97 0.00	26.84 1.22 0.00	25.37 1.26 0.00	25.13 1.39 0.00	27.15 1.62 0.00	30.67 2.04 0.00	28.92 2.11 0.00	30.38 2.33 0.00	29.09 2.13 0.00	32.41 2.45 0.00	36.53 2.71 0.00	42.28 2.97 0.00	43.59 3.06 0.00	45.55 2.68 0.00	42.90 2.42 0.00	42.74 2.49 0.00	34.66 2.05 0.00	29.78 1.67 0.00
RAVENSWOOD_GT3_4 24251	22.37 0.97 0.00	22.79 0.81 0.00	21.15 0.71 0.00	19.23 0.68 0.00	20.23 0.65 0.00	24.42 0.71 0.00	26.17 0.97 0.00	26.84 1.22 0.00	25.37 1.26 0.00	25.13 1.39 0.00	27.15 1.62 0.00	30.67 2.04 0.00	28.92 2.11 0.00	30.38 2.33 0.00	29.09 2.13 0.00	32.41 2.45 0.00	36.53 2.71 0.00	42.28 2.97 0.00	43.59 3.06 0.00	45.55 2.68 0.00	42.90 2.42 0.00	42.74 2.49 0.00	34.66 2.05 0.00	29.78 1.67 0.00
RAVENSWOOD_GT_1 23729	22.43 1.03 0.00	22.80 0.82 0.00	21.16 0.72 0.00	19.26 0.71 0.00	20.23 0.65 0.00	24.44 0.73 0.00	26.21 1.01 0.00	26.89 1.27 0.00	25.41 1.30 0.00	25.17 1.43 0.00	27.19 1.66 0.00	30.72 2.09 0.00	28.96 2.15 0.00	30.42 2.37 0.00	29.11 2.16 0.00	32.43 2.47 0.00	36.55 2.73 0.00	42.26 2.96 0.00	43.55 3.03 0.00	45.53 2.65 0.00	42.88 2.40 0.00	42.77 2.51 0.00	34.70 2.10 0.00	29.81 1.70 0.00
RAVENSWOOD_GT_10 24258	22.33 0.93 0.00	22.75 0.77 0.00	21.12 0.68 0.00	19.21 0.66 0.00	20.20 0.62 0.00	24.39 0.68 0.00	26.12 0.93 0.00	26.81 1.18 0.00	25.33 1.22 0.00	25.09 1.35 0.00	27.10 1.57 0.00	30.61 1.98 0.00	28.87 2.05 0.00	30.32 2.28 0.00	29.03 2.08 0.00	32.35 2.39 0.00	36.46 2.64 0.00	42.20 2.89 0.00	43.51 2.98 0.00	45.47 2.59 0.00	42.82 2.35 0.00	42.66 2.41 0.00	34.60 1.99 0.00	29.74 1.63 0.00
RAVENSWOOD_GT_11 24259	22.33 0.93 0.00	22.75 0.77 0.00	21.12 0.68 0.00	19.21 0.66 0.00	20.20 0.62 0.00	24.39 0.68 0.00	26.12 0.93 0.00	26.81 1.18 0.00	25.33 1.22 0.00	25.09 1.35 0.00	27.10 1.57 0.00	30.61 1.98 0.00	28.87 2.05 0.00	30.32 2.28 0.00	29.03 2.08 0.00	32.35 2.39 0.00	36.46 2.64 0.00	42.20 2.89 0.00	43.51 2.98 0.00	45.47 2.59 0.00	42.82 2.35 0.00	42.66 2.41 0.00	34.60 1.99 0.00	29.74 1.63 0.00
RAVENSWOOD_GT_4 24252	22.32 0.92 0.00	22.75 0.77 0.00	21.11 0.67 0.00	19.20 0.64 0.00	20.20 0.61 0.00	24.38 0.67 0.00	26.11 0.91 0.00	26.79 1.16 0.00	25.31 1.20 0.00	25.07 1.33 0.00	27.09 1.55 0.00	30.59 1.96 0.00	28.85 2.04 0.00	30.30 2.26 0.00	29.02 2.07 0.00	32.34 2.38 0.00	36.44 2.62 0.00	42.19 2.89 0.00	43.51 2.98 0.00	45.46 2.58 0.00	42.81 2.34 0.00	42.64 2.38 0.00	34.58 1.98 0.00	29.72 1.61 0.00
RAVENSWOOD_GT_5 24254	22.32 0.92 0.00	22.75 0.77 0.00	21.11 0.67 0.00	19.20 0.64 0.00	20.20 0.61 0.00	24.38 0.67 0.00	26.11 0.91 0.00	26.79 1.16 0.00	25.31 1.20 0.00	25.07 1.33 0.00	27.09 1.55 0.00	30.59 1.96 0.00	28.85 2.04 0.00	30.30 2.26 0.00	29.02 2.07 0.00	32.34 2.38 0.00	36.44 2.62 0.00	42.19 2.89 0.00	43.51 2.98 0.00	45.46 2.58 0.00	42.81 2.34 0.00	42.64 2.38 0.00	34.58 1.98 0.00	29.72 1.61 0.00
RAVENSWOOD_GT_6 24253	22.32 0.92 0.00	22.75 0.77 0.00	21.11 0.67 0.00	19.20 0.64 0.00	20.20 0.61 0.00	24.38 0.67 0.00	26.11 0.91 0.00	26.79 1.16 0.00	25.31 1.20 0.00	25.07 1.33 0.00	27.09 1.55 0.00	30.59 1.96 0.00	28.85 2.04 0.00	30.30 2.26 0.00	29.02 2.07 0.00	32.34 2.38 0.00	36.44 2.62 0.00	42.19 2.89 0.00	43.51 2.98 0.00	45.46 2.58 0.00	42.81 2.34 0.00	42.64 2.38 0.00	34.58 1.98 0.00	29.72 1.61 0.00
RAVENSWOOD_GT_7 24255	22.32 0.92 0.00	22.75 0.77 0.00	21.11 0.67 0.00	19.20 0.64 0.00	20.20 0.61 0.00	24.38 0.67 0.00	26.11 0.91 0.00	26.79 1.16 0.00	25.31 1.20 0.00	25.07 1.33 0.00	27.09 1.55 0.00	30.59 1.96 0.00	28.85 2.04 0.00	30.30 2.26 0.00	29.02 2.07 0.00	32.34 2.38 0.00	36.44 2.62 0.00	42.19 2.89 0.00	43.51 2.98 0.00	45.46 2.58 0.00	42.81 2.34 0.00	42.64 2.38 0.00	34.58 1.98 0.00	29.72 1.61 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.33 0.93 0.00	22.75 0.77 0.00	21.12 0.68 0.00	19.21 0.66 0.00	20.20 0.62 0.00	24.39 0.68 0.00	26.12 0.93 0.00	26.81 1.18 0.00	25.33 1.22 0.00	25.09 1.35 0.00	27.10 1.57 0.00	30.61 1.98 0.00	28.87 2.05 0.00	30.32 2.28 0.00	29.03 2.08 0.00	32.35 2.39 0.00	36.46 2.64 0.00	42.20 2.89 0.00	43.51 2.98 0.00	45.47 2.59 0.00	42.82 2.35 0.00	42.66 2.41 0.00	34.60 1.99 0.00	29.74 1.63 0.00

RAVENSWOOD_GT_9 24257	22.33 0.93 0.00	22.75 0.77 0.00	21.12 0.68 0.00	19.21 0.66 0.00	20.20 0.62 0.00	24.39 0.68 0.00	26.12 0.93 0.00	26.81 1.18 0.00	25.33 1.22 0.00	25.09 1.35 0.00	27.10 1.57 0.00	30.61 1.98 0.00	28.87 2.05 0.00	30.32 2.28 0.00	29.03 2.08 0.00	32.35 2.39 0.00	36.46 2.64 0.00	42.20 2.89 0.00	43.51 2.98 0.00	45.47 2.59 0.00	42.82 2.35 0.00	42.66 2.41 0.00	34.60 1.99 0.00	29.74 1.63 0.00
RAVENSWOOD___1 23533	22.39 0.98 0.00	22.80 0.82 0.00	21.16 0.72 0.00	19.26 0.70 0.00	20.23 0.65 0.00	24.44 0.73 0.00	26.20 1.01 0.00	26.89 1.27 0.00	25.42 1.30 -0.01	25.17 1.43 0.00	27.19 1.66 0.00	30.71 2.08 0.00	28.96 2.15 0.00	30.42 2.37 0.00	29.12 2.16 0.00	32.43 2.46 0.00	36.55 2.73 0.00	42.26 2.95 0.00	43.55 3.02 0.00	45.53 2.65 0.00	42.88 2.40 0.00	42.77 2.51 0.00	34.71 2.10 0.00	29.81 1.70 0.00
RAVENSWOOD___2 23534	22.39 0.99 0.00	22.80 0.82 0.00	21.16 0.72 0.00	19.26 0.70 0.00	20.23 0.65 0.00	24.44 0.73 0.00	26.20 1.01 0.00	26.89 1.27 0.00	25.42 1.30 -0.01	25.17 1.43 0.00	27.19 1.66 0.00	30.71 2.08 0.00	28.96 2.15 0.00	30.42 2.37 0.00	29.12 2.16 0.00	32.43 2.46 0.00	36.55 2.73 0.00	42.26 2.95 0.00	43.55 3.02 0.00	45.53 2.65 0.00	42.88 2.40 0.00	42.77 2.51 0.00	34.71 2.10 0.00	29.81 1.70 0.00
RAVENSWOOD___3 23535	22.33 0.93 0.00	22.74 0.77 0.00	21.12 0.67 0.00	19.21 0.65 0.00	20.20 0.62 0.00	24.39 0.67 0.00	26.12 0.92 0.00	26.80 1.17 0.00	25.32 1.21 0.00	25.08 1.34 0.00	27.10 1.56 0.00	30.60 1.97 0.00	28.85 2.04 0.00	30.31 2.26 0.00	29.02 2.07 0.00	32.35 2.38 0.00	36.45 2.63 0.00	42.19 2.89 0.00	43.51 2.98 0.00	45.47 2.59 0.00	42.82 2.34 0.00	42.66 2.40 0.00	34.59 1.99 0.00	29.73 1.62 0.00
RAVENSWOOD___4 23820	22.39 0.98 0.00	22.80 0.82 0.00	21.16 0.72 0.00	19.26 0.70 0.00	20.23 0.65 0.00	24.44 0.73 0.00	26.20 1.01 0.00	26.89 1.27 0.00	25.42 1.30 -0.01	25.17 1.43 0.00	27.19 1.66 0.00	30.71 2.08 0.00	28.96 2.15 0.00	30.42 2.37 0.00	29.12 2.16 0.00	32.43 2.46 0.00	36.55 2.73 0.00	42.26 2.95 0.00	43.55 3.02 0.00	45.53 2.65 0.00	42.88 2.40 0.00	42.77 2.51 0.00	34.71 2.10 0.00	29.81 1.70 0.00
RCPL_TRUST___DRP 24196	22.30 0.90 0.00	22.73 0.75 0.00	21.10 0.66 0.00	19.19 0.64 0.00	20.19 0.60 0.00	24.37 0.66 0.00	26.11 0.91 0.00	26.79 1.17 0.00	25.33 1.22 0.00	25.11 1.37 0.00	27.13 1.59 0.00	30.64 2.01 0.00	28.89 2.08 0.00	30.35 2.30 0.00	29.06 2.11 0.00	32.38 2.42 0.00	36.50 2.68 0.00	42.24 2.93 0.00	43.54 3.01 0.00	45.48 2.60 0.00	42.81 2.34 0.00	42.63 2.38 0.00	34.58 1.98 0.00	29.72 1.61 0.00
RED___ROCHESTER 323720	21.10 -0.30 0.00	21.81 -0.17 0.00	20.20 -0.24 0.00	18.24 -0.32 0.00	19.34 -0.24 0.00	23.71 0.00 0.00	25.19 -0.01 0.00	25.72 0.10 0.00	24.29 0.18 0.00	24.00 0.26 0.00	26.00 0.46 0.00	29.62 0.99 0.00	27.74 0.93 0.00	28.91 0.86 0.00	27.39 0.44 0.00	30.65 0.69 0.00	34.46 0.64 0.00	40.41 1.11 0.00	41.65 1.12 0.00	43.73 0.85 0.00	40.97 0.49 0.00	40.68 0.43 0.00	32.99 0.39 0.00	28.31 0.19 0.00
REGAN___SOLAR 323812	23.34 1.94 0.00	23.90 1.93 0.00	22.15 1.71 0.00	20.12 1.57 0.00	21.30 1.72 0.00	25.82 2.11 0.00	27.43 2.24 0.00	26.81 1.19 0.00	23.95 -0.16 0.00	22.98 -0.76 0.00	24.59 -0.95 0.00	27.67 -0.96 0.00	26.80 -0.01 0.00	27.69 -0.36 0.00	26.89 -0.07 0.00	30.05 0.08 0.00	34.56 0.73 0.00	42.90 3.59 0.00	44.80 4.28 0.00	48.24 5.36 0.00	45.61 5.13 0.00	45.29 5.04 0.00	36.34 3.74 0.00	31.09 2.98 0.00
RENSSELAER___COGEN 23796	21.58 0.17 0.00	22.15 0.17 0.00	20.77 0.32 0.00	18.88 0.32 0.00	19.91 0.33 0.00	23.98 0.27 0.00	25.50 0.31 0.00	26.03 0.40 0.00	24.27 0.17 0.00	23.88 0.14 0.00	25.58 0.05 0.00	28.68 0.05 0.00	26.92 0.11 0.00	28.24 0.19 0.00	27.11 0.16 0.00	30.15 0.18 0.00	34.15 0.33 0.00	39.57 0.26 0.00	41.03 0.50 0.00	43.29 0.42 0.00	41.08 0.60 0.00	40.84 0.59 0.00	33.05 0.45 0.00	28.49 0.37 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.18 1.77 0.00	23.78 1.80 0.00	22.15 1.71 0.00	20.10 1.55 0.00	21.21 1.63 0.00	25.84 2.13 0.00	27.59 2.40 0.00	28.29 2.66 0.00	26.23 2.12 0.00	25.38 1.63 0.00	26.97 1.44 0.00	30.24 1.61 0.00	28.29 1.48 0.00	29.86 1.82 0.00	28.66 1.71 0.00	32.36 2.40 0.00	37.25 3.43 0.00	43.25 3.94 0.00	46.27 5.75 0.00	49.12 6.24 0.00	46.98 6.50 0.00	46.23 5.98 0.00	37.23 4.63 0.00	31.91 3.80 0.00
REVERE_CPFR_DRP 24186	21.96 0.56 0.00	22.54 0.57 0.00	20.95 0.51 0.00	19.00 0.45 0.00	20.08 0.50 0.00	24.35 0.64 0.00	25.96 0.76 0.00	26.37 0.75 0.00	24.78 0.67 0.00	24.45 0.71 0.00	26.07 0.53 0.00	29.28 0.65 0.00	27.46 0.65 0.00	28.79 0.74 0.00	27.69 0.74 0.00	30.85 0.89 0.00	34.94 1.12 0.00	40.74 1.43 0.00	42.17 1.64 0.00	44.67 1.80 0.00	42.14 1.67 0.00	41.73 1.48 0.00	33.67 1.07 0.00	28.96 0.86 0.00
REYNOLDS_115KV_TB3 80639	21.72 0.32 0.00	22.30 0.32 0.00	20.87 0.43 0.00	18.97 0.42 0.00	20.02 0.43 0.00	24.10 0.39 0.00	25.62 0.42 0.00	26.17 0.54 0.00	24.45 0.34 0.00	24.05 0.31 0.00	25.78 0.24 0.00	28.87 0.24 0.00	27.10 0.29 0.00	28.42 0.38 0.00	27.27 0.32 0.00	30.30 0.34 0.00	34.35 0.53 0.00	39.75 0.45 0.00	41.24 0.71 0.00	43.55 0.67 0.00	41.37 0.89 0.00	41.15 0.90 0.00	33.31 0.70 0.00	28.73 0.61 0.00
RIVERBAY____ 323610	22.38 0.98 0.00	22.80 0.82 0.00	21.17 0.72 0.00	19.24 0.69 0.00	20.23 0.64 0.00	24.44 0.72 0.00	26.20 1.01 0.00	26.85 1.22 0.00	25.40 1.28 0.00	25.07 1.33 0.00	27.09 1.55 0.00	30.61 1.98 0.00	28.83 2.02 0.00	30.27 2.22 0.00	28.99 2.03 0.00	32.28 2.31 0.00	36.40 2.58 0.00	42.18 2.88 0.00	43.49 2.96 0.00	45.49 2.61 0.00	42.81 2.33 0.00	42.72 2.47 0.00	34.74 2.14 0.00	29.84 1.73 0.00
RIVERSIDE_115KV_TB3 55908	21.64 0.24 0.00	22.21 0.24 0.00	20.82 0.38 0.00	18.93 0.37 0.00	19.97 0.39 0.00	24.04 0.34 0.00	25.57 0.37 0.00	26.10 0.48 0.00	24.36 0.25 0.00	23.97 0.23 0.00	25.68 0.15 0.00	28.79 0.16 0.00	27.03 0.22 0.00	28.35 0.31 0.00	27.22 0.27 0.00	30.27 0.30 0.00	34.30 0.48 0.00	39.73 0.42 0.00	41.19 0.66 0.00	43.46 0.58 0.00	41.24 0.77 0.00	41.00 0.75 0.00	33.17 0.57 0.00	28.59 0.48 0.00
ROARING___BROOK_WT_PWR 323790	21.33 -0.06 0.00	21.95 -0.03 0.00	20.40 -0.04 0.00	18.50 -0.05 0.00	19.52 -0.06 0.00	23.72 0.01 0.00	25.17 -0.03 0.00	25.41 -0.22 0.00	23.97 -0.14 0.00	23.59 -0.15 0.00	25.40 -0.14 0.00	28.37 -0.26 0.00	26.45 -0.37 0.00	27.56 -0.48 0.00	26.59 -0.36 0.00	29.51 -0.46 0.00	33.30 -0.52 0.00	38.73 -0.57 0.00	39.89 -0.64 0.00	42.33 -0.54 0.00	39.88 -0.60 0.00	39.54 -0.72 0.00	31.96 -0.64 0.00	27.65 -0.46 0.00

ROCHESRG_115KV_T4 355643	20.87 -0.53 0.00	21.58 -0.40 0.00	20.00 -0.44 0.00	18.06 -0.49 0.00	19.16 -0.42 0.00	23.47 -0.23 0.00	24.93 -0.27 0.00	25.45 -0.18 0.00	24.04 -0.07 0.00	23.73 -0.01 0.00	25.69 0.16 0.00	29.25 0.62 0.00	27.37 0.57 0.00	28.52 0.47 0.00	27.01 0.06 0.00	30.21 0.25 0.00	33.96 0.13 0.00	39.78 0.48 0.00	40.98 0.45 0.00	43.05 0.18 0.00	40.37 -0.11 0.00	40.11 -0.14 0.00	32.56 -0.05 0.00	27.97 -0.14 0.00
ROCHESTER_9_IC 23652	20.99 -0.41 0.00	21.70 -0.27 0.00	20.11 -0.33 0.00	18.16 -0.40 0.00	19.26 -0.33 0.00	23.61 -0.10 0.00	25.07 -0.13 0.00	25.60 -0.02 0.00	24.18 0.07 0.00	23.87 0.13 0.00	25.86 0.33 0.00	29.45 0.82 0.00	27.57 0.76 0.00	28.73 0.68 0.00	27.21 0.25 0.00	30.45 0.48 0.00	34.22 0.40 0.00	40.10 0.79 0.00	41.32 0.79 0.00	43.40 0.52 0.00	40.68 0.21 0.00	40.41 0.16 0.00	32.78 0.18 0.00	28.15 0.03 0.00
ROCKVIEW_13_KV_LD 356306	22.32 0.92 0.00	22.76 0.78 0.00	21.11 0.67 0.00	19.21 0.66 0.00	20.20 0.62 0.00	24.39 0.68 0.00	26.11 0.92 0.00	26.79 1.16 0.00	25.29 1.18 0.00	25.04 1.30 0.00	27.05 1.51 0.00	30.55 1.92 0.00	28.80 1.99 0.00	30.25 2.20 0.00	28.97 2.02 0.00	32.30 2.33 0.00	36.42 2.60 0.00	42.20 2.90 0.00	43.53 3.00 0.00	45.52 2.64 0.00	42.88 2.41 0.00	42.68 2.43 0.00	34.58 1.98 0.00	29.74 1.63 0.00
ROME____115KV_TB2 80656	21.96 0.56 0.00	22.54 0.57 0.00	20.95 0.51 0.00	19.00 0.45 0.00	20.08 0.50 0.00	24.35 0.64 0.00	25.96 0.76 0.00	26.37 0.75 0.00	24.78 0.67 0.00	24.45 0.71 0.00	26.07 0.53 0.00	29.28 0.65 0.00	27.46 0.65 0.00	28.79 0.74 0.00	27.69 0.74 0.00	30.85 0.89 0.00	34.94 1.12 0.00	40.74 1.43 0.00	42.17 1.64 0.00	44.67 1.80 0.00	42.14 1.67 0.00	41.73 1.48 0.00	33.67 1.07 0.00	28.96 0.86 0.00
ROSETON____1 23587	22.05 0.64 0.00	22.49 0.52 0.00	20.91 0.46 0.00	19.01 0.46 0.00	20.01 0.43 0.00	24.16 0.45 0.00	25.82 0.63 0.00	26.44 0.82 0.00	24.92 0.81 0.00	24.63 0.89 0.00	26.56 1.03 0.00	29.94 1.31 0.00	28.19 1.38 0.00	29.59 1.55 0.00	28.36 1.41 0.00	31.61 1.64 0.00	35.68 1.85 0.00	41.33 2.03 0.00	42.68 2.16 0.00	44.74 1.87 0.00	42.21 1.73 0.00	42.01 1.76 0.00	34.01 1.41 0.00	29.27 1.16 0.00
ROSETON____2 23588	22.05 0.64 0.00	22.49 0.52 0.00	20.91 0.46 0.00	19.01 0.46 0.00	20.01 0.43 0.00	24.16 0.45 0.00	25.82 0.63 0.00	26.44 0.82 0.00	24.92 0.81 0.00	24.63 0.89 0.00	26.56 1.03 0.00	29.94 1.31 0.00	28.19 1.38 0.00	29.59 1.55 0.00	28.36 1.41 0.00	31.61 1.64 0.00	35.68 1.85 0.00	41.33 2.03 0.00	42.68 2.16 0.00	44.74 1.87 0.00	42.21 1.73 0.00	42.01 1.76 0.00	34.01 1.41 0.00	29.27 1.16 0.00
ROTTRDAM_115KV_TB3 80664	21.83 0.43 0.00	22.38 0.40 0.00	20.85 0.41 0.00	18.94 0.38 0.00	19.98 0.40 0.00	24.12 0.41 0.00	25.68 0.48 0.00	26.17 0.54 0.00	24.52 0.41 0.00	24.11 0.36 0.00	25.89 0.36 0.00	29.07 0.44 0.00	27.27 0.47 0.00	28.61 0.57 0.00	27.46 0.51 0.00	30.60 0.63 0.00	34.61 0.79 0.00	40.21 0.91 0.00	41.69 1.17 0.00	44.02 1.14 0.00	41.68 1.20 0.00	41.44 1.19 0.00	33.54 0.94 0.00	28.88 0.77 0.00
RUSSELL____1 23602	21.10 -0.30 0.00	21.80 -0.17 0.00	20.20 -0.24 0.00	18.24 -0.32 0.00	19.34 -0.24 0.00	23.71 0.00 0.00	25.19 -0.01 0.00	25.72 0.09 0.00	24.30 0.19 0.00	24.00 0.26 0.00	26.00 0.46 0.00	29.62 0.99 0.00	27.73 0.92 0.00	28.90 0.86 0.00	27.39 0.43 0.00	30.66 0.69 0.00	34.46 0.64 0.00	40.40 1.10 0.00	41.64 1.11 0.00	43.72 0.84 0.00	40.97 0.49 0.00	40.68 0.43 0.00	32.99 0.39 0.00	28.31 0.19 0.00
RUSSELL____2 23532	21.10 -0.30 0.00	21.80 -0.17 0.00	20.20 -0.24 0.00	18.24 -0.32 0.00	19.34 -0.24 0.00	23.71 0.00 0.00	25.19 -0.01 0.00	25.72 0.09 0.00	24.30 0.19 0.00	24.00 0.26 0.00	26.00 0.46 0.00	29.62 0.99 0.00	27.73 0.92 0.00	28.90 0.86 0.00	27.39 0.43 0.00	30.66 0.69 0.00	34.46 0.64 0.00	40.40 1.10 0.00	41.64 1.11 0.00	43.72 0.84 0.00	40.97 0.49 0.00	40.68 0.43 0.00	32.99 0.39 0.00	28.31 0.19 0.00
RUSSELL____3 23549	21.10 -0.30 0.00	21.80 -0.17 0.00	20.20 -0.24 0.00	18.24 -0.32 0.00	19.34 -0.24 0.00	23.71 0.00 0.00	25.19 -0.01 0.00	25.72 0.09 0.00	24.30 0.19 0.00	24.00 0.26 0.00	26.00 0.46 0.00	29.62 0.99 0.00	27.73 0.92 0.00	28.90 0.86 0.00	27.39 0.43 0.00	30.66 0.69 0.00	34.46 0.64 0.00	40.40 1.10 0.00	41.64 1.11 0.00	43.72 0.84 0.00	40.97 0.49 0.00	40.68 0.43 0.00	32.99 0.39 0.00	28.31 0.19 0.00
RUSSELL____4 23556	21.10 -0.30 0.00	21.80 -0.17 0.00	20.20 -0.24 0.00	18.24 -0.32 0.00	19.34 -0.24 0.00	23.71 0.00 0.00	25.19 -0.01 0.00	25.72 0.09 0.00	24.30 0.19 0.00	24.00 0.26 0.00	26.00 0.46 0.00	29.62 0.99 0.00	27.73 0.92 0.00	28.90 0.86 0.00	27.39 0.43 0.00	30.66 0.69 0.00	34.46 0.64 0.00	40.40 1.10 0.00	41.64 1.11 0.00	43.72 0.84 0.00	40.97 0.49 0.00	40.68 0.43 0.00	32.99 0.39 0.00	28.31 0.19 0.00
RUSSELL____STATION 23914	21.10 -0.30 0.00	21.80 -0.17 0.00	20.20 -0.24 0.00	18.24 -0.32 0.00	19.34 -0.24 0.00	23.71 0.00 0.00	25.19 -0.01 0.00	25.72 0.09 0.00	24.30 0.19 0.00	24.00 0.26 0.00	26.00 0.46 0.00	29.62 0.99 0.00	27.73 0.92 0.00	28.90 0.86 0.00	27.39 0.43 0.00	30.66 0.69 0.00	34.46 0.64 0.00	40.40 1.10 0.00	41.64 1.11 0.00	43.72 0.84 0.00	40.97 0.49 0.00	40.68 0.43 0.00	32.99 0.39 0.00	28.31 0.19 0.00
S SALMON____HYD 24043	20.99 -0.41 0.00	21.55 -0.42 0.00	20.02 -0.42 0.00	18.17 -0.39 0.00	19.22 -0.37 0.00	23.28 -0.43 0.00	24.70 -0.49 0.00	25.02 -0.61 0.00	23.53 -0.58 0.00	23.14 -0.60 0.00	24.80 -0.73 0.00	27.89 -0.74 0.00	26.11 -0.70 0.00	27.30 -0.75 0.00	26.16 -0.79 0.00	29.19 -0.77 0.00	33.02 -0.80 0.00	38.59 -0.71 0.00	40.01 -0.52 0.00	42.37 -0.51 0.00	39.95 -0.53 0.00	39.54 -0.71 0.00	31.94 -0.66 0.00	27.52 -0.59 0.00
S.PERRY__115KV_TB1 80734	21.58 0.18 0.00	22.29 0.32 0.00	20.63 0.19 0.00	18.62 0.07 0.00	19.78 0.20 0.00	24.24 0.53 0.00	25.67 0.48 0.00	25.76 0.14 0.00	24.09 -0.03 0.00	23.55 -0.19 0.00	25.56 0.02 0.00	29.38 0.71 -0.04	27.46 0.55 -0.10	28.43 0.37 -0.02	27.03 -0.02 -0.10	30.29 0.10 -0.23	33.73 -0.43 -0.34	39.79 -0.04 -0.53	41.02 0.03 -0.46	43.41 0.12 -0.41	40.68 0.20 0.00	41.48 1.23 0.00	33.89 1.29 0.00	28.99 0.88 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.51 -0.90 0.00	21.31 -0.66 0.00	19.73 -0.72 0.00	17.76 -0.80 0.00	18.89 -0.70 0.00	23.33 -0.39 0.00	24.78 -0.42 0.00	25.34 -0.28 0.00	24.07 -0.04 0.00	23.78 0.04 0.00	25.83 0.29 0.00	30.32 0.99 -0.70	29.67 0.83 -2.03	29.00 0.62 -0.33	28.81 -0.05 -1.90	34.60 0.18 -4.45	40.28 -0.08 -6.54	49.92 0.37 -10.25	49.69 0.16 -9.00	50.66 -0.22 -8.00	39.87 -0.61 0.00	39.73 -0.53 0.00	32.40 -0.21 0.00	27.86 -0.25 0.00

SAWYER___23_KV_LOAD 55526	20.51 -0.90 0.00	21.31 -0.66 0.00	19.73 -0.72 0.00	17.76 -0.80 0.00	18.89 -0.70 0.00	23.33 -0.39 0.00	24.78 -0.42 0.00	25.34 -0.28 0.00	24.07 -0.04 0.00	23.78 0.04 0.00	25.83 0.29 0.00	30.32 0.99 -0.70	29.67 0.83 -2.03	29.00 0.62 -0.33	28.81 -0.05 -1.90	34.60 0.18 -4.45	40.28 -0.08 -6.54	49.92 0.37 -10.25	49.69 0.16 -9.00	50.66 -0.22 -8.00	39.87 -0.61 0.00	39.73 -0.53 0.00	32.40 -0.21 0.00	27.86 -0.25 0.00
SELKIRK___I 23801	21.76 0.36 0.00	22.34 0.37 0.00	20.91 0.46 0.00	19.00 0.45 0.00	20.05 0.47 0.00	24.18 0.47 0.00	25.70 0.50 0.00	26.12 0.50 0.00	24.34 0.23 0.00	23.91 0.17 0.00	25.62 0.08 0.00	28.81 0.18 0.00	27.04 0.23 0.00	28.36 0.31 0.00	27.22 0.27 0.00	30.19 0.22 0.00	34.19 0.37 0.00	39.69 0.39 0.00	41.28 0.75 0.00	43.63 0.75 0.00	41.38 0.91 0.00	41.17 0.92 0.00	33.33 0.73 0.00	28.74 0.63 0.00
SELKIRK___II 23799	21.65 0.25 0.00	22.21 0.24 0.00	20.78 0.33 0.00	18.89 0.33 0.00	19.92 0.34 0.00	24.00 0.29 0.00	25.53 0.34 0.00	26.05 0.42 0.00	24.36 0.25 0.00	23.96 0.22 0.00	25.71 0.17 0.00	28.85 0.21 0.00	27.08 0.27 0.00	28.39 0.35 0.00	27.25 0.30 0.00	30.30 0.34 0.00	34.30 0.48 0.00	39.75 0.45 0.00	41.19 0.66 0.00	43.46 0.58 0.00	41.19 0.72 0.00	40.97 0.72 0.00	33.16 0.56 0.00	28.58 0.47 0.00
SENECA OSWGO___HYD 24041	21.06 -0.34 0.00	21.64 -0.33 0.00	20.11 -0.33 0.00	18.24 -0.32 0.00	19.29 -0.30 0.00	23.36 -0.35 0.00	24.78 -0.42 0.00	25.23 -0.39 0.00	23.73 -0.38 0.00	23.35 -0.39 0.00	25.09 -0.44 0.00	28.28 -0.35 0.00	26.52 -0.29 0.00	27.76 -0.28 0.00	26.58 -0.37 0.00	29.64 -0.33 0.00	33.45 -0.38 0.00	39.00 -0.30 0.00	40.32 -0.20 0.00	42.57 -0.30 0.00	40.13 -0.34 0.00	39.84 -0.40 0.00	32.21 -0.39 0.00	27.73 -0.38 0.00
SENECA___115KV_TB3 355854	20.77 -0.63 0.00	21.58 -0.40 0.00	19.97 -0.48 0.00	17.97 -0.58 0.00	19.12 -0.47 0.00	23.60 -0.11 0.00	25.07 -0.12 0.00	25.64 0.02 0.00	24.38 0.26 0.00	24.09 0.35 0.00	26.16 0.62 0.00	30.28 1.36 -0.29	28.82 1.17 -0.84	29.20 1.02 -0.14	28.09 0.34 -0.79	32.43 0.62 -1.85	36.91 0.37 -2.72	44.48 0.92 -4.26	45.01 0.73 -3.74	46.60 0.39 -3.33	40.41 -0.07 0.00	40.27 0.02 0.00	32.80 0.20 0.00	28.18 0.07 0.00
SENECA___ENERGY 23797	21.12 -0.28 0.00	21.73 -0.25 0.00	20.20 -0.24 0.00	18.29 -0.27 0.00	19.36 -0.23 0.00	23.58 -0.13 0.00	25.11 -0.09 0.00	25.58 -0.04 0.00	24.15 0.05 0.00	23.77 0.03 0.00	25.62 0.09 0.00	29.01 0.38 0.00	27.21 0.40 0.00	28.41 0.36 0.00	27.11 0.16 0.00	30.19 0.22 0.00	33.98 0.15 0.00	39.73 0.42 0.00	41.09 0.56 0.00	43.31 0.43 0.00	40.66 0.18 0.00	40.37 0.12 0.00	32.70 0.09 0.00	28.07 -0.04 0.00
SHOEMAKER___GT 23640	21.97 0.57 0.00	22.44 0.46 0.00	20.84 0.40 0.00	18.94 0.39 0.00	19.95 0.37 0.00	24.11 0.40 0.00	25.76 0.57 0.00	26.36 0.74 0.00	24.81 0.70 0.00	24.50 0.76 0.00	26.42 0.88 0.00	29.78 1.15 0.00	28.01 1.20 0.00	29.41 1.37 0.00	28.20 1.25 0.00	31.44 1.47 0.00	35.48 1.66 0.00	41.20 1.90 0.00	42.55 2.02 0.00	44.67 1.79 0.00	42.13 1.66 0.00	41.89 1.64 0.00	33.90 1.30 0.00	29.18 1.06 0.00
SHOEMAKR_138KV_BK 111 55601	21.96 0.56 0.00	22.43 0.45 0.00	20.84 0.40 0.00	18.93 0.38 0.00	19.94 0.36 0.00	24.10 0.39 0.00	25.75 0.55 0.00	26.35 0.73 0.00	24.82 0.70 0.00	24.51 0.77 0.00	26.43 0.89 0.00	29.80 1.17 0.00	28.04 1.23 0.00	29.44 1.39 0.00	28.22 1.27 0.00	31.46 1.50 0.00	35.50 1.68 0.00	41.20 1.90 0.00	42.56 2.03 0.00	44.66 1.78 0.00	42.11 1.64 0.00	41.87 1.62 0.00	33.89 1.28 0.00	29.16 1.05 0.00
SHOREHAM_IC_1 23715	22.06 0.65 0.00	22.52 0.55 0.00	20.78 0.33 0.00	19.13 0.58 0.00	19.97 0.39 0.00	24.00 0.28 0.00	25.72 0.52 0.00	26.46 0.83 0.00	24.91 0.80 0.00	24.66 0.92 0.00	26.76 1.22 0.00	30.37 1.74 0.00	30.11 2.02 -1.28	31.80 2.27 -1.48	28.95 2.00 0.00	32.31 2.35 0.00	36.66 2.84 0.00	42.27 2.97 0.00	43.94 3.41 0.00	45.66 2.78 0.00	42.81 2.33 0.00	42.75 2.50 0.00	34.46 1.86 0.00	29.71 1.60 0.00
SHOREHAM_IC_2 23716	22.06 0.65 0.00	22.52 0.55 0.00	20.78 0.33 0.00	19.13 0.58 0.00	19.97 0.39 0.00	24.00 0.28 0.00	25.72 0.52 0.00	26.46 0.83 0.00	24.91 0.80 0.00	24.66 0.92 0.00	26.76 1.22 0.00	30.37 1.74 0.00	30.11 2.02 -1.28	31.80 2.27 -1.48	28.95 2.00 0.00	32.31 2.35 0.00	36.66 2.84 0.00	42.27 2.97 0.00	43.94 3.41 0.00	45.66 2.78 0.00	42.81 2.33 0.00	42.75 2.50 0.00	34.46 1.86 0.00	29.71 1.60 0.00
SISSONVILLE____ 23735	20.99 -0.42 0.00	21.61 -0.36 0.00	20.02 -0.42 0.00	18.16 -0.39 0.00	19.17 -0.42 0.00	23.32 -0.39 0.00	24.84 -0.36 0.00	25.00 -0.62 0.00	23.51 -0.60 0.00	23.02 -0.72 0.00	24.75 -0.79 0.00	27.57 -1.06 0.00	25.63 -1.18 0.00	26.62 -1.42 0.00	25.77 -1.18 0.00	28.60 -1.36 0.00	32.33 -1.49 0.00	37.71 -1.59 0.00	38.96 -1.56 0.00	41.68 -1.19 0.00	39.34 -1.13 0.00	39.08 -1.18 0.00	31.65 -0.96 0.00	27.34 -0.77 0.00
SITHE_IND_GS1 24169	20.84 -0.56 0.00	21.42 -0.55 0.00	19.93 -0.52 0.00	18.06 -0.49 0.00	19.09 -0.49 0.00	23.12 -0.59 0.00	24.47 -0.73 0.00	24.89 -0.74 0.00	23.41 -0.69 0.00	23.07 -0.67 0.00	24.80 -0.73 0.00	27.91 -0.72 0.00	26.18 -0.64 0.00	27.38 -0.66 0.00	26.22 -0.73 0.00	29.21 -0.76 0.00	32.95 -0.86 0.00	38.36 -0.95 0.00	39.61 -0.92 0.00	41.80 -1.07 0.00	39.42 -1.06 0.00	39.17 -1.09 0.00	31.71 -0.90 0.00	27.32 -0.79 0.00
SITHE_IND_GS2 24170	20.84 -0.56 0.00	21.42 -0.55 0.00	19.93 -0.52 0.00	18.06 -0.49 0.00	19.09 -0.49 0.00	23.12 -0.59 0.00	24.47 -0.73 0.00	24.89 -0.74 0.00	23.41 -0.69 0.00	23.07 -0.67 0.00	24.80 -0.73 0.00	27.91 -0.72 0.00	26.18 -0.64 0.00	27.38 -0.66 0.00	26.22 -0.73 0.00	29.21 -0.76 0.00	32.95 -0.86 0.00	38.36 -0.95 0.00	39.61 -0.92 0.00	41.80 -1.07 0.00	39.42 -1.06 0.00	39.17 -1.09 0.00	31.71 -0.90 0.00	27.32 -0.79 0.00
SITHE_IND_GS3 24171	20.84 -0.56 0.00	21.42 -0.55 0.00	19.93 -0.52 0.00	18.06 -0.49 0.00	19.09 -0.49 0.00	23.12 -0.59 0.00	24.47 -0.73 0.00	24.89 -0.74 0.00	23.41 -0.69 0.00	23.07 -0.67 0.00	24.80 -0.73 0.00	27.91 -0.72 0.00	26.18 -0.64 0.00	27.38 -0.66 0.00	26.22 -0.73 0.00	29.21 -0.76 0.00	32.95 -0.86 0.00	38.36 -0.95 0.00	39.61 -0.92 0.00	41.80 -1.07 0.00	39.42 -1.06 0.00	39.17 -1.09 0.00	31.71 -0.90 0.00	27.32 -0.79 0.00
SITHE_IND_GS4 24172	20.84 -0.56 0.00	21.42 -0.55 0.00	19.93 -0.52 0.00	18.06 -0.49 0.00	19.09 -0.49 0.00	23.12 -0.59 0.00	24.47 -0.73 0.00	24.89 -0.74 0.00	23.41 -0.69 0.00	23.07 -0.67 0.00	24.80 -0.73 0.00	27.91 -0.72 0.00	26.18 -0.64 0.00	27.38 -0.66 0.00	26.22 -0.73 0.00	29.21 -0.76 0.00	32.95 -0.86 0.00	38.36 -0.95 0.00	39.61 -0.92 0.00	41.80 -1.07 0.00	39.42 -1.06 0.00	39.17 -1.09 0.00	31.71 -0.90 0.00	27.32 -0.79 0.00

SITHE___BATAVIA 24024	21.13 -0.27 0.00	21.90 -0.08 0.00	20.26 -0.18 0.00	18.24 -0.31 0.00	19.40 -0.18 0.00	23.91 0.20 0.00	25.45 0.26 0.00	26.07 0.45 0.00	24.61 0.50 0.00	24.23 0.49 0.00	26.29 0.75 0.00	30.05 1.48 0.06	28.04 1.40 0.17	29.26 1.24 0.03	27.35 0.56 0.16	30.45 0.86 0.38	34.05 0.79 0.56	39.89 1.47 0.88	41.26 1.50 0.77	43.51 1.32 0.69	41.39 0.91 0.00	41.11 0.86 0.00	33.43 0.82 0.00	28.69 0.57 0.00
SITHE___INDEPEND 23800	20.84 -0.56 0.00	21.42 -0.55 0.00	19.93 -0.52 0.00	18.06 -0.49 0.00	19.09 -0.49 0.00	23.12 -0.59 0.00	24.47 -0.73 0.00	24.89 -0.73 0.00	23.41 -0.69 0.00	23.07 -0.67 0.00	24.80 -0.73 0.00	27.91 -0.72 0.00	26.18 -0.64 0.00	27.38 -0.67 0.00	26.22 -0.73 0.00	29.20 -0.76 0.00	32.95 -0.87 0.00	38.35 -0.95 0.00	39.61 -0.92 0.00	41.80 -1.07 0.00	39.42 -1.06 0.00	39.16 -1.09 0.00	31.71 -0.90 0.00	27.32 -0.79 0.00
SITHE___MASSENA 23902	21.49 0.08 0.00	22.13 0.16 0.00	20.54 0.09 0.00	18.61 0.06 0.00	19.64 0.06 0.00	23.91 0.20 0.00	25.41 0.22 0.00	25.66 0.03 0.00	24.15 0.04 0.00	23.71 -0.04 0.00	25.53 0.00 0.00	28.48 -0.15 0.00	26.52 -0.29 0.00	27.58 -0.47 0.00	26.66 -0.30 0.00	29.58 -0.39 0.00	33.38 -0.44 0.00	38.85 -0.46 0.00	39.98 -0.55 0.00	42.61 -0.27 0.00	40.20 -0.28 0.00	39.99 -0.26 0.00	32.44 -0.17 0.00	28.03 -0.08 0.00
SITHE___OGDNSBRG 24021	21.62 0.22 0.00	22.27 0.30 0.00	20.65 0.20 0.00	18.71 0.16 0.00	19.75 0.17 0.00	24.06 0.35 0.00	25.64 0.45 0.00	25.80 0.17 0.00	24.17 0.06 0.00	23.60 -0.14 0.00	25.36 -0.18 0.00	28.23 -0.40 0.00	26.25 -0.56 0.00	27.26 -0.79 0.00	26.42 -0.53 0.00	29.29 -0.68 0.00	33.10 -0.72 0.00	38.56 -0.74 0.00	39.88 -0.64 0.00	42.96 0.08 0.00	40.68 0.21 0.00	40.44 0.19 0.00	32.73 0.13 0.00	28.25 0.14 0.00
SITHE___STERLING 23777	21.84 0.43 0.00	22.40 0.42 0.00	20.83 0.39 0.00	18.90 0.34 0.00	19.97 0.39 0.00	24.21 0.50 0.00	25.78 0.58 0.00	26.23 0.61 0.00	24.63 0.52 0.00	24.31 0.57 0.00	25.97 0.43 0.00	29.19 0.56 0.00	27.39 0.58 0.00	28.71 0.66 0.00	27.56 0.61 0.00	30.71 0.74 0.00	34.71 0.89 0.00	40.46 1.16 0.00	41.89 1.36 0.00	44.32 1.45 0.00	41.84 1.37 0.00	41.49 1.24 0.00	33.51 0.91 0.00	28.83 0.71 0.00
SLEIGHT__34_KV_TB1 80719	21.01 -0.39 0.00	21.66 -0.32 0.00	20.10 -0.34 0.00	18.18 -0.37 0.00	19.26 -0.33 0.00	23.52 -0.19 0.00	25.03 -0.17 0.00	25.53 -0.10 0.00	24.12 0.00 0.00	23.77 0.03 0.00	25.66 0.13 0.00	29.11 0.48 0.00	27.31 0.50 0.00	28.48 0.43 0.00	27.09 0.14 0.00	30.26 0.30 0.00	34.11 0.29 0.00	39.88 0.58 0.00	41.19 0.66 0.00	43.30 0.43 0.00	40.64 0.17 0.00	40.29 0.04 0.00	32.61 0.00 0.00	28.00 -0.11 0.00
SOUTH CAIRO___GT 23612	22.34 0.94 0.00	22.93 0.95 0.00	21.50 1.05 0.00	19.52 0.97 0.00	20.63 1.05 0.00	24.90 1.19 0.00	26.50 1.31 0.00	27.03 1.40 0.00	24.99 0.88 0.00	24.36 0.62 0.00	25.92 0.39 0.00	29.04 0.41 0.00	27.21 0.40 0.00	28.56 0.52 0.00	27.49 0.54 0.00	30.60 0.64 0.00	34.83 1.01 0.00	40.72 1.42 0.00	42.68 2.16 0.00	45.40 2.52 0.00	43.17 2.70 0.00	42.84 2.59 0.00	34.49 1.89 0.00	29.63 1.52 0.00
SOUTH HAMPTN___IC 23720	22.36 0.96 0.00	22.82 0.84 0.00	21.08 0.63 0.00	19.39 0.84 0.00	20.27 0.69 0.00	24.39 0.68 0.00	26.16 0.97 0.00	26.94 1.32 0.00	25.42 1.31 0.00	25.20 1.46 0.00	27.39 1.85 0.00	31.11 2.48 0.00	30.83 2.75 -1.28	32.57 3.05 -1.48	29.65 2.70 0.00	33.07 3.10 0.00	37.54 3.71 0.00	43.28 3.98 0.00	44.88 4.36 0.00	46.55 3.67 0.00	43.61 3.13 0.00	43.54 3.29 0.00	35.09 2.49 0.00	30.23 2.12 0.00
SOUTHDOW_115KV_TB1 355954	21.39 -0.01 0.00	22.18 0.20 0.00	20.56 0.11 0.00	18.51 -0.04 0.00	19.72 0.13 0.00	24.37 0.66 0.00	25.95 0.75 0.00	26.61 0.98 0.00	25.41 1.30 0.00	25.14 1.40 0.00	27.22 1.68 0.00	31.51 2.62 -0.27	29.87 2.30 -0.76	30.43 2.26 -0.12	29.21 1.54 -0.72	33.59 1.94 -1.68	38.01 1.73 -2.46	45.66 2.49 -3.86	46.25 2.34 -3.39	47.98 2.09 -3.01	41.92 1.44 0.00	41.85 1.59 0.00	33.94 1.34 0.00	29.05 0.94 0.00
SOUTHOLD_69_KV_BK 2 55809	22.60 1.20 0.00	23.05 1.07 0.00	21.33 0.88 0.00	19.63 1.07 0.00	20.54 0.96 0.00	24.80 1.08 0.00	26.64 1.45 0.00	27.46 1.84 0.00	25.96 1.85 0.00	25.75 2.01 0.00	28.02 2.48 0.00	31.86 3.23 0.00	31.56 3.47 -1.28	33.36 3.84 -1.48	30.33 3.38 0.00	33.75 3.79 0.00	38.34 4.52 0.00	44.23 4.92 0.00	45.76 5.24 0.00	47.36 4.48 0.00	44.36 3.89 0.00	44.31 4.06 0.00	35.71 3.11 0.00	30.75 2.64 0.00
SOUTHOLD___IC 23719	22.61 1.21 0.00	23.05 1.07 0.00	21.33 0.89 0.00	19.63 1.07 0.00	20.54 0.96 0.00	24.80 1.08 0.00	26.64 1.45 0.00	27.46 1.84 0.00	25.96 1.85 0.00	25.75 2.01 0.00	28.02 2.48 0.00	31.85 3.23 0.00	31.56 3.47 -1.28	33.36 3.84 -1.48	30.33 3.38 0.00	33.75 3.78 0.00	38.34 4.52 0.00	44.23 4.92 0.00	45.76 5.24 0.00	47.36 4.48 0.00	44.36 3.89 0.00	44.31 4.06 0.00	35.71 3.11 0.00	30.75 2.64 0.00
SOUTH_FORK_WT_PWR 323839	22.54 1.14 0.00	22.98 1.01 0.00	21.31 0.86 0.00	19.61 1.05 0.00	20.54 0.96 0.00	24.83 1.12 0.00	26.71 1.52 0.00	27.54 1.92 0.00	26.04 1.94 0.00	25.85 2.11 0.00	28.15 2.61 0.00	32.02 3.39 0.00	31.71 3.63 -1.28	33.52 3.99 -1.48	30.42 3.47 0.00	33.77 3.80 0.00	38.34 4.52 0.00	44.21 4.91 0.00	45.67 5.15 0.00	47.23 4.35 0.00	44.27 3.79 0.00	44.26 4.01 0.00	35.69 3.09 0.00	30.76 2.65 0.00
SPIERFLS_115KV_TB 1 80737	22.40 0.99 0.00	23.01 1.03 0.00	21.44 0.99 0.00	19.44 0.88 0.00	20.53 0.94 0.00	24.84 1.13 0.00	26.47 1.28 0.00	27.07 1.44 0.00	25.32 1.21 0.00	24.73 0.99 0.00	26.29 0.75 0.00	29.51 0.87 0.00	27.57 0.76 0.00	29.00 0.95 0.00	27.86 0.91 0.00	31.19 1.22 0.00	35.59 1.77 0.00	41.36 2.06 0.00	43.90 3.38 0.00	46.42 3.54 0.00	44.28 3.80 0.00	43.67 3.42 0.00	35.23 2.63 0.00	30.24 2.13 0.00
ST LAWRENCE____ 23600	21.33 -0.06 0.00	21.97 -0.01 0.00	20.40 -0.05 0.00	18.49 -0.07 0.00	19.50 -0.08 0.00	23.73 0.02 0.00	25.20 0.01 0.00	25.48 -0.14 0.00	24.00 -0.11 0.00	23.58 -0.16 0.00	25.39 -0.14 0.00	28.33 -0.30 0.00	26.39 -0.42 0.00	27.47 -0.58 0.00	26.54 -0.41 0.00	29.44 -0.53 0.00	33.22 -0.60 0.00	38.63 -0.67 0.00	39.73 -0.80 0.00	42.29 -0.59 0.00	39.88 -0.60 0.00	39.69 -0.56 0.00	32.20 -0.41 0.00	27.82 -0.29 0.00
STATE_CA_115KV_115_LB 55624	21.69 0.29 0.00	22.25 0.27 0.00	20.86 0.41 0.00	18.95 0.40 0.00	20.00 0.42 0.00	24.08 0.37 0.00	25.63 0.43 0.00	26.16 0.54 0.00	24.42 0.31 0.00	24.03 0.29 0.00	25.75 0.21 0.00	28.86 0.23 0.00	27.11 0.30 0.00	28.45 0.40 0.00	27.32 0.37 0.00	30.38 0.41 0.00	34.43 0.61 0.00	39.89 0.59 0.00	41.35 0.82 0.00	43.62 0.74 0.00	41.37 0.90 0.00	41.12 0.87 0.00	33.25 0.65 0.00	28.65 0.54 0.00

STATE_ST_34_KV_LOAD 55959	21.40 0.00 0.00	22.01 0.04 0.00	20.52 0.08 0.00	18.60 0.05 0.00	19.63 0.04 0.00	23.89 0.18 0.00	25.40 0.20 0.00	25.80 0.17 0.00	24.38 0.27 0.00	23.97 0.23 0.00	25.77 0.23 0.00	29.00 0.37 0.00	27.28 0.47 0.00	28.51 0.47 0.00	27.17 0.21 0.00	30.27 0.31 0.00	34.21 0.39 0.00	39.98 0.67 0.00	41.42 0.89 0.00	43.71 0.84 0.00	41.15 0.67 0.00	40.72 0.47 0.00	32.91 0.31 0.00	28.30 0.19 0.00
STATION 5_MISC_HYD 23604	20.99 -0.41 0.00	21.70 -0.27 0.00	20.11 -0.34 0.00	18.16 -0.40 0.00	19.26 -0.33 0.00	23.61 -0.10 0.00	25.07 -0.13 0.00	25.60 -0.02 0.00	24.17 0.07 0.00	23.88 0.13 0.00	25.86 0.33 0.00	29.45 0.82 0.00	27.57 0.76 0.00	28.73 0.68 0.00	27.22 0.26 0.00	30.45 0.48 0.00	34.22 0.40 0.00	40.10 0.80 0.00	41.33 0.80 0.00	43.40 0.52 0.00	40.68 0.21 0.00	40.41 0.16 0.00	32.78 0.18 0.00	28.15 0.04 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.20 -0.19 0.00	21.87 -0.11 0.00	20.28 -0.16 0.00	18.34 -0.22 0.00	19.44 -0.15 0.00	23.76 0.05 0.00	25.28 0.08 0.00	25.79 0.16 0.00	24.36 0.25 0.00	24.06 0.32 0.00	26.02 0.49 0.00	29.56 0.93 0.00	27.65 0.84 0.00	28.82 0.78 0.00	27.39 0.43 0.00	30.62 0.66 0.00	34.45 0.63 0.00	40.34 1.04 0.00	41.65 1.12 0.00	43.79 0.91 0.00	41.05 0.57 0.00	40.76 0.51 0.00	33.01 0.41 0.00	28.33 0.22 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.91 -0.49 0.00	21.60 -0.37 0.00	20.02 -0.42 0.00	18.08 -0.47 0.00	19.18 -0.40 0.00	23.49 -0.22 0.00	24.95 -0.25 0.00	25.47 -0.15 0.00	24.06 -0.05 0.00	23.77 0.03 0.00	25.73 0.20 0.00	29.28 0.65 0.00	27.43 0.62 0.00	28.59 0.54 0.00	27.10 0.15 0.00	30.31 0.35 0.00	34.09 0.27 0.00	39.93 0.62 0.00	41.14 0.62 0.00	43.22 0.35 0.00	40.52 0.04 0.00	40.23 -0.02 0.00	32.62 0.02 0.00	28.01 -0.10 0.00
STA_56___34_KV_BUS2 355983	20.91 -0.49 0.00	21.60 -0.37 0.00	20.02 -0.42 0.00	18.08 -0.47 0.00	19.18 -0.40 0.00	23.49 -0.22 0.00	24.95 -0.25 0.00	25.47 -0.15 0.00	24.06 -0.05 0.00	23.77 0.03 0.00	25.73 0.20 0.00	29.28 0.65 0.00	27.43 0.62 0.00	28.59 0.54 0.00	27.10 0.15 0.00	30.31 0.35 0.00	34.09 0.27 0.00	39.93 0.62 0.00	41.14 0.62 0.00	43.22 0.35 0.00	40.52 0.04 0.00	40.23 -0.02 0.00	32.62 0.02 0.00	28.01 -0.10 0.00
STA_67___115KV_BK2 355882	20.95 -0.45 0.00	21.65 -0.33 0.00	20.07 -0.38 0.00	18.12 -0.43 0.00	19.22 -0.36 0.00	23.56 -0.15 0.00	25.02 -0.18 0.00	25.54 -0.08 0.00	24.12 0.01 0.00	23.82 0.08 0.00	25.80 0.26 0.00	29.37 0.74 0.00	27.49 0.68 0.00	28.65 0.60 0.00	27.13 0.18 0.00	30.36 0.39 0.00	34.11 0.29 0.00	39.97 0.67 0.00	41.18 0.65 0.00	43.27 0.39 0.00	40.56 0.09 0.00	40.29 0.04 0.00	32.70 0.10 0.00	28.08 -0.03 0.00
STA_7___115KV_9TRANS 80674	21.10 -0.30 0.00	21.80 -0.17 0.00	20.20 -0.24 0.00	18.24 -0.32 0.00	19.34 -0.24 0.00	23.71 0.00 0.00	25.19 -0.01 0.00	25.72 0.09 0.00	24.30 0.19 0.00	24.00 0.26 0.00	26.00 0.46 0.00	29.62 0.99 0.00	27.73 0.92 0.00	28.90 0.86 0.00	27.39 0.43 0.00	30.66 0.69 0.00	34.46 0.64 0.00	40.40 1.10 0.00	41.64 1.11 0.00	43.72 0.84 0.00	40.97 0.49 0.00	40.68 0.43 0.00	32.99 0.39 0.00	28.31 0.19 0.00
STA_82___115KV_TB1 80780	20.96 -0.44 0.00	21.67 -0.31 0.00	20.08 -0.37 0.00	18.13 -0.43 0.00	19.22 -0.36 0.00	23.57 -0.14 0.00	25.03 -0.17 0.00	25.55 -0.07 0.00	24.13 0.02 0.00	23.83 0.09 0.00	25.81 0.27 0.00	29.39 0.76 0.00	27.51 0.70 0.00	28.65 0.61 0.00	27.14 0.19 0.00	30.36 0.39 0.00	34.13 0.30 0.00	39.98 0.68 0.00	41.20 0.67 0.00	43.28 0.40 0.00	40.58 0.11 0.00	40.32 0.07 0.00	32.71 0.11 0.00	28.09 -0.02 0.00
STEEL___WIND 323596	20.76 -0.64 0.00	21.56 -0.42 0.00	19.95 -0.49 0.00	17.96 -0.60 0.00	19.10 -0.48 0.00	23.58 -0.13 0.00	25.05 -0.14 0.00	25.63 0.01 0.00	24.35 0.24 0.00	24.07 0.33 0.00	26.13 0.60 0.00	30.24 1.32 -0.29	28.79 1.13 -0.84	29.16 0.97 -0.14	28.04 0.30 -0.79	32.38 0.56 -1.85	36.87 0.32 -2.72	44.45 0.88 -4.26	44.97 0.69 -3.74	46.55 0.34 -3.33	40.36 -0.11 0.00	40.23 -0.03 0.00	32.77 0.16 0.00	28.15 0.04 0.00
STEPHTWN_115KV_BK_2 55603	21.77 0.37 0.00	22.30 0.33 0.00	20.87 0.43 0.00	18.95 0.39 0.00	19.98 0.40 0.00	24.13 0.42 0.00	25.67 0.48 0.00	26.23 0.60 0.00	24.47 0.36 0.00	24.08 0.34 0.00	25.84 0.30 0.00	28.97 0.34 0.00	27.21 0.40 0.00	28.54 0.50 0.00	27.39 0.43 0.00	30.51 0.55 0.00	34.68 0.86 0.00	40.19 0.88 0.00	41.72 1.19 0.00	43.98 1.10 0.00	41.65 1.17 0.00	41.36 1.11 0.00	33.42 0.82 0.00	28.76 0.65 0.00
STEUBEN_REC_LFGE 323667	21.72 0.31 0.00	22.32 0.34 0.00	20.74 0.30 0.00	18.46 -0.09 0.00	19.75 0.17 0.00	24.54 0.83 0.00	26.14 0.94 0.00	26.84 1.22 0.00	25.58 1.47 0.00	25.23 1.49 0.00	27.13 1.60 0.00	31.21 2.49 -0.10	29.25 2.16 -0.28	30.18 2.09 -0.04	28.86 1.64 -0.26	32.49 1.91 -0.61	36.20 1.47 -0.90	42.94 2.22 -1.41	44.14 2.37 -1.24	46.50 2.51 -1.10	42.60 2.13 0.00	42.73 2.48 0.00	34.65 2.04 0.00	29.68 1.57 0.00
STILLWATER___SOLAR 323814	22.30 0.90 0.00	22.89 0.91 0.00	21.34 0.89 0.00	19.37 0.82 0.00	20.46 0.88 0.00	24.71 0.99 0.00	26.30 1.10 0.00	26.85 1.23 0.00	25.10 0.99 0.00	24.56 0.83 0.00	26.25 0.71 0.00	29.47 0.84 0.00	27.61 0.79 0.00	29.00 0.95 0.00	27.82 0.87 0.00	31.06 1.09 0.00	35.38 1.56 0.00	41.13 1.83 0.00	42.94 2.41 0.00	45.40 2.53 0.00	43.21 2.74 0.00	42.94 2.68 0.00	34.67 2.07 0.00	29.81 1.70 0.00
STONY___BROOK 24151	22.32 0.92 0.00	22.82 0.85 0.00	21.04 0.60 0.00	19.31 0.76 0.00	20.22 0.64 0.00	24.28 0.57 0.00	26.02 0.83 0.00	26.77 1.15 0.00	25.20 1.09 0.00	24.97 1.23 0.00	27.16 1.62 0.00	30.81 2.18 0.00	30.51 2.42 -1.28	32.19 2.67 -1.48	29.32 2.37 0.00	32.72 2.75 0.00	37.06 3.24 0.00	42.59 3.28 0.00	44.19 3.66 0.00	45.93 3.05 0.00	43.05 2.58 0.00	43.16 2.90 0.00	34.84 2.23 0.00	30.04 1.93 0.00
STURGEON_POOL_HYD 23609	22.06 0.66 0.00	22.48 0.50 0.00	20.85 0.40 0.00	18.95 0.40 0.00	19.94 0.36 0.00	24.08 0.37 0.00	25.76 0.56 0.00	26.47 0.84 0.00	25.04 0.93 0.00	24.78 1.04 0.00	26.76 1.23 0.00	30.18 1.55 0.00	28.44 1.63 0.00	29.86 1.82 0.00	28.62 1.67 0.00	31.96 2.00 0.00	36.08 2.26 0.00	41.80 2.50 0.00	43.09 2.56 0.00	45.07 2.19 0.00	42.43 1.95 0.00	42.20 1.95 0.00	34.15 1.55 0.00	29.37 1.26 0.00
ST_LAW_115_BK7_LBMP 345037	21.32 -0.08 0.00	21.96 -0.02 0.00	20.38 -0.06 0.00	18.47 -0.08 0.00	19.49 -0.10 0.00	23.72 0.01 0.00	25.20 0.00 0.00	25.46 -0.16 0.00	23.98 -0.13 0.00	23.55 -0.19 0.00	25.37 -0.17 0.00	28.30 -0.33 0.00	26.35 -0.46 0.00	27.42 -0.63 0.00	26.50 -0.46 0.00	29.39 -0.58 0.00	33.15 -0.67 0.00	38.57 -0.73 0.00	39.66 -0.87 0.00	42.23 -0.65 0.00	39.83 -0.64 0.00	39.65 -0.61 0.00	32.16 -0.44 0.00	27.80 -0.31 0.00

ST_LAW_115_BK8_LBMP 345038	21.32 -0.08 0.00	21.96 -0.02 0.00	20.38 -0.06 0.00	18.47 -0.08 0.00	19.49 -0.10 0.00	23.72 0.01 0.00	25.20 0.00 0.00	25.46 -0.16 0.00	23.98 -0.13 0.00	23.55 -0.19 0.00	25.37 -0.17 0.00	28.30 -0.33 0.00	26.35 -0.46 0.00	27.42 -0.63 0.00	26.50 -0.46 0.00	29.39 -0.58 0.00	33.15 -0.67 0.00	38.57 -0.73 0.00	39.66 -0.87 0.00	42.23 -0.65 0.00	39.83 -0.64 0.00	39.65 -0.61 0.00	32.16 -0.44 0.00	27.80 -0.31 0.00
ST_LAW_230_BK5_LBMP 345035	21.33 -0.06 0.00	21.97 -0.01 0.00	20.40 -0.05 0.00	18.49 -0.07 0.00	19.50 -0.08 0.00	23.73 0.02 0.00	25.20 0.01 0.00	25.48 -0.14 0.00	24.00 -0.11 0.00	23.58 -0.16 0.00	25.39 -0.14 0.00	28.33 -0.30 0.00	26.39 -0.42 0.00	27.47 -0.58 0.00	26.54 -0.41 0.00	29.44 -0.53 0.00	33.22 -0.60 0.00	38.63 -0.67 0.00	39.73 -0.80 0.00	42.29 -0.59 0.00	39.88 -0.60 0.00	39.69 -0.56 0.00	32.20 -0.41 0.00	27.82 -0.29 0.00
ST_LAW_230_BK6_LBMP 345036	21.33 -0.06 0.00	21.97 -0.01 0.00	20.40 -0.05 0.00	18.49 -0.07 0.00	19.50 -0.08 0.00	23.73 0.02 0.00	25.20 0.01 0.00	25.48 -0.14 0.00	24.00 -0.11 0.00	23.58 -0.16 0.00	25.39 -0.14 0.00	28.33 -0.30 0.00	26.39 -0.42 0.00	27.47 -0.58 0.00	26.54 -0.41 0.00	29.44 -0.53 0.00	33.22 -0.60 0.00	38.63 -0.67 0.00	39.73 -0.80 0.00	42.29 -0.59 0.00	39.88 -0.60 0.00	39.69 -0.56 0.00	32.20 -0.41 0.00	27.82 -0.29 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.03 0.63 0.00	22.48 0.51 0.00	20.88 0.43 0.00	18.97 0.42 0.00	19.97 0.39 0.00	24.14 0.43 0.00	25.82 0.62 0.00	26.44 0.82 0.00	24.93 0.82 0.00	24.66 0.92 0.00	26.61 1.08 0.00	30.03 1.40 0.00	28.28 1.47 0.00	29.70 1.65 0.00	28.47 1.51 0.00	31.75 1.78 0.00	35.81 1.99 0.00	41.54 2.24 0.00	42.89 2.36 0.00	44.92 2.04 0.00	42.31 1.83 0.00	42.07 1.82 0.00	34.05 1.45 0.00	29.29 1.18 0.00
SWANROAD_115KV_TB1 355699	20.14 -1.26 0.00	20.96 -1.02 0.00	19.40 -1.05 0.00	17.45 -1.10 0.00	18.57 -1.01 0.00	22.93 -0.78 0.00	24.37 -0.83 0.00	24.94 -0.68 0.00	23.66 -0.45 0.00	23.35 -0.39 0.00	25.46 -0.08 0.00	29.12 0.54 0.05	27.09 0.41 0.14	28.06 0.04 0.02	26.16 -0.67 0.13	29.18 -0.49 0.30	32.56 -0.82 0.44	38.13 -0.48 0.69	39.21 -0.71 0.61	41.20 -1.14 0.54	39.05 -1.42 0.00	38.90 -1.35 0.00	31.81 -0.79 0.00	27.42 -0.69 0.00
SYNERGY___BIOGAS 323694	21.13 -0.27 0.00	21.90 -0.08 0.00	20.26 -0.18 0.00	18.24 -0.31 0.00	19.40 -0.18 0.00	23.91 0.20 0.00	25.45 0.26 0.00	26.07 0.45 0.00	24.61 0.50 0.00	24.23 0.49 0.00	26.29 0.75 0.00	30.05 1.48 0.06	28.04 1.40 0.17	29.26 1.24 0.03	27.35 0.56 0.16	30.45 0.86 0.38	34.05 0.79 0.56	39.89 1.47 0.88	41.26 1.50 0.77	43.51 1.32 0.69	41.39 0.91 0.00	41.11 0.86 0.00	33.43 0.82 0.00	28.69 0.57 0.00
SYRACUSE___ENERGY_ST1 323597	21.36 -0.04 0.00	21.96 -0.02 0.00	20.39 -0.05 0.00	18.51 -0.04 0.00	19.57 -0.01 0.00	23.70 -0.01 0.00	25.15 -0.04 0.00	25.61 -0.02 0.00	24.12 0.00 0.00	23.78 0.04 0.00	25.58 0.04 0.00	28.84 0.21 0.00	27.06 0.25 0.00	28.33 0.28 0.00	27.11 0.16 0.00	30.22 0.25 0.00	34.10 0.28 0.00	39.74 0.43 0.00	41.06 0.53 0.00	43.32 0.44 0.00	40.80 0.33 0.00	40.50 0.24 0.00	32.72 0.12 0.00	28.16 0.05 0.00
SYRACUSE___ENERGY_ST2 323598	21.36 -0.04 0.00	21.96 -0.02 0.00	20.39 -0.05 0.00	18.51 -0.04 0.00	19.57 -0.01 0.00	23.70 -0.01 0.00	25.15 -0.04 0.00	25.61 -0.02 0.00	24.12 0.00 0.00	23.78 0.04 0.00	25.58 0.04 0.00	28.84 0.21 0.00	27.06 0.25 0.00	28.33 0.28 0.00	27.11 0.16 0.00	30.22 0.25 0.00	34.10 0.28 0.00	39.74 0.43 0.00	41.06 0.53 0.00	43.32 0.44 0.00	40.80 0.33 0.00	40.50 0.24 0.00	32.72 0.12 0.00	28.16 0.05 0.00
SYRACUSE___POWER 24017	21.27 -0.13 0.00	21.85 -0.12 0.00	20.30 -0.14 0.00	18.42 -0.13 0.00	19.48 -0.11 0.00	23.60 -0.11 0.00	25.04 -0.15 0.00	25.52 -0.10 0.00	24.02 -0.09 0.00	23.69 -0.06 0.00	25.48 -0.06 0.00	28.73 0.10 0.00	26.96 0.15 0.00	28.21 0.17 0.00	27.03 0.07 0.00	30.10 0.14 0.00	33.97 0.15 0.00	39.56 0.25 0.00	40.86 0.33 0.00	43.09 0.21 0.00	40.58 0.10 0.00	40.30 0.05 0.00	32.58 -0.02 0.00	28.03 -0.08 0.00
TALLMAN___138KV_BK151 55660	22.12 0.72 0.00	22.55 0.57 0.00	20.92 0.48 0.00	19.01 0.46 0.00	20.01 0.43 0.00	24.19 0.48 0.00	25.91 0.72 0.00	26.55 0.93 0.00	25.05 0.94 0.00	24.82 1.08 0.00	26.82 1.28 0.00	30.29 1.66 0.00	28.56 1.75 0.00	30.00 1.95 0.00	28.74 1.79 0.00	32.06 2.10 0.00	36.12 2.30 0.00	41.86 2.56 0.00	43.20 2.67 0.00	45.15 2.28 0.00	42.51 2.04 0.00	42.28 2.03 0.00	34.23 1.62 0.00	29.44 1.33 0.00
TEALLAVE_115KV_TB7 355573	21.20 -0.20 0.00	21.79 -0.19 0.00	20.25 -0.20 0.00	18.36 -0.19 0.00	19.42 -0.17 0.00	23.54 -0.18 0.00	24.97 -0.22 0.00	25.45 -0.18 0.00	23.96 -0.15 0.00	23.62 -0.12 0.00	25.41 -0.13 0.00	28.65 0.02 0.00	26.88 0.07 0.00	28.13 0.09 0.00	26.94 -0.02 0.00	30.01 0.05 0.00	33.86 0.03 0.00	39.42 0.12 0.00	40.72 0.19 0.00	42.93 0.05 0.00	40.44 -0.04 0.00	40.16 -0.10 0.00	32.48 -0.12 0.00	27.95 -0.16 0.00
TELGRAPH_34_KV_EAST 80808	20.68 -0.72 0.00	21.48 -0.49 0.00	19.87 -0.57 0.00	17.88 -0.67 0.00	19.03 -0.56 0.00	23.47 -0.24 0.00	24.97 -0.23 0.00	25.56 -0.07 0.00	24.21 0.10 0.00	23.89 0.15 0.00	25.99 0.45 0.00	29.71 1.15 0.07	27.62 1.01 0.20	28.77 0.76 0.03	26.84 0.08 0.19	29.88 0.36 0.45	33.33 0.17 0.66	38.95 0.68 1.03	40.18 0.56 0.91	42.30 0.22 0.81	40.32 -0.15 0.00	40.11 -0.14 0.00	32.70 0.09 0.00	28.12 0.01 0.00
TEMPLE___115KV_TB 2 55572	21.21 -0.19 0.00	21.80 -0.18 0.00	20.25 -0.19 0.00	18.37 -0.19 0.00	19.43 -0.16 0.00	23.54 -0.17 0.00	24.98 -0.22 0.00	25.45 -0.17 0.00	23.97 -0.14 0.00	23.64 -0.10 0.00	25.43 -0.11 0.00	28.68 0.05 0.00	26.90 0.09 0.00	28.16 0.11 0.00	26.96 0.00 0.00	30.04 0.07 0.00	33.88 0.06 0.00	39.46 0.15 0.00	40.74 0.21 0.00	42.95 0.07 0.00	40.46 -0.02 0.00	40.17 -0.08 0.00	32.49 -0.11 0.00	27.97 -0.15 0.00
TIANA____69_KV_BK 1 55817	22.30 0.90 0.00	22.77 0.79 0.00	21.01 0.57 0.00	19.34 0.79 0.00	20.21 0.63 0.00	24.31 0.60 0.00	26.07 0.87 0.00	26.83 1.21 0.00	25.30 1.19 0.00	25.07 1.33 0.00	27.23 1.70 0.00	30.92 2.29 0.00	30.65 2.56 -1.28	32.38 2.85 -1.48	29.49 2.54 0.00	32.90 2.94 0.00	37.35 3.53 0.00	43.06 3.76 0.00	44.70 4.17 0.00	46.38 3.50 0.00	43.46 2.98 0.00	43.38 3.13 0.00	34.96 2.36 0.00	30.12 2.01 0.00
TILDEN___115KV_TB1 80814	21.27 -0.13 0.00	21.85 -0.12 0.00	20.30 -0.14 0.00	18.42 -0.13 0.00	19.48 -0.11 0.00	23.60 -0.11 0.00	25.04 -0.15 0.00	25.52 -0.10 0.00	24.02 -0.09 0.00	23.69 -0.06 0.00	25.48 -0.06 0.00	28.73 0.10 0.00	26.96 0.15 0.00	28.21 0.17 0.00	27.03 0.07 0.00	30.10 0.14 0.00	33.97 0.15 0.00	39.56 0.25 0.00	40.86 0.33 0.00	43.09 0.21 0.00	40.58 0.10 0.00	40.30 0.05 0.00	32.58 -0.02 0.00	28.03 -0.08 0.00

TRIGEN___CC 323695	22.37 0.96 0.00	22.82 0.85 0.00	21.10 0.65 0.00	19.27 0.72 0.00	20.24 0.65 0.00	24.35 0.64 0.00	26.07 0.87 0.00	26.77 1.15 0.00	25.20 1.09 0.00	24.97 1.23 0.00	27.15 1.61 0.00	30.74 2.11 0.00	30.35 2.27 -1.28	32.00 2.48 -1.48	29.15 2.19 0.00	32.48 2.51 0.00	36.64 2.81 0.00	42.37 3.07 0.00	43.83 3.30 0.00	45.69 2.81 0.00	42.94 2.46 0.00	42.88 2.63 0.00	34.71 2.11 0.00	29.90 1.79 0.00
TRINITY___115KV___4 BK 55933	21.60 0.19 0.00	22.16 0.18 0.00	20.78 0.34 0.00	18.90 0.34 0.00	19.93 0.35 0.00	24.00 0.29 0.00	25.53 0.33 0.00	26.05 0.43 0.00	24.30 0.19 0.00	23.91 0.17 0.00	25.61 0.08 0.00	28.71 0.08 0.00	26.96 0.15 0.00	28.28 0.24 0.00	27.15 0.20 0.00	30.19 0.23 0.00	34.20 0.38 0.00	39.63 0.33 0.00	41.08 0.56 0.00	43.36 0.48 0.00	41.13 0.66 0.00	40.89 0.64 0.00	33.09 0.49 0.00	28.51 0.40 0.00
UNION___PROCESSING_DRP 323587	20.96 -0.44 0.00	21.67 -0.31 0.00	20.08 -0.37 0.00	18.13 -0.42 0.00	19.23 -0.35 0.00	23.57 -0.14 0.00	25.03 -0.16 0.00	25.56 -0.06 0.00	24.14 0.03 0.00	23.83 0.09 0.00	25.81 0.27 0.00	29.39 0.76 0.00	27.51 0.70 0.00	28.66 0.62 0.00	27.15 0.20 0.00	30.37 0.40 0.00	34.14 0.32 0.00	40.00 0.70 0.00	41.21 0.69 0.00	43.30 0.42 0.00	40.60 0.12 0.00	40.33 0.08 0.00	32.72 0.12 0.00	28.11 0.00 0.00
UPPER HUDSON___HYD 24058	22.40 0.99 0.00	23.01 1.03 0.00	21.44 0.99 0.00	19.44 0.88 0.00	20.53 0.94 0.00	24.84 1.13 0.00	26.47 1.28 0.00	27.07 1.45 0.00	25.32 1.21 0.00	24.73 0.99 0.00	26.29 0.76 0.00	29.50 0.87 0.00	27.57 0.76 0.00	29.00 0.95 0.00	27.86 0.91 0.00	31.19 1.22 0.00	35.59 1.77 0.00	41.36 2.06 0.00	43.90 3.38 0.00	46.42 3.54 0.00	44.28 3.81 0.00	43.67 3.42 0.00	35.23 2.63 0.00	30.24 2.13 0.00
UPPER RAQUET___HYD 24056	20.99 -0.42 0.00	21.61 -0.36 0.00	20.02 -0.42 0.00	18.16 -0.39 0.00	19.16 -0.42 0.00	23.32 -0.39 0.00	24.84 -0.36 0.00	25.00 -0.62 0.00	23.51 -0.60 0.00	23.02 -0.72 0.00	24.75 -0.79 0.00	27.58 -1.05 0.00	25.64 -1.18 0.00	26.62 -1.42 0.00	25.77 -1.18 0.00	28.61 -1.36 0.00	32.33 -1.49 0.00	37.71 -1.59 0.00	38.96 -1.56 0.00	41.68 -1.19 0.00	39.34 -1.13 0.00	39.07 -1.18 0.00	31.65 -0.96 0.00	27.34 -0.77 0.00
VALLEY44_115KV_TB2 355964	21.03 -0.37 0.00	21.78 -0.19 0.00	20.15 -0.30 0.00	18.17 -0.38 0.00	19.33 -0.26 0.00	23.81 0.10 0.00	25.31 0.11 0.00	25.88 0.25 0.00	24.67 0.56 0.00	24.41 0.67 0.00	26.38 0.85 0.00	30.42 1.56 -0.22	28.69 1.23 -0.65	29.37 1.23 -0.10	28.13 0.57 -0.61	32.19 0.80 -1.42	36.37 0.46 -2.09	43.56 0.99 -3.27	44.19 0.79 -2.87	45.86 0.43 -2.56	40.56 0.08 0.00	40.49 0.23 0.00	32.94 0.34 0.00	28.29 0.18 0.00
VALLEY___115KV_TB 1-4 80826	21.30 -0.10 0.00	21.85 -0.12 0.00	20.38 -0.06 0.00	18.52 -0.03 0.00	19.55 -0.04 0.00	23.57 -0.14 0.00	25.03 -0.16 0.00	25.46 -0.16 0.00	23.75 -0.36 0.00	23.36 -0.38 0.00	25.07 -0.46 0.00	28.18 -0.45 0.00	26.52 -0.29 0.00	27.83 -0.22 0.00	26.72 -0.23 0.00	29.82 -0.15 0.00	33.67 -0.15 0.00	39.31 0.00 0.00	40.81 0.29 0.00	43.14 0.26 0.00	40.81 0.34 0.00	40.64 0.39 0.00	32.87 0.27 0.00	28.23 0.11 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.07 0.66 0.00	22.59 0.61 0.00	21.01 0.57 0.00	19.07 0.52 0.00	20.13 0.55 0.00	24.45 0.75 0.00	25.99 0.79 0.00	26.54 0.92 0.00	25.02 0.91 0.00	24.67 0.93 0.00	26.58 1.04 0.00	29.92 1.29 0.00	28.11 1.30 0.00	29.43 1.39 0.00	28.21 1.26 0.00	31.41 1.45 0.00	35.46 1.63 0.00	41.24 1.94 0.00	42.60 2.07 0.00	44.90 2.02 0.00	42.28 1.81 0.00	42.02 1.77 0.00	33.98 1.38 0.00	29.22 1.11 0.00
VISCHER___FERRY HYD 24020	21.94 0.54 0.00	22.53 0.55 0.00	21.03 0.59 0.00	19.11 0.55 0.00	20.17 0.59 0.00	24.32 0.61 0.00	25.84 0.64 0.00	26.38 0.76 0.00	24.69 0.58 0.00	24.24 0.50 0.00	25.97 0.43 0.00	29.12 0.49 0.00	27.30 0.49 0.00	28.64 0.59 0.00	27.47 0.52 0.00	30.55 0.58 0.00	34.68 0.86 0.00	40.18 0.88 0.00	41.77 1.24 0.00	44.17 1.29 0.00	42.04 1.57 0.00	41.81 1.56 0.00	33.82 1.22 0.00	29.15 1.04 0.00
V_A_10_SYNC_DSASP 323832	20.48 -0.93 0.00	21.25 -0.73 0.00	19.68 -0.76 0.00	17.74 -0.81 0.00	18.85 -0.73 0.00	23.20 -0.51 0.00	24.65 -0.54 0.00	25.20 -0.42 0.00	23.86 -0.25 0.00	23.57 -0.17 0.00	25.57 0.03 0.00	29.19 0.59 0.04	27.20 0.50 0.11	28.33 0.30 0.02	26.59 -0.26 0.10	29.66 -0.07 0.24	33.15 -0.32 0.35	38.78 0.03 0.56	39.92 -0.12 0.49	41.95 -0.49 0.43	39.65 -0.82 0.00	39.45 -0.80 0.00	32.15 -0.46 0.00	27.66 -0.45 0.00
V_CMM_10_SYNC_DSASP 323787	21.41 0.01 0.00	22.06 0.08 0.00	20.47 0.02 0.00	18.55 0.00 0.00	19.58 0.00 0.00	23.83 0.11 0.00	25.31 0.11 0.00	25.57 -0.05 0.00	24.09 -0.02 0.00	23.67 -0.08 0.00	25.50 -0.04 0.00	28.44 -0.19 0.00	26.48 -0.33 0.00	27.55 -0.49 0.00	26.63 -0.32 0.00	29.54 -0.42 0.00	33.32 -0.50 0.00	38.77 -0.53 0.00	39.86 -0.67 0.00	42.44 -0.44 0.00	40.03 -0.44 0.00	39.84 -0.41 0.00	32.32 -0.28 0.00	27.92 -0.19 0.00
V_CMP_10_SYNC_DSASP 323788	22.15 0.74 0.00	22.81 0.84 0.00	21.14 0.69 0.00	19.18 0.62 0.00	20.26 0.68 0.00	24.54 0.83 0.00	26.19 1.00 0.00	26.71 1.08 0.00	25.05 0.93 0.00	24.41 0.67 0.00	26.11 0.57 0.00	29.23 0.60 0.00	27.11 0.30 0.00	28.13 0.09 0.00	26.88 -0.08 0.00	29.89 -0.08 0.00	34.08 0.26 0.00	39.56 0.26 0.00	41.21 0.68 0.00	43.95 1.07 0.00	41.27 0.80 0.00	40.98 0.73 0.00	33.56 0.96 0.00	29.04 0.93 0.00
V_D_10_SYNC_DSASP 323841	21.49 0.09 0.00	22.14 0.16 0.00	20.54 0.10 0.00	18.62 0.07 0.00	19.64 0.06 0.00	23.91 0.20 0.00	25.42 0.22 0.00	25.66 0.04 0.00	24.16 0.04 0.00	23.71 -0.03 0.00	25.54 0.01 0.00	28.49 -0.13 0.00	26.52 -0.29 0.00	27.59 -0.46 0.00	26.67 -0.29 0.00	29.59 -0.38 0.00	33.39 -0.43 0.00	38.86 -0.45 0.00	39.99 -0.54 0.00	42.62 -0.26 0.00	40.20 -0.28 0.00	40.00 -0.25 0.00	32.44 -0.17 0.00	28.03 -0.08 0.00
V_E_10_SYNC_DSASP 323830	22.69 1.29 0.00	23.27 1.29 0.00	21.59 1.15 0.00	19.56 1.00 0.00	20.75 1.16 0.00	25.23 1.52 0.00	27.02 1.82 0.00	27.58 1.95 0.00	25.86 1.75 0.00	25.21 1.47 0.00	27.08 1.54 0.00	30.40 1.77 0.00	28.58 1.77 0.00	29.95 1.91 0.00	28.53 1.58 0.00	31.70 1.73 0.00	35.76 1.94 0.00	42.05 2.75 0.00	44.15 3.63 0.00	46.89 4.01 0.00	44.15 3.67 0.00	43.74 3.49 0.00	35.18 2.58 0.00	30.16 2.05 0.00
V_F_30_NSYNC___DSASP 323816	22.34 0.94 0.00	22.93 0.95 0.00	21.37 0.93 0.00	19.40 0.85 0.00	20.49 0.91 0.00	24.75 1.04 0.00	26.35 1.15 0.00	26.91 1.28 0.00	25.17 1.06 0.00	24.64 0.90 0.00	26.34 0.80 0.00	29.59 0.96 0.00	27.71 0.90 0.00	29.11 1.07 0.00	27.93 0.98 0.00	31.18 1.21 0.00	35.50 1.68 0.00	41.28 1.98 0.00	43.10 2.58 0.00	45.57 2.69 0.00	43.36 2.88 0.00	43.04 2.79 0.00	34.75 2.14 0.00	29.87 1.76 0.00

V_F_30_SYNC_DSASP 323786	21.69 0.28 0.00	22.25 0.27 0.00	20.86 0.41 0.00	18.95 0.40 0.00	20.00 0.42 0.00	24.08 0.37 0.00	25.63 0.43 0.00	26.16 0.53 0.00	24.42 0.31 0.00	24.03 0.28 0.00	25.75 0.21 0.00	28.86 0.23 0.00	27.11 0.30 0.00	28.44 0.39 0.00	27.32 0.37 0.00	30.38 0.41 0.00	34.42 0.60 0.00	39.89 0.59 0.00	41.35 0.82 0.00	43.62 0.74 0.00	41.36 0.89 0.00	41.11 0.86 0.00	33.25 0.65 0.00	28.65 0.54 0.00
V_XM_10_SYNC_DSASP 323789	22.15 0.74 0.00	22.81 0.84 0.00	21.14 0.69 0.00	19.18 0.62 0.00	20.26 0.68 0.00	24.54 0.83 0.00	26.19 1.00 0.00	26.71 1.08 0.00	25.05 0.93 0.00	24.41 0.67 0.00	26.11 0.57 0.00	29.23 0.60 0.00	27.11 0.30 0.00	28.13 0.09 0.00	26.88 -0.08 0.00	29.89 -0.08 0.00	34.08 0.26 0.00	39.56 0.26 0.00	41.21 0.68 0.00	43.95 1.07 0.00	41.27 0.80 0.00	40.98 0.73 0.00	33.56 0.96 0.00	29.04 0.93 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.20 0.80 0.00	22.62 0.65 0.00	20.99 0.55 0.00	19.08 0.53 0.00	20.08 0.50 0.00	24.27 0.56 0.00	25.99 0.80 0.00	26.64 1.02 0.00	25.14 1.04 0.00	24.90 1.16 0.00	26.91 1.37 0.00	30.39 1.76 0.00	28.65 1.84 0.00	30.11 2.06 0.00	28.84 1.89 0.00	32.18 2.21 0.00	36.27 2.44 0.00	42.03 2.73 0.00	43.37 2.84 0.00	45.35 2.47 0.00	42.69 2.22 0.00	42.45 2.20 0.00	34.36 1.76 0.00	29.55 1.43 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.30 0.90 0.00	22.74 0.76 0.00	21.11 0.66 0.00	19.20 0.64 0.00	20.19 0.61 0.00	24.38 0.67 0.00	26.12 0.92 0.00	26.81 1.19 0.00	25.34 1.23 0.00	25.12 1.38 0.00	27.14 1.60 0.00	30.65 2.02 0.00	28.91 2.10 0.00	30.36 2.32 0.00	29.08 2.13 0.00	32.40 2.43 0.00	36.51 2.69 0.00	42.26 2.96 0.00	43.55 3.02 0.00	45.50 2.62 0.00	42.82 2.35 0.00	42.65 2.40 0.00	34.59 1.99 0.00	29.74 1.63 0.00
W50THST__13_KV_LOAD 356117	22.40 1.00 0.00	22.86 0.88 0.00	21.21 0.77 0.00	19.30 0.75 0.00	20.30 0.72 0.00	24.52 0.80 0.00	26.29 1.10 0.00	27.01 1.39 0.00	25.56 1.44 0.00	25.34 1.60 0.00	27.39 1.85 0.00	30.96 2.33 0.00	29.19 2.38 0.00	30.67 2.63 0.00	29.38 2.42 0.00	32.72 2.75 0.00	36.85 3.03 0.00	42.64 3.33 0.00	43.91 3.38 0.00	45.83 2.95 0.00	43.13 2.65 0.00	42.93 2.68 0.00	34.84 2.23 0.00	29.94 1.82 0.00
WADING RIVER_IC_1 23522	22.04 0.64 0.00	22.50 0.53 0.00	20.76 0.31 0.00	19.12 0.57 0.00	19.95 0.37 0.00	23.98 0.27 0.00	25.70 0.51 0.00	26.44 0.81 0.00	24.90 0.78 0.00	24.65 0.91 0.00	26.76 1.22 0.00	30.37 1.74 0.00	30.11 2.02 -1.28	31.80 2.28 -1.48	28.95 2.00 0.00	32.31 2.34 0.00	36.66 2.83 0.00	42.22 2.92 0.00	43.89 3.36 0.00	45.60 2.72 0.00	42.75 2.27 0.00	42.71 2.46 0.00	34.44 1.83 0.00	29.69 1.58 0.00
WADING RIVER_IC_2 23547	22.04 0.64 0.00	22.50 0.53 0.00	20.76 0.31 0.00	19.12 0.57 0.00	19.95 0.37 0.00	23.98 0.27 0.00	25.70 0.51 0.00	26.44 0.81 0.00	24.90 0.78 0.00	24.65 0.91 0.00	26.76 1.22 0.00	30.37 1.74 0.00	30.11 2.02 -1.28	31.80 2.28 -1.48	28.95 2.00 0.00	32.31 2.34 0.00	36.66 2.83 0.00	42.22 2.92 0.00	43.89 3.36 0.00	45.60 2.72 0.00	42.75 2.27 0.00	42.71 2.46 0.00	34.44 1.83 0.00	29.69 1.58 0.00
WADING RIVER_IC_3 23601	22.04 0.64 0.00	22.50 0.53 0.00	20.76 0.31 0.00	19.12 0.57 0.00	19.95 0.37 0.00	23.98 0.27 0.00	25.70 0.51 0.00	26.44 0.81 0.00	24.90 0.78 0.00	24.65 0.91 0.00	26.76 1.22 0.00	30.37 1.74 0.00	30.11 2.02 -1.28	31.80 2.28 -1.48	28.95 2.00 0.00	32.31 2.34 0.00	36.66 2.83 0.00	42.22 2.92 0.00	43.89 3.36 0.00	45.60 2.72 0.00	42.75 2.27 0.00	42.71 2.46 0.00	34.44 1.83 0.00	29.69 1.58 0.00
WALDENNY_12_KV_BK2 80841	20.77 -0.64 0.00	21.56 -0.41 0.00	19.96 -0.49 0.00	17.96 -0.59 0.00	19.11 -0.48 0.00	23.59 -0.12 0.00	25.07 -0.13 0.00	25.64 0.02 0.00	24.38 0.27 0.00	24.10 0.36 0.00	26.18 0.65 0.00	30.28 1.39 -0.27	28.78 1.20 -0.77	29.22 1.04 -0.12	28.03 0.36 -0.72	32.29 0.63 -1.69	36.71 0.40 -2.49	44.15 0.96 -3.89	44.70 0.76 -3.42	46.30 0.38 -3.04	40.42 -0.06 0.00	40.26 0.01 0.00	32.80 0.20 0.00	28.19 0.07 0.00
WALDEN__HYDRO 24148	22.14 0.74 0.00	22.58 0.61 0.00	20.97 0.53 0.00	19.06 0.50 0.00	20.06 0.48 0.00	24.24 0.53 0.00	25.93 0.74 0.00	26.57 0.94 0.00	25.04 0.93 0.00	24.76 1.02 0.00	26.72 1.19 0.00	30.13 1.51 0.00	28.38 1.57 0.00	29.80 1.76 0.00	28.58 1.63 0.00	31.88 1.91 0.00	36.01 2.19 0.00	41.77 2.47 0.00	43.14 2.61 0.00	45.19 2.32 0.00	42.59 2.12 0.00	42.34 2.09 0.00	34.25 1.65 0.00	29.45 1.34 0.00
WARRENSBURG____ 23737	22.40 0.99 0.00	23.01 1.03 0.00	21.44 0.99 0.00	19.44 0.88 0.00	20.53 0.94 0.00	24.84 1.13 0.00	26.47 1.28 0.00	27.07 1.45 0.00	25.32 1.21 0.00	24.73 0.99 0.00	26.29 0.76 0.00	29.50 0.87 0.00	27.57 0.76 0.00	29.00 0.95 0.00	27.86 0.91 0.00	31.19 1.22 0.00	35.59 1.77 0.00	41.36 2.06 0.00	43.90 3.38 0.00	46.42 3.54 0.00	44.28 3.81 0.00	43.67 3.42 0.00	35.23 2.63 0.00	30.24 2.13 0.00
WATERSIDE____6 8 9 23538	22.38 0.98 0.00	22.80 0.82 0.00	21.16 0.72 0.00	19.26 0.71 0.00	20.23 0.65 0.00	24.44 0.73 0.00	26.21 1.01 0.00	26.89 1.27 0.00	25.41 1.30 0.00	25.17 1.43 0.00	27.19 1.66 0.00	30.72 2.09 0.00	28.96 2.15 0.00	30.42 2.37 0.00	29.11 2.16 0.00	32.43 2.47 0.00	36.55 2.73 0.00	42.26 2.96 0.00	43.55 3.03 0.00	45.53 2.65 0.00	42.88 2.40 0.00	42.77 2.51 0.00	34.70 2.10 0.00	29.81 1.70 0.00
WATKINRD_115KV_LN8_ILLION 55919	21.36 -0.04 0.00	21.91 -0.07 0.00	20.42 -0.02 0.00	18.55 0.00 0.00	19.58 0.00 0.00	23.63 -0.08 0.00	25.12 -0.08 0.00	25.54 -0.08 0.00	23.88 -0.23 0.00	23.48 -0.26 0.00	25.21 -0.33 0.00	28.32 -0.31 0.00	26.61 -0.20 0.00	27.91 -0.13 0.00	26.82 -0.14 0.00	29.87 -0.09 0.00	33.75 -0.07 0.00	39.35 0.05 0.00	40.81 0.28 0.00	43.14 0.26 0.00	40.79 0.32 0.00	40.62 0.37 0.00	32.84 0.24 0.00	28.25 0.14 0.00
WATSON____69_KV_BK 1 55734	22.59 1.19 0.00	23.07 1.09 0.00	21.28 0.83 0.00	19.51 0.96 0.00	20.44 0.86 0.00	24.56 0.85 0.00	26.32 1.12 0.00	27.09 1.47 0.00	25.50 1.39 0.00	25.25 1.51 0.00	27.47 1.93 0.00	31.17 2.54 0.00	30.84 2.76 -1.28	32.55 3.02 -1.48	29.67 2.72 0.00	33.11 3.14 0.00	37.48 3.66 0.00	43.23 3.93 0.00	44.84 4.31 0.00	46.63 3.75 0.00	43.74 3.27 0.00	43.75 3.50 0.00	35.32 2.71 0.00	30.42 2.30 0.00
WDELAWARE__HYD 323627	21.73 0.33 0.00	22.16 0.18 0.00	20.57 0.12 0.00	18.68 0.13 0.00	19.67 0.09 0.00	23.78 0.07 0.00	25.45 0.25 0.00	26.06 0.44 0.00	24.58 0.46 0.00	24.26 0.52 0.00	26.15 0.61 0.00	29.46 0.83 0.00	27.71 0.91 0.00	29.12 1.07 0.00	27.98 1.03 0.00	31.29 1.33 0.00	35.38 1.56 0.00	41.09 1.79 0.00	42.49 1.96 0.00	44.56 1.68 0.00	41.97 1.50 0.00	41.71 1.45 0.00	33.68 1.08 0.00	28.93 0.82 0.00

WEST BABYLON___IC 23714	22.60 1.20 0.00	23.07 1.10 0.00	21.29 0.84 0.00	19.50 0.95 0.00	20.44 0.86 0.00	24.57 0.86 0.00	26.32 1.12 0.00	27.09 1.46 0.00	25.48 1.37 0.00	25.22 1.48 0.00	27.46 1.92 0.00	31.14 2.51 0.00	30.79 2.70 -1.28	32.49 2.97 -1.48	29.58 2.63 0.00	32.98 3.01 0.00	37.28 3.46 0.00	43.02 3.72 0.00	44.59 4.07 0.00	46.40 3.52 0.00	43.58 3.11 0.00	43.60 3.35 0.00	35.26 2.66 0.00	30.37 2.26 0.00
WEST CANADA___HYD 24049	21.43 0.02 0.00	21.99 0.01 0.00	20.48 0.04 0.00	18.59 0.04 0.00	19.62 0.04 0.00	23.72 0.00 0.00	25.21 0.02 0.00	25.67 0.05 0.00	24.13 0.02 0.00	23.76 0.02 0.00	25.54 0.00 0.00	28.67 0.04 0.00	26.88 0.07 0.00	28.15 0.11 0.00	27.03 0.08 0.00	30.07 0.10 0.00	33.95 0.13 0.00	39.43 0.13 0.00	40.73 0.20 0.00	43.04 0.16 0.00	40.64 0.17 0.00	40.42 0.17 0.00	32.74 0.13 0.00	28.21 0.10 0.00
WESTERN_NY_WIND 24143	21.10 -0.31 0.00	21.88 -0.10 0.00	20.24 -0.21 0.00	18.22 -0.33 0.00	19.38 -0.20 0.00	23.89 0.18 0.00	25.42 0.23 0.00	26.04 0.41 0.00	24.59 0.48 0.00	24.20 0.46 0.00	26.27 0.73 0.00	30.03 1.46 0.06	28.01 1.38 0.18	29.22 1.21 0.03	27.30 0.52 0.17	30.37 0.81 0.40	33.97 0.74 0.59	39.77 1.40 0.93	41.14 1.43 0.82	43.39 1.24 0.72	41.31 0.84 0.00	41.06 0.81 0.00	33.38 0.78 0.00	28.65 0.54 0.00
WESTOVER___LESR 323668	21.39 -0.01 0.00	21.98 0.01 0.00	20.42 -0.02 0.00	18.51 -0.05 0.00	19.60 0.02 0.00	23.82 0.11 0.00	25.33 0.14 0.00	25.89 0.27 0.00	24.45 0.34 0.00	24.12 0.38 0.00	25.96 0.42 0.00	29.41 0.75 -0.03	27.60 0.70 -0.09	28.79 0.73 -0.01	27.60 0.57 -0.08	30.86 0.70 -0.19	34.77 0.67 -0.28	40.65 0.91 -0.44	41.87 0.95 -0.38	44.06 0.84 -0.34	41.05 0.57 0.00	40.88 0.63 0.00	33.08 0.48 0.00	28.44 0.33 0.00
WETHRSFD_WT_PWR 323626	20.73 -0.67 0.00	21.49 -0.48 0.00	19.92 -0.53 0.00	17.94 -0.61 0.00	19.06 -0.52 0.00	23.48 -0.23 0.00	24.96 -0.23 0.00	25.45 -0.18 0.00	24.18 0.07 0.00	23.88 0.14 0.00	25.87 0.34 0.00	29.77 1.03 -0.11	28.00 0.86 -0.33	28.79 0.69 -0.05	27.39 0.13 -0.30	30.99 0.31 -0.71	34.83 -0.04 -1.05	41.36 0.41 -1.64	42.23 0.26 -1.44	44.20 0.04 -1.28	40.07 -0.41 0.00	40.04 -0.21 0.00	32.59 -0.01 0.00	27.98 -0.13 0.00
WHAVSTOR_138KV_BK127 55557	22.11 0.71 0.00	22.54 0.56 0.00	20.92 0.48 0.00	19.01 0.46 0.00	20.01 0.42 0.00	24.18 0.47 0.00	25.89 0.69 0.00	26.54 0.91 0.00	25.03 0.93 0.00	24.79 1.05 0.00	26.78 1.24 0.00	30.24 1.61 0.00	28.51 1.70 0.00	29.94 1.90 0.00	28.69 1.74 0.00	31.99 2.02 0.00	36.05 2.23 0.00	41.78 2.48 0.00	43.12 2.59 0.00	45.09 2.21 0.00	42.47 1.99 0.00	42.23 1.98 0.00	34.20 1.59 0.00	29.41 1.30 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.11 0.71 0.00	22.54 0.56 0.00	20.92 0.48 0.00	19.01 0.46 0.00	20.01 0.42 0.00	24.18 0.47 0.00	25.89 0.69 0.00	26.54 0.91 0.00	25.03 0.93 0.00	24.79 1.05 0.00	26.78 1.24 0.00	30.24 1.61 0.00	28.51 1.70 0.00	29.94 1.90 0.00	28.69 1.74 0.00	31.99 2.02 0.00	36.05 2.23 0.00	41.78 2.48 0.00	43.12 2.59 0.00	45.09 2.21 0.00	42.47 1.99 0.00	42.23 1.98 0.00	34.20 1.59 0.00	29.41 1.30 0.00
WHITEHAL_115KV_TB1 80871	22.69 1.29 0.00	23.29 1.31 0.00	21.71 1.26 0.00	19.71 1.16 0.00	20.86 1.28 0.00	25.28 1.57 0.00	26.95 1.75 0.00	27.62 2.00 0.00	25.69 1.58 0.00	24.86 1.12 0.00	26.41 0.88 0.00	29.60 0.97 0.00	27.67 0.85 0.00	29.14 1.09 0.00	27.99 1.04 0.00	31.59 1.62 0.00	36.32 2.49 0.00	41.94 2.64 0.00	44.92 4.40 0.00	47.56 4.68 0.00	45.58 5.10 0.00	44.89 4.64 0.00	36.25 3.65 0.00	31.14 3.03 0.00
WHITEPLN_13_KV_LOAD 356215	22.43 1.03 0.00	22.86 0.89 0.00	21.22 0.77 0.00	19.29 0.74 0.00	20.30 0.72 0.00	24.53 0.82 0.00	26.27 1.08 0.00	26.95 1.33 0.00	25.43 1.32 0.00	25.19 1.45 0.00	27.22 1.68 0.00	30.74 2.11 0.00	28.98 2.17 0.00	30.44 2.40 0.00	29.17 2.21 0.00	32.52 2.56 0.00	36.70 2.88 0.00	42.59 3.29 0.00	43.94 3.41 0.00	45.91 3.03 0.00	43.21 2.73 0.00	42.99 2.74 0.00	34.79 2.19 0.00	29.89 1.78 0.00
WM_FLOYD_69_KV_BK2 356380	22.25 0.84 0.00	22.73 0.76 0.00	20.96 0.51 0.00	19.27 0.72 0.00	20.14 0.56 0.00	24.21 0.50 0.00	25.94 0.74 0.00	26.68 1.06 0.00	25.12 1.01 0.00	24.86 1.12 0.00	26.98 1.44 0.00	30.60 1.97 0.00	30.31 2.23 -1.28	32.02 2.50 -1.48	29.16 2.21 0.00	32.55 2.59 0.00	36.93 3.11 0.00	42.58 3.28 0.00	44.25 3.72 0.00	46.00 3.12 0.00	43.14 2.66 0.00	43.08 2.83 0.00	34.75 2.15 0.00	29.96 1.85 0.00
WOODARD___115KV_TB2 355635	21.18 -0.22 0.00	21.77 -0.21 0.00	20.23 -0.21 0.00	18.35 -0.20 0.00	19.40 -0.18 0.00	23.50 -0.20 0.00	24.93 -0.26 0.00	25.40 -0.22 0.00	23.91 -0.20 0.00	23.57 -0.17 0.00	25.35 -0.19 0.00	28.57 -0.07 0.00	26.79 -0.02 0.00	28.05 0.00 0.00	26.86 -0.09 0.00	29.94 -0.03 0.00	33.78 -0.05 0.00	39.33 0.03 0.00	40.62 0.10 0.00	42.85 -0.03 0.00	40.37 -0.11 0.00	40.08 -0.17 0.00	32.42 -0.18 0.00	27.90 -0.21 0.00
YORK___WARBASSE 23770	22.46 1.06 0.00	22.88 0.90 0.00	21.23 0.79 0.00	19.31 0.75 0.00	20.29 0.71 0.00	24.51 0.80 0.00	26.28 1.08 0.00	26.93 1.31 0.00	25.45 1.34 0.00	25.20 1.45 0.00	27.22 1.69 0.00	30.75 2.12 0.00	29.01 2.20 0.00	30.46 2.41 0.00	29.15 2.20 0.00	32.49 2.52 0.00	36.62 2.79 0.00	42.31 3.01 0.00	43.61 3.09 0.00	45.66 2.78 0.00	42.99 2.52 0.00	42.94 2.69 0.00	34.87 2.27 0.00	29.91 1.80 0.00