

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

10/11/2023

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	24.20	22.24	19.73	16.89	18.38	26.03	35.57	46.44	35.72	36.23	30.07	28.48	26.44	28.40	25.22	26.44	32.01	33.00	42.25	38.29	29.24	24.43	22.51	21.68
24138	1.43	1.34	1.10	0.97	1.10	1.56	2.28	3.09	2.53	2.57	2.19	2.03	1.95	2.13	1.97	2.13	2.56	2.55	3.26	3.04	2.22	1.87	1.53	1.22
	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	24.18	22.22	19.72	16.89	18.38	26.02	35.53	46.37	35.70	36.15	30.00	28.43	26.38	28.33	25.15	26.38	31.95	32.96	42.20	38.24	29.22	24.40	22.48	21.65
24260	1.41	1.33	1.09	0.96	1.10	1.54	2.24	3.03	2.50	2.48	2.12	1.97	1.89	2.07	1.90	2.07	2.51	2.51	3.21	2.99	2.20	1.85	1.50	1.20
	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	24.18	22.22	19.72	16.89	18.38	26.02	35.53	46.37	35.70	36.15	30.00	28.43	26.38	28.33	25.15	26.38	31.95	32.96	42.20	38.24	29.22	24.40	22.48	21.65
24261	1.41	1.33	1.09	0.96	1.10	1.54	2.24	3.03	2.50	2.48	2.12	1.97	1.89	2.07	1.90	2.07	2.51	2.51	3.21	2.99	2.20	1.85	1.50	1.20
	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	23.74	21.82	19.44	16.63	18.15	25.77	35.06	45.88	35.32	35.85	29.59	27.89	25.67	27.67	24.52	25.63	31.09	32.41	41.83	37.79	28.88	24.03	22.14	21.35
24011	0.97	0.93	0.80	0.71	0.87	1.29	1.77	2.52	2.12	2.19	1.71	1.43	1.18	1.40	1.27	1.32	1.65	1.96	2.84	2.54	1.86	1.48	1.17	0.90
	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	23.80	21.90	19.49	16.70	18.24	25.92	35.21	46.10	35.54	36.06	29.73	28.00	25.76	27.79	24.64	25.73	31.20	32.59	42.17	38.07	29.07	24.18	22.26	21.45
23798	1.03	1.01	0.86	0.77	0.96	1.45	1.93	2.75	2.34	2.40	1.84	1.54	1.27	1.53	1.39	1.42	1.75	2.14	3.18	2.82	2.05	1.63	1.29	1.00
	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	0.00
ADK S GLENS___FALLS	23.74	21.82	19.44	16.63	18.15	25.77	35.06	45.88	35.32	35.85</														

ALBANY___4 23574	22.94 0.17 0.00	21.09 0.20 0.00	18.79 0.16 0.00	16.08 0.15 0.00	17.51 0.22 0.00	24.72 0.24 0.00	33.67 0.39 0.00	43.97 0.62 0.00	33.76 0.56 0.00	34.18 0.52 0.00	28.22 0.34 0.00	26.68 0.21 0.00	24.68 0.19 0.00	26.53 0.27 0.00	23.54 0.29 0.00	24.66 0.34 0.00	29.89 0.44 0.00	30.99 0.54 0.00	39.83 0.84 0.00	35.96 0.70 0.00	27.51 0.49 0.00	22.97 0.42 0.00	21.21 0.23 0.00	20.51 0.06 0.00
ALBANY___LFGE 323615	23.16 0.39 0.00	21.29 0.40 0.00	18.97 0.33 0.00	16.23 0.30 0.00	17.66 0.39 0.00	24.96 0.48 0.00	34.01 0.73 0.00	44.43 1.07 0.00	34.10 0.90 0.00	34.54 0.88 0.00	28.52 0.63 0.00	26.94 0.48 0.00	24.93 0.43 0.00	26.80 0.54 0.00	23.79 0.54 0.00	24.91 0.60 0.00	30.21 0.76 0.00	31.33 0.88 0.00	40.28 1.28 0.00	36.36 1.11 0.00	27.80 0.78 0.00	23.22 0.67 0.00	21.42 0.45 0.00	20.71 0.26 0.00
ALCOA_PA_115KV_PL-6C 55860	22.76 -0.01 0.00	20.89 0.00 0.00	18.68 0.04 0.00	15.96 0.04 0.00	17.29 0.01 0.00	24.49 0.02 0.00	33.24 -0.04 0.00	43.29 -0.06 0.00	33.12 -0.07 0.00	33.70 0.04 0.00	27.85 -0.04 0.00	26.47 0.01 0.00	24.44 -0.05 0.00	26.22 -0.04 0.00	23.23 -0.02 0.00	24.24 -0.08 0.00	29.35 -0.10 0.00	30.31 -0.14 0.00	38.72 -0.28 0.00	34.96 -0.28 0.00	26.85 -0.17 0.00	22.39 -0.16 0.00	20.89 -0.09 0.00	20.31 -0.14 0.00
ALCOA_RYNLDS___DRP 24188	22.76 -0.01 0.00	20.89 0.00 0.00	18.68 0.04 0.00	15.96 0.04 0.00	17.29 0.01 0.00	24.49 0.02 0.00	33.24 -0.04 0.00	43.29 -0.06 0.00	33.12 -0.07 0.00	33.70 0.04 0.00	27.85 -0.04 0.00	26.47 0.01 0.00	24.44 -0.05 0.00	26.22 -0.04 0.00	23.23 -0.02 0.00	24.24 -0.08 0.00	29.35 -0.10 0.00	30.31 -0.14 0.00	38.72 -0.28 0.00	34.96 -0.28 0.00	26.85 -0.17 0.00	22.39 -0.16 0.00	20.89 -0.09 0.00	20.31 -0.14 0.00
ALCOA___DSASP 323711	22.76 -0.01 0.00	20.89 0.00 0.00	18.68 0.04 0.00	15.96 0.04 0.00	17.29 0.01 0.00	24.49 0.02 0.00	33.24 -0.04 0.00	43.29 -0.06 0.00	33.12 -0.07 0.00	33.70 0.04 0.00	27.85 -0.04 0.00	26.47 0.01 0.00	24.44 -0.05 0.00	26.22 -0.04 0.00	23.23 -0.02 0.00	24.24 -0.08 0.00	29.35 -0.10 0.00	30.31 -0.14 0.00	38.72 -0.28 0.00	34.96 -0.29 0.00	26.85 -0.17 0.00	22.39 -0.16 0.00	20.89 -0.09 0.00	20.31 -0.14 0.00
ALLEGHENY___COGEN 23514	23.33 0.56 0.00	21.27 0.38 0.00	18.85 0.22 0.00	16.07 0.14 0.00	17.47 0.19 0.00	25.06 0.58 0.00	34.20 0.92 0.00	44.82 1.48 0.00	34.33 1.13 0.00	34.94 1.28 0.00	28.93 1.04 0.00	27.31 0.85 0.00	25.16 0.67 0.00	26.86 0.60 0.00	23.76 0.50 0.00	25.03 0.72 0.00	30.32 0.87 0.00	31.69 1.24 0.00	40.91 1.92 0.00	37.16 1.91 0.00	28.36 1.34 0.00	23.65 1.10 0.00	21.96 0.99 0.00	21.45 0.99 0.00
ALTAMONT_115KV_TB 2 55880	23.30 0.52 0.00	21.42 0.52 0.00	19.08 0.45 0.00	16.33 0.40 0.00	17.77 0.49 0.00	25.11 0.63 0.00	34.19 0.91 0.00	44.63 1.28 0.00	34.22 1.03 0.00	34.66 1.00 0.00	28.65 0.77 0.00	27.09 0.63 0.00	25.07 0.58 0.00	26.93 0.67 0.00	23.89 0.64 0.00	25.02 0.71 0.00	30.33 0.88 0.00	31.44 0.99 0.00	40.38 1.38 0.00	36.48 1.23 0.00	27.92 0.90 0.00	23.31 0.76 0.00	21.55 0.58 0.00	20.87 0.42 0.00
ALTONA_WT_PWR 323606	23.13 0.36 0.00	21.22 0.33 0.00	19.01 0.37 0.00	16.24 0.32 0.00	17.70 0.42 0.00	25.10 0.62 0.00	34.00 0.72 0.00	44.67 1.32 0.00	34.39 1.19 0.00	35.19 1.53 0.00	28.92 1.04 0.00	27.43 0.98 0.00	25.21 0.72 0.00	27.26 1.00 0.00	24.16 0.91 0.00	25.05 0.74 0.00	30.52 1.07 0.00	31.64 1.18 0.00	40.40 1.40 0.00	36.17 0.92 0.00	27.57 0.54 0.00	22.77 0.21 0.00	21.00 0.03 0.00	20.34 -0.11 0.00
AMERICAN_REF_FUEL 24010	21.74 -1.03 0.00	19.78 -1.12 0.00	17.62 -1.01 0.00	15.14 -0.79 0.00	16.39 -0.88 0.00	23.54 -0.94 0.00	31.61 -1.68 0.00	41.04 -2.31 0.00	31.50 -1.70 0.00	32.29 -1.37 0.00	26.85 -1.04 0.00	25.45 -1.01 0.00	23.50 -0.99 0.00	25.15 -1.12 0.00	22.29 -0.96 0.00	23.25 -1.06 0.00	27.98 -1.48 0.00	29.13 -1.33 0.00	37.29 -1.71 0.00	33.85 -1.40 0.00	25.89 -1.14 0.00	21.80 -0.76 0.00	20.53 -0.45 0.00	20.16 -0.29 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.21 -0.56 0.00	20.17 -0.73 0.00	18.08 -0.56 0.00	15.54 -0.38 0.00	16.94 -0.34 0.00	24.50 0.02 0.00	33.29 0.00 0.00	43.52 0.17 0.00	33.27 0.07 0.00	34.05 0.39 0.00	28.33 0.44 0.00	26.70 0.24 0.00	24.64 0.15 0.00	26.52 0.26 0.00	23.46 0.21 0.00	24.60 0.29 0.00	29.82 0.37 0.00	31.01 0.56 0.00	39.83 0.84 0.00	36.14 0.88 0.00	27.61 0.59 0.00	23.06 0.50 0.00	21.59 0.61 0.00	21.09 0.64 0.00
ARTHUR_KILL_GT_1 23520	24.04 1.26 0.00	21.88 1.23 0.25	19.43 1.07 0.26	16.80 0.89 0.01	18.12 1.04 0.20	22.18 1.48 3.78	31.15 2.15 4.28	45.28 2.84 0.91	28.70 2.43 6.92	26.12 2.47 10.01	26.70 2.02 3.21	27.16 1.82 1.12	26.19 1.70 0.00	27.51 1.91 0.66	25.02 1.77 0.00	26.24 1.93 0.00	29.99 2.37 1.82	28.01 2.51 4.95	28.53 3.35 13.80	28.49 3.17 9.93	23.32 2.33 6.03	21.02 1.89 3.42	21.66 1.46 0.78	21.59 1.14 0.00
ARTHUR_KILL_2 23512	23.98 1.21 0.00	21.83 1.18 0.25	19.38 1.02 0.26	16.76 0.85 0.01	18.07 1.00 0.20	22.10 1.41 3.78	31.05 2.05 4.28	45.15 2.70 0.91	28.61 2.33 6.92	26.02 2.38 10.01	26.62 1.94 3.21	27.09 1.75 1.12	26.13 1.63 0.00	27.43 1.83 0.66	24.95 1.70 0.00	26.17 1.86 0.00	29.91 2.28 1.82	27.91 2.41 4.95	28.39 3.20 13.80	28.37 3.05 9.93	23.23 2.25 6.03	20.95 1.81 3.42	21.60 1.40 0.78	21.53 1.08 0.00
ARTHUR_KILL_3 23513	23.99 1.22 0.00	21.81 1.16 0.25	19.30 0.93 0.26	16.74 0.83 0.01	18.03 0.95 0.20	22.01 1.31 3.77	30.94 1.93 4.28	45.06 2.61 0.90	28.39 2.12 6.93	27.14 2.12 8.63	27.56 1.81 2.13	27.02 1.68 1.12	26.13 1.63 0.00	27.62 1.77 0.41	24.91 1.66 0.00	26.12 1.81 0.00	30.47 2.16 1.14	29.49 2.13 3.10	33.08 2.71 8.62	31.60 2.55 6.20	24.82 1.85 4.05	22.00 1.58 2.14	21.78 1.29 0.48	21.47 1.02 0.00
ARTHUR_KILL_COGEN 323718	24.04 1.26 0.00	21.88 1.23 0.25	19.43 1.07 0.26	16.80 0.89 0.01	18.12 1.04 0.20	22.18 1.48 3.78	31.15 2.15 4.28	45.28 2.84 0.91	28.70 2.43 6.92	26.12 2.47 10.01	26.70 2.02 3.21	27.16 1.82 1.12	26.19 1.70 0.00	27.51 1.91 0.66	25.02 1.77 0.00	26.24 1.93 0.00	29.99 2.37 1.82	28.01 2.51 4.95	28.53 3.35 13.80	28.49 3.17 9.93	23.32 2.33 6.03	21.02 1.89 3.42	21.66 1.46 0.78	21.59 1.14 0.00
ASHOKAN____ 23654	23.90 1.13 0.00	21.96 1.06 0.00	19.57 0.93 0.00	16.75 0.82 0.00	18.25 0.97 0.00	25.85 1.38 0.00	35.35 2.07 0.00	46.49 3.14 0.00	36.34 3.14 0.00	36.71 3.05 0.00	30.15 2.26 0.00	28.24 1.78 0.00	25.92 1.43 0.00	27.80 1.53 0.00	24.63 1.38 0.00	25.53 1.22 0.00	31.04 1.59 0.00	32.32 1.86 0.00	41.63 2.64 0.00	37.63 2.38 0.00	28.78 1.76 0.00	23.99 1.43 0.00	22.11 1.13 0.00	21.31 0.86 0.00

Astoria_East_Energy_CC1 323581	23.98 1.21 0.00	22.10 1.21 0.00	19.64 1.01 0.00	16.80 0.87 0.00	18.27 0.99 0.00	25.71 1.24 0.00	35.20 1.92 0.00	45.98 2.63 0.00	35.39 2.19 0.00	35.79 2.13 0.00	29.75 1.86 0.00	28.15 1.69 0.00	26.12 1.63 0.00	28.05 1.78 0.00	24.92 1.67 0.00	26.14 1.83 0.00	31.64 2.19 0.00	32.64 2.20 0.01	41.85 2.87 0.01	37.94 2.70 0.01	28.99 1.97 0.01	24.20 1.64 0.00	22.28 1.31 0.00	21.45 1.00 0.00
Astoria_East_Energy_CC2 323582	23.98 1.21 0.00	22.10 1.21 0.00	19.64 1.01 0.00	16.80 0.87 0.00	18.27 0.99 0.00	25.71 1.24 0.00	35.20 1.92 0.00	45.98 2.63 0.00	35.39 2.19 0.00	35.79 2.13 0.00	29.75 1.86 0.00	28.15 1.69 0.00	26.12 1.63 0.00	28.05 1.78 0.00	24.92 1.67 0.00	26.14 1.83 0.00	31.64 2.19 0.00	32.64 2.20 0.01	41.85 2.87 0.01	37.94 2.70 0.01	28.99 1.97 0.01	24.20 1.64 0.00	22.28 1.31 0.00	21.45 1.00 0.00
Astoria_GT2_1 24094	23.99 1.22 0.00	22.10 1.21 0.00	19.65 1.01 0.00	16.80 0.88 0.00	18.28 1.00 0.00	25.72 1.25 0.00	35.21 1.93 0.00	46.02 2.67 0.00	35.40 2.21 0.01	35.79 2.13 0.00	29.75 1.87 0.00	28.16 1.70 0.00	26.14 1.65 0.00	28.06 1.80 0.00	24.93 1.68 0.00	26.15 1.84 0.00	31.65 2.21 0.00	32.65 2.21 0.01	41.87 2.89 0.01	37.95 2.71 0.01	28.99 1.98 0.01	24.20 1.65 0.00	22.29 1.32 0.00	21.46 1.01 0.00
Astoria_GT2_2 24095	23.99 1.22 0.00	22.10 1.21 0.00	19.65 1.01 0.00	16.80 0.88 0.00	18.28 1.00 0.00	25.72 1.25 0.00	35.21 1.93 0.00	46.02 2.67 0.00	35.40 2.21 0.01	35.79 2.13 0.00	29.75 1.87 0.00	28.16 1.70 0.00	26.14 1.65 0.00	28.06 1.80 0.00	24.93 1.68 0.00	26.15 1.84 0.00	31.65 2.21 0.00	32.65 2.21 0.01	41.87 2.89 0.01	37.95 2.71 0.01	28.99 1.98 0.01	24.20 1.65 0.00	22.29 1.32 0.00	21.46 1.01 0.00
Astoria_GT2_3 24096	23.99 1.22 0.00	22.10 1.21 0.00	19.65 1.01 0.00	16.80 0.88 0.00	18.28 1.00 0.00	25.72 1.25 0.00	35.21 1.93 0.00	46.02 2.67 0.00	35.40 2.21 0.01	35.79 2.13 0.00	29.75 1.87 0.00	28.16 1.70 0.00	26.14 1.65 0.00	28.06 1.80 0.00	24.93 1.68 0.00	26.15 1.84 0.00	31.65 2.21 0.00	32.65 2.21 0.01	41.87 2.89 0.01	37.95 2.71 0.01	28.99 1.98 0.01	24.20 1.65 0.00	22.29 1.32 0.00	21.46 1.01 0.00
Astoria_GT2_4 24097	23.99 1.22 0.00	22.10 1.21 0.00	19.65 1.01 0.00	16.80 0.88 0.00	18.28 1.00 0.00	25.72 1.25 0.00	35.21 1.93 0.00	46.02 2.67 0.00	35.40 2.21 0.01	35.79 2.13 0.00	29.75 1.87 0.00	28.16 1.70 0.00	26.14 1.65 0.00	28.06 1.80 0.00	24.93 1.68 0.00	26.15 1.84 0.00	31.65 2.21 0.00	32.65 2.21 0.01	41.87 2.89 0.01	37.95 2.71 0.01	28.99 1.98 0.01	24.20 1.65 0.00	22.29 1.32 0.00	21.46 1.01 0.00
Astoria_GT3_1 24098	23.99 1.22 0.00	22.10 1.21 0.00	19.65 1.01 0.00	16.80 0.88 0.00	18.28 1.00 0.00	25.72 1.25 0.00	35.21 1.93 0.00	46.02 2.67 0.00	35.40 2.21 0.01	35.79 2.13 0.00	29.75 1.87 0.00	28.16 1.70 0.00	26.14 1.65 0.00	28.06 1.80 0.00	24.93 1.68 0.00	26.15 1.84 0.00	31.65 2.21 0.00	32.65 2.21 0.01	41.87 2.89 0.01	37.95 2.71 0.01	28.99 1.98 0.01	24.20 1.65 0.00	22.29 1.32 0.00	21.46 1.01 0.00
Astoria_GT3_2 24099	23.99 1.22 0.00	22.10 1.21 0.00	19.65 1.01 0.00	16.80 0.88 0.00	18.28 1.00 0.00	25.72 1.25 0.00	35.21 1.93 0.00	46.02 2.67 0.00	35.40 2.21 0.01	35.79 2.13 0.00	29.75 1.87 0.00	28.16 1.70 0.00	26.14 1.65 0.00	28.06 1.80 0.00	24.93 1.68 0.00	26.15 1.84 0.00	31.65 2.21 0.00	32.65 2.21 0.01	41.87 2.89 0.01	37.95 2.71 0.01	28.99 1.98 0.01	24.20 1.65 0.00	22.29 1.32 0.00	21.46 1.01 0.00
Astoria_GT3_3 24100	23.99 1.22 0.00	22.10 1.21 0.00	19.65 1.01 0.00	16.80 0.88 0.00	18.28 1.00 0.00	25.72 1.25 0.00	35.21 1.93 0.00	46.02 2.67 0.00	35.40 2.21 0.01	35.79 2.13 0.00	29.75 1.87 0.00	28.16 1.70 0.00	26.14 1.65 0.00	28.06 1.80 0.00	24.93 1.68 0.00	26.15 1.84 0.00	31.65 2.21 0.00	32.65 2.21 0.01	41.87 2.89 0.01	37.95 2.71 0.01	28.99 1.98 0.01	24.20 1.65 0.00	22.29 1.32 0.00	21.46 1.01 0.00
Astoria_GT3_4 24101	23.99 1.22 0.00	22.10 1.21 0.00	19.65 1.01 0.00	16.80 0.88 0.00	18.28 1.00 0.00	25.72 1.25 0.00	35.21 1.93 0.00	46.02 2.67 0.00	35.40 2.21 0.01	35.79 2.13 0.00	29.75 1.87 0.00	28.16 1.70 0.00	26.14 1.65 0.00	28.06 1.80 0.00	24.93 1.68 0.00	26.15 1.84 0.00	31.65 2.21 0.00	32.65 2.21 0.01	41.87 2.89 0.01	37.95 2.71 0.01	28.99 1.98 0.01	24.20 1.65 0.00	22.29 1.32 0.00	21.46 1.01 0.00
Astoria_GT4_1 24102	23.99 1.22 0.00	22.10 1.21 0.00	19.65 1.01 0.00	16.80 0.88 0.00	18.28 1.00 0.00	25.72 1.25 0.00	35.21 1.93 0.00	46.02 2.67 0.00	35.40 2.21 0.01	35.79 2.13 0.00	29.75 1.87 0.00	28.16 1.70 0.00	26.14 1.65 0.00	28.06 1.80 0.00	24.93 1.68 0.00	26.15 1.84 0.00	31.65 2.21 0.00	32.65 2.21 0.01	41.87 2.89 0.01	37.95 2.71 0.01	28.99 1.98 0.01	24.20 1.65 0.00	22.29 1.32 0.00	21.46 1.01 0.00
Astoria_GT4_2 24103	23.99 1.22 0.00	22.10 1.21 0.00	19.65 1.01 0.00	16.80 0.88 0.00	18.28 1.00 0.00	25.72 1.25 0.00	35.21 1.93 0.00	46.02 2.67 0.00	35.40 2.21 0.01	35.79 2.13 0.00	29.75 1.87 0.00	28.16 1.70 0.00	26.14 1.65 0.00	28.06 1.80 0.00	24.93 1.68 0.00	26.15 1.84 0.00	31.65 2.21 0.00	32.65 2.21 0.01	41.87 2.89 0.01	37.95 2.71 0.01	28.99 1.98 0.01	24.20 1.65 0.00	22.29 1.32 0.00	21.46 1.01 0.00
Astoria_GT4_3 24104	23.99 1.22 0.00	22.10 1.21 0.00	19.65 1.01 0.00	16.80 0.88 0.00	18.28 1.00 0.00	25.72 1.25 0.00	35.21 1.93 0.00	46.02 2.67 0.00	35.40 2.21 0.01	35.79 2.13 0.00	29.75 1.87 0.00	28.16 1.70 0.00	26.14 1.65 0.00	28.06 1.80 0.00	24.93 1.68 0.00	26.15 1.84 0.00	31.65 2.21 0.00	32.65 2.21 0.01	41.87 2.89 0.01	37.95 2.71 0.01	28.99 1.98 0.01	24.20 1.65 0.00	22.29 1.32 0.00	21.46 1.01 0.00
Astoria_GT4_4 24105	23.99 1.22 0.00	22.10 1.21 0.00	19.65 1.01 0.00	16.80 0.88 0.00	18.28 1.00 0.00	25.72 1.25 0.00	35.21 1.93 0.00	46.02 2.67 0.00	35.40 2.21 0.01	35.79 2.13 0.00	29.75 1.87 0.00	28.16 1.70 0.00	26.14 1.65 0.00	28.06 1.80 0.00	24.93 1.68 0.00	26.15 1.84 0.00	31.65 2.21 0.00	32.65 2.21 0.01	41.87 2.89 0.01	37.95 2.71 0.01	28.99 1.98 0.01	24.20 1.65 0.00	22.29 1.32 0.00	21.46 1.01 0.00
Astoria_GT_1 23523	24.04 1.27 0.00	22.14 1.25 0.00	19.68 1.04 0.00	16.83 0.90 0.00	18.31 1.03 0.00	25.77 1.29 0.00	35.27 1.99 0.00	46.10 2.75 0.00	35.47 2.28 0.00	35.89 2.23 0.00	29.82 1.93 0.00	28.22 1.76 0.00	26.19 1.70 0.00	28.12 1.85 0.00	24.99 1.74 0.00	26.20 1.89 0.00	31.72 2.27 0.00	32.73 2.29 0.01	41.97 2.98 0.01	38.04 2.80 0.01	29.06 2.05 0.01	24.26 1.70 0.00	22.33 1.36 0.00	21.50 1.05 0.00

ASTORIA_GT_10 24110	24.10 1.33 0.00	22.16 1.26 0.00	19.66 1.03 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.87 1.40 0.00	35.35 2.07 0.00	46.19 2.84 0.00	35.57 2.37 0.00	36.00 2.34 0.00	29.88 1.99 0.00	28.29 1.83 0.00	26.25 1.76 0.00	28.18 1.91 0.00	25.03 1.78 0.00	26.25 1.94 0.00	31.81 2.36 0.00	32.81 2.36 0.00	42.03 3.04 0.00	38.09 2.84 0.00	29.55 2.09 -0.45	24.30 1.75 0.00	22.38 1.41 0.00	21.57 1.11 0.00
ASTORIA_GT_11 24225	24.10 1.33 0.00	22.16 1.26 0.00	19.66 1.03 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.87 1.40 0.00	35.35 2.07 0.00	46.19 2.84 0.00	35.57 2.37 0.00	36.00 2.34 0.00	29.88 1.99 0.00	28.29 1.83 0.00	26.25 1.76 0.00	28.18 1.91 0.00	25.03 1.78 0.00	26.25 1.94 0.00	31.81 2.36 0.00	32.81 2.36 0.00	42.03 3.04 0.00	38.09 2.84 0.00	29.55 2.09 -0.45	24.30 1.75 0.00	22.38 1.41 0.00	21.57 1.11 0.00
ASTORIA_GT_12 24226	24.10 1.33 0.00	22.16 1.26 0.00	19.66 1.03 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.87 1.40 0.00	35.35 2.07 0.00	46.19 2.84 0.00	35.57 2.37 0.00	36.00 2.34 0.00	29.88 1.99 0.00	28.29 1.83 0.00	26.25 1.76 0.00	28.18 1.91 0.00	25.03 1.78 0.00	26.25 1.94 0.00	31.81 2.36 0.00	32.81 2.36 0.00	42.03 3.04 0.00	38.09 2.84 0.00	29.55 2.09 -0.45	24.30 1.75 0.00	22.38 1.41 0.00	21.57 1.11 0.00
ASTORIA_GT_13 24227	24.10 1.33 0.00	22.16 1.26 0.00	19.66 1.03 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.87 1.40 0.00	35.35 2.07 0.00	46.19 2.84 0.00	35.57 2.37 0.00	36.00 2.34 0.00	29.88 1.99 0.00	28.29 1.83 0.00	26.25 1.76 0.00	28.18 1.91 0.00	25.03 1.78 0.00	26.25 1.94 0.00	31.81 2.36 0.00	32.81 2.36 0.00	42.03 3.04 0.00	38.09 2.84 0.00	29.55 2.09 -0.45	24.30 1.75 0.00	22.38 1.41 0.00	21.57 1.11 0.00
ASTORIA_GT_5 24106	24.04 1.27 0.00	22.14 1.25 0.00	19.68 1.04 0.00	16.83 0.90 0.00	18.31 1.03 0.00	25.77 1.29 0.00	35.27 1.99 0.00	46.10 2.75 0.00	35.47 2.28 0.00	35.89 2.23 0.00	29.82 1.93 0.00	28.22 1.76 0.00	26.19 1.70 0.00	28.12 1.85 0.00	24.99 1.74 0.00	26.20 1.89 0.00	31.72 2.27 0.00	32.73 2.29 0.01	41.97 2.98 0.01	38.04 2.80 0.01	29.06 2.05 0.01	24.26 1.70 0.00	22.33 1.36 0.00	21.50 1.05 0.00
ASTORIA_GT_7 24107	24.04 1.27 0.00	22.14 1.25 0.00	19.68 1.04 0.00	16.83 0.90 0.00	18.31 1.03 0.00	25.77 1.29 0.00	35.27 1.99 0.00	46.10 2.75 0.00	35.47 2.28 0.00	35.89 2.23 0.00	29.82 1.93 0.00	28.22 1.76 0.00	26.19 1.70 0.00	28.12 1.85 0.00	24.99 1.74 0.00	26.20 1.89 0.00	31.72 2.27 0.00	32.73 2.29 0.01	41.97 2.98 0.01	38.04 2.80 0.01	29.06 2.05 0.01	24.26 1.70 0.00	22.33 1.36 0.00	21.50 1.05 0.00
ASTORIA_GT_8 24108	24.04 1.27 0.00	22.14 1.25 0.00	19.68 1.04 0.00	16.83 0.90 0.00	18.30 1.03 0.00	25.77 1.30 0.00	35.27 1.99 0.00	46.12 2.77 0.00	35.47 2.28 0.01	35.86 2.20 0.00	29.81 1.92 0.00	28.22 1.76 0.00	26.19 1.70 0.00	28.11 1.85 0.00	24.99 1.74 0.00	26.21 1.89 0.00	31.72 2.27 0.00	32.73 2.29 0.01	41.96 2.98 0.01	38.03 2.79 0.01	29.06 2.05 0.01	24.25 1.69 0.00	22.33 1.36 0.00	21.50 1.05 0.00
ASTORIA___2 24149	23.99 1.22 0.00	22.11 1.21 0.00	19.65 1.01 0.00	16.80 0.88 0.00	18.28 1.00 0.00	25.72 1.25 0.00	35.21 1.93 0.00	46.00 2.65 0.00	35.40 2.21 0.00	35.81 2.15 0.00	29.75 1.86 0.00	28.16 1.70 0.00	26.14 1.65 0.00	28.06 1.80 0.00	24.93 1.68 0.00	26.15 1.84 0.00	31.66 2.21 0.00	32.66 2.21 0.01	41.88 2.90 0.01	37.96 2.72 0.01	29.00 1.99 0.01	24.21 1.65 0.00	22.30 1.32 0.00	21.46 1.01 0.00
ASTORIA___3 23516	24.10 1.33 0.00	22.16 1.26 0.00	19.66 1.02 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.87 1.39 0.00	35.35 2.07 0.00	46.17 2.82 0.00	35.58 2.37 -0.01	36.01 2.35 0.00	29.88 1.99 0.00	28.29 1.83 0.00	26.25 1.76 0.00	28.18 1.91 0.00	25.03 1.78 0.00	26.26 1.94 0.00	31.80 2.36 0.00	32.81 2.36 0.00	42.04 3.04 0.00	38.10 2.85 0.00	29.57 2.10 -0.45	24.31 1.76 0.00	22.38 1.41 0.00	21.57 1.11 0.00
ASTORIA___4 23517	24.10 1.33 0.00	22.16 1.26 0.00	19.66 1.03 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.87 1.40 0.00	35.35 2.07 0.00	46.19 2.84 0.00	35.57 2.37 0.00	36.00 2.34 0.00	29.88 1.99 0.00	28.29 1.83 0.00	26.25 1.76 0.00	28.18 1.91 0.00	25.03 1.78 0.00	26.25 1.94 0.00	31.81 2.36 0.00	32.81 2.36 0.00	42.03 3.04 0.00	38.09 2.84 0.00	29.55 2.09 -0.45	24.30 1.75 0.00	22.38 1.41 0.00	21.57 1.11 0.00
ASTORIA___5 23518	24.10 1.33 0.00	22.16 1.26 0.00	19.66 1.02 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.87 1.39 0.00	35.35 2.07 0.00	46.17 2.82 0.00	35.58 2.37 -0.01	36.01 2.35 0.00	29.88 1.99 0.00	28.29 1.83 0.00	26.25 1.76 0.00	28.18 1.91 0.00	25.03 1.78 0.00	26.26 1.94 0.00	31.80 2.36 0.00	32.81 2.36 0.00	42.04 3.04 0.00	38.10 2.85 0.00	29.57 2.10 -0.45	24.31 1.76 0.00	22.38 1.41 0.00	21.57 1.11 0.00
AST_ENERGY_2_CC3 323677	24.02 1.24 0.00	22.08 1.19 0.00	19.60 0.97 0.00	16.78 0.85 0.00	18.27 0.99 0.00	25.84 1.36 0.00	35.26 1.98 0.00	46.02 2.67 0.00	35.39 2.19 0.00	35.85 2.19 0.00	29.75 1.87 0.00	28.18 1.73 0.00	26.16 1.67 0.00	24.00 1.81 4.07	24.92 1.67 0.00	26.13 1.82 0.00	31.64 2.19 0.00	32.63 2.18 0.00	41.77 2.78 0.00	37.87 2.62 0.00	28.94 1.92 0.00	24.17 1.62 0.00	22.29 1.32 0.00	21.47 1.02 0.00
AST_ENERGY_2_CC4 323678	24.02 1.24 0.00	22.08 1.19 0.00	19.60 0.97 0.00	16.78 0.85 0.00	18.27 0.99 0.00	25.84 1.36 0.00	35.26 1.98 0.00	46.02 2.67 0.00	35.39 2.19 0.00	35.85 2.19 0.00	29.75 1.87 0.00	28.18 1.73 0.00	26.16 1.67 0.00	24.00 1.81 4.07	24.92 1.67 0.00	26.13 1.82 0.00	31.64 2.19 0.00	32.63 2.18 0.00	41.77 2.78 0.00	37.87 2.62 0.00	28.94 1.92 0.00	24.17 1.62 0.00	22.29 1.32 0.00	21.47 1.02 0.00
ATHENS_STG_1 23668	23.50 0.73 0.00	21.60 0.71 0.00	19.25 0.61 0.00	16.47 0.55 0.00	17.92 0.65 0.00	25.33 0.85 0.00	34.48 1.19 0.00	44.99 1.64 0.00	34.51 1.31 0.00	34.95 1.29 0.00	28.93 1.05 0.00	27.37 0.91 0.00	25.36 0.87 0.00	27.24 0.98 0.00	24.16 0.91 0.00	25.32 1.00 0.00	30.68 1.23 0.00	31.76 1.30 0.00	40.72 1.73 0.00	36.83 1.58 0.00	28.19 1.17 0.00	23.55 1.00 0.00	21.75 0.77 0.00	21.05 0.59 0.00
ATHENS_STG_2 23670	23.50 0.73 0.00	21.60 0.71 0.00	19.25 0.61 0.00	16.47 0.55 0.00	17.92 0.65 0.00	25.33 0.85 0.00	34.48 1.19 0.00	44.99 1.64 0.00	34.51 1.31 0.00	34.95 1.29 0.00	28.93 1.05 0.00	27.37 0.91 0.00	25.36 0.87 0.00	27.24 0.98 0.00	24.16 0.91 0.00	25.32 1.00 0.00	30.68 1.23 0.00	31.76 1.30 0.00	40.72 1.73 0.00	36.83 1.58 0.00	28.19 1.17 0.00	23.55 1.00 0.00	21.75 0.77 0.00	21.05 0.59 0.00

ATHENS_STG_3 23677	23.50 0.73 0.00	21.60 0.71 0.00	19.25 0.61 0.00	16.47 0.55 0.00	17.92 0.65 0.00	25.33 0.85 0.00	34.48 1.19 0.00	44.99 1.64 0.00	34.51 1.31 0.00	34.95 1.29 0.00	28.93 1.05 0.00	27.37 0.91 0.00	25.36 0.87 0.00	27.24 0.98 0.00	24.16 0.91 0.00	25.32 1.00 0.00	30.68 1.23 0.00	31.76 1.30 0.00	40.72 1.73 0.00	36.83 1.58 0.00	28.19 1.17 0.00	23.55 1.00 0.00	21.75 0.77 0.00	21.05 0.59 0.00
AUBURN____LFGE 323710	22.85 0.08 0.00	20.90 0.01 0.00	18.65 0.01 0.00	15.94 0.01 0.00	17.32 0.04 0.00	24.62 0.14 0.00	33.65 0.37 0.00	44.93 1.58 0.00	34.27 1.07 0.00	34.86 1.20 0.00	28.91 1.03 0.00	27.41 0.95 0.00	25.20 0.71 0.00	26.95 0.68 0.00	23.87 0.62 0.00	25.08 0.76 0.00	30.49 1.04 0.00	31.75 1.30 0.00	40.75 1.75 0.00	36.95 1.70 0.00	28.18 1.16 0.00	23.37 0.82 0.00	21.64 0.67 0.00	21.26 0.81 0.00
BABYLON_RES_REC 323704	24.25 1.48 0.00	22.23 1.33 0.00	19.76 1.12 0.00	16.92 0.99 0.00	18.41 1.13 0.00	26.06 1.58 0.00	35.35 2.06 0.00	45.97 2.62 0.00	35.57 2.37 0.00	35.91 2.25 0.00	29.97 2.09 0.00	28.49 2.04 0.00	26.49 2.00 0.00	28.36 2.09 0.00	25.28 2.03 0.00	26.62 2.31 0.00	32.26 2.81 0.00	33.16 2.71 0.00	42.21 3.21 0.00	38.37 3.12 0.00	29.34 2.32 0.00	24.60 2.04 0.00	22.60 1.62 0.00	21.69 1.24 0.00
BABYLON__69_KV_BK2 356345	24.47 1.70 0.00	22.40 1.51 0.00	19.92 1.28 0.00	17.05 1.13 0.00	18.55 1.28 0.00	26.28 1.81 0.00	35.69 2.41 0.00	46.41 3.06 0.00	35.90 2.70 0.00	36.23 2.57 0.00	30.22 2.34 0.00	28.75 2.29 0.00	26.73 2.24 0.00	28.61 2.34 0.00	25.51 2.26 0.00	26.88 2.57 0.00	32.60 3.15 0.00	33.55 3.10 0.00	42.61 3.61 0.00	38.80 3.55 0.00	29.68 2.66 0.00	24.86 2.31 0.00	22.86 1.89 0.00	21.91 1.46 0.00
BALL_HILL_WT_PWR 323825	22.43 -0.34 0.00	20.41 -0.49 0.00	18.16 -0.47 0.00	15.58 -0.35 0.00	16.91 -0.36 0.00	24.30 -0.38 0.00	32.89 -0.52 0.00	42.96 -0.41 0.00	32.88 -0.32 0.00	33.67 0.01 0.00	28.00 0.11 0.00	26.47 0.01 0.00	24.46 -0.04 0.00	26.21 -0.20 0.00	23.20 -0.05 0.00	24.28 -0.04 0.00	29.32 -0.13 0.00	30.47 0.02 0.00	39.10 0.11 0.00	35.47 0.22 0.00	27.10 0.07 0.00	22.68 0.12 0.00	21.26 0.28 0.00	20.81 0.36 0.00
BARON_WINDS____WT_PWR 323822	22.53 -0.24 0.00	20.57 -0.33 0.00	18.18 -0.46 0.00	15.42 -0.50 0.00	16.78 -0.50 0.00	24.10 -0.38 0.00	32.76 -0.52 0.00	42.94 -0.41 0.00	32.86 -0.34 0.00	33.66 0.00 0.00	28.00 0.11 0.00	26.45 -0.01 0.00	24.39 -0.10 0.00	26.06 -0.20 0.00	23.05 -0.20 0.00	24.27 -0.04 0.00	29.52 0.07 0.00	30.72 0.26 0.00	39.43 0.44 0.00	35.73 0.48 0.00	27.32 0.30 0.00	22.82 0.26 0.00	21.29 0.31 0.00	20.81 0.35 0.00
BARRETT_IC_1 23704	24.10 1.32 0.00	22.10 1.21 0.00	19.64 1.01 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.91 1.43 0.00	35.00 1.71 0.00	45.47 2.12 0.00	35.09 1.89 0.00	35.50 1.84 0.00	29.68 1.80 0.00	28.24 1.75 -0.04	26.28 1.74 -0.04	28.12 1.84 -0.02	25.04 1.78 -0.01	26.32 1.99 -0.03	31.75 2.30 0.00	32.52 2.07 0.00	41.49 2.49 0.00	37.68 2.42 0.00	28.84 1.82 0.00	24.24 1.68 -0.01	81.28 1.42 -58.88	21.57 1.11 0.00
BARRETT_IC_10 23701	24.10 1.32 0.00	22.10 1.21 0.00	19.64 1.01 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.91 1.43 0.00	35.00 1.71 0.00	45.47 2.12 0.00	35.09 1.89 0.00	35.50 1.84 0.00	29.68 1.80 0.00	28.24 1.75 -0.04	26.28 1.74 -0.04	28.12 1.84 -0.02	25.04 1.78 -0.01	26.32 1.99 -0.03	31.75 2.30 0.00	32.52 2.07 0.00	41.49 2.49 0.00	37.68 2.42 0.00	28.84 1.82 0.00	24.24 1.68 -0.01	81.28 1.42 -58.88	21.57 1.11 0.00
BARRETT_IC_11 23702	24.10 1.32 0.00	22.10 1.21 0.00	19.64 1.01 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.91 1.43 0.00	35.00 1.71 0.00	45.47 2.12 0.00	35.09 1.89 0.00	35.50 1.84 0.00	29.68 1.80 0.00	28.24 1.75 -0.04	26.28 1.74 -0.04	28.12 1.84 -0.02	25.04 1.78 -0.01	26.32 1.99 -0.03	31.75 2.30 0.00	32.52 2.07 0.00	41.49 2.49 0.00	37.68 2.42 0.00	28.84 1.82 0.00	24.24 1.68 -0.01	81.28 1.42 -58.88	21.57 1.11 0.00
BARRETT_IC_12 23703	24.10 1.32 0.00	22.10 1.21 0.00	19.64 1.01 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.91 1.43 0.00	35.00 1.71 0.00	45.47 2.12 0.00	35.09 1.89 0.00	35.50 1.84 0.00	29.68 1.80 0.00	28.24 1.75 -0.04	26.28 1.74 -0.04	28.12 1.84 -0.02	25.04 1.78 -0.01	26.32 1.99 -0.03	31.75 2.30 0.00	32.52 2.07 0.00	41.49 2.49 0.00	37.68 2.42 0.00	28.84 1.82 0.00	24.24 1.68 -0.01	81.28 1.42 -58.88	21.57 1.11 0.00
BARRETT_IC_2 23705	24.10 1.32 0.00	22.10 1.21 0.00	19.64 1.01 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.91 1.43 0.00	35.00 1.71 0.00	45.47 2.12 0.00	35.09 1.89 0.00	35.50 1.84 0.00	29.68 1.80 0.00	28.24 1.75 -0.04	26.28 1.74 -0.04	28.12 1.84 -0.02	25.04 1.78 -0.01	26.32 1.99 -0.03	31.75 2.30 0.00	32.52 2.07 0.00	41.49 2.49 0.00	37.68 2.42 0.00	28.84 1.82 0.00	24.24 1.68 -0.01	81.28 1.42 -58.88	21.57 1.11 0.00
BARRETT_IC_3 23706	24.10 1.32 0.00	22.10 1.21 0.00	19.64 1.01 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.91 1.43 0.00	35.00 1.71 0.00	45.47 2.12 0.00	35.09 1.89 0.00	35.50 1.84 0.00	29.68 1.80 0.00	28.24 1.75 -0.04	26.28 1.74 -0.04	28.12 1.84 -0.02	25.04 1.78 -0.01	26.32 1.99 -0.03	31.75 2.30 0.00	32.52 2.07 0.00	41.49 2.49 0.00	37.68 2.42 0.00	28.84 1.82 0.00	24.24 1.68 -0.01	81.28 1.42 -58.88	21.57 1.11 0.00
BARRETT_IC_4 23707	24.10 1.32 0.00	22.10 1.21 0.00	19.64 1.01 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.91 1.43 0.00	35.00 1.71 0.00	45.47 2.12 0.00	35.09 1.89 0.00	35.50 1.84 0.00	29.68 1.80 0.00	28.24 1.75 -0.04	26.28 1.74 -0.04	28.12 1.84 -0.02	25.04 1.78 -0.01	26.32 1.99 -0.03	31.75 2.30 0.00	32.52 2.07 0.00	41.49 2.49 0.00	37.68 2.42 0.00	28.84 1.82 0.00	24.24 1.68 -0.01	81.28 1.42 -58.88	21.57 1.11 0.00
BARRETT_IC_5 23708	24.10 1.32 0.00	22.10 1.21 0.00	19.64 1.01 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.91 1.43 0.00	35.00 1.71 0.00	45.47 2.12 0.00	35.09 1.89 0.00	35.50 1.84 0.00	29.68 1.80 0.00	28.24 1.75 -0.04	26.28 1.74 -0.04	28.12 1.84 -0.02	25.04 1.78 -0.01	26.32 1.99 -0.03	31.75 2.30 0.00	32.52 2.07 0.00	41.49 2.49 0.00	37.68 2.42 0.00	28.84 1.82 0.00	24.24 1.68 -0.01	81.28 1.42 -58.88	21.57 1.11 0.00
BARRETT_IC_6 23709	24.10 1.32 0.00	22.10 1.21 0.00	19.64 1.01 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.91 1.43 0.00	35.00 1.71 0.00	45.47 2.12 0.00	35.09 1.89 0.00	35.50 1.84 0.00	29.68 1.80 0.00	28.24 1.75 -0.04	26.28 1.74 -0.04	28.12 1.84 -0.02	25.04 1.78 -0.01	26.32 1.99 -0.03	31.75 2.30 0.00	32.52 2.07 0.00	41.49 2.49 0.00	37.68 2.42 0.00	28.84 1.82 0.00	24.24 1.68 -0.01	81.28 1.42 -58.88	21.57 1.11 0.00

BARRETT_IC_7 23710	24.09 1.32 0.00	22.10 1.21 0.00	19.64 1.01 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.91 1.44 0.00	35.00 1.71 0.00	45.48 2.13 0.00	35.09 1.89 0.00	35.49 1.83 0.00	29.68 1.80 0.00	28.25 1.75 -0.04	26.28 1.74 -0.04	28.12 1.83 -0.02	25.04 1.79 -0.01	26.33 1.99 -0.03	31.75 2.30 0.00	32.52 2.07 0.00	41.48 2.49 0.00	37.68 2.43 0.00	28.84 1.82 0.00	24.22 1.66 -0.01	81.32 1.46 -58.88	21.57 1.11 0.00
BARRETT_IC_8 23711	24.10 1.32 0.00	22.10 1.21 0.00	19.64 1.01 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.91 1.43 0.00	35.00 1.71 0.00	45.47 2.12 0.00	35.09 1.89 0.00	35.50 1.84 0.00	29.68 1.80 0.00	28.24 1.75 -0.04	26.28 1.74 -0.04	28.12 1.84 -0.02	25.04 1.78 -0.01	26.32 1.99 -0.03	31.75 2.30 0.00	32.52 2.07 0.00	41.49 2.49 0.00	37.68 2.42 0.00	28.84 1.82 0.00	24.24 1.68 -0.01	81.28 1.42 -58.88	21.57 1.11 0.00
BARRETT_IC_9 23700	24.10 1.32 0.00	22.10 1.21 0.00	19.64 1.01 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.91 1.43 0.00	35.00 1.71 0.00	45.47 2.12 0.00	35.09 1.89 0.00	35.50 1.84 0.00	29.68 1.80 0.00	28.24 1.75 -0.04	26.28 1.74 -0.04	28.12 1.84 -0.02	25.04 1.78 -0.01	26.32 1.99 -0.03	31.75 2.30 0.00	32.52 2.07 0.00	41.49 2.49 0.00	37.68 2.42 0.00	28.84 1.82 0.00	24.24 1.68 -0.01	81.28 1.42 -58.88	21.57 1.11 0.00
BARRETT___1 23545	24.10 1.32 0.00	22.10 1.21 0.00	19.64 1.01 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.91 1.43 0.00	35.00 1.71 0.00	45.47 2.12 0.00	35.09 1.89 0.00	35.50 1.84 0.00	29.68 1.80 0.00	28.24 1.75 -0.04	26.28 1.74 -0.04	28.12 1.84 -0.02	25.04 1.78 -0.01	26.32 1.99 -0.03	31.75 2.30 0.00	32.52 2.07 0.00	41.49 2.49 0.00	37.68 2.42 0.00	28.84 1.82 0.00	24.24 1.68 -0.01	81.28 1.42 -58.88	21.57 1.11 0.00
BARRETT___2 23546	24.10 1.32 0.00	22.10 1.21 0.00	19.64 1.01 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.91 1.43 0.00	35.00 1.71 0.00	45.47 2.12 0.00	35.09 1.89 0.00	35.50 1.84 0.00	29.68 1.80 0.00	28.24 1.75 -0.04	26.28 1.74 -0.04	28.12 1.84 -0.02	25.04 1.78 -0.01	26.32 1.99 -0.03	31.75 2.30 0.00	32.52 2.07 0.00	41.49 2.49 0.00	37.68 2.42 0.00	28.84 1.82 0.00	24.24 1.68 -0.01	81.28 1.42 -58.88	21.57 1.11 0.00
BATAVIA___115KV_TB1 55881	22.68 -0.09 0.00	20.64 -0.26 0.00	18.38 -0.25 0.00	15.76 -0.17 0.00	17.08 -0.20 0.00	24.53 0.06 0.00	33.21 -0.07 0.00	43.33 -0.02 0.00	33.16 -0.03 0.00	33.84 0.18 0.00	28.01 0.12 0.00	26.52 0.06 0.00	24.51 0.02 0.00	26.23 -0.03 0.00	23.31 0.06 0.00	24.33 0.02 0.00	29.35 -0.10 0.00	30.60 0.14 0.00	39.24 0.24 0.00	35.61 0.36 0.00	27.19 0.17 0.00	22.85 0.30 0.00	21.37 0.39 0.00	20.93 0.47 0.00
BAYONEEC___CTG1 323682	24.05 1.28 0.00	22.11 1.21 0.00	19.61 0.98 0.00	16.80 0.87 0.00	18.28 1.00 0.00	25.86 1.39 0.00	35.31 2.03 0.00	46.09 2.74 0.00	35.43 2.24 0.00	33.60 2.23 2.29	28.00 1.90 1.79	28.22 1.76 0.00	26.20 1.71 0.00	27.72 1.87 0.41	24.98 1.73 0.00	26.20 1.89 0.00	30.58 2.27 1.14	29.60 2.24 3.10	33.24 2.87 8.62	31.75 2.70 6.20	24.95 1.98 4.05	22.09 1.67 2.14	21.85 1.36 0.48	21.53 1.07 0.00
BAYONEEC___CTG10 323750	24.05 1.28 0.00	22.11 1.21 0.00	19.61 0.98 0.00	16.80 0.87 0.00	18.28 1.00 0.00	25.86 1.39 0.00	35.31 2.03 0.00	46.09 2.74 0.00	35.43 2.24 0.00	33.60 2.23 2.29	28.00 1.90 1.79	28.22 1.76 0.00	26.20 1.71 0.00	27.72 1.87 0.41	24.98 1.73 0.00	26.20 1.89 0.00	30.58 2.27 1.14	29.60 2.24 3.10	33.24 2.87 8.62	31.75 2.70 6.20	24.95 1.98 4.05	22.09 1.67 2.14	21.85 1.36 0.48	21.53 1.07 0.00
BAYONEEC___CTG2 323683	24.05 1.28 0.00	22.11 1.21 0.00	19.61 0.98 0.00	16.80 0.87 0.00	18.28 1.00 0.00	25.86 1.39 0.00	35.31 2.03 0.00	46.09 2.74 0.00	35.43 2.24 0.00	33.60 2.23 2.29	28.00 1.90 1.79	28.22 1.76 0.00	26.20 1.71 0.00	27.72 1.87 0.41	24.98 1.73 0.00	26.20 1.89 0.00	30.58 2.27 1.14	29.60 2.24 3.10	33.24 2.87 8.62	31.75 2.70 6.20	24.95 1.98 4.05	22.09 1.67 2.14	21.85 1.36 0.48	21.53 1.07 0.00
BAYONEEC___CTG3 323684	24.05 1.28 0.00	22.11 1.21 0.00	19.61 0.98 0.00	16.80 0.87 0.00	18.28 1.00 0.00	25.86 1.39 0.00	35.31 2.03 0.00	46.09 2.74 0.00	35.43 2.24 0.00	33.60 2.23 2.29	28.00 1.90 1.79	28.22 1.76 0.00	26.20 1.71 0.00	27.72 1.87 0.41	24.98 1.73 0.00	26.20 1.89 0.00	30.58 2.27 1.14	29.60 2.24 3.10	33.24 2.87 8.62	31.75 2.70 6.20	24.95 1.98 4.05	22.09 1.67 2.14	21.85 1.36 0.48	21.53 1.07 0.00
BAYONEEC___CTG4 323685	24.05 1.28 0.00	22.11 1.21 0.00	19.61 0.98 0.00	16.80 0.87 0.00	18.28 1.00 0.00	25.86 1.39 0.00	35.31 2.03 0.00	46.09 2.74 0.00	35.43 2.24 0.00	33.60 2.23 2.29	28.00 1.90 1.79	28.22 1.76 0.00	26.20 1.71 0.00	27.72 1.87 0.41	24.98 1.73 0.00	26.20 1.89 0.00	30.58 2.27 1.14	29.60 2.24 3.10	33.24 2.87 8.62	31.75 2.70 6.20	24.95 1.98 4.05	22.09 1.67 2.14	21.85 1.36 0.48	21.53 1.07 0.00
BAYONEEC___CTG5 323686	24.05 1.28 0.00	22.11 1.21 0.00	19.61 0.98 0.00	16.80 0.87 0.00	18.28 1.00 0.00	25.86 1.39 0.00	35.31 2.03 0.00	46.09 2.74 0.00	35.43 2.24 0.00	33.60 2.23 2.29	28.00 1.90 1.79	28.22 1.76 0.00	26.20 1.71 0.00	27.72 1.87 0.41	24.98 1.73 0.00	26.20 1.89 0.00	30.58 2.27 1.14	29.60 2.24 3.10	33.24 2.87 8.62	31.75 2.70 6.20	24.95 1.98 4.05	22.09 1.67 2.14	21.85 1.36 0.48	21.53 1.07 0.00
BAYONEEC___CTG6 323687	24.05 1.28 0.00	22.11 1.21 0.00	19.61 0.98 0.00	16.80 0.87 0.00	18.28 1.00 0.00	25.86 1.39 0.00	35.31 2.03 0.00	46.09 2.74 0.00	35.43 2.24 0.00	33.60 2.23 2.29	28.00 1.90 1.79	28.22 1.76 0.00	26.20 1.71 0.00	27.72 1.87 0.41	24.98 1.73 0.00	26.20 1.89 0.00	30.58 2.27 1.14	29.60 2.24 3.10	33.24 2.87 8.62	31.75 2.70 6.20	24.95 1.98 4.05	22.09 1.67 2.14	21.85 1.36 0.48	21.53 1.07 0.00
BAYONEEC___CTG7 323688	24.05 1.28 0.00	22.11 1.21 0.00	19.61 0.98 0.00	16.80 0.87 0.00	18.28 1.00 0.00	25.86 1.39 0.00	35.31 2.03 0.00	46.09 2.74 0.00	35.43 2.24 0.00	33.60 2.23 2.29	28.00 1.90 1.79	28.22 1.76 0.00	26.20 1.71 0.00	27.72 1.87 0.41	24.98 1.73 0.00	26.20 1.89 0.00	30.58 2.27 1.14	29.60 2.24 3.10	33.24 2.87 8.62	31.75 2.70 6.20	24.95 1.98 4.05	22.09 1.67 2.14	21.85 1.36 0.48	21.53 1.07 0.00
BAYONEEC___CTG8 323689	24.05 1.28 0.00	22.11 1.21 0.00	19.61 0.98 0.00	16.80 0.87 0.00	18.28 1.00 0.00	25.86 1.39 0.00	35.31 2.03 0.00	46.09 2.74 0.00	35.43 2.24 0.00	33.60 2.23 2.29	28.00 1.90 1.79	28.22 1.76 0.00	26.20 1.71 0.00	27.72 1.87 0.41	24.98 1.73 0.00	26.20 1.89 0.00	30.58 2.27 1.14	29.60 2.24 3.10	33.24 2.87 8.62	31.75 2.70 6.20	24.95 1.98 4.05	22.09 1.67 2.14	21.85 1.36 0.48	21.53 1.07 0.00

BAYONEEC___CTG9 323749	24.05 1.28 0.00	22.11 1.21 0.00	19.61 0.98 0.00	16.80 0.87 0.00	18.28 1.00 0.00	25.86 1.39 0.00	35.31 2.03 0.00	46.09 2.74 0.00	35.43 2.24 0.00	33.60 2.23 2.29	28.00 1.90 1.79	28.22 1.76 0.00	26.20 1.71 0.00	27.72 1.87 0.41	24.98 1.73 0.00	26.20 1.89 0.00	30.58 2.27 1.14	29.60 2.24 3.10	33.24 2.87 8.62	31.75 2.70 6.20	24.95 1.98 4.05	22.09 1.67 2.14	21.85 1.36 0.48	21.53 1.07 0.00
BEACON___LESR 323632	23.35 0.58 0.00	21.44 0.55 0.00	19.08 0.45 0.00	16.31 0.38 0.00	17.79 0.51 0.00	25.21 0.74 0.00	34.41 1.12 0.00	44.86 1.51 0.00	34.39 1.19 0.00	34.85 1.19 0.00	28.78 0.90 0.00	27.15 0.70 0.00	25.11 0.61 0.00	26.99 0.72 0.00	23.97 0.72 0.00	25.06 0.75 0.00	30.38 0.93 0.00	31.51 1.06 0.00	40.62 1.62 0.00	36.62 1.36 0.00	27.96 0.94 0.00	23.36 0.81 0.00	21.56 0.58 0.00	20.86 0.41 0.00
BEAVER RIVER___HYD 24048	22.39 -0.38 0.00	20.48 -0.42 0.00	18.43 -0.20 0.00	15.77 -0.16 0.00	16.98 -0.30 0.00	24.09 -0.38 0.00	33.28 -0.01 0.00	43.28 -0.08 0.00	33.10 -0.09 0.00	33.53 -0.13 0.00	27.37 -0.52 0.00	26.04 -0.42 0.00	24.23 -0.26 0.00	25.92 -0.34 0.00	22.93 -0.32 0.00	23.96 -0.35 0.00	29.32 -0.13 0.00	30.58 0.13 0.00	39.58 0.59 0.00	35.73 0.48 0.00	27.18 0.16 0.00	22.40 -0.15 0.00	20.79 -0.18 0.00	20.53 0.08 0.00
BEEBEE_GT_13 23619	22.50 -0.27 0.00	20.54 -0.35 0.00	18.29 -0.34 0.00	15.64 -0.28 0.00	16.96 -0.32 0.00	24.23 -0.24 0.00	32.95 -0.34 0.00	43.05 -0.30 0.00	33.00 -0.20 0.00	33.48 -0.18 0.00	27.76 -0.12 0.00	26.32 -0.14 0.00	24.32 -0.17 0.00	26.06 -0.21 0.00	23.07 -0.18 0.00	24.11 -0.21 0.00	29.12 -0.33 0.00	30.27 -0.19 0.00	38.81 -0.18 0.00	35.20 -0.05 0.00	26.89 -0.13 0.00	22.51 -0.04 0.00	20.99 0.01 0.00	20.56 0.11 0.00
BENSHRST_27_KV_BENSHRST_1 355998	24.24 1.47 0.00	22.28 1.39 0.00	19.79 1.15 0.00	16.91 0.99 0.00	18.42 1.14 0.00	26.05 1.58 0.00	35.62 2.34 0.00	46.55 3.20 0.00	35.84 2.64 0.00	36.31 2.65 0.00	30.11 2.22 0.00	28.52 2.06 0.00	26.45 1.96 0.00	28.40 2.13 0.00	25.23 1.97 0.00	26.47 2.16 0.00	32.07 2.62 0.00	33.06 2.61 0.00	42.40 3.40 0.00	38.46 3.21 0.00	29.84 2.37 -0.45	24.55 1.99 0.00	22.58 1.60 0.00	21.73 1.28 0.00
BETHLEHEM___GRP 23843	22.94 0.17 0.00	21.09 0.20 0.00	18.79 0.16 0.00	16.08 0.15 0.00	17.51 0.22 0.00	24.72 0.24 0.00	33.67 0.39 0.00	43.97 0.62 0.00	33.76 0.56 0.00	34.18 0.52 0.00	28.22 0.34 0.00	26.68 0.21 0.00	24.68 0.19 0.00	26.53 0.27 0.00	23.54 0.29 0.00	24.66 0.34 0.00	29.89 0.44 0.00	30.99 0.54 0.00	39.83 0.84 0.00	35.96 0.70 0.00	27.51 0.49 0.00	22.97 0.42 0.00	21.21 0.23 0.00	20.51 0.06 0.00
BETHLEHEM___GS1 323560	22.94 0.17 0.00	21.09 0.20 0.00	18.79 0.16 0.00	16.08 0.15 0.00	17.50 0.22 0.00	24.72 0.24 0.00	33.67 0.38 0.00	43.97 0.62 0.00	33.76 0.56 0.00	34.18 0.52 0.00	28.23 0.34 0.00	26.67 0.21 0.00	24.68 0.19 0.00	26.53 0.27 0.00	23.54 0.29 0.00	24.66 0.34 0.00	29.89 0.44 0.00	30.99 0.54 0.00	39.83 0.84 0.00	35.96 0.71 0.00	27.51 0.49 0.00	22.98 0.43 0.00	21.21 0.23 0.00	20.51 0.06 0.00
BETHLEHEM___GS2 323561	22.94 0.17 0.00	21.09 0.20 0.00	18.79 0.16 0.00	16.08 0.15 0.00	17.50 0.22 0.00	24.72 0.24 0.00	33.67 0.38 0.00	43.97 0.62 0.00	33.76 0.56 0.00	34.18 0.52 0.00	28.23 0.34 0.00	26.67 0.21 0.00	24.68 0.19 0.00	26.53 0.27 0.00	23.54 0.29 0.00	24.66 0.34 0.00	29.89 0.44 0.00	30.99 0.54 0.00	39.83 0.84 0.00	35.96 0.71 0.00	27.51 0.49 0.00	22.98 0.43 0.00	21.21 0.23 0.00	20.51 0.06 0.00
BETHLEHEM___GS3 323562	22.94 0.17 0.00	21.09 0.20 0.00	18.79 0.16 0.00	16.08 0.15 0.00	17.50 0.22 0.00	24.72 0.24 0.00	33.67 0.38 0.00	43.97 0.62 0.00	33.76 0.56 0.00	34.18 0.52 0.00	28.23 0.34 0.00	26.67 0.21 0.00	24.68 0.19 0.00	26.53 0.27 0.00	23.54 0.29 0.00	24.66 0.34 0.00	29.89 0.44 0.00	30.99 0.54 0.00	39.83 0.84 0.00	35.96 0.71 0.00	27.51 0.49 0.00	22.98 0.43 0.00	21.21 0.23 0.00	20.51 0.06 0.00
BETHLEHEM___STEEL 23779	22.42 -0.36 0.00	20.39 -0.50 0.00	18.14 -0.50 0.00	15.54 -0.38 0.00	16.85 -0.42 0.00	24.21 -0.26 0.00	32.70 -0.58 0.00	42.68 -0.68 0.00	32.72 -0.48 0.00	33.56 -0.10 0.00	27.87 -0.01 0.00	26.37 -0.08 0.00	24.36 -0.13 0.00	26.08 -0.18 0.00	23.10 -0.15 0.00	24.10 -0.21 0.00	29.11 -0.34 0.00	30.29 -0.17 0.00	38.84 -0.16 0.00	35.26 0.01 0.00	26.95 -0.08 0.00	22.66 0.11 0.00	21.22 0.25 0.00	20.79 0.34 0.00
BETHLHEM_115KV_TB1 79974	23.02 0.25 0.00	21.16 0.27 0.00	18.86 0.22 0.00	16.13 0.21 0.00	17.56 0.28 0.00	24.80 0.33 0.00	33.79 0.50 0.00	44.12 0.77 0.00	33.86 0.66 0.00	34.28 0.62 0.00	28.32 0.43 0.00	26.76 0.30 0.00	24.77 0.27 0.00	26.61 0.35 0.00	23.62 0.37 0.00	24.73 0.42 0.00	29.99 0.54 0.00	31.10 0.64 0.00	39.95 0.95 0.00	36.08 0.83 0.00	27.60 0.58 0.00	23.05 0.49 0.00	21.28 0.31 0.00	20.59 0.13 0.00
BETHPAGE_CC_5 323564	24.22 1.45 0.00	22.20 1.31 0.00	19.74 1.10 0.00	16.90 0.98 0.00	18.39 1.11 0.00	26.02 1.55 0.00	35.26 1.98 0.00	45.87 2.52 0.00	35.41 2.22 0.00	35.80 2.14 0.00	29.87 1.98 0.00	28.37 1.91 0.00	26.38 1.89 0.00	28.25 1.98 0.00	25.17 1.92 0.00	26.49 2.18 0.00	32.08 2.63 0.00	32.97 2.52 0.00	42.02 3.03 0.00	38.19 2.94 0.00	29.21 2.18 0.00	24.47 1.92 0.00	24.26 1.58 -1.70	21.66 1.21 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.51 -0.26 0.00	20.47 -0.42 0.00	18.21 -0.43 0.00	15.60 -0.33 0.00	16.92 -0.35 0.00	24.31 -0.17 0.00	32.85 -0.44 0.00	42.89 -0.46 0.00	32.89 -0.31 0.00	33.73 0.07 0.00	28.01 0.13 0.00	26.50 0.04 0.00	24.48 -0.01 0.00	26.22 -0.04 0.00	23.21 -0.04 0.00	24.23 -0.09 0.00	29.25 -0.20 0.00	30.45 0.00 0.00	39.04 0.05 0.00	35.44 0.19 0.00	27.08 0.06 0.00	22.76 0.21 0.00	21.32 0.34 0.00	20.87 0.42 0.00
BINGHAMTON___COGEN 23790	22.74 -0.03 0.00	20.77 -0.12 0.00	18.45 -0.18 0.00	15.76 -0.17 0.00	17.11 -0.16 0.00	24.38 -0.10 0.00	33.25 -0.04 0.00	43.59 0.24 0.00	33.31 0.11 0.00	33.86 0.20 0.00	28.06 0.18 0.00	26.57 0.11 0.00	24.58 0.09 0.00	26.32 0.06 0.00	23.29 0.04 0.00	24.67 0.36 0.00	29.93 0.48 0.00	31.00 0.54 0.00	39.76 0.76 0.00	35.98 0.72 0.00	27.53 0.51 0.00	22.95 0.39 0.00	21.32 0.35 0.00	20.79 0.34 0.00
BIXINCNT_115KV_LOAD 355685	22.79 0.01 0.00	20.61 -0.29 0.00	18.25 -0.38 0.00	15.67 -0.25 0.00	17.10 -0.18 0.00	24.55 0.07 0.00	33.35 0.07 0.00	43.74 0.39 0.00	33.46 0.26 0.00	34.40 0.74 0.00	28.58 0.70 0.00	26.92 0.47 0.00	24.91 0.42 0.00	26.63 0.37 0.00	23.54 0.29 0.00	24.58 0.26 0.00	29.66 0.21 0.00	30.95 0.50 0.00	39.72 0.73 0.00	36.05 0.80 0.00	27.53 0.51 0.00	23.14 0.58 0.00	21.61 0.64 0.00	21.09 0.64 0.00

BLACK RIVER___HYD 24047	22.38 -0.39 0.00	20.36 -0.53 0.00	18.35 -0.29 0.00	15.69 -0.23 0.00	16.93 -0.35 0.00	23.99 -0.49 0.00	33.31 0.02 0.00	43.32 -0.03 0.00	33.22 0.03 0.00	33.58 -0.08 0.00	27.36 -0.53 0.00	25.96 -0.50 0.00	24.05 -0.44 0.00	25.85 -0.41 0.00	22.69 -0.56 0.00	23.76 -0.55 0.00	29.22 -0.23 0.00	30.54 0.09 0.00	39.77 0.78 0.00	35.94 0.68 0.00	27.30 0.28 0.00	22.49 -0.06 0.00	20.82 -0.16 0.00	20.63 0.17 0.00
BLACKRVR_115KV_TB2 79977	22.38 -0.39 0.00	20.36 -0.53 0.00	18.35 -0.29 0.00	15.69 -0.23 0.00	16.93 -0.35 0.00	23.98 -0.49 0.00	33.31 0.02 0.00	43.31 -0.04 0.00	33.22 0.02 0.00	33.58 -0.08 0.00	27.36 -0.53 0.00	25.96 -0.49 0.00	24.05 -0.44 0.00	25.85 -0.41 0.00	22.69 -0.56 0.00	23.76 -0.55 0.00	29.22 -0.23 0.00	30.54 0.08 0.00	39.78 0.79 0.00	35.94 0.68 0.00	27.30 0.28 0.00	22.49 -0.06 0.00	20.82 -0.16 0.00	20.63 0.17 0.00
BLISS_WT_PWR 323608	22.76 -0.01 0.00	20.55 -0.35 0.00	18.18 -0.45 0.00	15.61 -0.31 0.00	17.07 -0.21 0.00	24.50 0.03 0.00	33.33 0.05 0.00	43.75 0.40 0.00	33.46 0.27 0.00	34.41 0.74 0.00	28.60 0.72 0.00	26.92 0.46 0.00	24.93 0.43 0.00	26.63 0.37 0.00	23.53 0.28 0.00	24.60 0.28 0.00	29.65 0.21 0.00	30.97 0.52 0.00	39.75 0.75 0.00	36.08 0.83 0.00	27.55 0.53 0.00	23.11 0.56 0.00	21.61 0.64 0.00	21.09 0.64 0.00
BLUESTONE___WT_PWR 323821	23.45 0.68 0.00	21.44 0.54 0.00	19.11 0.48 0.00	16.30 0.37 0.00	17.80 0.52 0.00	25.35 0.88 0.00	34.65 1.36 0.00	45.54 2.19 0.00	34.96 1.77 0.00	35.50 1.84 0.00	29.65 1.76 0.00	28.08 1.62 0.00	25.76 1.27 0.00	27.70 1.44 0.00	24.61 1.36 0.00	25.83 1.52 0.00	31.42 1.97 0.00	32.63 2.17 0.00	41.92 2.93 0.00	37.93 2.68 0.00	28.96 1.94 0.00	24.03 1.48 0.00	22.31 1.34 0.00	21.65 1.20 0.00
BLUE_CIRC_CHEM_DRP 24182	23.25 0.48 0.00	21.37 0.47 0.00	19.05 0.41 0.00	16.29 0.37 0.00	17.73 0.45 0.00	25.05 0.57 0.00	34.12 0.83 0.00	44.52 1.16 0.00	34.13 0.93 0.00	34.55 0.89 0.00	28.58 0.69 0.00	27.02 0.56 0.00	25.01 0.52 0.00	26.88 0.61 0.00	23.85 0.60 0.00	25.04 0.72 0.00	30.36 0.91 0.00	31.49 1.03 0.00	40.45 1.46 0.00	36.51 1.26 0.00	27.94 0.92 0.00	23.34 0.79 0.00	21.57 0.60 0.00	20.88 0.43 0.00
BOC_GAS_DRP 24189	23.23 0.46 0.00	21.36 0.46 0.00	19.03 0.40 0.00	16.28 0.36 0.00	17.71 0.44 0.00	25.03 0.55 0.00	34.08 0.79 0.00	44.47 1.12 0.00	34.10 0.90 0.00	34.54 0.88 0.00	28.55 0.67 0.00	27.00 0.55 0.00	25.01 0.51 0.00	26.87 0.60 0.00	23.83 0.57 0.00	24.96 0.64 0.00	30.25 0.80 0.00	31.34 0.89 0.00	40.24 1.24 0.00	36.34 1.09 0.00	27.83 0.80 0.00	23.24 0.68 0.00	21.48 0.51 0.00	20.80 0.35 0.00
BOONVILLE_115KV_TB1 79983	22.94 0.16 0.00	21.01 0.12 0.00	18.81 0.18 0.00	16.09 0.16 0.00	17.39 0.11 0.00	24.70 0.22 0.00	33.92 0.63 0.00	44.19 0.84 0.00	33.70 0.50 0.00	34.14 0.48 0.00	28.07 0.18 0.00	26.65 0.19 0.00	24.73 0.24 0.00	26.46 0.20 0.00	23.41 0.16 0.00	24.50 0.19 0.00	29.87 0.42 0.00	31.06 0.61 0.00	40.03 1.03 0.00	36.13 0.88 0.00	27.56 0.54 0.00	22.86 0.30 0.00	21.28 0.30 0.00	20.86 0.41 0.00
BORALEX_4TH_BRANCH 23824	23.89 1.11 0.00	22.00 1.10 0.00	19.58 0.94 0.00	16.77 0.84 0.00	18.29 1.01 0.00	25.83 1.35 0.00	34.75 1.47 0.00	45.29 1.94 0.00	34.97 1.77 0.00	35.37 1.71 0.00	29.04 1.16 0.00	27.40 0.94 0.00	25.50 1.01 0.00	27.45 1.18 0.00	24.15 0.90 0.00	25.34 1.02 0.00	30.69 1.24 0.00	31.75 1.29 0.00	41.05 2.05 0.00	37.06 1.81 0.00	28.53 1.50 0.00	23.87 1.31 0.00	22.01 1.03 0.00	21.24 0.79 0.00
BOWLINE___1 23526	23.88 1.11 0.00	21.94 1.05 0.00	19.49 0.86 0.00	16.69 0.76 0.00	18.17 0.89 0.00	25.74 1.26 0.00	35.08 1.79 0.00	45.77 2.42 0.00	35.13 1.93 0.00	35.53 1.87 0.00	29.47 1.58 0.00	27.89 1.44 0.00	25.91 1.42 0.00	27.81 1.55 0.00	24.68 1.43 0.00	25.92 1.60 0.00	31.41 1.96 0.00	32.44 1.98 0.00	41.64 2.64 0.00	37.68 2.43 0.00	28.79 1.77 0.00	24.02 1.47 0.00	22.14 1.16 0.00	21.38 0.92 0.00
BOWLINE___2 23595	23.88 1.11 0.00	21.94 1.05 0.00	19.49 0.86 0.00	16.69 0.76 0.00	18.17 0.89 0.00	25.74 1.26 0.00	35.08 1.79 0.00	45.77 2.42 0.00	35.13 1.93 0.00	35.53 1.87 0.00	29.47 1.58 0.00	27.89 1.44 0.00	25.92 1.42 0.00	27.81 1.55 0.00	24.68 1.43 0.00	25.92 1.61 0.00	31.41 1.96 0.00	32.44 1.98 0.00	41.64 2.64 0.00	37.68 2.43 0.00	28.79 1.77 0.00	24.02 1.47 0.00	22.14 1.16 0.00	21.38 0.92 0.00
BRADY___115KV_TB2 356060	22.88 0.11 0.00	21.00 0.11 0.00	18.79 0.15 0.00	16.06 0.13 0.00	17.38 0.10 0.00	24.67 0.19 0.00	33.55 0.26 0.00	43.71 0.36 0.00	33.45 0.25 0.00	34.05 0.39 0.00	28.07 0.19 0.00	26.67 0.20 0.00	24.56 0.07 0.00	26.33 0.06 0.00	23.33 0.08 0.00	24.35 0.04 0.00	29.51 0.06 0.00	30.56 0.11 0.00	39.13 0.14 0.00	35.34 0.09 0.00	27.11 0.09 0.00	22.58 0.02 0.00	21.04 0.07 0.00	20.45 0.00 0.00
BRANSCOMB___SOLAR 323811	23.66 0.89 0.00	21.74 0.85 0.00	19.36 0.73 0.00	16.57 0.64 0.00	18.05 0.77 0.00	25.59 1.11 0.00	34.82 1.54 0.00	45.50 2.15 0.00	34.99 1.79 0.00	35.48 1.82 0.00	29.29 1.40 0.00	27.63 1.17 0.00	25.52 1.02 0.00	27.46 1.19 0.00	24.34 1.09 0.00	25.47 1.16 0.00	30.89 1.44 0.00	32.11 1.65 0.00	41.36 2.37 0.00	37.35 2.10 0.00	28.57 1.55 0.00	23.82 1.26 0.00	21.96 0.99 0.00	21.22 0.77 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	24.38 1.61 0.00	22.32 1.42 0.00	19.85 1.21 0.00	16.99 1.07 0.00	18.49 1.21 0.00	26.19 1.71 0.00	35.55 2.26 0.00	46.17 2.82 0.00	35.76 2.56 0.00	36.10 2.44 0.00	30.10 2.21 0.00	28.64 2.19 0.00	26.65 2.16 0.00	28.51 2.24 0.00	25.44 2.19 0.00	26.80 2.49 0.00	32.49 3.04 0.00	33.40 2.95 0.00	42.23 3.24 0.00	38.51 3.26 0.00	29.52 2.50 0.00	24.74 2.18 0.00	20.13 1.78 2.63	21.82 1.37 0.00
BRISTLHL_115KV_TB1 79998	22.48 -0.29 0.00	20.58 -0.31 0.00	18.33 -0.30 0.00	15.65 -0.28 0.00	16.96 -0.32 0.00	24.08 -0.39 0.00	32.83 -0.46 0.00	42.70 -0.65 0.00	32.68 -0.52 0.00	33.12 -0.54 0.00	27.41 -0.47 0.00	25.99 -0.47 0.00	24.04 -0.45 0.00	25.71 -0.55 0.00	22.71 -0.54 0.00	23.74 -0.57 0.00	28.82 -0.63 0.00	29.87 -0.58 0.00	38.31 -0.69 0.00	34.65 -0.61 0.00	26.54 -0.48 0.00	22.15 -0.41 0.00	20.62 -0.35 0.00	20.27 -0.18 0.00
BROOKHAVEN___DRP 24191	24.35 1.58 0.00	22.29 1.40 0.00	19.83 1.20 0.00	17.02 1.09 0.00	18.50 1.22 0.00	26.15 1.67 0.00	35.44 2.16 0.00	45.95 2.60 0.00	35.69 2.49 0.00	36.03 2.36 0.00	30.04 2.16 0.00	28.58 2.12 0.00	26.62 2.13 0.00	28.47 2.21 0.00	25.42 2.17 0.00	26.75 2.43 0.00	32.47 3.02 0.00	33.43 2.97 0.00	42.41 3.41 0.00	38.56 3.31 0.00	29.46 2.44 0.00	24.70 2.15 0.00	19.54 1.69 3.12	21.74 1.29 0.00

BROOKLYN_NAVY_YARD 23515	24.10 1.33 0.00	22.19 1.29 0.00	19.69 1.05 0.00	16.85 0.93 0.00	18.34 1.06 0.00	25.94 1.47 0.00	35.40 2.12 0.00	46.21 2.86 0.00	35.55 2.35 0.00	36.00 2.33 0.00	29.84 1.95 0.00	28.26 1.80 0.00	26.22 1.73 0.00	28.15 1.88 0.00	24.99 1.74 0.00	26.21 1.89 0.00	31.75 2.30 0.00	32.75 2.30 0.00	41.89 2.89 0.00	37.98 2.73 0.00	29.02 2.00 0.00	24.25 1.69 0.00	22.36 1.39 0.00	21.53 1.08 0.00
BROOKLYN___ARMY_DRP 323595	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.85 0.93 0.00	18.35 1.07 0.00	25.95 1.48 0.00	35.47 2.19 0.00	46.36 3.01 0.00	35.68 2.48 0.00	36.14 2.48 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.46 0.00	32.90 2.45 0.00	42.18 3.19 0.00	38.26 3.00 0.00	29.68 2.22 -0.45	24.42 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
BROOKVLE_69_KV_TB1 55790	24.21 1.44 0.00	22.22 1.32 0.00	19.74 1.10 0.00	16.89 0.97 0.00	18.41 1.13 0.00	26.05 1.58 0.00	35.42 2.13 0.00	46.17 2.82 0.00	35.55 2.35 0.00	35.96 2.30 0.00	29.97 2.08 0.00	28.43 1.96 -0.01	26.42 1.92 -0.01	28.32 2.06 0.00	25.20 1.95 0.00	26.48 2.17 0.00	32.07 2.63 0.00	33.01 2.55 0.00	42.19 3.20 0.00	38.28 3.03 0.00	29.27 2.25 0.00	24.46 1.91 0.00	29.14 1.58 -6.59	21.68 1.23 0.00
BROOME_2_LFGE 323671	22.74 -0.04 0.00	20.77 -0.12 0.00	18.45 -0.18 0.00	15.76 -0.17 0.00	17.11 -0.16 0.00	24.38 -0.10 0.00	33.25 -0.03 0.00	43.60 0.25 0.00	33.31 0.11 0.00	33.85 0.19 0.00	28.06 0.18 0.00	26.57 0.11 0.00	24.58 0.09 0.00	26.32 0.06 0.00	23.29 0.04 0.00	24.68 0.36 0.00	29.93 0.48 0.00	31.00 0.54 0.00	39.76 0.76 0.00	35.98 0.72 0.00	27.53 0.51 0.00	22.94 0.38 0.00	21.32 0.35 0.00	20.79 0.34 0.00
BROOME___LFGE 323600	22.74 -0.04 0.00	20.77 -0.12 0.00	18.45 -0.18 0.00	15.76 -0.17 0.00	17.11 -0.16 0.00	24.38 -0.10 0.00	33.25 -0.03 0.00	43.60 0.25 0.00	33.31 0.11 0.00	33.85 0.19 0.00	28.06 0.18 0.00	26.57 0.11 0.00	24.58 0.09 0.00	26.32 0.06 0.00	23.29 0.04 0.00	24.68 0.36 0.00	29.93 0.48 0.00	31.00 0.54 0.00	39.76 0.76 0.00	35.98 0.72 0.00	27.53 0.51 0.00	22.94 0.38 0.00	21.32 0.35 0.00	20.79 0.34 0.00
BROWNFLS_115KV_TB_3_5 80003	22.45 -0.33 0.00	20.56 -0.33 0.00	18.46 -0.17 0.00	15.79 -0.14 0.00	17.04 -0.24 0.00	24.18 -0.30 0.00	33.17 -0.11 0.00	43.20 -0.15 0.00	33.07 -0.12 0.00	33.58 -0.09 0.00	27.52 -0.37 0.00	26.17 -0.28 0.00	24.27 -0.23 0.00	25.99 -0.27 0.00	23.00 -0.25 0.00	24.02 -0.30 0.00	29.28 -0.17 0.00	30.43 -0.03 0.00	39.20 0.20 0.00	35.37 0.12 0.00	27.01 -0.01 0.00	22.33 -0.22 0.00	20.74 -0.23 0.00	20.35 -0.10 0.00
BROWNSV1_27_KV_LOAD 356125	24.25 1.47 0.00	22.29 1.40 0.00	19.77 1.14 0.00	16.93 1.00 0.00	18.42 1.14 0.00	26.07 1.60 0.00	35.63 2.34 0.00	46.51 3.16 0.00	35.78 2.58 0.00	36.24 2.58 0.00	30.08 2.19 0.00	28.49 2.03 0.00	26.45 1.96 0.00	28.40 2.14 0.00	25.22 1.97 0.00	26.46 2.15 0.00	32.04 2.59 0.00	33.06 2.60 0.00	42.31 3.32 0.00	38.37 3.12 0.00	29.32 2.30 0.00	24.48 1.93 0.00	22.56 1.58 0.00	21.72 1.27 0.00
BURROWS___LYONSDAL 23803	22.78 0.01 0.00	20.87 -0.03 0.00	18.71 0.08 0.00	16.01 0.08 0.00	17.28 0.00 0.00	24.53 0.06 0.00	33.76 0.47 0.00	43.95 0.60 0.00	33.53 0.33 0.00	33.96 0.30 0.00	27.85 -0.04 0.00	26.46 0.00 0.00	24.61 0.11 0.00	26.31 0.04 0.00	23.28 0.03 0.00	24.37 0.05 0.00	29.73 0.28 0.00	30.95 0.50 0.00	39.93 0.94 0.00	36.04 0.79 0.00	27.46 0.44 0.00	22.73 0.17 0.00	21.15 0.18 0.00	20.79 0.34 0.00
CAITHNESS_CC_1 323624	24.30 1.52 0.00	22.25 1.35 0.00	19.79 1.16 0.00	16.98 1.05 0.00	18.46 1.18 0.00	26.08 1.61 0.00	35.35 2.06 0.00	45.80 2.45 0.00	35.57 2.37 0.00	35.94 2.28 0.00	29.97 2.08 0.00	28.50 2.04 0.00	26.55 2.06 0.00	28.40 2.14 0.00	25.35 2.10 0.00	26.67 2.36 0.00	32.36 2.91 0.00	33.30 2.85 0.00	42.25 3.26 0.00	38.41 3.16 0.00	29.36 2.34 0.00	24.64 2.09 0.00	19.44 1.60 3.13	21.69 1.24 0.00
CALPINE BETH_PAGE_GT4 24209	24.19 1.42 0.00	22.18 1.29 0.00	19.72 1.08 0.00	16.89 0.96 0.00	18.37 1.10 0.00	25.99 1.51 0.00	35.19 1.91 0.00	45.79 2.44 0.00	35.34 2.14 0.00	35.70 2.04 0.00	29.80 1.91 0.00	28.30 1.84 0.00	26.31 1.82 0.00	28.19 1.92 0.00	25.12 1.86 0.00	26.43 2.11 0.00	32.00 2.55 0.00	32.88 2.43 0.00	41.93 2.94 0.00	38.10 2.85 0.00	29.14 2.12 0.00	24.40 1.85 0.00	26.35 1.58 -3.80	21.64 1.19 0.00
CALPINE_BETH_PAGE_GT_4 323586	24.19 1.42 0.00	22.18 1.29 0.00	19.72 1.08 0.00	16.89 0.96 0.00	18.37 1.10 0.00	25.99 1.52 0.00	35.19 1.91 0.00	45.78 2.43 0.00	35.34 2.14 0.00	35.71 2.05 0.00	29.80 1.92 0.00	28.30 1.84 0.00	26.32 1.82 0.00	28.19 1.92 0.00	25.11 1.86 0.00	26.42 2.11 0.00	32.00 2.55 0.00	32.89 2.43 0.00	41.93 2.94 0.00	38.10 2.85 0.00	29.14 2.12 0.00	24.42 1.87 0.00	26.33 1.56 -3.80	21.64 1.18 0.00
CALPINE_BP_GT1 23823	24.19 1.42 0.00	22.18 1.29 0.00	19.72 1.08 0.00	16.89 0.96 0.00	18.37 1.10 0.00	25.99 1.52 0.00	35.19 1.91 0.00	45.78 2.43 0.00	35.34 2.14 0.00	35.71 2.05 0.00	29.80 1.92 0.00	28.30 1.84 0.00	26.32 1.82 0.00	28.19 1.92 0.00	25.11 1.86 0.00	26.42 2.11 0.00	32.00 2.55 0.00	32.89 2.43 0.00	41.93 2.94 0.00	38.10 2.85 0.00	29.14 2.12 0.00	24.42 1.87 0.00	26.33 1.56 -3.80	21.64 1.18 0.00
CALSPAN___DRP 24200	22.42 -0.36 0.00	20.39 -0.50 0.00	18.14 -0.50 0.00	15.54 -0.38 0.00	16.85 -0.42 0.00	24.21 -0.26 0.00	32.70 -0.58 0.00	42.68 -0.68 0.00	32.72 -0.48 0.00	33.56 -0.10 0.00	27.87 -0.01 0.00	26.37 -0.08 0.00	24.36 -0.13 0.00	26.08 -0.18 0.00	23.10 -0.15 0.00	24.10 -0.21 0.00	29.11 -0.34 0.00	30.29 -0.17 0.00	38.84 -0.16 0.00	35.26 0.01 0.00	26.95 -0.08 0.00	22.66 0.11 0.00	21.22 0.25 0.00	20.79 0.34 0.00
CALVERTON___SOLAR 323806	24.42 1.64 0.00	22.35 1.46 0.00	19.89 1.25 0.00	17.06 1.14 0.00	18.55 1.28 0.00	26.23 1.75 0.00	35.56 2.27 0.00	46.07 2.72 0.00	35.84 2.64 0.00	36.18 2.52 0.00	30.16 2.27 0.00	28.68 2.23 0.00	26.71 2.22 0.00	28.57 2.31 0.00	25.51 2.26 0.00	26.84 2.53 0.00	32.61 3.16 0.00	33.59 3.13 0.00	42.63 3.63 0.00	38.74 3.49 0.00	29.60 2.58 0.00	24.85 2.29 0.00	19.59 1.74 3.12	21.81 1.36 0.00
CANDIGU_WT_PWR 323617	22.53 -0.24 0.00	20.57 -0.33 0.00	18.18 -0.46 0.00	15.42 -0.50 0.00	16.78 -0.50 0.00	24.10 -0.38 0.00	32.76 -0.52 0.00	42.94 -0.41 0.00	32.86 -0.34 0.00	33.66 0.00 0.00	28.00 0.11 0.00	26.45 -0.01 0.00	24.39 -0.10 0.00	26.06 -0.20 0.00	23.05 -0.20 0.00	24.27 -0.04 0.00	29.52 0.07 0.00	30.72 0.26 0.00	39.43 0.44 0.00	35.73 0.48 0.00	27.32 0.30 0.00	22.82 0.26 0.00	21.29 0.31 0.00	20.81 0.35 0.00

CARR STREET_E__SYR 24060	22.55 -0.22 0.00	20.64 -0.25 0.00	18.38 -0.25 0.00	15.70 -0.23 0.00	17.02 -0.26 0.00	24.19 -0.29 0.00	32.99 -0.29 0.00	43.16 -0.19 0.00	33.01 -0.19 0.00	33.46 -0.19 0.00	27.72 -0.16 0.00	26.28 -0.17 0.00	24.30 -0.19 0.00	26.02 -0.25 0.00	23.01 -0.24 0.00	24.13 -0.19 0.00	29.23 -0.22 0.00	30.29 -0.16 0.00	38.84 -0.16 0.00	35.14 -0.11 0.00	26.90 -0.12 0.00	22.43 -0.13 0.00	20.87 -0.10 0.00	20.49 0.03 0.00
CARTHAGE__PAPER 23857	22.51 -0.27 0.00	20.54 -0.35 0.00	18.50 -0.14 0.00	15.83 -0.10 0.00	17.06 -0.22 0.00	24.20 -0.28 0.00	33.50 0.21 0.00	43.59 0.24 0.00	33.35 0.16 0.00	33.76 0.10 0.00	27.53 -0.36 0.00	26.14 -0.31 0.00	24.27 -0.22 0.00	26.03 -0.23 0.00	22.95 -0.30 0.00	23.98 -0.33 0.00	29.43 -0.02 0.00	30.73 0.28 0.00	39.92 0.92 0.00	36.05 0.79 0.00	27.40 0.38 0.00	22.57 0.02 0.00	20.94 -0.04 0.00	20.69 0.23 0.00
CASSADAGA_WT_PWR 323784	22.33 -0.44 0.00	20.26 -0.64 0.00	18.18 -0.46 0.00	15.64 -0.28 0.00	17.04 -0.23 0.00	24.66 0.19 0.00	33.63 0.34 0.00	43.95 0.60 0.00	33.56 0.36 0.00	34.37 0.71 0.00	28.57 0.68 0.00	26.91 0.46 0.00	24.87 0.37 0.00	26.81 0.55 0.00	23.68 0.42 0.00	24.87 0.56 0.00	30.12 0.67 0.00	31.33 0.87 0.00	40.25 1.26 0.00	36.53 1.28 0.00	27.91 0.88 0.00	23.30 0.75 0.00	21.81 0.83 0.00	21.28 0.83 0.00
CE_DUNWOOD__DRP 24194	23.96 1.19 0.00	22.02 1.13 0.00	19.56 0.92 0.00	16.74 0.82 0.00	18.23 0.95 0.00	25.80 1.33 0.00	35.17 1.89 0.00	45.90 2.55 0.00	35.28 2.08 0.00	35.70 2.04 0.00	29.62 1.73 0.00	28.05 1.59 0.00	26.04 1.55 0.00	27.96 1.69 0.00	24.82 1.57 0.00	26.05 1.73 0.00	31.56 2.11 0.00	32.58 2.13 0.00	41.78 2.78 0.00	37.83 2.58 0.00	28.91 1.89 0.00	24.13 1.58 0.00	22.24 1.26 0.00	21.45 1.00 0.00
CE_MILLWOOD__DRP 24193	23.92 1.15 0.00	21.99 1.10 0.00	19.53 0.90 0.00	16.72 0.79 0.00	18.21 0.93 0.00	25.77 1.30 0.00	35.13 1.85 0.00	45.84 2.50 0.00	35.23 2.03 0.00	35.64 1.98 0.00	29.56 1.68 0.00	27.99 1.53 0.00	25.98 1.49 0.00	27.90 1.63 0.00	24.77 1.51 0.00	25.99 1.68 0.00	31.50 2.05 0.00	32.52 2.07 0.00	41.72 2.72 0.00	37.77 2.52 0.00	28.87 1.84 0.00	24.09 1.53 0.00	22.20 1.22 0.00	21.42 0.97 0.00
CE_NYC2_DRP 24202	24.11 1.34 0.00	22.16 1.27 0.00	19.67 1.04 0.00	16.83 0.91 0.00	18.32 1.04 0.00	25.89 1.42 0.00	35.38 2.10 0.00	46.22 2.87 0.00	35.60 2.40 0.00	36.03 2.37 0.00	29.91 2.02 0.00	28.31 1.86 0.00	26.27 1.78 0.00	28.20 1.94 0.00	25.05 1.80 0.00	26.28 1.97 0.00	31.84 2.39 0.00	32.84 2.38 0.00	42.07 3.08 0.00	38.13 2.88 0.00	29.58 2.11 -0.45	24.33 1.78 0.00	22.40 1.43 0.00	21.58 1.13 0.00
CE_NYC_DRP 24195	24.07 1.30 0.00	22.13 1.24 0.00	19.65 1.01 0.00	16.81 0.89 0.00	18.30 1.02 0.00	25.90 1.42 0.00	35.37 2.08 0.00	46.15 2.80 0.00	35.50 2.31 0.00	35.96 2.30 0.00	29.85 1.96 0.00	28.27 1.82 0.00	26.25 1.75 0.00	28.19 1.92 0.00	25.04 1.78 0.00	26.25 1.94 0.00	31.78 2.33 0.00	32.78 2.33 0.00	41.96 2.97 0.00	38.04 2.78 0.00	29.06 2.04 0.00	24.27 1.72 0.00	22.37 1.40 0.00	21.55 1.10 0.00
CHAFFEE__LFGE 323603	22.46 -0.31 0.00	20.43 -0.46 0.00	18.16 -0.47 0.00	15.56 -0.37 0.00	16.87 -0.40 0.00	24.23 -0.24 0.00	32.77 -0.52 0.00	42.76 -0.59 0.00	32.81 -0.39 0.00	33.65 -0.01 0.00	27.96 0.07 0.00	26.46 0.00 0.00	24.45 -0.04 0.00	26.18 -0.09 0.00	23.17 -0.08 0.00	24.23 -0.08 0.00	29.21 -0.25 0.00	30.40 -0.06 0.00	38.97 -0.02 0.00	35.38 0.13 0.00	27.03 0.01 0.00	22.67 0.12 0.00	21.26 0.28 0.00	20.81 0.36 0.00
CHATEAUG_35_KV_LOAD 355732	23.06 0.29 0.00	21.16 0.26 0.00	18.96 0.33 0.00	16.20 0.27 0.00	17.63 0.35 0.00	24.99 0.51 0.00	33.86 0.57 0.00	44.45 1.10 0.00	34.18 0.99 0.00	34.92 1.26 0.00	28.71 0.82 0.00	27.24 0.78 0.00	25.02 0.53 0.00	27.07 0.81 0.00	23.98 0.73 0.00	24.89 0.58 0.00	30.32 0.87 0.00	31.40 0.95 0.00	40.04 1.05 0.00	35.89 0.64 0.00	27.36 0.33 0.00	22.61 0.06 0.00	20.87 -0.10 0.00	20.24 -0.21 0.00
CHATEAUG_WT_PWR 323614	23.02 0.25 0.00	21.13 0.24 0.00	18.94 0.30 0.00	16.18 0.25 0.00	17.60 0.32 0.00	24.97 0.50 0.00	33.83 0.54 0.00	44.40 1.06 0.00	34.17 0.97 0.00	34.93 1.27 0.00	28.72 0.84 0.00	27.25 0.79 0.00	25.02 0.53 0.00	27.09 0.83 0.00	24.00 0.75 0.00	24.90 0.59 0.00	30.33 0.88 0.00	31.41 0.95 0.00	40.07 1.08 0.00	35.90 0.64 0.00	27.36 0.34 0.00	22.61 0.06 0.00	20.86 -0.12 0.00	20.21 -0.24 0.00
CHAT_HIGH_FALL_HYD 323578	23.06 0.29 0.00	21.16 0.26 0.00	18.96 0.33 0.00	16.20 0.27 0.00	17.63 0.35 0.00	24.99 0.51 0.00	33.86 0.57 0.00	44.45 1.10 0.00	34.18 0.98 0.00	34.92 1.26 0.00	28.71 0.82 0.00	27.24 0.78 0.00	25.02 0.53 0.00	27.08 0.81 0.00	23.98 0.73 0.00	24.89 0.58 0.00	30.32 0.87 0.00	31.39 0.94 0.00	40.04 1.05 0.00	35.89 0.64 0.00	27.36 0.33 0.00	22.62 0.07 0.00	20.87 -0.10 0.00	20.24 -0.21 0.00
CHAUTAUQUA__LFGE 323629	22.45 -0.32 0.00	20.40 -0.49 0.00	18.20 -0.43 0.00	15.62 -0.30 0.00	16.99 -0.29 0.00	24.46 -0.01 0.00	33.18 -0.11 0.00	43.36 0.01 0.00	33.17 -0.03 0.00	33.93 0.27 0.00	28.23 0.35 0.00	26.66 0.20 0.00	24.63 0.14 0.00	26.44 0.18 0.00	23.38 0.13 0.00	24.49 0.18 0.00	29.63 0.18 0.00	30.80 0.35 0.00	39.53 0.54 0.00	35.85 0.60 0.00	27.39 0.37 0.00	22.91 0.35 0.00	21.46 0.49 0.00	21.00 0.54 0.00
CHERRYST_13_KV_LD 356241	24.12 1.35 0.00	22.17 1.28 0.00	19.68 1.05 0.00	16.85 0.92 0.00	18.34 1.06 0.00	25.96 1.49 0.00	35.45 2.16 0.00	46.27 2.92 0.00	35.59 2.39 0.00	36.06 2.40 0.00	29.93 2.05 0.00	28.35 1.89 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.32 2.01 0.00	31.87 2.42 0.00	32.87 2.42 0.00	42.08 3.09 0.00	38.13 2.88 0.00	29.13 2.11 0.00	24.32 1.77 0.00	22.42 1.45 0.00	21.59 1.14 0.00
CHESTROR_138KV_BK263 355645	23.79 1.02 0.00	21.86 0.97 0.00	19.43 0.80 0.00	16.63 0.71 0.00	18.11 0.83 0.00	25.65 1.17 0.00	34.96 1.67 0.00	45.61 2.26 0.00	34.99 1.79 0.00	35.38 1.72 0.00	29.34 1.45 0.00	27.78 1.32 0.00	25.79 1.30 0.00	27.66 1.40 0.00	24.53 1.27 0.00	25.73 1.42 0.00	31.21 1.76 0.00	32.26 1.81 0.00	41.41 2.41 0.00	37.46 2.21 0.00	28.64 1.62 0.00	23.89 1.34 0.00	22.04 1.07 0.00	21.31 0.86 0.00
CH_MIDHUDSON__DRP 24192	23.89 1.12 0.00	21.97 1.07 0.00	19.53 0.90 0.00	16.72 0.79 0.00	18.20 0.93 0.00	25.76 1.28 0.00	35.10 1.81 0.00	45.83 2.48 0.00	35.19 1.99 0.00	35.60 1.94 0.00	29.49 1.61 0.00	27.89 1.43 0.00	25.86 1.37 0.00	27.78 1.51 0.00	24.66 1.40 0.00	25.88 1.56 0.00	31.38 1.93 0.00	32.47 2.02 0.00	41.68 2.69 0.00	37.74 2.49 0.00	28.85 1.83 0.00	24.06 1.51 0.00	22.17 1.20 0.00	21.41 0.96 0.00

CH_MISC_IPPS 23765	24.05 1.28 0.00	22.10 1.21 0.00	19.65 1.01 0.00	16.81 0.89 0.00	18.32 1.04 0.00	25.94 1.46 0.00	35.37 2.08 0.00	46.19 2.84 0.00	35.43 2.24 0.00	35.84 2.18 0.00	29.70 1.81 0.00	28.10 1.64 0.00	26.06 1.57 0.00	27.97 1.70 0.00	24.81 1.56 0.00	26.04 1.73 0.00	31.59 2.14 0.00	32.69 2.24 0.00	42.00 3.01 0.00	38.03 2.78 0.00	29.06 2.04 0.00	24.23 1.67 0.00	22.32 1.35 0.00	21.56 1.10 0.00
CH_RES_BVR_FALLS 23983	22.61 -0.17 0.00	20.75 -0.15 0.00	18.53 -0.10 0.00	15.84 -0.09 0.00	17.16 -0.12 0.00	24.30 -0.17 0.00	33.00 -0.29 0.00	42.98 -0.37 0.00	32.92 -0.28 0.00	33.44 -0.22 0.00	27.71 -0.18 0.00	26.32 -0.14 0.00	24.34 -0.16 0.00	26.11 -0.15 0.00	23.12 -0.13 0.00	24.14 -0.17 0.00	29.23 -0.22 0.00	30.19 -0.26 0.00	38.59 -0.40 0.00	34.87 -0.38 0.00	26.76 -0.26 0.00	22.33 -0.22 0.00	20.80 -0.17 0.00	20.25 -0.20 0.00
CH_RES_NIAGARA 23895	21.79 -0.98 0.00	19.87 -1.03 0.00	17.71 -0.93 0.00	15.18 -0.74 0.00	16.43 -0.85 0.00	23.58 -0.89 0.00	31.70 -1.59 0.00	40.86 -2.49 0.00	31.29 -1.91 0.00	32.07 -1.59 0.00	26.68 -1.20 0.00	25.30 -1.16 0.00	23.36 -1.13 0.00	25.01 -1.26 0.00	22.15 -1.10 0.00	23.10 -1.21 0.00	27.78 -1.67 0.00	28.93 -1.53 0.00	37.02 -1.98 0.00	33.60 -1.65 0.00	25.70 -1.32 0.00	21.72 -0.84 0.00	20.50 -0.47 0.00	20.22 -0.24 0.00
CH_RES_SYRACUSE 23985	22.70 -0.07 0.00	20.79 -0.10 0.00	18.52 -0.11 0.00	15.79 -0.14 0.00	17.14 -0.14 0.00	24.35 -0.12 0.00	33.22 -0.06 0.00	43.93 0.58 0.00	33.50 0.30 0.00	33.98 0.32 0.00	28.18 0.29 0.00	26.67 0.21 0.00	24.63 0.13 0.00	26.36 0.09 0.00	23.31 0.06 0.00	24.45 0.13 0.00	29.67 0.22 0.00	30.80 0.35 0.00	39.52 0.52 0.00	35.78 0.52 0.00	27.35 0.33 0.00	22.77 0.22 0.00	21.21 0.23 0.00	20.83 0.37 0.00
CLINTON_WT_PWR 323605	23.02 0.25 0.00	21.13 0.24 0.00	18.94 0.30 0.00	16.18 0.25 0.00	17.60 0.32 0.00	24.97 0.50 0.00	33.83 0.54 0.00	44.40 1.06 0.00	34.17 0.97 0.00	34.93 1.27 0.00	28.72 0.84 0.00	27.25 0.79 0.00	25.02 0.53 0.00	27.09 0.83 0.00	24.00 0.75 0.00	24.90 0.59 0.00	30.33 0.88 0.00	31.41 0.95 0.00	40.07 1.08 0.00	35.90 0.64 0.00	27.36 0.34 0.00	22.61 0.06 0.00	20.86 -0.12 0.00	20.21 -0.24 0.00
CLINTON__LFGE 323618	23.30 0.53 0.00	21.37 0.48 0.00	19.12 0.49 0.00	16.34 0.41 0.00	17.82 0.54 0.00	25.30 0.83 0.00	34.28 0.99 0.00	45.10 1.75 0.00	34.72 1.52 0.00	35.55 1.89 0.00	29.15 1.27 0.00	27.65 1.20 0.00	25.42 0.92 0.00	27.49 1.22 0.00	24.36 1.11 0.00	25.24 0.93 0.00	30.76 1.31 0.00	31.91 1.45 0.00	40.78 1.79 0.00	36.54 1.29 0.00	27.84 0.82 0.00	22.98 0.43 0.00	21.20 0.22 0.00	20.50 0.05 0.00
COBBLENY_34_KV_TB1 80064	22.46 -0.32 0.00	20.43 -0.47 0.00	18.17 -0.47 0.00	15.56 -0.36 0.00	16.87 -0.40 0.00	24.23 -0.25 0.00	32.76 -0.53 0.00	42.76 -0.59 0.00	32.83 -0.37 0.00	33.67 0.01 0.00	27.96 0.08 0.00	26.46 0.00 0.00	24.45 -0.04 0.00	26.18 -0.08 0.00	23.17 -0.08 0.00	24.19 -0.12 0.00	29.21 -0.24 0.00	30.40 -0.05 0.00	38.98 -0.02 0.00	35.39 0.14 0.00	27.04 0.02 0.00	22.72 0.16 0.00	21.26 0.28 0.00	20.81 0.36 0.00
COFFEEN__115KV_TB3 355620	22.51 -0.26 0.00	20.48 -0.42 0.00	18.45 -0.18 0.00	15.77 -0.16 0.00	17.02 -0.26 0.00	24.14 -0.34 0.00	33.52 0.23 0.00	43.62 0.27 0.00	33.45 0.25 0.00	33.82 0.16 0.00	27.55 -0.34 0.00	26.09 -0.37 0.00	24.12 -0.38 0.00	25.97 -0.29 0.00	22.76 -0.49 0.00	23.82 -0.49 0.00	29.29 -0.16 0.00	30.64 0.19 0.00	40.02 1.02 0.00	36.18 0.93 0.00	27.48 0.46 0.00	22.65 0.09 0.00	20.96 -0.02 0.00	20.74 0.29 0.00
COLDSPRG_115KV_BK1 355956	23.08 0.31 0.00	20.99 0.10 0.00	18.72 0.09 0.00	16.07 0.14 0.00	17.48 0.20 0.00	25.16 0.69 0.00	34.26 0.97 0.00	44.88 1.53 0.00	34.28 1.09 0.00	35.15 1.49 0.00	29.20 1.31 0.00	27.56 1.10 0.00	25.47 0.98 0.00	27.36 1.09 0.00	24.18 0.93 0.00	25.31 1.00 0.00	30.56 1.11 0.00	31.77 1.32 0.00	40.83 1.84 0.00	37.03 1.78 0.00	28.27 1.25 0.00	23.65 1.10 0.00	22.07 1.09 0.00	21.51 1.06 0.00
COLONIE_LFGE__ 323577	23.46 0.69 0.00	21.57 0.67 0.00	19.21 0.58 0.00	16.44 0.51 0.00	17.90 0.62 0.00	25.31 0.83 0.00	34.41 1.12 0.00	44.92 1.57 0.00	34.52 1.32 0.00	34.97 1.31 0.00	28.85 0.96 0.00	27.25 0.79 0.00	25.22 0.73 0.00	27.12 0.86 0.00	24.03 0.78 0.00	25.16 0.85 0.00	30.51 1.06 0.00	31.64 1.19 0.00	40.71 1.72 0.00	36.76 1.51 0.00	28.16 1.14 0.00	23.51 0.96 0.00	21.70 0.72 0.00	20.99 0.53 0.00
COOPERNY_115KV_TB1 80082	23.60 0.82 0.00	21.67 0.77 0.00	19.28 0.64 0.00	16.50 0.57 0.00	17.95 0.67 0.00	25.42 0.94 0.00	34.63 1.34 0.00	45.17 1.81 0.00	34.61 1.41 0.00	35.03 1.37 0.00	29.04 1.15 0.00	27.51 1.05 0.00	25.52 1.03 0.00	27.37 1.10 0.00	24.26 1.01 0.00	25.41 1.10 0.00	30.81 1.36 0.00	31.85 1.40 0.00	40.87 1.87 0.00	36.99 1.73 0.00	28.29 1.27 0.00	23.59 1.04 0.00	21.82 0.85 0.00	21.14 0.69 0.00
COPENHAGEN_WT_PWR 323753	22.23 -0.55 0.00	20.20 -0.70 0.00	18.23 -0.40 0.00	15.60 -0.33 0.00	16.81 -0.46 0.00	23.77 -0.70 0.00	33.04 -0.24 0.00	42.96 -0.40 0.00	32.98 -0.22 0.00	33.31 -0.36 0.00	27.10 -0.78 0.00	25.77 -0.68 0.00	23.93 -0.57 0.00	25.67 -0.59 0.00	22.54 -0.71 0.00	23.63 -0.68 0.00	29.09 -0.36 0.00	30.41 -0.04 0.00	39.58 0.58 0.00	35.74 0.49 0.00	27.12 0.10 0.00	22.33 -0.22 0.00	20.66 -0.31 0.00	20.53 0.08 0.00
CORNELL____ 23752	23.06 0.29 0.00	21.07 0.18 0.00	18.75 0.11 0.00	16.00 0.07 0.00	17.37 0.09 0.00	24.76 0.28 0.00	33.84 0.55 0.00	44.55 1.19 0.00	33.99 0.80 0.00	34.47 0.81 0.00	28.53 0.64 0.00	27.05 0.60 0.00	25.00 0.51 0.00	26.75 0.48 0.00	23.68 0.43 0.00	25.00 0.69 0.00	30.36 0.91 0.00	31.53 1.07 0.00	40.51 1.52 0.00	36.69 1.43 0.00	28.04 1.02 0.00	23.34 0.78 0.00	21.67 0.69 0.00	21.17 0.71 0.00
CORONAAV_69_KV_TB1 355595	24.23 1.45 0.00	22.22 1.33 0.00	19.74 1.11 0.00	16.90 0.98 0.00	18.41 1.13 0.00	26.07 1.60 0.00	35.31 2.03 0.00	45.96 2.60 0.00	35.42 2.22 0.00	35.80 2.14 0.00	29.87 1.98 0.00	28.37 1.89 -0.03	26.37 1.85 -0.03	28.23 1.96 -0.01	25.13 1.88 0.00	26.47 2.14 -0.02	31.97 2.52 0.00	32.84 2.38 0.00	41.95 2.96 0.00	38.09 2.84 0.00	29.15 2.13 0.00	24.42 1.86 0.00	57.69 1.61 -35.10	21.70 1.24 0.00
CORTLAND_115KV_TB3 80093	22.88 0.11 0.00	20.92 0.03 0.00	18.63 -0.01 0.00	15.90 -0.03 0.00	17.25 -0.03 0.00	24.56 0.08 0.00	33.54 0.26 0.00	44.02 0.67 0.00	33.62 0.42 0.00	34.09 0.43 0.00	28.22 0.34 0.00	26.76 0.30 0.00	24.73 0.24 0.00	26.47 0.21 0.00	23.43 0.17 0.00	24.71 0.40 0.00	30.00 0.54 0.00	31.11 0.65 0.00	39.92 0.93 0.00	36.13 0.88 0.00	27.63 0.61 0.00	23.02 0.47 0.00	21.38 0.41 0.00	20.90 0.45 0.00

COXSACKIE___GT 23611	24.13 1.36 0.00	22.16 1.27 0.00	19.77 1.13 0.00	16.92 0.99 0.00	18.45 1.17 0.00	26.12 1.65 0.00	35.83 2.54 0.00	47.19 3.84 0.00	37.46 4.27 0.00	37.77 4.11 0.00	30.86 2.97 0.00	28.79 2.33 0.00	26.32 1.83 0.00	27.96 1.70 0.00	24.89 1.64 0.00	25.64 1.32 0.00	31.28 1.83 0.00	32.66 2.21 0.00	42.12 3.13 0.00	37.99 2.73 0.00	29.03 2.00 0.00	24.19 1.64 0.00	22.24 1.26 0.00	21.44 0.99 0.00
CPV_VALLEY___CC1 323721	23.72 0.95 0.00	21.79 0.89 0.00	19.37 0.74 0.00	16.58 0.66 0.00	18.05 0.77 0.00	25.56 1.09 0.00	34.83 1.54 0.00	45.45 2.10 0.00	34.84 1.64 0.00	35.25 1.59 0.00	29.22 1.34 0.00	27.67 1.22 0.00	25.69 1.20 0.00	27.56 1.29 0.00	24.44 1.19 0.00	25.63 1.31 0.00	31.06 1.62 0.00	32.11 1.65 0.00	41.21 2.21 0.00	37.27 2.03 0.00	28.50 1.48 0.00	23.78 1.23 0.00	21.96 0.98 0.00	21.24 0.79 0.00
CPV_VALLEY___CC2 323722	23.72 0.95 0.00	21.79 0.89 0.00	19.37 0.74 0.00	16.58 0.66 0.00	18.05 0.77 0.00	25.56 1.09 0.00	34.83 1.54 0.00	45.45 2.10 0.00	34.84 1.64 0.00	35.25 1.59 0.00	29.22 1.34 0.00	27.67 1.22 0.00	25.69 1.20 0.00	27.56 1.29 0.00	24.44 1.19 0.00	25.63 1.31 0.00	31.06 1.62 0.00	32.11 1.65 0.00	41.21 2.21 0.00	37.27 2.03 0.00	28.50 1.48 0.00	23.78 1.23 0.00	21.96 0.98 0.00	21.24 0.79 0.00
CRESCENT___HYD 24018	23.46 0.69 0.00	21.57 0.67 0.00	19.21 0.58 0.00	16.44 0.51 0.00	17.90 0.62 0.00	25.31 0.83 0.00	34.41 1.12 0.00	44.92 1.57 0.00	34.52 1.32 0.00	34.97 1.31 0.00	28.85 0.96 0.00	27.25 0.79 0.00	25.22 0.73 0.00	27.12 0.86 0.00	24.03 0.78 0.00	25.16 0.85 0.00	30.51 1.06 0.00	31.64 1.19 0.00	40.71 1.72 0.00	36.76 1.51 0.00	28.16 1.14 0.00	23.51 0.96 0.00	21.70 0.72 0.00	20.99 0.53 0.00
CRICKET___VALLEY_CC1 323756	23.64 0.87 0.00	21.76 0.87 0.00	19.35 0.71 0.00	16.57 0.64 0.00	18.06 0.78 0.00	25.53 1.06 0.00	34.69 1.40 0.00	45.29 1.94 0.00	34.84 1.64 0.00	35.24 1.58 0.00	29.16 1.28 0.00	27.53 1.07 0.00	25.52 1.02 0.00	27.43 1.16 0.00	24.36 1.11 0.00	25.56 1.25 0.00	31.00 1.55 0.00	32.09 1.64 0.00	41.28 2.28 0.00	37.35 2.09 0.00	28.55 1.52 0.00	23.81 1.25 0.00	21.93 0.96 0.00	21.18 0.73 0.00
CRICKET___VALLEY_CC2 323757	23.64 0.87 0.00	21.76 0.87 0.00	19.35 0.71 0.00	16.57 0.64 0.00	18.06 0.78 0.00	25.53 1.06 0.00	34.69 1.40 0.00	45.29 1.94 0.00	34.84 1.64 0.00	35.24 1.58 0.00	29.16 1.28 0.00	27.53 1.07 0.00	25.52 1.02 0.00	27.43 1.16 0.00	24.36 1.11 0.00	25.56 1.25 0.00	31.00 1.55 0.00	32.09 1.64 0.00	41.28 2.28 0.00	37.35 2.09 0.00	28.55 1.52 0.00	23.81 1.25 0.00	21.93 0.96 0.00	21.18 0.73 0.00
CRICKET___VALLEY_CC3 323758	23.64 0.87 0.00	21.76 0.87 0.00	19.35 0.71 0.00	16.57 0.64 0.00	18.06 0.78 0.00	25.53 1.06 0.00	34.69 1.40 0.00	45.29 1.94 0.00	34.84 1.64 0.00	35.24 1.58 0.00	29.16 1.28 0.00	27.53 1.07 0.00	25.52 1.02 0.00	27.43 1.16 0.00	24.36 1.11 0.00	25.56 1.25 0.00	31.00 1.55 0.00	32.09 1.64 0.00	41.28 2.28 0.00	37.35 2.09 0.00	28.55 1.52 0.00	23.81 1.25 0.00	21.93 0.96 0.00	21.18 0.73 0.00
CRUCIBLE_METL_DRP 24180	22.70 -0.07 0.00	20.79 -0.10 0.00	18.52 -0.11 0.00	15.79 -0.14 0.00	17.14 -0.14 0.00	24.35 -0.12 0.00	33.22 -0.06 0.00	43.92 0.57 0.00	33.50 0.30 0.00	33.99 0.33 0.00	28.18 0.29 0.00	26.67 0.21 0.00	24.63 0.13 0.00	26.36 0.09 0.00	23.31 0.06 0.00	24.45 0.13 0.00	29.67 0.22 0.00	30.80 0.35 0.00	39.52 0.52 0.00	35.78 0.52 0.00	27.35 0.33 0.00	22.78 0.23 0.00	21.21 0.23 0.00	20.83 0.38 0.00
DAHOWA___HYDRO 323763	23.70 0.93 0.00	21.78 0.89 0.00	19.40 0.76 0.00	16.60 0.67 0.00	18.09 0.82 0.00	25.66 1.18 0.00	34.91 1.63 0.00	45.64 2.29 0.00	35.10 1.91 0.00	35.61 1.95 0.00	29.39 1.50 0.00	27.71 1.25 0.00	25.57 1.08 0.00	27.53 1.26 0.00	24.39 1.14 0.00	25.53 1.21 0.00	30.97 1.52 0.00	32.20 1.75 0.00	41.53 2.54 0.00	37.50 2.25 0.00	28.68 1.66 0.00	23.91 1.35 0.00	22.03 1.05 0.00	21.27 0.81 0.00
DANC___LFGE 323619	22.27 -0.50 0.00	20.30 -0.59 0.00	18.23 -0.41 0.00	15.58 -0.35 0.00	16.83 -0.45 0.00	23.84 -0.63 0.00	32.91 -0.38 0.00	42.77 -0.58 0.00	32.82 -0.38 0.00	33.18 -0.48 0.00	27.17 -0.72 0.00	25.82 -0.64 0.00	23.92 -0.57 0.00	25.65 -0.61 0.00	22.58 -0.67 0.00	23.64 -0.68 0.00	28.94 -0.51 0.00	30.16 -0.29 0.00	39.05 0.05 0.00	35.30 0.05 0.00	26.88 -0.14 0.00	22.24 -0.31 0.00	20.61 -0.36 0.00	20.39 -0.06 0.00
DANSKAMMER___1 23586	24.05 1.28 0.00	22.10 1.21 0.00	19.65 1.01 0.00	16.81 0.89 0.00	18.32 1.04 0.00	25.94 1.46 0.00	35.37 2.08 0.00	46.19 2.84 0.00	35.43 2.24 0.00	35.84 2.18 0.00	29.70 1.81 0.00	28.10 1.64 0.00	26.06 1.57 0.00	27.97 1.70 0.00	24.81 1.56 0.00	26.04 1.73 0.00	31.59 2.14 0.00	32.69 2.24 0.00	42.00 3.01 0.00	38.03 2.78 0.00	29.06 2.04 0.00	24.23 1.67 0.00	22.32 1.35 0.00	21.56 1.10 0.00
DANSKAMMER___2 23589	24.05 1.28 0.00	22.10 1.21 0.00	19.65 1.01 0.00	16.81 0.89 0.00	18.32 1.04 0.00	25.94 1.46 0.00	35.37 2.08 0.00	46.19 2.84 0.00	35.43 2.24 0.00	35.84 2.18 0.00	29.70 1.81 0.00	28.10 1.64 0.00	26.06 1.57 0.00	27.97 1.70 0.00	24.81 1.56 0.00	26.04 1.73 0.00	31.59 2.14 0.00	32.69 2.24 0.00	42.00 3.01 0.00	38.03 2.78 0.00	29.06 2.04 0.00	24.23 1.67 0.00	22.32 1.35 0.00	21.56 1.10 0.00
DANSKAMMER___3 23590	24.05 1.28 0.00	22.10 1.21 0.00	19.65 1.01 0.00	16.81 0.89 0.00	18.32 1.04 0.00	25.94 1.46 0.00	35.37 2.08 0.00	46.19 2.84 0.00	35.43 2.24 0.00	35.84 2.18 0.00	29.70 1.81 0.00	28.10 1.64 0.00	26.06 1.57 0.00	27.97 1.70 0.00	24.81 1.56 0.00	26.04 1.73 0.00	31.59 2.14 0.00	32.69 2.24 0.00	42.00 3.01 0.00	38.03 2.78 0.00	29.06 2.04 0.00	24.23 1.67 0.00	22.32 1.35 0.00	21.56 1.10 0.00
DANSKAMMER___4 23591	24.05 1.28 0.00	22.10 1.21 0.00	19.65 1.01 0.00	16.81 0.89 0.00	18.32 1.04 0.00	25.94 1.46 0.00	35.37 2.08 0.00	46.19 2.84 0.00	35.43 2.24 0.00	35.84 2.18 0.00	29.70 1.81 0.00	28.10 1.64 0.00	26.06 1.57 0.00	27.97 1.70 0.00	24.81 1.56 0.00	26.04 1.73 0.00	31.59 2.14 0.00	32.69 2.24 0.00	42.00 3.01 0.00	38.03 2.78 0.00	29.06 2.04 0.00	24.23 1.67 0.00	22.32 1.35 0.00	21.56 1.10 0.00
DANSKAMMER___DIESEL 23592	24.05 1.28 0.00	22.10 1.21 0.00	19.65 1.01 0.00	16.81 0.89 0.00	18.32 1.04 0.00	25.94 1.46 0.00	35.37 2.08 0.00	46.20 2.84 0.00	35.43 2.24 0.00	35.83 2.17 0.00	29.70 1.81 0.00	28.10 1.64 0.00	26.06 1.57 0.00	27.97 1.70 0.00	24.81 1.56 0.00	26.05 1.73 0.00	31.59 2.14 0.00	32.69 2.24 0.00	42.00 3.01 0.00	38.03 2.77 0.00	29.06 2.03 0.00	24.22 1.67 0.00	22.32 1.35 0.00	21.56 1.10 0.00

DARBY___SOLAR 323810	23.66 0.89 0.00	21.74 0.85 0.00	19.36 0.73 0.00	16.57 0.65 0.00	18.06 0.78 0.00	25.59 1.12 0.00	34.83 1.55 0.00	45.52 2.17 0.00	35.00 1.80 0.00	35.50 1.84 0.00	29.31 1.42 0.00	27.65 1.19 0.00	25.53 1.04 0.00	27.47 1.20 0.00	24.35 1.10 0.00	25.48 1.16 0.00	30.90 1.45 0.00	32.12 1.67 0.00	41.38 2.39 0.00	37.37 2.12 0.00	28.59 1.56 0.00	23.84 1.28 0.00	21.97 0.99 0.00	21.23 0.77 0.00
DASHVILLE___HYD 23610	23.84 1.07 0.00	21.91 1.02 0.00	19.50 0.86 0.00	16.69 0.76 0.00	18.17 0.89 0.00	25.70 1.22 0.00	35.03 1.74 0.00	45.74 2.39 0.00	35.01 1.82 0.00	35.43 1.77 0.00	29.36 1.47 0.00	27.76 1.30 0.00	25.74 1.24 0.00	27.66 1.39 0.00	24.53 1.28 0.00	25.75 1.44 0.00	31.23 1.77 0.00	32.32 1.86 0.00	41.49 2.49 0.00	37.58 2.33 0.00	28.73 1.71 0.00	23.96 1.41 0.00	22.12 1.15 0.00	21.37 0.92 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	24.78 2.01 0.00	22.69 1.79 0.00	20.18 1.55 0.00	17.32 1.39 0.00	18.84 1.56 0.00	26.65 2.17 0.00	36.19 2.90 0.00	46.96 3.62 0.00	36.66 3.46 0.00	36.99 3.32 0.00	30.85 2.97 0.00	29.38 2.92 0.00	27.43 2.93 0.00	29.35 3.09 0.00	26.21 2.96 0.00	27.60 3.29 0.00	33.55 4.10 0.00	34.58 4.13 0.00	43.91 4.91 0.00	39.93 4.67 0.00	30.48 3.46 0.00	25.52 2.96 0.00	20.09 2.23 3.11	22.22 1.77 0.00
DELAWARE___LFGE 323621	23.49 0.72 0.00	21.57 0.67 0.00	19.23 0.60 0.00	16.45 0.52 0.00	17.89 0.61 0.00	25.31 0.84 0.00	34.50 1.22 0.00	45.03 1.68 0.00	34.47 1.28 0.00	34.95 1.29 0.00	28.96 1.08 0.00	27.40 0.94 0.00	25.39 0.89 0.00	27.24 0.98 0.00	24.14 0.89 0.00	25.20 0.89 0.00	30.56 1.11 0.00	31.65 1.19 0.00	40.56 1.57 0.00	36.69 1.44 0.00	28.09 1.07 0.00	23.43 0.88 0.00	21.69 0.72 0.00	21.06 0.61 0.00
DERFIELD_115KV_TB7 355931	22.83 0.06 0.00	20.96 0.06 0.00	18.69 0.05 0.00	15.98 0.05 0.00	17.33 0.05 0.00	24.55 0.07 0.00	33.42 0.13 0.00	43.52 0.16 0.00	33.32 0.12 0.00	33.76 0.10 0.00	27.95 0.06 0.00	26.51 0.05 0.00	24.57 0.08 0.00	26.33 0.07 0.00	23.31 0.06 0.00	24.39 0.08 0.00	29.57 0.12 0.00	30.60 0.15 0.00	39.21 0.22 0.00	35.44 0.18 0.00	27.15 0.13 0.00	22.65 0.09 0.00	21.05 0.08 0.00	20.53 0.07 0.00
DOGLEVILLE___HYD 23807	23.30 0.53 0.00	21.43 0.53 0.00	19.07 0.43 0.00	16.29 0.36 0.00	17.75 0.47 0.00	25.17 0.70 0.00	34.20 0.92 0.00	44.83 1.48 0.00	34.15 0.95 0.00	34.64 0.98 0.00	28.62 0.73 0.00	26.84 0.38 0.00	24.75 0.25 0.00	26.57 0.31 0.00	23.52 0.27 0.00	24.55 0.24 0.00	30.14 0.69 0.00	31.37 0.92 0.00	40.46 1.46 0.00	36.62 1.37 0.00	27.95 0.93 0.00	23.35 0.80 0.00	21.68 0.70 0.00	20.89 0.44 0.00
DUNKIRK___115KV_TB_200 55889	22.47 -0.30 0.00	20.42 -0.47 0.00	18.20 -0.43 0.00	15.62 -0.31 0.00	16.97 -0.31 0.00	24.42 -0.05 0.00	33.09 -0.19 0.00	43.25 -0.10 0.00	33.10 -0.10 0.00	33.89 0.23 0.00	28.18 0.29 0.00	26.61 0.15 0.00	24.60 0.10 0.00	26.39 0.13 0.00	23.34 0.09 0.00	24.41 0.10 0.00	29.56 0.11 0.00	30.72 0.27 0.00	39.42 0.42 0.00	35.76 0.50 0.00	27.32 0.30 0.00	22.89 0.34 0.00	21.41 0.44 0.00	20.95 0.50 0.00
DUNKIRK___1 23563	22.47 -0.30 0.00	20.42 -0.47 0.00	18.20 -0.43 0.00	15.62 -0.31 0.00	16.97 -0.31 0.00	24.42 -0.05 0.00	33.09 -0.19 0.00	43.25 -0.10 0.00	33.10 -0.10 0.00	33.89 0.23 0.00	28.18 0.29 0.00	26.61 0.15 0.00	24.60 0.10 0.00	26.39 0.13 0.00	23.34 0.09 0.00	24.41 0.10 0.00	29.56 0.11 0.00	30.72 0.27 0.00	39.42 0.42 0.00	35.76 0.50 0.00	27.32 0.30 0.00	22.89 0.34 0.00	21.41 0.44 0.00	20.95 0.50 0.00
DUNKIRK___2 23564	22.47 -0.30 0.00	20.42 -0.47 0.00	18.20 -0.43 0.00	15.62 -0.31 0.00	16.97 -0.31 0.00	24.42 -0.05 0.00	33.09 -0.19 0.00	43.25 -0.10 0.00	33.10 -0.10 0.00	33.89 0.23 0.00	28.18 0.29 0.00	26.61 0.15 0.00	24.60 0.10 0.00	26.39 0.13 0.00	23.34 0.09 0.00	24.41 0.10 0.00	29.56 0.11 0.00	30.72 0.27 0.00	39.42 0.42 0.00	35.76 0.50 0.00	27.32 0.30 0.00	22.89 0.34 0.00	21.41 0.44 0.00	20.95 0.50 0.00
DUNKIRK___3 23565	22.48 -0.30 0.00	20.43 -0.46 0.00	18.19 -0.44 0.00	15.61 -0.32 0.00	16.95 -0.33 0.00	24.36 -0.12 0.00	32.99 -0.30 0.00	43.10 -0.25 0.00	33.00 -0.20 0.00	33.79 0.13 0.00	28.08 0.20 0.00	26.54 0.08 0.00	24.53 0.04 0.00	26.31 0.04 0.00	23.28 0.02 0.00	24.33 0.02 0.00	29.44 -0.01 0.00	30.60 0.14 0.00	39.25 0.26 0.00	35.60 0.35 0.00	27.20 0.17 0.00	22.78 0.22 0.00	21.30 0.33 0.00	20.84 0.39 0.00
DUNKIRK___4 23566	22.48 -0.30 0.00	20.43 -0.46 0.00	18.19 -0.44 0.00	15.61 -0.32 0.00	16.95 -0.33 0.00	24.36 -0.12 0.00	32.99 -0.30 0.00	43.10 -0.25 0.00	33.00 -0.20 0.00	33.79 0.13 0.00	28.08 0.20 0.00	26.54 0.08 0.00	24.53 0.04 0.00	26.31 0.04 0.00	23.28 0.02 0.00	24.33 0.02 0.00	29.44 -0.01 0.00	30.60 0.14 0.00	39.25 0.26 0.00	35.63 0.37 0.00	27.22 0.20 0.00	22.84 0.28 0.00	21.36 0.39 0.00	20.91 0.46 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	24.00 1.22 0.00	22.06 1.16 0.00	19.58 0.95 0.00	16.77 0.84 0.00	18.26 0.98 0.00	25.84 1.36 0.00	35.22 1.93 0.00	45.96 2.61 0.00	35.34 2.14 0.00	35.77 2.11 0.00	29.68 1.80 0.00	28.11 1.65 0.00	26.09 1.60 0.00	28.02 1.75 0.00	24.88 1.62 0.00	26.11 1.79 0.00	31.63 2.18 0.00	32.64 2.19 0.00	41.83 2.84 0.00	37.89 2.64 0.00	28.96 1.94 0.00	24.17 1.62 0.00	22.27 1.30 0.00	21.49 1.04 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.91 1.14 0.00	21.97 1.07 0.00	19.53 0.90 0.00	16.71 0.79 0.00	18.20 0.92 0.00	25.78 1.30 0.00	35.15 1.86 0.00	45.89 2.54 0.00	35.18 1.98 0.00	35.57 1.91 0.00	29.48 1.59 0.00	27.91 1.45 0.00	25.89 1.41 0.00	27.78 1.52 0.00	24.64 1.39 0.00	25.86 1.55 0.00	31.37 1.91 0.00	32.44 1.99 0.00	41.68 2.68 0.00	37.72 2.47 0.00	28.83 1.80 0.00	24.04 1.48 0.00	22.18 1.20 0.00	21.43 0.98 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	24.08 1.31 0.00	22.15 1.26 0.00	19.68 1.04 0.00	16.83 0.91 0.00	18.32 1.04 0.00	25.84 1.36 0.00	35.33 2.05 0.00	46.18 2.83 0.00	35.53 2.34 0.00	35.92 2.26 0.00	29.81 1.93 0.00	28.21 1.76 0.00	26.18 1.69 0.00	28.10 1.83 0.00	24.97 1.72 0.00	26.19 1.88 0.00	31.73 2.28 0.00	32.75 2.30 0.00	42.00 3.01 0.00	38.07 2.81 0.00	29.53 2.07 -0.45	24.27 1.71 0.00	22.35 1.38 0.00	21.54 1.09 0.00
E179THST_13_KV_LOAD 356214	24.17 1.40 0.00	22.23 1.34 0.00	19.75 1.11 0.00	16.89 0.96 0.00	18.38 1.10 0.00	25.93 1.46 0.00	35.47 2.18 0.00	46.37 3.02 0.00	35.69 2.49 0.00	36.07 2.41 0.00	29.95 2.07 0.00	28.34 1.88 0.00	26.29 1.80 0.00	28.23 1.96 0.00	25.08 1.83 0.00	26.31 2.00 0.00	31.87 2.42 0.00	32.92 2.46 0.00	42.20 3.21 0.00	38.25 2.99 -0.45	29.67 2.21 0.00	24.37 1.82 0.00	22.45 1.47 0.00	21.63 1.17 0.00

EAST HAMPTON___GT 23717	25.00 2.22 0.00	22.88 1.98 0.00	20.34 1.71 0.00	17.46 1.54 0.00	19.00 1.72 0.00	26.90 2.43 0.00	36.54 3.26 0.00	47.40 4.05 0.00	37.13 3.93 0.00	37.44 3.78 0.00	31.23 3.34 0.00	29.73 3.27 0.00	27.74 3.25 0.00	29.69 3.42 0.00	26.50 3.25 0.00	27.92 3.61 0.00	33.97 4.52 0.00	35.04 4.58 0.00	44.46 5.47 0.00	40.43 5.17 0.00	30.87 3.84 0.00	25.87 3.32 0.00	20.26 2.40 3.11	22.41 1.96 0.00
EAST RIVER___6 23660	24.06 1.29 0.00	22.11 1.22 0.00	19.63 0.99 0.00	16.80 0.87 0.00	18.28 1.01 0.00	25.88 1.41 0.00	35.36 2.08 0.00	46.17 2.81 0.00	35.52 2.32 0.00	36.00 2.34 0.00	29.88 2.00 0.00	28.31 1.85 0.00	26.28 1.79 0.00	28.23 1.96 0.00	25.07 1.82 0.00	26.29 1.98 0.00	31.83 2.38 0.00	32.82 2.36 0.00	42.01 3.02 0.00	38.08 2.83 0.00	29.08 2.06 0.00	24.29 1.74 0.00	22.37 1.40 0.00	21.55 1.10 0.00
EAST RIVER___7 23524	24.06 1.29 0.00	22.11 1.22 0.00	19.63 0.99 0.00	16.80 0.87 0.00	18.28 1.01 0.00	25.88 1.41 0.00	35.36 2.08 0.00	46.17 2.81 0.00	35.52 2.32 0.00	36.00 2.34 0.00	29.88 2.00 0.00	28.31 1.85 0.00	26.28 1.79 0.00	28.23 1.96 0.00	25.07 1.82 0.00	26.29 1.98 0.00	31.83 2.38 0.00	32.82 2.36 0.00	42.01 3.02 0.00	38.08 2.83 0.00	29.08 2.06 0.00	24.29 1.74 0.00	22.37 1.40 0.00	21.55 1.10 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.96 1.19 0.00	22.02 1.13 0.00	19.56 0.92 0.00	16.74 0.82 0.00	18.23 0.95 0.00	25.80 1.33 0.00	35.17 1.89 0.00	45.90 2.55 0.00	35.28 2.08 0.00	35.70 2.04 0.00	29.62 1.73 0.00	28.05 1.59 0.00	26.04 1.55 0.00	27.96 1.69 0.00	24.82 1.57 0.00	26.05 1.73 0.00	31.56 2.11 0.00	32.58 2.13 0.00	41.78 2.78 0.00	37.83 2.58 0.00	28.91 1.89 0.00	24.13 1.58 0.00	22.24 1.26 0.00	21.45 1.00 0.00
EAST_HAMPTON___DIESEL 23722	25.00 2.22 0.00	22.88 1.99 0.00	20.35 1.71 0.00	17.46 1.54 0.00	19.00 1.73 0.00	26.91 2.43 0.00	36.55 3.26 0.00	47.40 4.05 0.00	37.13 3.93 0.00	37.45 3.79 0.00	31.24 3.35 0.00	29.74 3.28 0.00	27.74 3.25 0.00	29.70 3.43 0.00	26.51 3.26 0.00	27.93 3.62 0.00	33.97 4.52 0.00	35.04 4.59 0.00	44.47 5.48 0.00	40.43 5.18 0.00	30.87 3.85 0.00	25.87 3.32 0.00	20.27 2.40 3.11	22.41 1.96 0.00
EAST_PULASKI___ESR 323781	22.37 -0.40 0.00	20.45 -0.44 0.00	18.27 -0.36 0.00	15.60 -0.33 0.00	16.89 -0.39 0.00	23.97 -0.50 0.00	32.83 -0.46 0.00	42.68 -0.68 0.00	32.69 -0.51 0.00	33.10 -0.56 0.00	27.24 -0.64 0.00	25.87 -0.59 0.00	23.95 -0.55 0.00	25.66 -0.60 0.00	22.61 -0.64 0.00	23.67 -0.65 0.00	28.79 -0.66 0.00	29.93 -0.52 0.00	38.56 -0.43 0.00	34.87 -0.39 0.00	26.65 -0.37 0.00	22.16 -0.39 0.00	20.59 -0.38 0.00	20.29 -0.16 0.00
EAST_RIVER___1 323558	24.07 1.30 0.00	22.13 1.24 0.00	19.65 1.01 0.00	16.81 0.89 0.00	18.30 1.02 0.00	25.90 1.42 0.00	35.36 2.08 0.00	46.16 2.81 0.00	35.50 2.30 0.00	35.97 2.31 0.00	29.85 1.97 0.00	28.27 1.82 0.00	26.25 1.75 0.00	28.19 1.92 0.00	25.04 1.78 0.00	26.25 1.94 0.00	31.78 2.33 0.00	32.78 2.33 0.00	41.96 2.97 0.00	38.04 2.78 0.00	29.06 2.04 0.00	24.28 1.72 0.00	22.37 1.40 0.00	21.55 1.10 0.00
EAST_RIVER___2 323559	24.06 1.29 0.00	22.11 1.22 0.00	19.63 0.99 0.00	16.80 0.87 0.00	18.28 1.01 0.00	25.88 1.41 0.00	35.36 2.08 0.00	46.17 2.81 0.00	35.52 2.32 0.00	36.00 2.34 0.00	29.88 2.00 0.00	28.31 1.85 0.00	26.28 1.79 0.00	28.23 1.96 0.00	25.07 1.82 0.00	26.29 1.98 0.00	31.83 2.38 0.00	32.82 2.36 0.00	42.01 3.02 0.00	38.08 2.83 0.00	29.08 2.06 0.00	24.29 1.74 0.00	22.37 1.40 0.00	21.55 1.10 0.00
EAST___DELAWARE_HYD 23607	24.23 1.46 0.00	22.25 1.35 0.00	19.79 1.15 0.00	16.94 1.01 0.00	18.44 1.16 0.00	26.13 1.65 0.00	35.68 2.40 0.00	46.59 3.24 0.00	35.47 2.27 0.00	35.85 2.19 0.00	29.65 1.77 0.00	28.04 1.58 0.00	26.03 1.54 0.00	27.88 1.62 0.00	24.68 1.43 0.00	25.94 1.63 0.00	31.53 2.08 0.00	32.70 2.25 0.00	42.16 3.17 0.00	38.11 2.86 0.00	29.17 2.15 0.00	24.28 1.73 0.00	22.56 1.58 0.00	21.81 1.36 0.00
EIGHT_POINT___WT_PWR 323820	22.65 -0.12 0.00	20.77 -0.12 0.00	18.22 -0.41 0.00	15.45 -0.48 0.00	16.92 -0.36 0.00	24.10 -0.38 0.00	32.68 -0.61 0.00	42.79 -0.56 0.00	32.87 -0.33 0.00	33.74 0.08 0.00	28.09 0.20 0.00	26.59 0.13 0.00	24.49 0.00 0.00	26.19 -0.07 0.00	23.25 -0.01 0.00	24.50 0.19 0.00	29.85 0.40 0.00	31.10 0.65 0.00	40.06 1.06 0.00	36.33 1.08 0.00	27.77 0.75 0.00	23.18 0.63 0.00	21.62 0.65 0.00	21.13 0.68 0.00
ELBRIDGE_115KV_TB2 80188	22.57 -0.20 0.00	20.66 -0.23 0.00	18.42 -0.22 0.00	15.72 -0.20 0.00	17.06 -0.22 0.00	24.24 -0.24 0.00	33.12 -0.16 0.00	44.35 1.00 0.00	33.76 0.57 0.00	34.30 0.64 0.00	28.44 0.55 0.00	26.92 0.47 0.00	24.81 0.32 0.00	26.55 0.28 0.00	23.50 0.25 0.00	24.65 0.34 0.00	29.94 0.49 0.00	31.13 0.67 0.00	39.94 0.95 0.00	36.19 0.94 0.00	27.63 0.61 0.00	23.00 0.44 0.00	21.40 0.43 0.00	21.02 0.56 0.00
ELEC_TRO_TEK 24086	24.09 1.32 0.00	22.11 1.21 0.00	19.65 1.01 0.00	16.82 0.90 0.00	18.32 1.04 0.00	25.93 1.45 0.00	35.18 1.89 0.00	45.80 2.45 0.00	35.33 2.13 0.00	35.71 2.05 0.00	29.80 1.91 0.00	28.28 1.81 -0.01	26.29 1.79 -0.01	28.16 1.89 0.00	25.08 1.83 0.00	26.37 2.04 -0.01	31.88 2.43 0.00	32.77 2.32 0.00	41.86 2.86 0.00	37.99 2.74 0.00	29.06 2.04 0.00	24.33 1.77 0.00	36.02 1.49 -13.56	21.57 1.11 0.00
ELLENBURG_WT_PWR 323604	23.02 0.25 0.00	21.13 0.24 0.00	18.94 0.30 0.00	16.18 0.25 0.00	17.60 0.32 0.00	24.97 0.50 0.00	33.83 0.54 0.00	44.40 1.06 0.00	34.17 0.97 0.00	34.93 1.27 0.00	28.72 0.84 0.00	27.25 0.79 0.00	25.02 0.53 0.00	27.09 0.83 0.00	24.00 0.75 0.00	24.90 0.59 0.00	30.33 0.88 0.00	31.41 0.95 0.00	40.07 1.08 0.00	35.90 0.64 0.00	27.36 0.34 0.00	22.61 0.06 0.00	20.86 -0.12 0.00	20.21 -0.24 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.27 -0.50 0.00	20.27 -0.63 0.00	18.04 -0.59 0.00	15.46 -0.46 0.00	16.76 -0.51 0.00	24.07 -0.41 0.00	32.47 -0.82 0.00	42.32 -1.03 0.00	32.46 -0.74 0.00	33.29 -0.37 0.00	27.65 -0.23 0.00	26.18 -0.28 0.00	24.18 -0.32 0.00	25.89 -0.38 0.00	22.93 -0.32 0.00	23.92 -0.39 0.00	28.86 -0.59 0.00	30.04 -0.41 0.00	38.50 -0.49 0.00	34.95 -0.30 0.00	26.71 -0.31 0.00	22.47 -0.08 0.00	21.07 0.09 0.00	20.65 0.20 0.00
EMPIRE_CC_1 323656	23.21 0.44 0.00	21.36 0.46 0.00	19.02 0.38 0.00	16.28 0.35 0.00	17.72 0.44 0.00	24.97 0.49 0.00	33.94 0.66 0.00	44.31 0.95 0.00	33.98 0.78 0.00	34.39 0.72 0.00	28.36 0.48 0.00	26.80 0.34 0.00	24.82 0.33 0.00	26.68 0.42 0.00	23.66 0.41 0.00	24.80 0.49 0.00	30.04 0.59 0.00	31.16 0.71 0.00	40.09 1.10 0.00	36.19 0.94 0.00	27.70 0.67 0.00	23.20 0.64 0.00	21.43 0.46 0.00	20.68 0.23 0.00

EMPIRE_CC_2 323658	23.21 0.44 0.00	21.36 0.46 0.00	19.02 0.38 0.00	16.28 0.35 0.00	17.72 0.44 0.00	24.97 0.49 0.00	33.94 0.66 0.00	44.31 0.95 0.00	33.98 0.78 0.00	34.39 0.72 0.00	28.36 0.48 0.00	26.80 0.34 0.00	24.82 0.33 0.00	26.68 0.42 0.00	23.66 0.41 0.00	24.80 0.49 0.00	30.04 0.59 0.00	31.16 0.71 0.00	40.09 1.10 0.00	36.19 0.94 0.00	27.70 0.67 0.00	23.20 0.64 0.00	21.43 0.46 0.00	20.68 0.23 0.00
ENORWICH_115KV_TB1 80156	23.87 1.10 0.00	21.84 0.95 0.00	19.47 0.84 0.00	16.56 0.63 0.00	18.03 0.76 0.00	25.81 1.33 0.00	35.47 2.18 0.00	46.69 3.34 0.00	35.61 2.41 0.00	36.14 2.48 0.00	29.69 1.80 0.00	28.14 1.68 0.00	26.06 1.57 0.00	27.95 1.69 0.00	24.74 1.49 0.00	26.13 1.81 0.00	31.84 2.39 0.00	33.13 2.67 0.00	42.67 3.68 0.00	38.62 3.37 0.00	29.48 2.46 0.00	24.42 1.87 0.00	22.66 1.69 0.00	22.01 1.56 0.00
ERIE_ST__34_KV_TB1-2 80199	22.72 -0.05 0.00	20.65 -0.25 0.00	18.36 -0.27 0.00	15.74 -0.18 0.00	17.07 -0.21 0.00	24.52 0.04 0.00	33.14 -0.15 0.00	43.31 -0.04 0.00	33.20 0.00 0.00	34.06 0.40 0.00	28.29 0.40 0.00	26.75 0.29 0.00	24.73 0.24 0.00	26.49 0.22 0.00	23.45 0.20 0.00	24.49 0.18 0.00	29.56 0.11 0.00	30.75 0.30 0.00	39.42 0.43 0.00	35.78 0.53 0.00	27.32 0.30 0.00	22.96 0.40 0.00	21.48 0.51 0.00	21.02 0.57 0.00
ERIE_WT_PWR 323693	22.43 -0.34 0.00	20.41 -0.49 0.00	18.14 -0.49 0.00	15.54 -0.39 0.00	16.86 -0.42 0.00	24.24 -0.24 0.00	32.74 -0.54 0.00	42.75 -0.60 0.00	32.72 -0.48 0.00	33.55 -0.12 0.00	27.88 0.00 0.00	26.37 -0.09 0.00	24.36 -0.13 0.00	26.07 -0.19 0.00	23.10 -0.15 0.00	24.14 -0.17 0.00	29.10 -0.35 0.00	30.27 -0.18 0.00	38.86 -0.14 0.00	35.28 0.02 0.00	26.96 -0.06 0.00	22.62 0.07 0.00	21.24 0.26 0.00	20.81 0.36 0.00
ESPRGFLD_115KV_TB1 80157	23.74 0.97 0.00	21.78 0.88 0.00	19.42 0.78 0.00	16.61 0.68 0.00	18.06 0.78 0.00	25.58 1.10 0.00	34.97 1.69 0.00	45.71 2.36 0.00	35.00 1.80 0.00	35.49 1.83 0.00	29.39 1.51 0.00	27.78 1.32 0.00	25.75 1.26 0.00	27.64 1.37 0.00	24.48 1.23 0.00	25.58 1.27 0.00	31.02 1.57 0.00	32.18 1.73 0.00	41.29 2.30 0.00	37.35 2.10 0.00	28.58 1.56 0.00	23.80 1.24 0.00	22.01 1.04 0.00	21.35 0.90 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.02 0.25 0.00	21.04 0.15 0.00	18.72 0.09 0.00	15.98 0.05 0.00	17.35 0.07 0.00	24.72 0.25 0.00	33.78 0.50 0.00	44.48 1.13 0.00	33.94 0.74 0.00	34.42 0.76 0.00	28.47 0.59 0.00	27.01 0.55 0.00	24.96 0.46 0.00	26.71 0.44 0.00	23.64 0.39 0.00	24.96 0.64 0.00	30.31 0.86 0.00	31.48 1.02 0.00	40.43 1.44 0.00	36.62 1.36 0.00	27.99 0.96 0.00	23.29 0.74 0.00	21.63 0.65 0.00	21.13 0.67 0.00
ETNA_____115KV_TB2 80207	23.02 0.25 0.00	21.04 0.15 0.00	18.72 0.09 0.00	15.98 0.05 0.00	17.35 0.07 0.00	24.72 0.25 0.00	33.78 0.50 0.00	44.48 1.13 0.00	33.94 0.74 0.00	34.42 0.76 0.00	28.47 0.59 0.00	27.01 0.55 0.00	24.96 0.46 0.00	26.71 0.44 0.00	23.64 0.39 0.00	24.96 0.64 0.00	30.31 0.86 0.00	31.48 1.02 0.00	40.43 1.44 0.00	36.62 1.36 0.00	27.99 0.96 0.00	23.29 0.74 0.00	21.63 0.65 0.00	21.13 0.67 0.00
EUCLID___115KV_TB2 356179	22.45 -0.32 0.00	20.56 -0.34 0.00	18.31 -0.32 0.00	15.64 -0.29 0.00	16.95 -0.33 0.00	24.08 -0.40 0.00	32.82 -0.47 0.00	42.89 -0.46 0.00	32.81 -0.39 0.00	33.26 -0.40 0.00	27.55 -0.34 0.00	26.11 -0.34 0.00	24.16 -0.34 0.00	25.86 -0.41 0.00	22.86 -0.39 0.00	23.95 -0.36 0.00	29.02 -0.43 0.00	30.07 -0.38 0.00	38.55 -0.44 0.00	34.89 -0.36 0.00	26.71 -0.32 0.00	22.27 -0.28 0.00	20.73 -0.24 0.00	20.37 -0.08 0.00
E_CANADA_CAP_HY 24051	23.49 0.71 0.00	21.60 0.70 0.00	19.28 0.65 0.00	16.44 0.52 0.00	17.73 0.45 0.00	25.13 0.65 0.00	34.50 1.21 0.00	44.99 1.64 0.00	34.42 1.22 0.00	34.91 1.25 0.00	28.95 1.07 0.00	27.57 1.11 0.00	25.43 0.94 0.00	27.17 0.91 0.00	24.06 0.81 0.00	25.17 0.86 0.00	30.39 0.94 0.00	31.59 1.13 0.00	40.41 1.41 0.00	36.54 1.29 0.00	28.01 0.99 0.00	23.42 0.86 0.00	21.77 0.80 0.00	21.41 0.96 0.00
E_CANADA_MHWK_HY 24050	23.30 0.53 0.00	21.43 0.53 0.00	19.07 0.43 0.00	16.29 0.36 0.00	17.75 0.47 0.00	25.17 0.70 0.00	34.20 0.92 0.00	44.83 1.48 0.00	34.15 0.95 0.00	34.64 0.98 0.00	28.62 0.73 0.00	26.84 0.38 0.00	24.75 0.25 0.00	26.57 0.31 0.00	23.52 0.27 0.00	24.55 0.24 0.00	30.14 0.69 0.00	31.37 0.92 0.00	40.46 1.46 0.00	36.62 1.37 0.00	27.95 0.93 0.00	23.35 0.80 0.00	21.68 0.70 0.00	20.89 0.44 0.00
E_FISHKILL___LBMP 23776	23.82 1.05 0.00	21.90 1.01 0.00	19.47 0.83 0.00	16.67 0.74 0.00	18.15 0.87 0.00	25.67 1.19 0.00	34.97 1.68 0.00	45.63 2.28 0.00	35.08 1.88 0.00	35.50 1.84 0.00	29.42 1.53 0.00	27.83 1.37 0.00	25.82 1.33 0.00	27.73 1.47 0.00	24.62 1.37 0.00	25.83 1.52 0.00	31.30 1.86 0.00	32.35 1.90 0.00	41.52 2.53 0.00	37.59 2.33 0.00	28.73 1.71 0.00	23.97 1.42 0.00	22.10 1.12 0.00	21.33 0.88 0.00
FALCON___SEABRD_CC1 323796	23.25 0.48 0.00	21.34 0.45 0.00	19.10 0.47 0.00	16.32 0.40 0.00	17.79 0.51 0.00	25.27 0.79 0.00	34.21 0.92 0.00	44.97 1.62 0.00	34.63 1.43 0.00	35.46 1.80 0.00	29.13 1.24 0.00	27.62 1.16 0.00	25.40 0.91 0.00	27.47 1.21 0.00	24.34 1.09 0.00	25.23 0.92 0.00	30.74 1.29 0.00	31.88 1.43 0.00	40.73 1.74 0.00	36.47 1.22 0.00	27.79 0.77 0.00	22.94 0.39 0.00	21.17 0.20 0.00	20.48 0.02 0.00
FALCON___SEABRD_CC2 323797	23.25 0.48 0.00	21.34 0.45 0.00	19.10 0.47 0.00	16.32 0.40 0.00	17.79 0.51 0.00	25.27 0.79 0.00	34.21 0.92 0.00	44.97 1.62 0.00	34.63 1.43 0.00	35.46 1.80 0.00	29.13 1.24 0.00	27.62 1.16 0.00	25.40 0.91 0.00	27.47 1.21 0.00	24.34 1.09 0.00	25.23 0.92 0.00	30.74 1.29 0.00	31.88 1.43 0.00	40.73 1.74 0.00	36.47 1.22 0.00	27.79 0.77 0.00	22.94 0.39 0.00	21.17 0.20 0.00	20.48 0.02 0.00
FAR ROCKAWAY___4 23548	24.37 1.60 0.00	22.35 1.46 0.00	19.85 1.22 0.00	17.00 1.07 0.00	18.51 1.23 0.00	26.23 1.75 0.00	35.45 2.16 0.00	46.09 2.74 0.00	35.63 2.43 0.00	35.99 2.33 0.00	29.96 2.07 0.00	28.53 2.05 -0.03	26.49 1.97 -0.03	28.32 2.04 -0.01	25.20 1.94 0.00	26.67 2.34 -0.02	32.17 2.72 0.00	32.99 2.54 0.00	42.15 3.15 0.00	38.26 3.01 0.00	29.35 2.33 0.00	24.60 2.04 0.00	60.31 1.77 -37.57	21.84 1.38 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.08 1.31 0.00	22.14 1.25 0.00	19.65 1.02 0.00	16.82 0.90 0.00	18.31 1.03 0.00	25.91 1.44 0.00	35.38 2.09 0.00	46.16 2.81 0.00	35.51 2.31 0.00	35.96 2.30 0.00	29.85 1.96 0.00	28.27 1.82 0.00	26.25 1.75 0.00	28.18 1.92 0.00	25.03 1.78 0.00	26.25 1.93 0.00	31.78 2.33 0.00	32.78 2.33 0.00	41.96 2.97 0.00	38.03 2.78 0.00	29.06 2.04 0.00	24.27 1.72 0.00	22.37 1.40 0.00	21.55 1.10 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.09 1.32 0.00	22.15 1.26 0.00	19.65 1.02 0.00	16.83 0.90 0.00	18.32 1.04 0.00	25.92 1.44 0.00	35.39 2.10 0.00	46.18 2.83 0.00	35.52 2.32 0.00	35.97 2.31 0.00	29.86 1.98 0.00	28.28 1.82 0.00	26.26 1.76 0.00	28.20 1.93 0.00	25.04 1.79 0.00	26.26 1.95 0.00	31.80 2.35 0.00	32.79 2.34 0.00	41.98 2.99 0.00	38.06 2.81 0.00	29.08 2.06 0.00	24.29 1.73 0.00	22.39 1.42 0.00	21.57 1.12 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.07 1.30 0.00	22.14 1.24 0.00	19.65 1.01 0.00	16.82 0.89 0.00	18.30 1.02 0.00	25.90 1.42 0.00	35.37 2.08 0.00	46.15 2.80 0.00	35.50 2.31 0.00	35.96 2.30 0.00	29.85 1.96 0.00	28.27 1.81 0.00	26.25 1.75 0.00	28.18 1.92 0.00	25.03 1.78 0.00	26.25 1.93 0.00	31.78 2.33 0.00	32.77 2.32 0.00	41.95 2.96 0.00	38.03 2.78 0.00	29.06 2.03 0.00	24.27 1.71 0.00	22.37 1.40 0.00	21.55 1.10 0.00
FARRAGUT___LBMP 323566	24.06 1.29 0.00	22.12 1.23 0.00	19.63 1.00 0.00	16.81 0.88 0.00	18.29 1.01 0.00	25.89 1.41 0.00	35.34 2.05 0.00	46.10 2.76 0.00	35.47 2.27 0.00	35.92 2.26 0.00	29.81 1.93 0.00	28.24 1.78 0.00	26.21 1.72 0.00	28.15 1.89 0.00	25.00 1.75 0.00	26.22 1.90 0.00	31.74 2.29 0.00	32.74 2.28 0.00	41.91 2.91 0.00	37.99 2.74 0.00	29.03 2.01 0.00	24.25 1.69 0.00	22.35 1.38 0.00	21.54 1.08 0.00
FENNER___WINDPWR 24204	23.03 0.25 0.00	21.06 0.17 0.00	18.80 0.16 0.00	16.06 0.13 0.00	17.41 0.13 0.00	24.74 0.27 0.00	33.82 0.54 0.00	44.27 0.92 0.00	33.78 0.58 0.00	34.25 0.58 0.00	28.32 0.43 0.00	26.87 0.41 0.00	24.81 0.32 0.00	26.55 0.28 0.00	23.49 0.24 0.00	24.70 0.39 0.00	30.04 0.59 0.00	31.19 0.74 0.00	40.04 1.05 0.00	36.18 0.93 0.00	27.65 0.63 0.00	23.02 0.47 0.00	21.41 0.44 0.00	20.92 0.46 0.00
FIBERTEK___ENERGY 23856	22.70 -0.07 0.00	20.79 -0.10 0.00	18.52 -0.11 0.00	15.79 -0.14 0.00	17.14 -0.14 0.00	24.35 -0.12 0.00	33.22 -0.06 0.00	43.92 0.57 0.00	33.50 0.30 0.00	33.99 0.33 0.00	28.18 0.29 0.00	26.67 0.21 0.00	24.63 0.13 0.00	26.36 0.09 0.00	23.31 0.06 0.00	24.45 0.13 0.00	29.67 0.22 0.00	30.80 0.35 0.00	39.52 0.52 0.00	35.78 0.52 0.00	27.35 0.33 0.00	22.78 0.23 0.00	21.21 0.23 0.00	20.83 0.38 0.00
FITZPATRICK____ 23598	22.18 -0.59 0.00	20.32 -0.58 0.00	18.11 -0.52 0.00	15.46 -0.46 0.00	16.75 -0.53 0.00	23.77 -0.71 0.00	32.37 -0.92 0.00	42.09 -1.26 0.00	32.20 -1.00 0.00	32.62 -1.04 0.00	27.02 -0.86 0.00	25.63 -0.83 0.00	23.72 -0.77 0.00	25.40 -0.87 0.00	22.44 -0.81 0.00	23.46 -0.85 0.00	28.41 -1.04 0.00	29.44 -1.02 0.00	37.71 -1.29 0.00	34.11 -1.15 0.00	26.13 -0.90 0.00	21.80 -0.75 0.00	20.32 -0.66 0.00	19.99 -0.46 0.00
FLOWRFLD_69_KV_BK1 356044	24.34 1.57 0.00	22.29 1.40 0.00	19.82 1.18 0.00	16.98 1.06 0.00	18.47 1.20 0.00	26.11 1.63 0.00	35.37 2.08 0.00	45.89 2.54 0.00	35.66 2.47 0.00	36.04 2.38 0.00	30.10 2.22 0.00	28.70 2.24 0.00	26.70 2.22 0.00	28.57 2.31 0.00	25.48 2.23 0.00	26.84 2.53 0.00	32.56 3.11 0.00	33.48 3.02 0.00	42.43 3.44 0.00	38.54 3.28 0.00	29.44 2.42 0.00	24.70 2.14 0.00	19.65 1.68 2.99	21.72 1.27 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.09 1.31 0.00	22.13 1.24 0.00	19.68 1.04 0.00	16.84 0.91 0.00	18.34 1.06 0.00	25.97 1.50 0.00	35.42 2.14 0.00	46.26 2.92 0.00	35.50 2.30 0.00	35.90 2.24 0.00	29.75 1.86 0.00	28.15 1.69 0.00	26.11 1.62 0.00	28.02 1.75 0.00	24.85 1.60 0.00	26.09 1.78 0.00	31.65 2.20 0.00	32.76 2.30 0.00	42.08 3.09 0.00	38.09 2.84 0.00	29.11 2.09 0.00	24.27 1.72 0.00	22.36 1.39 0.00	21.59 1.14 0.00
FORT ORANGE____ 23900	23.23 0.46 0.00	21.35 0.46 0.00	19.03 0.39 0.00	16.28 0.35 0.00	17.73 0.45 0.00	25.05 0.57 0.00	34.15 0.86 0.00	44.64 1.29 0.00	34.43 1.23 0.00	34.85 1.18 0.00	28.73 0.84 0.00	27.08 0.62 0.00	25.02 0.52 0.00	26.85 0.58 0.00	23.83 0.58 0.00	24.88 0.57 0.00	30.18 0.73 0.00	31.32 0.87 0.00	40.30 1.31 0.00	36.38 1.13 0.00	27.83 0.80 0.00	23.24 0.69 0.00	21.44 0.47 0.00	20.73 0.27 0.00
FORT_DRUM_COGEN 23780	22.39 -0.38 0.00	20.48 -0.42 0.00	18.43 -0.20 0.00	15.77 -0.16 0.00	16.98 -0.30 0.00	24.09 -0.38 0.00	33.28 -0.01 0.00	43.27 -0.08 0.00	33.11 -0.09 0.00	33.54 -0.12 0.00	27.37 -0.52 0.00	26.05 -0.41 0.00	24.24 -0.26 0.00	25.92 -0.34 0.00	22.93 -0.32 0.00	23.89 -0.42 0.00	29.23 -0.22 0.00	30.55 0.09 0.00	39.76 0.77 0.00	35.92 0.67 0.00	27.28 0.26 0.00	22.48 -0.07 0.00	20.82 -0.16 0.00	20.62 0.16 0.00
FPL_FAR_ROCK_GT1 24212	24.37 1.60 0.00	22.35 1.46 0.00	19.85 1.22 0.00	17.00 1.07 0.00	18.51 1.23 0.00	26.23 1.75 0.00	35.45 2.16 0.00	46.08 2.73 0.00	35.64 2.44 0.00	36.00 2.34 0.00	29.96 2.08 0.00	28.53 2.05 -0.03	26.49 1.97 -0.03	28.32 2.05 -0.01	25.19 1.94 0.00	26.66 2.33 -0.02	32.18 2.73 0.00	32.98 2.53 0.00	42.14 3.15 0.00	38.26 3.01 0.00	29.36 2.33 0.00	24.61 2.05 0.00	60.29 1.74 -37.57	21.84 1.38 0.00
FPL_FAR_ROCK_GT2 23815	24.37 1.60 0.00	22.35 1.46 0.00	19.85 1.22 0.00	17.00 1.07 0.00	18.51 1.23 0.00	26.23 1.75 0.00	35.45 2.16 0.00	46.08 2.73 0.00	35.64 2.44 0.00	36.00 2.34 0.00	29.96 2.08 0.00	28.53 2.05 -0.03	26.49 1.97 -0.03	28.32 2.05 -0.01	25.19 1.94 0.00	26.66 2.33 -0.02	32.18 2.73 0.00	32.98 2.53 0.00	42.14 3.15 0.00	38.26 3.01 0.00	29.36 2.33 0.00	24.61 2.05 0.00	60.29 1.74 -37.57	21.84 1.38 0.00
FRANKLIN_FALL_HYD 24054	23.10 0.33 0.00	21.18 0.28 0.00	18.98 0.35 0.00	16.21 0.29 0.00	17.62 0.34 0.00	25.00 0.53 0.00	33.95 0.66 0.00	44.52 1.18 0.00	34.20 1.00 0.00	34.92 1.26 0.00	28.71 0.82 0.00	27.23 0.77 0.00	25.05 0.56 0.00	27.05 0.79 0.00	23.95 0.70 0.00	24.87 0.56 0.00	30.30 0.85 0.00	31.38 0.93 0.00	40.06 1.06 0.00	35.97 0.72 0.00	27.45 0.42 0.00	22.71 0.16 0.00	21.00 0.03 0.00	20.36 -0.09 0.00
FREEPORT_EQUS_GT1 23764	24.22 1.45 0.00	22.20 1.31 0.00	19.73 1.09 0.00	16.89 0.97 0.00	18.39 1.11 0.00	26.04 1.57 0.00	35.25 1.96 0.00	45.80 2.44 0.00	35.39 2.19 0.00	35.84 2.18 0.00	29.90 2.02 0.00	28.41 1.94 -0.01	26.41 1.91 -0.01	28.29 2.02 0.00	25.19 1.94 0.00	26.51 2.19 -0.01	32.08 2.63 0.00	32.91 2.45 0.00	41.95 2.96 0.00	38.15 2.90 0.00	29.24 2.22 0.00	24.51 1.95 0.00	34.00 1.60 -11.42	21.67 1.22 0.00
FREEPORT___CT2 23818	24.22 1.45 0.00	22.20 1.31 0.00	19.73 1.09 0.00	16.89 0.97 0.00	18.39 1.11 0.00	26.04 1.57 0.00	35.25 1.96 0.00	45.80 2.44 0.00	35.39 2.19 0.00	35.84 2.18 0.00	29.90 2.02 0.00	28.41 1.94 -0.01	26.41 1.91 -0.01	28.29 2.02 0.00	25.19 1.94 0.00	26.51 2.19 -0.01	32.08 2.63 0.00	32.91 2.45 0.00	41.95 2.96 0.00	38.15 2.90 0.00	29.24 2.22 0.00	24.51 1.95 0.00	34.00 1.60 -11.42	21.67 1.22 0.00

FRESHKLS_33_KV_LOAD 356253	24.04 1.27 0.00	21.88 1.24 0.25	19.43 1.07 0.26	16.80 0.89 0.01	18.12 1.04 0.20	22.18 1.48 3.78	31.15 2.15 4.28	45.40 2.96 0.91	28.69 2.42 6.93	26.11 2.46 10.01	26.70 2.02 3.21	27.16 1.82 1.12	26.19 1.70 0.00	27.51 1.91 0.66	25.02 1.76 0.00	26.24 1.93 0.00	30.01 2.39 1.83	28.00 2.51 4.95	28.51 3.33 13.81	28.48 3.17 9.93	23.31 2.33 6.04	21.03 1.89 3.42	21.66 1.46 0.78	21.59 1.14 0.00
FULTON COGEN____ 23766	22.48 -0.29 0.00	20.58 -0.31 0.00	18.33 -0.30 0.00	15.65 -0.28 0.00	16.96 -0.32 0.00	24.08 -0.39 0.00	32.83 -0.46 0.00	42.70 -0.65 0.00	32.68 -0.52 0.00	33.12 -0.54 0.00	27.41 -0.47 0.00	25.99 -0.47 0.00	24.04 -0.45 0.00	25.71 -0.55 0.00	22.71 -0.54 0.00	23.74 -0.57 0.00	28.82 -0.63 0.00	29.87 -0.58 0.00	38.31 -0.69 0.00	34.65 -0.61 0.00	26.54 -0.48 0.00	22.15 -0.41 0.00	20.62 -0.35 0.00	20.27 -0.18 0.00
FULTON____LFGE 323630	23.94 1.17 0.00	22.01 1.12 0.00	19.63 0.99 0.00	16.74 0.81 0.00	18.18 0.90 0.00	25.91 1.43 0.00	35.62 2.33 0.00	46.35 3.00 0.00	35.14 1.94 0.00	35.60 1.94 0.00	29.45 1.56 0.00	27.32 0.86 0.00	25.08 0.59 0.00	26.95 0.68 0.00	24.23 0.98 0.00	25.03 0.72 0.00	30.81 1.35 0.00	32.32 1.87 0.00	41.55 2.55 0.00	37.57 2.32 0.00	28.74 1.72 0.00	23.96 1.40 0.00	22.31 1.34 0.00	21.69 1.24 0.00
G.F.CEMENT____DRP 24184	23.74 0.97 0.00	21.82 0.93 0.00	19.44 0.80 0.00	16.63 0.71 0.00	18.15 0.87 0.00	25.77 1.29 0.00	35.06 1.77 0.00	45.88 2.52 0.00	35.32 2.12 0.00	35.85 2.19 0.00	29.59 1.71 0.00	27.89 1.43 0.00	25.67 1.18 0.00	27.67 1.40 0.00	24.52 1.27 0.00	25.63 1.32 0.00	31.09 1.65 0.00	32.41 1.96 0.00	41.83 2.84 0.00	37.79 2.54 0.00	28.88 1.86 0.00	24.03 1.48 0.00	22.14 1.17 0.00	21.35 0.90 0.00
GARDENVILLE____LBMP 24039	22.35 -0.42 0.00	20.34 -0.55 0.00	18.09 -0.54 0.00	15.51 -0.42 0.00	16.82 -0.46 0.00	24.16 -0.32 0.00	32.62 -0.67 0.00	42.54 -0.81 0.00	32.61 -0.58 0.00	33.43 -0.23 0.00	27.78 -0.10 0.00	26.28 -0.18 0.00	24.28 -0.21 0.00	26.00 -0.27 0.00	23.02 -0.23 0.00	24.03 -0.29 0.00	29.01 -0.45 0.00	30.19 -0.27 0.00	38.71 -0.29 0.00	35.14 -0.11 0.00	26.85 -0.17 0.00	22.58 0.03 0.00	21.16 0.18 0.00	20.73 0.27 0.00
GARDNVLA_35_KV_LD 355827	22.45 -0.33 0.00	20.41 -0.48 0.00	18.16 -0.48 0.00	15.56 -0.37 0.00	16.87 -0.41 0.00	24.24 -0.24 0.00	32.74 -0.55 0.00	42.75 -0.60 0.00	32.77 -0.43 0.00	33.61 -0.05 0.00	27.92 0.04 0.00	26.41 -0.05 0.00	24.40 -0.09 0.00	26.13 -0.13 0.00	23.14 -0.11 0.00	24.14 -0.17 0.00	29.16 -0.29 0.00	30.35 -0.11 0.00	38.91 -0.08 0.00	35.32 0.07 0.00	26.99 -0.03 0.00	22.69 0.14 0.00	21.26 0.28 0.00	20.82 0.37 0.00
GELCKHM__115KV_LOAD 80723	22.55 -0.22 0.00	20.65 -0.25 0.00	18.39 -0.24 0.00	15.69 -0.23 0.00	17.02 -0.26 0.00	24.18 -0.30 0.00	32.97 -0.32 0.00	43.28 -0.07 0.00	33.08 -0.12 0.00	33.54 -0.12 0.00	27.78 -0.10 0.00	26.33 -0.12 0.00	24.34 -0.15 0.00	26.05 -0.21 0.00	23.04 -0.22 0.00	24.14 -0.18 0.00	29.27 -0.18 0.00	30.36 -0.09 0.00	38.92 -0.07 0.00	35.22 -0.03 0.00	26.95 -0.07 0.00	22.47 -0.09 0.00	20.91 -0.06 0.00	20.54 0.09 0.00
GENERAL____MILLS 23808	22.42 -0.36 0.00	20.39 -0.50 0.00	18.14 -0.50 0.00	15.54 -0.38 0.00	16.85 -0.42 0.00	24.21 -0.26 0.00	32.70 -0.58 0.00	42.68 -0.68 0.00	32.72 -0.48 0.00	33.56 -0.10 0.00	27.87 -0.01 0.00	26.37 -0.08 0.00	24.36 -0.13 0.00	26.08 -0.18 0.00	23.10 -0.15 0.00	24.10 -0.21 0.00	29.11 -0.34 0.00	30.29 -0.17 0.00	38.84 -0.16 0.00	35.26 0.01 0.00	26.95 -0.08 0.00	22.66 0.11 0.00	21.22 0.25 0.00	20.79 0.34 0.00
GE_PLASTICS____DRP 24183	23.21 0.43 0.00	21.33 0.43 0.00	19.01 0.37 0.00	16.27 0.34 0.00	17.70 0.42 0.00	25.00 0.53 0.00	34.06 0.77 0.00	44.46 1.11 0.00	34.07 0.87 0.00	34.50 0.84 0.00	28.51 0.63 0.00	26.95 0.49 0.00	24.95 0.46 0.00	26.81 0.54 0.00	23.79 0.54 0.00	24.92 0.61 0.00	30.21 0.76 0.00	31.32 0.87 0.00	40.23 1.24 0.00	36.34 1.09 0.00	27.81 0.79 0.00	23.22 0.67 0.00	21.45 0.48 0.00	20.76 0.31 0.00
GILBOA____1 23756	23.39 0.61 0.00	21.50 0.60 0.00	19.20 0.57 0.00	16.43 0.51 0.00	17.87 0.59 0.00	25.19 0.72 0.00	34.30 1.01 0.00	44.75 1.40 0.00	34.27 1.07 0.00	34.73 1.07 0.00	28.77 0.88 0.00	27.22 0.76 0.00	25.22 0.73 0.00	27.08 0.81 0.00	24.00 0.75 0.00	25.11 0.80 0.00	30.44 0.99 0.00	31.50 1.05 0.00	40.30 1.30 0.00	36.43 1.18 0.00	27.95 0.93 0.00	23.36 0.81 0.00	21.61 0.63 0.00	20.94 0.49 0.00
GILBOA____2 23757	23.39 0.61 0.00	21.50 0.60 0.00	19.20 0.57 0.00	16.43 0.51 0.00	17.87 0.59 0.00	25.19 0.72 0.00	34.30 1.01 0.00	44.75 1.40 0.00	34.27 1.07 0.00	34.73 1.07 0.00	28.77 0.88 0.00	27.22 0.76 0.00	25.22 0.73 0.00	27.08 0.81 0.00	24.00 0.75 0.00	25.11 0.80 0.00	30.44 0.99 0.00	31.50 1.05 0.00	40.30 1.30 0.00	36.43 1.18 0.00	27.95 0.93 0.00	23.36 0.81 0.00	21.61 0.63 0.00	20.94 0.49 0.00
GILBOA____3 23758	23.39 0.61 0.00	21.50 0.60 0.00	19.20 0.57 0.00	16.43 0.51 0.00	17.87 0.59 0.00	25.19 0.72 0.00	34.30 1.01 0.00	44.75 1.40 0.00	34.27 1.07 0.00	34.73 1.07 0.00	28.77 0.88 0.00	27.22 0.76 0.00	25.22 0.73 0.00	27.08 0.81 0.00	24.00 0.75 0.00	25.11 0.80 0.00	30.44 0.99 0.00	31.50 1.05 0.00	40.30 1.30 0.00	36.43 1.18 0.00	27.95 0.93 0.00	23.36 0.81 0.00	21.61 0.63 0.00	20.94 0.49 0.00
GILBOA____4 23759	23.39 0.61 0.00	21.50 0.60 0.00	19.20 0.57 0.00	16.43 0.51 0.00	17.87 0.59 0.00	25.19 0.72 0.00	34.30 1.01 0.00	44.75 1.40 0.00	34.27 1.07 0.00	34.73 1.07 0.00	28.77 0.88 0.00	27.22 0.76 0.00	25.22 0.73 0.00	27.08 0.81 0.00	24.00 0.75 0.00	25.11 0.80 0.00	30.44 0.99 0.00	31.50 1.05 0.00	40.30 1.30 0.00	36.43 1.18 0.00	27.95 0.93 0.00	23.36 0.81 0.00	21.61 0.63 0.00	20.94 0.49 0.00
GILBOA____ 23599	23.39 0.61 0.00	21.50 0.60 0.00	19.20 0.57 0.00	16.43 0.51 0.00	17.87 0.59 0.00	25.19 0.71 0.00	34.30 1.01 0.00	44.75 1.40 0.00	34.26 1.07 0.00	34.73 1.07 0.00	28.77 0.88 0.00	27.22 0.76 0.00	25.22 0.72 0.00	27.08 0.82 0.00	24.00 0.75 0.00	25.11 0.80 0.00	30.44 0.99 0.00	31.50 1.05 0.00	40.30 1.30 0.00	36.43 1.18 0.00	27.95 0.93 0.00	23.36 0.81 0.00	21.61 0.63 0.00	20.94 0.49 0.00
GINNA____ 23603	21.48 -1.29 0.00	19.63 -1.27 0.00	17.48 -1.15 0.00	14.95 -0.98 0.00	16.21 -1.07 0.00	23.15 -1.32 0.00	31.54 -1.74 0.00	41.17 -2.18 0.00	31.52 -1.68 0.00	31.94 -1.72 0.00	26.47 -1.41 0.00	25.08 -1.38 0.00	23.19 -1.30 0.00	24.85 -1.42 0.00	22.01 -1.24 0.00	23.01 -1.30 0.00	27.80 -1.65 0.00	28.89 -1.57 0.00	37.06 -1.94 0.00	33.58 -1.68 0.00	25.65 -1.37 0.00	21.42 -1.13 0.00	19.98 -0.99 0.00	19.59 -0.86 0.00

GLEN PARK____ 23778	22.45 -0.32 0.00	20.43 -0.46 0.00	18.40 -0.23 0.00	15.73 -0.19 0.00	16.98 -0.29 0.00	24.07 -0.41 0.00	33.43 0.15 0.00	43.50 0.15 0.00	33.36 0.16 0.00	33.73 0.07 0.00	27.49 -0.40 0.00	26.04 -0.42 0.00	24.08 -0.41 0.00	25.92 -0.34 0.00	22.72 -0.53 0.00	23.79 -0.53 0.00	29.25 -0.20 0.00	30.59 0.13 0.00	39.91 0.92 0.00	36.09 0.83 0.00	27.41 0.39 0.00	22.58 0.03 0.00	20.90 -0.07 0.00	20.69 0.24 0.00
GLENDAL_27_KV_LOAD 356172	24.19 1.42 0.00	22.24 1.35 0.00	19.74 1.10 0.00	16.88 0.96 0.00	18.38 1.10 0.00	25.98 1.51 0.00	35.51 2.23 0.00	46.41 3.06 0.00	35.74 2.55 0.00	36.19 2.53 0.00	30.04 2.15 0.00	28.45 1.99 0.00	26.39 1.90 0.00	28.33 2.06 0.00	25.16 1.91 0.00	26.40 2.09 0.00	31.98 2.53 0.00	32.99 2.54 0.00	42.26 3.26 0.00	38.30 3.05 0.00	29.71 2.25 -0.45	24.44 1.89 0.00	22.50 1.52 0.00	21.67 1.22 0.00
GLENWOOD_IC_1_G5 23712	24.13 1.36 0.00	22.16 1.27 0.00	19.69 1.05 0.00	16.86 0.93 0.00	18.35 1.08 0.00	25.99 1.51 0.00	35.34 2.05 0.00	46.07 2.72 0.00	35.46 2.27 0.00	35.87 2.21 0.00	29.89 2.00 0.00	28.34 1.88 -0.01	26.33 1.83 -0.01	28.24 1.97 0.00	25.12 1.86 0.00	26.39 2.07 0.00	31.95 2.51 0.00	32.90 2.45 0.00	42.06 3.07 0.00	38.17 2.92 0.00	29.17 2.15 0.00	24.37 1.83 0.00	28.34 1.49 -5.88	21.61 1.16 0.00
GLENWOOD_IC_2_G1 23688	24.06 1.29 0.00	22.10 1.20 0.00	19.63 0.99 0.00	16.81 0.88 0.00	18.30 1.02 0.00	25.89 1.41 0.00	35.23 1.95 0.00	45.94 2.58 0.00	35.36 2.16 0.00	35.79 2.13 0.00	29.78 1.90 0.00	28.22 1.76 0.00	26.21 1.72 0.00	28.12 1.86 0.00	24.99 1.74 0.00	26.25 1.94 0.00	31.79 2.34 0.00	32.76 2.30 0.00	41.92 2.93 0.00	38.02 2.76 0.00	29.06 2.04 0.00	24.29 1.74 0.00	22.37 1.40 0.00	21.54 1.08 0.00
GLENWOOD_IC_3_G1 23689	24.06 1.29 0.00	22.10 1.20 0.00	19.63 0.99 0.00	16.81 0.88 0.00	18.30 1.02 0.00	25.89 1.41 0.00	35.23 1.95 0.00	45.94 2.58 0.00	35.36 2.16 0.00	35.79 2.13 0.00	29.78 1.90 0.00	28.22 1.76 0.00	26.21 1.72 0.00	28.12 1.86 0.00	24.99 1.74 0.00	26.25 1.94 0.00	31.79 2.34 0.00	32.76 2.30 0.00	41.92 2.93 0.00	38.02 2.76 0.00	29.06 2.04 0.00	24.29 1.74 0.00	22.37 1.40 0.00	21.54 1.08 0.00
GLENWOOD____4 23550	24.13 1.36 0.00	22.16 1.27 0.00	19.69 1.05 0.00	16.86 0.93 0.00	18.35 1.08 0.00	25.99 1.51 0.00	35.34 2.05 0.00	46.07 2.72 0.00	35.46 2.27 0.00	35.87 2.21 0.00	29.89 2.00 0.00	28.34 1.88 -0.01	26.33 1.83 -0.01	28.24 1.97 0.00	25.12 1.86 0.00	26.39 2.07 0.00	31.95 2.51 0.00	32.90 2.45 0.00	42.06 3.07 0.00	38.17 2.92 0.00	29.17 2.15 0.00	24.37 1.83 0.00	28.34 1.49 -5.88	21.61 1.16 0.00
GLENWOOD____5 23614	24.13 1.36 0.00	22.16 1.27 0.00	19.69 1.05 0.00	16.86 0.93 0.00	18.35 1.08 0.00	25.99 1.51 0.00	35.34 2.05 0.00	46.07 2.72 0.00	35.46 2.27 0.00	35.87 2.21 0.00	29.89 2.00 0.00	28.34 1.88 -0.01	26.33 1.83 -0.01	28.24 1.97 0.00	25.12 1.86 0.00	26.39 2.07 0.00	31.95 2.51 0.00	32.90 2.45 0.00	42.06 3.07 0.00	38.17 2.92 0.00	29.17 2.15 0.00	24.37 1.83 0.00	28.34 1.49 -5.88	21.61 1.16 0.00
GLOBAL GREEN_PORT_GT1 23814	24.95 2.18 0.00	22.83 1.94 0.00	20.31 1.67 0.00	17.43 1.50 0.00	18.96 1.68 0.00	26.84 2.36 0.00	36.46 3.18 0.00	47.29 3.94 0.00	36.95 3.75 0.00	37.27 3.61 0.00	31.08 3.19 0.00	29.56 3.11 0.00	27.56 3.07 0.00	29.50 3.24 0.00	26.34 3.09 0.00	27.75 3.44 0.00	33.75 4.30 0.00	34.82 4.36 0.00	44.20 5.21 0.00	40.18 4.93 0.00	30.67 3.65 0.00	25.71 3.16 0.00	20.19 2.33 3.11	22.35 1.90 0.00
GLOBE____DSASP 323697	21.76 -1.02 0.00	19.83 -1.06 0.00	17.68 -0.96 0.00	15.17 -0.76 0.00	16.41 -0.87 0.00	23.54 -0.93 0.00	31.64 -1.65 0.00	40.74 -2.61 0.00	31.22 -1.98 0.00	32.02 -1.64 0.00	26.61 -1.28 0.00	25.24 -1.22 0.00	23.30 -1.19 0.00	24.95 -1.31 0.00	22.10 -1.15 0.00	23.01 -1.30 0.00	27.71 -1.74 0.00	28.86 -1.60 0.00	36.91 -2.08 0.00	33.51 -1.74 0.00	25.64 -1.39 0.00	21.72 -0.83 0.00	20.47 -0.51 0.00	20.18 -0.27 0.00
GOETHSLN____LBMP 323567	23.99 1.22 0.00	21.81 1.16 0.25	19.30 0.93 0.26	16.74 0.82 0.01	18.03 0.95 0.20	22.01 1.31 3.77	30.93 1.92 4.28	45.04 2.59 0.90	28.39 2.12 6.93	27.13 2.10 8.63	27.56 1.81 2.13	27.02 1.68 1.12	26.12 1.63 0.00	27.62 1.77 0.41	24.91 1.66 0.00	26.12 1.81 0.00	30.46 2.15 1.14	29.49 2.13 3.10	33.09 2.71 8.62	31.60 2.55 6.20	24.82 1.85 4.05	21.99 1.57 2.14	21.78 1.29 0.48	21.47 1.02 0.00
GOLAH____69_KV_TB 1_2 80279	22.63 -0.14 0.00	20.63 -0.27 0.00	18.37 -0.26 0.00	15.71 -0.21 0.00	17.05 -0.22 0.00	24.38 -0.09 0.00	33.13 -0.16 0.00	43.28 -0.07 0.00	33.14 -0.06 0.00	33.65 -0.01 0.00	27.88 0.00 0.00	26.44 -0.02 0.00	24.44 -0.05 0.00	26.19 -0.07 0.00	23.20 -0.05 0.00	24.23 -0.08 0.00	29.27 -0.18 0.00	30.44 -0.01 0.00	39.05 0.06 0.00	35.43 0.18 0.00	27.06 0.03 0.00	22.66 0.11 0.00	21.14 0.16 0.00	20.70 0.25 0.00
GOODYEAR_LAKE_HYD 323669	23.65 0.88 0.00	21.71 0.81 0.00	19.35 0.72 0.00	16.55 0.62 0.00	18.00 0.72 0.00	25.48 1.01 0.00	34.80 1.52 0.00	45.46 2.10 0.00	34.81 1.61 0.00	35.29 1.63 0.00	29.23 1.35 0.00	27.64 1.18 0.00	25.62 1.13 0.00	27.49 1.23 0.00	24.36 1.11 0.00	25.45 1.14 0.00	30.85 1.40 0.00	31.98 1.53 0.00	41.02 2.02 0.00	37.10 1.84 0.00	28.40 1.37 0.00	23.66 1.10 0.00	21.89 0.92 0.00	21.24 0.79 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.75 -0.02 0.00	20.78 -0.11 0.00	18.46 -0.17 0.00	15.77 -0.16 0.00	17.12 -0.15 0.00	24.38 -0.09 0.00	33.25 -0.03 0.00	43.62 0.27 0.00	33.32 0.12 0.00	33.86 0.20 0.00	28.07 0.18 0.00	26.57 0.11 0.00	24.58 0.08 0.00	26.33 0.06 0.00	23.30 0.05 0.00	24.67 0.35 0.00	29.92 0.47 0.00	30.99 0.54 0.00	39.74 0.75 0.00	35.97 0.71 0.00	27.53 0.50 0.00	22.94 0.38 0.00	21.32 0.35 0.00	20.80 0.34 0.00
GOUDEY____7 23579	22.77 0.00 0.00	20.79 -0.10 0.00	18.47 -0.16 0.00	15.78 -0.15 0.00	17.13 -0.15 0.00	24.40 -0.08 0.00	33.29 0.00 0.00	43.66 0.31 0.00	33.35 0.15 0.00	33.89 0.23 0.00	28.10 0.21 0.00	26.59 0.14 0.00	24.60 0.11 0.00	26.34 0.08 0.00	23.32 0.06 0.00	24.69 0.38 0.00	29.95 0.50 0.00	31.02 0.57 0.00	39.77 0.78 0.00	36.00 0.75 0.00	27.55 0.53 0.00	22.96 0.41 0.00	21.34 0.37 0.00	20.81 0.36 0.00
GOUDEY____8 23580	22.75 -0.02 0.00	20.78 -0.11 0.00	18.46 -0.17 0.00	15.77 -0.16 0.00	17.12 -0.15 0.00	24.38 -0.09 0.00	33.25 -0.03 0.00	43.62 0.27 0.00	33.32 0.12 0.00	33.86 0.20 0.00	28.07 0.18 0.00	26.57 0.11 0.00	24.58 0.08 0.00	26.33 0.06 0.00	23.30 0.05 0.00	24.67 0.35 0.00	29.92 0.47 0.00	30.99 0.54 0.00	39.74 0.75 0.00	35.97 0.71 0.00	27.53 0.50 0.00	22.94 0.38 0.00	21.32 0.35 0.00	20.80 0.34 0.00

GOWANUS_GT1_1 24077	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.85 0.93 0.00	18.35 1.07 0.00	25.95 1.48 0.00	35.47 2.19 0.00	46.36 3.01 0.00	35.68 2.48 0.00	36.14 2.48 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.46 0.00	32.90 2.45 0.00	42.18 3.19 0.00	38.26 3.00 0.00	29.68 2.22 -0.45	24.42 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT1_2 24078	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.85 0.93 0.00	18.35 1.07 0.00	25.95 1.48 0.00	35.47 2.19 0.00	46.36 3.01 0.00	35.68 2.48 0.00	36.14 2.48 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.46 0.00	32.90 2.45 0.00	42.18 3.19 0.00	38.26 3.00 0.00	29.68 2.22 -0.45	24.42 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT1_3 24079	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.85 0.93 0.00	18.35 1.07 0.00	25.95 1.48 0.00	35.47 2.19 0.00	46.36 3.01 0.00	35.68 2.48 0.00	36.14 2.48 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.46 0.00	32.90 2.45 0.00	42.18 3.19 0.00	38.26 3.00 0.00	29.68 2.22 -0.45	24.42 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT1_4 24080	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.85 0.93 0.00	18.35 1.07 0.00	25.95 1.48 0.00	35.47 2.19 0.00	46.36 3.01 0.00	35.68 2.48 0.00	36.14 2.48 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.46 0.00	32.90 2.45 0.00	42.18 3.19 0.00	38.26 3.00 0.00	29.68 2.22 -0.45	24.42 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT1_5 24084	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.85 0.93 0.00	18.35 1.07 0.00	25.95 1.48 0.00	35.47 2.19 0.00	46.36 3.01 0.00	35.68 2.48 0.00	36.14 2.48 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.46 0.00	32.90 2.45 0.00	42.18 3.19 0.00	38.26 3.00 0.00	29.68 2.22 -0.45	24.42 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT1_6 24111	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.85 0.93 0.00	18.35 1.07 0.00	25.95 1.48 0.00	35.47 2.19 0.00	46.36 3.01 0.00	35.68 2.48 0.00	36.14 2.48 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.46 0.00	32.90 2.45 0.00	42.18 3.19 0.00	38.26 3.00 0.00	29.68 2.22 -0.45	24.42 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT1_7 24112	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.85 0.93 0.00	18.35 1.07 0.00	25.95 1.48 0.00	35.47 2.19 0.00	46.36 3.01 0.00	35.68 2.48 0.00	36.14 2.48 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.46 0.00	32.90 2.45 0.00	42.18 3.19 0.00	38.26 3.00 0.00	29.68 2.22 -0.45	24.42 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT1_8 24113	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.85 0.93 0.00	18.35 1.07 0.00	25.95 1.48 0.00	35.47 2.19 0.00	46.36 3.01 0.00	35.68 2.48 0.00	36.14 2.48 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.46 0.00	32.90 2.45 0.00	42.18 3.19 0.00	38.26 3.00 0.00	29.68 2.22 -0.45	24.42 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT2_1 24114	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.14 2.48 0.00	29.96 2.07 0.00	28.37 1.92 0.00	26.32 1.83 0.00	28.26 1.99 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT2_2 24115	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.14 2.48 0.00	29.96 2.07 0.00	28.37 1.92 0.00	26.32 1.83 0.00	28.26 1.99 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT2_3 24116	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.14 2.48 0.00	29.96 2.07 0.00	28.37 1.92 0.00	26.32 1.83 0.00	28.26 1.99 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT2_4 24117	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.14 2.48 0.00	29.96 2.07 0.00	28.37 1.92 0.00	26.32 1.83 0.00	28.26 1.99 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT2_5 24118	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.14 2.48 0.00	29.96 2.07 0.00	28.37 1.92 0.00	26.32 1.83 0.00	28.26 1.99 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT2_6 24119	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.14 2.48 0.00	29.96 2.07 0.00	28.37 1.92 0.00	26.32 1.83 0.00	28.26 1.99 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT2_7 24120	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.14 2.48 0.00	29.96 2.07 0.00	28.37 1.92 0.00	26.32 1.83 0.00	28.26 1.99 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00

GOWANUS_GT2_8 24121	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.14 2.48 0.00	29.96 2.07 0.00	28.37 1.92 0.00	26.32 1.83 0.00	28.26 1.99 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT3_1 24122	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT3_2 24123	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT3_3 24124	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT3_4 24125	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT3_5 24126	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 0.00	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT3_6 24127	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT3_7 24128	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT3_8 24129	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT4_1 24130	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.85 0.93 0.00	18.35 1.07 0.00	25.95 1.48 0.00	35.47 2.19 0.00	46.36 3.01 0.00	35.68 2.48 0.00	36.13 2.46 0.00	29.96 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.46 0.00	32.90 2.45 0.00	42.18 3.19 0.00	38.26 3.00 0.00	29.68 2.22 -0.45	24.42 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT4_2 24131	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.85 0.93 0.00	18.35 1.07 0.00	25.95 1.48 0.00	35.47 2.19 0.00	46.36 3.01 0.00	35.68 2.48 0.00	36.13 2.46 0.00	29.96 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.46 0.00	32.90 2.45 0.00	42.18 3.19 0.00	38.26 3.00 0.00	29.68 2.22 -0.45	24.42 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT4_3 24132	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.85 0.93 0.00	18.35 1.07 0.00	25.95 1.48 0.00	35.47 2.19 0.00	46.36 3.01 0.00	35.68 2.48 0.00	36.13 2.46 0.00	29.96 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.46 0.00	32.90 2.45 0.00	42.18 3.19 0.00	38.26 3.00 0.00	29.68 2.22 -0.45	24.42 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT4_4 24133	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.85 0.93 0.00	18.35 1.07 0.00	25.95 1.48 0.00	35.47 2.19 0.00	46.36 3.01 0.00	35.68 2.48 0.00	36.13 2.46 0.00	29.96 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.46 0.00	32.90 2.45 0.00	42.18 3.19 0.00	38.26 3.00 0.00	29.68 2.22 -0.45	24.42 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT4_5 24134	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.85 0.93 0.00	18.35 1.07 0.00	25.95 1.48 0.00	35.47 2.19 0.00	46.36 3.01 0.00	35.68 2.48 0.00	36.13 2.46 0.00	29.96 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.46 0.00	32.90 2.45 0.00	42.18 3.19 0.00	38.26 3.00 0.00	29.68 2.22 -0.45	24.42 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT4_6 24135	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.85 0.93 0.00	18.35 1.07 0.00	25.95 1.48 0.00	35.47 2.19 0.00	46.36 3.01 0.00	35.68 2.48 0.00	36.13 2.46 0.00	29.96 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.46 0.00	32.90 2.45 0.00	42.18 3.19 0.00	38.26 3.00 0.00	29.68 2.22 -0.45	24.42 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00

GOWANUS_GT4_7 24136	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.85 0.93 0.00	18.35 1.07 0.00	25.95 1.48 0.00	35.47 2.19 0.00	46.36 3.01 0.00	35.68 2.48 0.00	36.13 2.46 0.00	29.96 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.46 0.00	32.90 2.45 0.00	42.18 3.19 0.00	38.26 3.00 0.00	29.68 2.22 -0.45	24.42 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GOWANUS_GT4_8 24137	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.85 0.93 0.00	18.35 1.07 0.00	25.95 1.48 0.00	35.47 2.19 0.00	46.36 3.01 0.00	35.68 2.48 0.00	36.13 2.46 0.00	29.96 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.46 0.00	32.90 2.45 0.00	42.18 3.19 0.00	38.26 3.00 0.00	29.68 2.22 -0.45	24.42 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GREENBSH_115KV_TB3 55895	23.06 0.29 0.00	21.21 0.31 0.00	18.89 0.26 0.00	16.16 0.24 0.00	17.60 0.32 0.00	24.85 0.38 0.00	33.86 0.57 0.00	44.22 0.87 0.00	33.95 0.76 0.00	34.38 0.71 0.00	28.38 0.49 0.00	26.81 0.35 0.00	24.81 0.31 0.00	26.67 0.40 0.00	23.65 0.40 0.00	24.77 0.45 0.00	30.04 0.59 0.00	31.15 0.69 0.00	40.04 1.05 0.00	36.15 0.90 0.00	27.65 0.63 0.00	23.09 0.54 0.00	21.32 0.34 0.00	20.62 0.16 0.00
GREENDGE_115KV_TB5 80291	22.79 0.02 0.00	20.81 -0.08 0.00	18.47 -0.17 0.00	15.75 -0.17 0.00	17.12 -0.15 0.00	24.46 -0.02 0.00	33.20 -0.08 0.00	43.66 0.31 0.00	33.36 0.16 0.00	33.92 0.26 0.00	28.21 0.33 0.00	26.73 0.27 0.00	24.72 0.23 0.00	26.43 0.16 0.00	23.42 0.17 0.00	24.64 0.32 0.00	29.88 0.43 0.00	31.01 0.56 0.00	39.71 0.72 0.00	35.99 0.73 0.00	27.55 0.53 0.00	23.06 0.51 0.00	21.45 0.48 0.00	20.96 0.51 0.00
GREENIDGE___3 23582	22.79 0.02 0.00	20.81 -0.08 0.00	18.47 -0.17 0.00	15.75 -0.17 0.00	17.12 -0.15 0.00	24.46 -0.02 0.00	33.20 -0.08 0.00	43.66 0.31 0.00	33.36 0.16 0.00	33.92 0.26 0.00	28.21 0.33 0.00	26.73 0.27 0.00	24.72 0.23 0.00	26.43 0.16 0.00	23.42 0.17 0.00	24.64 0.32 0.00	29.88 0.43 0.00	31.01 0.56 0.00	39.71 0.72 0.00	35.99 0.73 0.00	27.55 0.53 0.00	23.06 0.51 0.00	21.45 0.48 0.00	20.96 0.51 0.00
GREENIDGE___4 23583	22.79 0.02 0.00	20.81 -0.08 0.00	18.47 -0.17 0.00	15.75 -0.17 0.00	17.12 -0.16 0.00	24.46 -0.02 0.00	33.20 -0.08 0.00	43.68 0.33 0.00	33.37 0.17 0.00	33.91 0.25 0.00	28.21 0.32 0.00	26.73 0.27 0.00	24.72 0.23 0.00	26.43 0.16 0.00	23.42 0.17 0.00	24.65 0.34 0.00	29.88 0.43 0.00	31.01 0.56 0.00	39.71 0.72 0.00	35.99 0.73 0.00	27.55 0.53 0.00	23.04 0.48 0.00	21.45 0.48 0.00	20.97 0.51 0.00
GREENLWN_69_KV_BK 3 55738	24.13 1.36 0.00	22.12 1.23 0.00	19.67 1.03 0.00	16.84 0.92 0.00	18.31 1.03 0.00	25.87 1.40 0.00	35.00 1.72 0.00	45.49 2.14 0.00	35.10 1.90 0.00	35.45 1.79 0.00	29.66 1.78 0.00	28.21 1.76 0.00	26.25 1.76 0.00	28.12 1.86 0.00	25.05 1.80 0.00	26.38 2.07 0.00	31.91 2.46 0.00	32.72 2.27 0.00	41.67 2.67 0.00	37.85 2.60 0.00	28.92 1.90 0.00	24.27 1.72 0.00	19.78 1.45 2.64	21.52 1.06 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.85 0.93 0.00	18.35 1.07 0.00	25.95 1.48 0.00	35.47 2.19 0.00	46.36 3.01 0.00	35.68 2.48 0.00	36.14 2.48 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.46 0.00	32.90 2.45 0.00	42.18 3.19 0.00	38.26 3.00 0.00	29.68 2.22 -0.45	24.42 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
GRISSOM___SOLAR 323813	23.94 1.17 0.00	22.01 1.12 0.00	19.63 0.99 0.00	16.74 0.81 0.00	18.18 0.90 0.00	25.91 1.43 0.00	35.62 2.33 0.00	46.35 3.00 0.00	35.14 1.94 0.00	35.60 1.94 0.00	29.45 1.56 0.00	27.32 0.86 0.00	25.08 0.59 0.00	26.95 0.68 0.00	24.23 0.98 0.00	25.03 0.72 0.00	30.81 1.35 0.00	32.32 1.87 0.00	41.55 2.55 0.00	37.57 2.32 0.00	28.74 1.72 0.00	23.96 1.40 0.00	22.31 1.34 0.00	21.69 1.24 0.00
GROVEVILLE___HYD 323602	24.09 1.31 0.00	22.13 1.24 0.00	19.68 1.04 0.00	16.84 0.91 0.00	18.34 1.06 0.00	25.97 1.50 0.00	35.42 2.14 0.00	46.26 2.92 0.00	35.50 2.30 0.00	35.90 2.24 0.00	29.75 1.86 0.00	28.15 1.69 0.00	26.11 1.62 0.00	28.02 1.75 0.00	24.85 1.60 0.00	26.09 1.78 0.00	31.65 2.20 0.00	32.76 2.30 0.00	42.08 3.09 0.00	38.09 2.84 0.00	29.11 2.09 0.00	24.27 1.72 0.00	22.36 1.39 0.00	21.59 1.14 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.70 -0.07 0.00	20.79 -0.10 0.00	18.52 -0.11 0.00	15.79 -0.14 0.00	17.14 -0.14 0.00	24.35 -0.12 0.00	33.22 -0.06 0.00	43.92 0.57 0.00	33.50 0.30 0.00	33.99 0.33 0.00	28.18 0.29 0.00	26.67 0.21 0.00	24.63 0.13 0.00	26.36 0.09 0.00	23.31 0.06 0.00	24.45 0.13 0.00	29.67 0.22 0.00	30.80 0.35 0.00	39.52 0.52 0.00	35.78 0.52 0.00	27.35 0.33 0.00	22.78 0.23 0.00	21.21 0.23 0.00	20.83 0.38 0.00
HAMLTNNY_34_KV_TB 80303	22.70 -0.07 0.00	20.77 -0.12 0.00	18.51 -0.13 0.00	15.80 -0.12 0.00	17.15 -0.13 0.00	24.38 -0.10 0.00	33.33 0.04 0.00	44.62 1.27 0.00	33.97 0.77 0.00	34.50 0.84 0.00	28.60 0.72 0.00	27.07 0.61 0.00	24.95 0.46 0.00	26.69 0.43 0.00	23.64 0.39 0.00	24.80 0.49 0.00	30.13 0.68 0.00	31.32 0.87 0.00	40.22 1.22 0.00	36.43 1.18 0.00	27.81 0.78 0.00	23.14 0.59 0.00	21.53 0.55 0.00	21.13 0.68 0.00
HAMPSHIRE___PAPER_HYD 323593	22.45 -0.33 0.00	20.56 -0.33 0.00	18.46 -0.17 0.00	15.79 -0.14 0.00	17.04 -0.24 0.00	24.18 -0.30 0.00	33.17 -0.11 0.00	43.20 -0.15 0.00	33.07 -0.12 0.00	33.58 -0.08 0.00	27.52 -0.37 0.00	26.17 -0.29 0.00	24.27 -0.23 0.00	25.99 -0.27 0.00	23.01 -0.25 0.00	24.02 -0.30 0.00	29.28 -0.17 0.00	30.43 -0.03 0.00	39.19 0.20 0.00	35.37 0.12 0.00	27.01 -0.01 0.00	22.33 -0.22 0.00	20.74 -0.23 0.00	20.35 -0.10 0.00
HARDSCRABBLE_WT_PWR 323673	23.20 0.43 0.00	21.35 0.45 0.00	19.01 0.37 0.00	16.22 0.29 0.00	17.64 0.36 0.00	25.01 0.53 0.00	34.01 0.72 0.00	44.57 1.21 0.00	33.97 0.78 0.00	34.48 0.82 0.00	28.50 0.61 0.00	26.80 0.34 0.00	24.74 0.24 0.00	26.51 0.24 0.00	23.44 0.18 0.00	24.49 0.18 0.00	30.00 0.55 0.00	31.19 0.74 0.00	40.19 1.20 0.00	36.40 1.15 0.00	27.78 0.76 0.00	23.20 0.65 0.00	21.57 0.60 0.00	20.84 0.39 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.97 1.20 0.00	22.02 1.12 0.00	19.56 0.93 0.00	16.75 0.82 0.00	18.24 0.96 0.00	25.84 1.36 0.00	35.24 1.95 0.00	46.01 2.66 0.00	35.24 2.04 0.00	35.63 1.98 0.00	29.55 1.67 0.00	27.97 1.51 0.00	25.98 1.48 0.00	27.87 1.60 0.00	24.72 1.46 0.00	25.96 1.64 0.00	31.50 2.04 0.00	32.54 2.09 0.00	41.77 2.78 0.00	37.80 2.55 0.00	28.88 1.86 0.00	24.09 1.53 0.00	22.24 1.27 0.00	21.48 1.03 0.00

HARSNRAD_115KV_TB1 81005	22.06 -0.71 0.00	20.07 -0.83 0.00	17.88 -0.76 0.00	15.34 -0.59 0.00	16.62 -0.66 0.00	23.86 -0.61 0.00	32.12 -1.17 0.00	41.76 -1.59 0.00	32.05 -1.15 0.00	32.85 -0.81 0.00	27.28 -0.61 0.00	25.84 -0.62 0.00	23.85 -0.64 0.00	25.53 -0.73 0.00	22.64 -0.62 0.00	23.58 -0.73 0.00	28.43 -1.02 0.00	29.62 -0.83 0.00	37.93 -1.06 0.00	34.44 -0.81 0.00	26.32 -0.70 0.00	22.20 -0.36 0.00	20.84 -0.14 0.00	20.45 -0.01 0.00
HARZA MOOSE__RIVER 24016	22.78 0.01 0.00	20.87 -0.03 0.00	18.71 0.08 0.00	16.01 0.08 0.00	17.28 0.00 0.00	24.53 0.06 0.00	33.76 0.47 0.00	43.95 0.60 0.00	33.53 0.33 0.00	33.96 0.30 0.00	27.85 -0.04 0.00	26.46 0.00 0.00	24.61 0.11 0.00	26.31 0.04 0.00	23.28 0.03 0.00	24.37 0.05 0.00	29.73 0.28 0.00	30.95 0.50 0.00	39.93 0.94 0.00	36.04 0.79 0.00	27.46 0.44 0.00	22.73 0.17 0.00	21.15 0.18 0.00	20.79 0.34 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	22.54 -0.23 0.00	20.64 -0.26 0.00	18.38 -0.25 0.00	15.69 -0.24 0.00	17.01 -0.26 0.00	24.17 -0.30 0.00	32.96 -0.32 0.00	43.13 -0.22 0.00	32.99 -0.20 0.00	33.45 -0.21 0.00	27.71 -0.17 0.00	26.27 -0.18 0.00	24.29 -0.20 0.00	26.01 -0.25 0.00	22.99 -0.26 0.00	24.12 -0.20 0.00	29.23 -0.23 0.00	30.28 -0.17 0.00	38.82 -0.17 0.00	35.13 -0.12 0.00	26.89 -0.13 0.00	22.43 -0.13 0.00	20.86 -0.12 0.00	20.48 0.03 0.00
HELLGATE_13_KV_LD 55870	24.11 1.33 0.00	22.16 1.27 0.00	19.67 1.04 0.00	16.83 0.90 0.00	18.32 1.04 0.00	25.88 1.40 0.00	35.37 2.08 0.00	46.21 2.86 0.00	35.57 2.38 0.00	36.01 2.35 0.00	29.89 2.00 0.00	28.29 1.83 0.00	26.26 1.76 0.00	28.18 1.91 0.00	25.04 1.78 0.00	26.26 1.95 0.00	31.81 2.36 0.00	32.82 2.36 0.00	42.05 3.05 0.00	38.11 2.86 0.00	29.57 2.10 -0.45	24.31 1.76 0.00	22.39 1.41 0.00	21.57 1.12 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	24.11 1.33 0.00	22.16 1.27 0.00	19.67 1.04 0.00	16.83 0.90 0.00	18.32 1.04 0.00	25.88 1.40 0.00	35.37 2.08 0.00	46.21 2.86 0.00	35.57 2.38 0.00	36.01 2.35 0.00	29.89 2.00 0.00	28.29 1.83 0.00	26.26 1.76 0.00	28.18 1.91 0.00	25.04 1.78 0.00	26.26 1.95 0.00	31.81 2.36 0.00	32.82 2.36 0.00	42.05 3.05 0.00	38.11 2.86 0.00	29.57 2.10 -0.45	24.31 1.76 0.00	22.39 1.41 0.00	21.57 1.12 0.00
HEMPSTEAD____ 23647	24.07 1.30 0.00	22.09 1.19 0.00	19.64 1.00 0.00	16.81 0.89 0.00	18.30 1.02 0.00	25.90 1.42 0.00	35.16 1.87 0.00	45.75 2.40 0.00	35.30 2.10 0.00	35.70 2.03 0.00	29.77 1.88 0.00	28.25 1.79 -0.01	26.27 1.77 -0.01	28.15 1.88 0.00	25.06 1.80 0.00	26.35 2.04 0.00	31.90 2.45 0.00	32.79 2.33 0.00	41.86 2.87 0.00	38.02 2.76 0.00	29.07 2.05 0.00	24.34 1.79 0.00	30.13 1.44 -7.72	21.54 1.08 0.00
HEWLETT__69_KV_BK3 55828	24.29 1.52 0.00	22.27 1.38 0.00	19.79 1.16 0.00	16.95 1.02 0.00	18.45 1.17 0.00	26.13 1.66 0.00	35.36 2.07 0.00	45.97 2.62 0.00	35.49 2.29 0.00	35.86 2.21 0.00	29.89 2.00 0.00	28.45 1.96 -0.03	26.42 1.90 -0.03	28.27 1.99 -0.01	25.16 1.91 0.00	26.55 2.22 -0.02	32.05 2.60 0.00	32.89 2.44 0.00	42.02 3.03 0.00	38.15 2.90 0.00	29.22 2.19 0.00	24.49 1.93 0.00	60.22 1.68 -37.57	21.75 1.30 0.00
HICKLING__1 23621	22.84 0.06 0.00	20.83 -0.06 0.00	18.45 -0.19 0.00	15.73 -0.20 0.00	17.10 -0.18 0.00	24.45 -0.02 0.00	33.33 0.05 0.00	43.77 0.42 0.00	33.49 0.29 0.00	34.15 0.49 0.00	28.37 0.49 0.00	26.82 0.36 0.00	24.80 0.31 0.00	26.52 0.26 0.00	23.47 0.22 0.00	24.75 0.44 0.00	30.09 0.64 0.00	31.19 0.74 0.00	40.03 1.03 0.00	36.26 1.01 0.00	27.73 0.71 0.00	23.09 0.54 0.00	21.45 0.48 0.00	20.94 0.48 0.00
HICKLING__2 23622	22.84 0.06 0.00	20.83 -0.06 0.00	18.45 -0.19 0.00	15.73 -0.20 0.00	17.10 -0.18 0.00	24.45 -0.02 0.00	33.33 0.05 0.00	43.77 0.42 0.00	33.49 0.29 0.00	34.15 0.49 0.00	28.37 0.49 0.00	26.82 0.36 0.00	24.80 0.31 0.00	26.52 0.26 0.00	23.47 0.22 0.00	24.75 0.44 0.00	30.09 0.64 0.00	31.19 0.74 0.00	40.03 1.03 0.00	36.26 1.01 0.00	27.73 0.71 0.00	23.09 0.54 0.00	21.45 0.48 0.00	20.94 0.48 0.00
HIGH FALLS__HY 23754	24.18 1.41 0.00	22.20 1.31 0.00	19.74 1.10 0.00	16.89 0.96 0.00	18.39 1.11 0.00	26.06 1.58 0.00	35.57 2.29 0.00	46.44 3.09 0.00	35.35 2.16 0.00	35.72 2.06 0.00	29.56 1.67 0.00	27.97 1.51 0.00	25.98 1.48 0.00	27.85 1.59 0.00	24.66 1.41 0.00	25.95 1.64 0.00	31.53 2.08 0.00	32.69 2.23 0.00	42.00 3.01 0.00	38.07 2.82 0.00	29.09 2.07 0.00	24.27 1.72 0.00	22.45 1.48 0.00	21.69 1.24 0.00
HILLBURN__GT 23639	23.94 1.17 0.00	22.00 1.10 0.00	19.54 0.91 0.00	16.73 0.80 0.00	18.22 0.95 0.00	25.82 1.34 0.00	35.20 1.91 0.00	45.94 2.59 0.00	35.15 1.95 0.00	35.54 1.88 0.00	29.49 1.60 0.00	27.90 1.44 0.00	25.93 1.44 0.00	27.84 1.58 0.00	24.71 1.46 0.00	25.95 1.64 0.00	31.46 2.01 0.00	32.47 2.02 0.00	41.65 2.66 0.00	37.68 2.43 0.00	28.78 1.76 0.00	24.02 1.47 0.00	22.21 1.23 0.00	21.44 0.99 0.00
HILLSIDE_115KV_TB1 80332	22.58 -0.19 0.00	20.59 -0.30 0.00	18.25 -0.38 0.00	15.58 -0.34 0.00	16.94 -0.34 0.00	24.16 -0.31 0.00	32.95 -0.33 0.00	43.27 -0.09 0.00	33.02 -0.17 0.00	33.64 -0.02 0.00	27.94 0.06 0.00	26.41 -0.06 0.00	24.43 -0.06 0.00	26.15 -0.12 0.00	23.12 -0.13 0.00	24.41 0.10 0.00	29.67 0.22 0.00	30.72 0.27 0.00	39.40 0.40 0.00	35.66 0.41 0.00	27.29 0.27 0.00	22.72 0.17 0.00	21.15 0.17 0.00	20.64 0.19 0.00
HISHELDN_WT_PWR 323625	22.31 -0.46 0.00	20.32 -0.57 0.00	18.03 -0.61 0.00	15.39 -0.54 0.00	16.73 -0.55 0.00	24.03 -0.45 0.00	32.50 -0.78 0.00	42.42 -0.93 0.00	32.52 -0.68 0.00	33.34 -0.32 0.00	27.73 -0.15 0.00	26.20 -0.26 0.00	24.17 -0.32 0.00	25.85 -0.42 0.00	22.87 -0.38 0.00	23.92 -0.39 0.00	28.95 -0.50 0.00	30.14 -0.31 0.00	38.67 -0.33 0.00	35.13 -0.12 0.00	26.85 -0.17 0.00	22.52 -0.03 0.00	21.11 0.13 0.00	20.67 0.22 0.00
HOLTSVILLE_IC_1 23690	24.29 1.52 0.00	22.25 1.35 0.00	19.79 1.15 0.00	16.97 1.04 0.00	18.46 1.18 0.00	26.08 1.61 0.00	35.33 2.05 0.00	45.81 2.45 0.00	35.53 2.34 0.00	35.90 2.24 0.00	29.94 2.06 0.00	28.48 2.03 0.00	26.53 2.04 0.00	28.38 2.12 0.00	25.32 2.07 0.00	26.66 2.35 0.00	32.34 2.89 0.00	33.24 2.79 0.00	42.20 3.20 0.00	38.35 3.10 0.00	29.31 2.29 0.00	24.60 2.05 0.00	19.42 1.60 3.15	21.68 1.23 0.00
HOLTSVILLE_IC_10 23699	24.39 1.61 0.00	22.32 1.43 0.00	19.86 1.22 0.00	17.03 1.10 0.00	18.52 1.24 0.00	26.18 1.71 0.00	35.47 2.19 0.00	45.97 2.62 0.00	35.73 2.53 0.00	36.09 2.43 0.00	30.11 2.22 0.00	28.65 2.19 0.00	26.67 2.18 0.00	28.53 2.27 0.00	25.46 2.21 0.00	26.81 2.50 0.00	32.54 3.09 0.00	33.48 3.03 0.00	42.48 3.49 0.00	38.60 3.35 0.00	29.49 2.47 0.00	24.75 2.20 0.00	19.71 1.69 2.95	21.76 1.31 0.00

HOLTSVILLE_IC_2 23691	24.29 1.52 0.00	22.25 1.35 0.00	19.79 1.15 0.00	16.97 1.04 0.00	18.46 1.18 0.00	26.08 1.61 0.00	35.33 2.05 0.00	45.81 2.45 0.00	35.53 2.34 0.00	35.90 2.24 0.00	29.94 2.06 0.00	28.48 2.03 0.00	26.53 2.04 0.00	28.38 2.12 0.00	25.32 2.07 0.00	26.66 2.35 0.00	32.34 2.89 0.00	33.24 2.79 0.00	42.20 3.20 0.00	38.35 3.10 0.00	29.31 2.29 0.00	24.60 2.05 0.00	19.42 1.60 3.15	21.68 1.23 0.00
HOLTSVILLE_IC_3 23692	24.29 1.52 0.00	22.25 1.35 0.00	19.79 1.15 0.00	16.97 1.04 0.00	18.46 1.18 0.00	26.08 1.61 0.00	35.33 2.05 0.00	45.81 2.45 0.00	35.53 2.34 0.00	35.90 2.24 0.00	29.94 2.06 0.00	28.48 2.03 0.00	26.53 2.04 0.00	28.38 2.12 0.00	25.32 2.07 0.00	26.66 2.35 0.00	32.34 2.89 0.00	33.24 2.79 0.00	42.20 3.20 0.00	38.35 3.10 0.00	29.31 2.29 0.00	24.60 2.05 0.00	19.42 1.60 3.15	21.68 1.23 0.00
HOLTSVILLE_IC_4 23693	24.29 1.52 0.00	22.25 1.35 0.00	19.79 1.15 0.00	16.97 1.04 0.00	18.46 1.18 0.00	26.08 1.61 0.00	35.33 2.05 0.00	45.81 2.45 0.00	35.53 2.34 0.00	35.90 2.24 0.00	29.94 2.06 0.00	28.48 2.03 0.00	26.53 2.04 0.00	28.38 2.12 0.00	25.32 2.07 0.00	26.66 2.35 0.00	32.34 2.89 0.00	33.24 2.79 0.00	42.20 3.20 0.00	38.35 3.10 0.00	29.31 2.29 0.00	24.60 2.05 0.00	19.42 1.60 3.15	21.68 1.23 0.00
HOLTSVILLE_IC_5 23694	24.29 1.52 0.00	22.25 1.35 0.00	19.79 1.15 0.00	16.97 1.04 0.00	18.46 1.18 0.00	26.08 1.61 0.00	35.33 2.05 0.00	45.81 2.45 0.00	35.53 2.34 0.00	35.90 2.24 0.00	29.94 2.06 0.00	28.48 2.03 0.00	26.53 2.04 0.00	28.38 2.12 0.00	25.32 2.07 0.00	26.66 2.35 0.00	32.34 2.89 0.00	33.24 2.79 0.00	42.20 3.20 0.00	38.35 3.10 0.00	29.31 2.29 0.00	24.60 2.05 0.00	19.42 1.60 3.15	21.68 1.23 0.00
HOLTSVILLE_IC_6 23695	24.39 1.61 0.00	22.32 1.43 0.00	19.86 1.22 0.00	17.03 1.10 0.00	18.52 1.24 0.00	26.18 1.71 0.00	35.47 2.19 0.00	45.97 2.62 0.00	35.73 2.53 0.00	36.09 2.43 0.00	30.11 2.22 0.00	28.65 2.19 0.00	26.67 2.18 0.00	28.53 2.27 0.00	25.46 2.21 0.00	26.81 2.50 0.00	32.54 3.09 0.00	33.48 3.03 0.00	42.48 3.49 0.00	38.60 3.35 0.00	29.49 2.47 0.00	24.75 2.20 0.00	19.71 1.69 2.95	21.76 1.31 0.00
HOLTSVILLE_IC_7 23696	24.39 1.61 0.00	22.32 1.43 0.00	19.86 1.22 0.00	17.03 1.10 0.00	18.52 1.24 0.00	26.18 1.71 0.00	35.47 2.19 0.00	45.97 2.62 0.00	35.73 2.53 0.00	36.09 2.43 0.00	30.11 2.22 0.00	28.65 2.19 0.00	26.67 2.18 0.00	28.53 2.27 0.00	25.46 2.21 0.00	26.81 2.50 0.00	32.54 3.09 0.00	33.48 3.03 0.00	42.48 3.49 0.00	38.60 3.35 0.00	29.49 2.47 0.00	24.75 2.20 0.00	19.71 1.69 2.95	21.76 1.31 0.00
HOLTSVILLE_IC_8 23697	24.39 1.61 0.00	22.32 1.43 0.00	19.86 1.22 0.00	17.03 1.10 0.00	18.52 1.24 0.00	26.18 1.71 0.00	35.47 2.19 0.00	45.97 2.62 0.00	35.73 2.53 0.00	36.09 2.43 0.00	30.11 2.22 0.00	28.65 2.19 0.00	26.67 2.18 0.00	28.53 2.27 0.00	25.46 2.21 0.00	26.81 2.50 0.00	32.54 3.09 0.00	33.48 3.03 0.00	42.48 3.49 0.00	38.60 3.35 0.00	29.49 2.47 0.00	24.75 2.20 0.00	19.71 1.69 2.95	21.76 1.31 0.00
HOLTSVILLE_IC_9 23698	24.39 1.61 0.00	22.32 1.43 0.00	19.86 1.22 0.00	17.03 1.10 0.00	18.52 1.24 0.00	26.18 1.71 0.00	35.47 2.19 0.00	45.97 2.62 0.00	35.73 2.53 0.00	36.09 2.43 0.00	30.11 2.22 0.00	28.65 2.19 0.00	26.67 2.18 0.00	28.53 2.27 0.00	25.46 2.21 0.00	26.81 2.50 0.00	32.54 3.09 0.00	33.48 3.03 0.00	42.48 3.49 0.00	38.60 3.35 0.00	29.49 2.47 0.00	24.75 2.20 0.00	19.71 1.69 2.95	21.76 1.31 0.00
HOMER_HL_115KV_TB2 355744	23.05 0.28 0.00	21.00 0.11 0.00	18.66 0.02 0.00	15.98 0.06 0.00	17.37 0.09 0.00	24.88 0.41 0.00	33.75 0.46 0.00	44.21 0.86 0.00	33.76 0.56 0.00	34.66 1.00 0.00	28.78 0.89 0.00	27.18 0.72 0.00	25.14 0.65 0.00	26.93 0.67 0.00	23.83 0.58 0.00	24.94 0.63 0.00	30.02 0.57 0.00	31.18 0.73 0.00	40.09 1.09 0.00	36.34 1.09 0.00	27.72 0.70 0.00	23.23 0.67 0.00	21.65 0.68 0.00	21.12 0.67 0.00
HOWARD_WT_PWR 323690	22.68 -0.09 0.00	20.79 -0.11 0.00	18.24 -0.40 0.00	15.45 -0.48 0.00	16.92 -0.36 0.00	24.12 -0.35 0.00	32.71 -0.57 0.00	42.84 -0.51 0.00	32.90 -0.30 0.00	33.78 0.12 0.00	28.13 0.25 0.00	26.62 0.16 0.00	24.51 0.02 0.00	26.22 -0.05 0.00	23.26 0.01 0.00	24.54 0.22 0.00	29.88 0.43 0.00	31.16 0.71 0.00	40.12 1.12 0.00	36.39 1.14 0.00	27.81 0.79 0.00	23.21 0.66 0.00	21.65 0.67 0.00	21.15 0.70 0.00
HQ_GEN_CEDARS 23644	22.73 -0.04 0.00	20.87 -0.03 0.00	18.66 0.03 0.00	15.95 0.02 0.00	17.27 -0.01 0.00	24.47 -0.01 0.00	33.22 -0.07 0.00	43.27 -0.08 0.00	33.11 -0.09 0.00	33.70 0.04 0.00	27.83 -0.05 0.00	26.45 -0.01 0.00	24.42 -0.07 0.00	26.20 -0.06 0.00	23.21 -0.04 0.00	24.22 -0.10 0.00	29.34 -0.11 0.00	30.30 -0.15 0.00	38.71 -0.29 0.00	34.96 -0.29 0.00	26.83 -0.19 0.00	22.37 -0.18 0.00	20.87 -0.11 0.00	20.29 -0.16 0.00
HQ_GEN_CEDARS_PROXY 323590	22.73 -0.04 0.00	20.87 -0.03 0.00	18.66 0.03 0.00	15.95 0.02 0.00	17.27 -0.01 0.00	24.47 -0.01 0.00	33.22 -0.07 0.00	43.27 -0.08 0.00	33.11 -0.08 0.00	33.70 0.04 0.00	27.83 -0.05 0.00	26.45 -0.01 0.00	24.42 -0.07 0.00	26.20 -0.06 0.00	23.21 -0.04 0.00	24.22 -0.10 0.00	29.34 -0.11 0.00	30.30 -0.15 0.00	38.71 -0.28 0.00	34.96 -0.29 0.00	26.83 -0.19 0.00	22.37 -0.18 0.00	20.87 -0.11 0.00	20.29 -0.16 0.00
HQ_GEN_IMPORT 323601	22.64 -0.13 0.00	20.78 -0.12 0.00	18.56 -0.08 0.00	15.85 -0.07 0.00	17.19 -0.09 0.00	24.34 -0.13 0.00	33.02 -0.26 0.00	42.97 -0.38 0.00	32.90 -0.30 0.00	33.42 -0.24 0.00	27.71 -0.17 0.00	26.35 -0.10 0.00	24.36 -0.13 0.00	26.14 -0.13 0.00	23.15 -0.10 0.00	24.17 -0.15 0.00	29.25 -0.20 0.00	28.80 -0.29 1.36	38.51 -0.48 0.00	35.53 -0.45 -0.72	26.74 -0.28 0.00	22.32 -0.23 0.00	20.83 -0.15 0.00	20.28 -0.17 0.00
HQ_GEN_WHEEL 23651	22.64 -0.13 0.00	20.78 -0.12 0.00	18.56 -0.08 0.00	15.85 -0.07 0.00	17.19 -0.09 0.00	24.34 -0.13 0.00	33.02 -0.26 0.00	42.97 -0.38 0.00	32.90 -0.30 0.00	33.42 -0.24 0.00	27.71 -0.17 0.00	26.35 -0.10 0.00	24.36 -0.13 0.00	26.14 -0.13 0.00	23.15 -0.10 0.00	24.17 -0.15 0.00	29.25 -0.20 0.00	28.80 -0.29 1.36	38.51 -0.48 0.00	35.53 -0.45 -0.72	26.74 -0.28 0.00	22.32 -0.23 0.00	20.83 -0.15 0.00	20.28 -0.17 0.00
HUDSON_AVE_GT_3 23810	24.10 1.33 0.00	22.15 1.26 0.00	19.66 1.03 0.00	16.83 0.90 0.00	18.32 1.04 0.00	25.92 1.44 0.00	35.40 2.11 0.00	46.19 2.84 0.00	35.53 2.34 0.00	35.99 2.33 0.00	29.87 1.98 0.00	28.29 1.84 0.00	26.26 1.77 0.00	28.20 1.94 0.00	25.05 1.79 0.00	26.26 1.95 0.00	31.80 2.35 0.00	32.80 2.34 0.00	41.99 3.00 0.00	38.06 2.81 0.00	29.08 2.06 0.00	24.29 1.73 0.00	22.39 1.42 0.00	21.57 1.12 0.00

HUDSON AVE_GT_4 23540	24.10 1.33 0.00	22.15 1.26 0.00	19.66 1.03 0.00	16.83 0.90 0.00	18.32 1.04 0.00	25.92 1.44 0.00	35.40 2.11 0.00	46.19 2.84 0.00	35.53 2.34 0.00	35.99 2.33 0.00	29.87 1.98 0.00	28.29 1.84 0.00	26.26 1.77 0.00	28.20 1.94 0.00	25.05 1.79 0.00	26.26 1.95 0.00	31.80 2.35 0.00	32.80 2.34 0.00	41.99 3.00 0.00	38.06 2.81 0.00	29.08 2.06 0.00	24.29 1.73 0.00	22.39 1.42 0.00	21.57 1.12 0.00
HUDSON AVE_GT_5 23657	24.10 1.33 0.00	22.15 1.26 0.00	19.66 1.03 0.00	16.83 0.90 0.00	18.32 1.04 0.00	25.92 1.44 0.00	35.40 2.11 0.00	46.19 2.84 0.00	35.53 2.34 0.00	35.99 2.33 0.00	29.87 1.98 0.00	28.29 1.84 0.00	26.26 1.77 0.00	28.20 1.94 0.00	25.05 1.79 0.00	26.26 1.95 0.00	31.80 2.35 0.00	32.80 2.34 0.00	41.99 3.00 0.00	38.06 2.81 0.00	29.08 2.06 0.00	24.29 1.73 0.00	22.39 1.42 0.00	21.57 1.12 0.00
HUDSON_AVE_10 24168	24.10 1.33 0.00	22.18 1.29 0.00	19.69 1.05 0.00	16.85 0.92 0.00	18.34 1.06 0.00	25.95 1.47 0.00	35.40 2.12 0.00	46.20 2.84 0.00	35.55 2.36 0.00	35.98 2.32 0.00	29.84 1.95 0.00	28.26 1.80 0.00	26.22 1.73 0.00	28.15 1.88 0.00	24.99 1.74 0.00	26.21 1.89 0.00	31.75 2.30 0.00	32.75 2.30 0.00	41.89 2.90 0.00	37.98 2.73 0.00	29.02 2.00 0.00	24.24 1.68 0.00	22.36 1.39 0.00	21.54 1.08 0.00
HUDSON___115KV_TB 4 355613	23.69 0.92 0.00	21.77 0.88 0.00	19.41 0.77 0.00	16.61 0.68 0.00	18.10 0.82 0.00	25.59 1.12 0.00	34.98 1.69 0.00	45.90 2.55 0.00	35.96 2.76 0.00	36.34 2.68 0.00	29.82 1.94 0.00	27.97 1.51 0.00	25.68 1.19 0.00	27.47 1.20 0.00	24.39 1.14 0.00	25.20 0.88 0.00	30.60 1.15 0.00	31.82 1.36 0.00	40.97 1.98 0.00	36.99 1.74 0.00	28.28 1.26 0.00	23.59 1.04 0.00	21.75 0.77 0.00	21.01 0.55 0.00
HUNTER MOUNT___DRP 323613	23.76 0.99 0.00	21.83 0.94 0.00	19.48 0.84 0.00	16.67 0.74 0.00	18.17 0.89 0.00	25.70 1.23 0.00	35.15 1.86 0.00	46.21 2.86 0.00	36.73 3.53 0.00	37.07 3.41 0.00	30.34 2.45 0.00	28.38 1.92 0.00	25.98 1.49 0.00	27.73 1.47 0.00	24.60 1.35 0.00	25.26 0.95 0.00	30.72 1.27 0.00	32.00 1.54 0.00	41.22 2.23 0.00	37.19 1.94 0.00	28.44 1.42 0.00	23.71 1.16 0.00	21.84 0.86 0.00	21.08 0.62 0.00
HUNTINGTON_RES_REC 323705	24.21 1.44 0.00	22.18 1.29 0.00	19.72 1.09 0.00	16.90 0.97 0.00	18.38 1.10 0.00	25.96 1.49 0.00	35.15 1.86 0.00	45.63 2.28 0.00	35.38 2.18 0.00	35.73 2.07 0.00	29.85 1.97 0.00	28.44 1.98 0.00	26.45 1.96 0.00	28.32 2.06 0.00	25.24 1.98 0.00	26.59 2.28 0.00	32.23 2.78 0.00	33.10 2.64 0.00	42.05 3.06 0.00	38.22 2.97 0.00	29.20 2.18 0.00	24.52 1.97 0.00	19.54 1.52 2.95	21.60 1.15 0.00
HUNTLEY___63 23557	22.30 -0.48 0.00	20.30 -0.60 0.00	18.08 -0.56 0.00	15.50 -0.43 0.00	16.79 -0.48 0.00	24.11 -0.36 0.00	32.49 -0.80 0.00	42.16 -1.19 0.00	32.30 -0.90 0.00	33.12 -0.54 0.00	27.51 -0.37 0.00	26.05 -0.40 0.00	24.05 -0.44 0.00	25.75 -0.52 0.00	22.82 -0.44 0.00	23.77 -0.55 0.00	28.67 -0.78 0.00	29.87 -0.58 0.00	38.23 -0.77 0.00	34.71 -0.54 0.00	26.54 -0.48 0.00	22.39 -0.16 0.00	21.03 0.06 0.00	20.65 0.20 0.00
HUNTLEY___64 23558	22.30 -0.48 0.00	20.30 -0.60 0.00	18.08 -0.56 0.00	15.50 -0.43 0.00	16.79 -0.48 0.00	24.11 -0.36 0.00	32.49 -0.80 0.00	42.16 -1.19 0.00	32.30 -0.90 0.00	33.12 -0.54 0.00	27.51 -0.37 0.00	26.05 -0.40 0.00	24.05 -0.44 0.00	25.75 -0.52 0.00	22.82 -0.44 0.00	23.77 -0.55 0.00	28.67 -0.78 0.00	29.87 -0.58 0.00	38.23 -0.77 0.00	34.71 -0.54 0.00	26.54 -0.48 0.00	22.39 -0.16 0.00	21.03 0.06 0.00	20.65 0.20 0.00
HUNTLEY___65 23559	22.30 -0.48 0.00	20.30 -0.60 0.00	18.08 -0.56 0.00	15.50 -0.43 0.00	16.79 -0.48 0.00	24.11 -0.36 0.00	32.49 -0.80 0.00	42.16 -1.19 0.00	32.30 -0.90 0.00	33.12 -0.54 0.00	27.51 -0.37 0.00	26.05 -0.40 0.00	24.05 -0.44 0.00	25.75 -0.52 0.00	22.82 -0.44 0.00	23.77 -0.55 0.00	28.67 -0.78 0.00	29.87 -0.58 0.00	38.23 -0.77 0.00	34.71 -0.54 0.00	26.54 -0.48 0.00	22.39 -0.16 0.00	21.03 0.06 0.00	20.65 0.20 0.00
HUNTLEY___66 23560	22.30 -0.48 0.00	20.30 -0.60 0.00	18.08 -0.56 0.00	15.50 -0.43 0.00	16.79 -0.48 0.00	24.11 -0.36 0.00	32.49 -0.80 0.00	42.16 -1.19 0.00	32.30 -0.90 0.00	33.12 -0.54 0.00	27.51 -0.37 0.00	26.05 -0.40 0.00	24.05 -0.44 0.00	25.75 -0.52 0.00	22.82 -0.44 0.00	23.77 -0.55 0.00	28.67 -0.78 0.00	29.87 -0.58 0.00	38.23 -0.77 0.00	34.71 -0.54 0.00	26.54 -0.48 0.00	22.39 -0.16 0.00	21.03 0.06 0.00	20.65 0.20 0.00
HUNTLEY___67 23561	22.12 -0.66 0.00	20.12 -0.77 0.00	17.92 -0.71 0.00	15.37 -0.56 0.00	16.64 -0.63 0.00	23.89 -0.58 0.00	32.20 -1.09 0.00	41.92 -1.43 0.00	32.17 -1.03 0.00	32.99 -0.67 0.00	27.39 -0.49 0.00	25.95 -0.51 0.00	23.96 -0.53 0.00	25.66 -0.61 0.00	22.73 -0.52 0.00	23.69 -0.62 0.00	28.58 -0.87 0.00	29.75 -0.70 0.00	38.13 -0.86 0.00	34.62 -0.64 0.00	26.45 -0.57 0.00	22.28 -0.28 0.00	20.90 -0.07 0.00	20.51 0.05 0.00
HUNTLEY___68 23562	22.12 -0.66 0.00	20.12 -0.77 0.00	17.92 -0.71 0.00	15.37 -0.56 0.00	16.64 -0.63 0.00	23.89 -0.58 0.00	32.20 -1.09 0.00	41.92 -1.43 0.00	32.17 -1.03 0.00	32.99 -0.67 0.00	27.39 -0.49 0.00	25.95 -0.51 0.00	23.96 -0.53 0.00	25.66 -0.61 0.00	22.73 -0.52 0.00	23.69 -0.62 0.00	28.58 -0.87 0.00	29.75 -0.70 0.00	38.13 -0.86 0.00	34.62 -0.64 0.00	26.45 -0.57 0.00	22.28 -0.28 0.00	20.90 -0.07 0.00	20.51 0.05 0.00
HYLAND___LFGE 323620	23.42 0.65 0.00	21.35 0.45 0.00	18.92 0.29 0.00	16.13 0.20 0.00	17.54 0.26 0.00	25.16 0.68 0.00	34.36 1.07 0.00	45.03 1.68 0.00	34.51 1.31 0.00	35.09 1.43 0.00	29.05 1.16 0.00	27.42 0.96 0.00	25.23 0.74 0.00	26.95 0.68 0.00	23.81 0.56 0.00	25.11 0.80 0.00	30.41 0.96 0.00	31.83 1.38 0.00	41.13 2.13 0.00	37.37 2.12 0.00	28.51 1.49 0.00	23.78 1.22 0.00	22.05 1.07 0.00	21.52 1.07 0.00
INDECK___CORINTH 23802	23.63 0.85 0.00	21.72 0.82 0.00	19.34 0.70 0.00	16.54 0.62 0.00	18.05 0.77 0.00	25.62 1.14 0.00	34.88 1.59 0.00	45.63 2.28 0.00	35.15 1.95 0.00	35.72 2.06 0.00	29.50 1.62 0.00	27.81 1.35 0.00	25.57 1.08 0.00	27.55 1.29 0.00	24.43 1.17 0.00	25.54 1.22 0.00	30.98 1.53 0.00	32.28 1.83 0.00	41.63 2.64 0.00	37.61 2.36 0.00	28.74 1.72 0.00	23.92 1.37 0.00	22.02 1.05 0.00	21.24 0.79 0.00
INDECK___ILION 23567	23.04 0.27 0.00	21.16 0.27 0.00	18.86 0.23 0.00	16.12 0.19 0.00	17.51 0.23 0.00	24.83 0.35 0.00	33.79 0.50 0.00	44.10 0.75 0.00	33.70 0.50 0.00	34.16 0.50 0.00	28.26 0.37 0.00	26.68 0.22 0.00	24.67 0.18 0.00	26.45 0.18 0.00	23.42 0.17 0.00	24.48 0.16 0.00	29.83 0.38 0.00	30.95 0.49 0.00	39.76 0.77 0.00	35.97 0.72 0.00	27.50 0.48 0.00	22.97 0.42 0.00	21.34 0.37 0.00	20.71 0.26 0.00

INDECK___OLEAN 23982	23.05 0.28 0.00	21.01 0.11 0.00	18.66 0.02 0.00	15.98 0.06 0.00	17.37 0.09 0.00	24.89 0.41 0.00	33.76 0.47 0.00	44.22 0.87 0.00	33.75 0.55 0.00	34.64 0.98 0.00	28.77 0.89 0.00	27.18 0.72 0.00	25.14 0.64 0.00	26.92 0.66 0.00	23.83 0.58 0.00	24.97 0.66 0.00	30.02 0.57 0.00	31.18 0.73 0.00	40.09 1.09 0.00	36.34 1.09 0.00	27.72 0.70 0.00	23.18 0.62 0.00	21.65 0.68 0.00	21.12 0.66 0.00
INDECK___OSWEGO 23783	22.29 -0.48 0.00	20.40 -0.49 0.00	18.19 -0.44 0.00	15.53 -0.40 0.00	16.83 -0.45 0.00	23.87 -0.60 0.00	32.55 -0.74 0.00	42.26 -1.09 0.00	32.35 -0.85 0.00	32.77 -0.89 0.00	27.10 -0.79 0.00	25.71 -0.75 0.00	23.79 -0.71 0.00	25.48 -0.78 0.00	22.49 -0.76 0.00	23.52 -0.80 0.00	28.53 -0.93 0.00	29.57 -0.89 0.00	37.93 -1.06 0.00	34.32 -0.94 0.00	26.28 -0.74 0.00	21.91 -0.64 0.00	20.39 -0.58 0.00	20.08 -0.38 0.00
INDECK___YERKES 23781	22.32 -0.45 0.00	20.32 -0.57 0.00	18.10 -0.54 0.00	15.52 -0.41 0.00	16.82 -0.46 0.00	24.14 -0.34 0.00	32.54 -0.75 0.00	42.22 -1.13 0.00	32.32 -0.88 0.00	33.13 -0.53 0.00	27.53 -0.35 0.00	26.08 -0.38 0.00	24.07 -0.42 0.00	25.77 -0.49 0.00	22.84 -0.41 0.00	23.82 -0.49 0.00	28.70 -0.75 0.00	29.90 -0.55 0.00	38.27 -0.73 0.00	34.74 -0.52 0.00	26.56 -0.46 0.00	22.36 -0.19 0.00	21.05 0.07 0.00	20.67 0.22 0.00
INDIAN POINT_GT_1 24139	23.91 1.14 0.00	21.98 1.08 0.00	19.52 0.88 0.00	16.71 0.78 0.00	18.20 0.92 0.00	25.76 1.29 0.00	35.11 1.82 0.00	45.81 2.46 0.00	35.19 1.99 0.00	35.61 1.95 0.00	29.54 1.65 0.00	27.96 1.50 0.00	25.96 1.47 0.00	27.87 1.61 0.00	24.74 1.49 0.00	25.98 1.66 0.00	31.48 2.03 0.00	32.50 2.05 0.00	41.69 2.70 0.00	37.75 2.50 0.00	28.84 1.82 0.00	24.06 1.51 0.00	22.18 1.21 0.00	21.41 0.95 0.00
INDIAN POINT_GT_2 23659	23.91 1.14 0.00	21.98 1.08 0.00	19.52 0.88 0.00	16.71 0.78 0.00	18.20 0.92 0.00	25.76 1.29 0.00	35.11 1.82 0.00	45.81 2.46 0.00	35.19 1.99 0.00	35.61 1.95 0.00	29.54 1.65 0.00	27.96 1.50 0.00	25.96 1.47 0.00	27.87 1.61 0.00	24.74 1.49 0.00	25.98 1.66 0.00	31.48 2.03 0.00	32.50 2.05 0.00	41.69 2.70 0.00	37.75 2.50 0.00	28.84 1.82 0.00	24.06 1.51 0.00	22.18 1.21 0.00	21.41 0.95 0.00
INDIAN POINT_GT_3 24019	23.91 1.14 0.00	21.98 1.08 0.00	19.52 0.88 0.00	16.71 0.78 0.00	18.20 0.92 0.00	25.76 1.29 0.00	35.11 1.82 0.00	45.81 2.46 0.00	35.19 1.99 0.00	35.61 1.95 0.00	29.54 1.65 0.00	27.96 1.50 0.00	25.96 1.47 0.00	27.87 1.61 0.00	24.74 1.49 0.00	25.98 1.66 0.00	31.48 2.03 0.00	32.50 2.05 0.00	41.69 2.70 0.00	37.75 2.50 0.00	28.84 1.82 0.00	24.06 1.51 0.00	22.18 1.21 0.00	21.41 0.95 0.00
INDIAN POINT___2 23530	23.90 1.13 0.00	21.96 1.07 0.00	19.51 0.87 0.00	16.70 0.78 0.00	18.19 0.91 0.00	25.75 1.28 0.00	35.10 1.82 0.00	45.81 2.45 0.00	35.18 1.98 0.00	35.59 1.93 0.00	29.52 1.63 0.00	27.94 1.48 0.00	25.95 1.46 0.00	27.86 1.59 0.00	24.72 1.47 0.00	25.95 1.64 0.00	31.46 2.00 0.00	32.48 2.02 0.00	41.67 2.68 0.00	37.72 2.47 0.00	28.82 1.80 0.00	24.05 1.50 0.00	22.17 1.19 0.00	21.40 0.94 0.00
INDIAN POINT___3 23531	23.90 1.13 0.00	21.96 1.07 0.00	19.51 0.87 0.00	16.70 0.78 0.00	18.19 0.91 0.00	25.74 1.27 0.00	35.09 1.81 0.00	45.80 2.45 0.00	35.17 1.98 0.00	35.58 1.92 0.00	29.52 1.63 0.00	27.94 1.48 0.00	25.95 1.45 0.00	27.85 1.58 0.00	24.72 1.47 0.00	25.95 1.64 0.00	31.45 2.00 0.00	32.47 2.02 0.00	41.66 2.67 0.00	37.71 2.46 0.00	28.82 1.80 0.00	24.05 1.49 0.00	22.16 1.19 0.00	21.39 0.94 0.00
INGHAM_C_115KV_TB7 356103	23.30 0.53 0.00	21.43 0.53 0.00	19.07 0.43 0.00	16.29 0.36 0.00	17.75 0.47 0.00	25.17 0.70 0.00	34.20 0.92 0.00	44.80 1.45 0.00	34.15 0.95 0.00	34.64 0.98 0.00	28.62 0.73 0.00	26.84 0.38 0.00	24.75 0.25 0.00	26.58 0.31 0.00	23.52 0.27 0.00	24.55 0.24 0.00	30.14 0.69 0.00	31.37 0.92 0.00	40.46 1.47 0.00	36.63 1.38 0.00	27.95 0.93 0.00	23.36 0.81 0.00	21.68 0.70 0.00	20.89 0.44 0.00
IP CORINTH___1 23988	23.63 0.85 0.00	21.72 0.82 0.00	19.34 0.70 0.00	16.54 0.62 0.00	18.05 0.77 0.00	25.62 1.14 0.00	34.89 1.60 0.00	45.65 2.30 0.00	35.15 1.95 0.00	35.72 2.06 0.00	29.50 1.62 0.00	27.81 1.35 0.00	25.57 1.08 0.00	27.55 1.29 0.00	24.43 1.17 0.00	25.54 1.22 0.00	30.98 1.53 0.00	32.28 1.83 0.00	41.63 2.64 0.00	37.61 2.36 0.00	28.74 1.72 0.00	23.92 1.36 0.00	22.02 1.05 0.00	21.24 0.79 0.00
IP___TICONDEROGA 23804	24.15 1.38 0.00	22.30 1.40 0.00	19.83 1.20 0.00	17.02 1.09 0.00	18.65 1.37 0.00	26.60 2.12 0.00	35.95 2.66 0.00	47.13 3.78 0.00	36.31 3.12 0.00	36.75 3.09 0.00	30.17 2.28 0.00	28.36 1.91 0.00	26.08 1.59 0.00	28.26 2.00 0.00	25.05 1.80 0.00	26.08 1.77 0.00	31.58 2.13 0.00	33.25 2.80 0.00	43.21 4.22 0.00	38.95 3.70 0.00	29.70 2.68 0.00	24.66 2.10 0.00	22.72 1.75 0.00	21.84 1.38 0.00
ISLIP_RES_REC 323679	24.45 1.68 0.00	22.38 1.48 0.00	19.90 1.27 0.00	17.07 1.14 0.00	18.57 1.29 0.00	26.26 1.78 0.00	35.60 2.32 0.00	46.15 2.80 0.00	35.88 2.68 0.00	36.24 2.58 0.00	30.22 2.34 0.00	28.76 2.31 0.00	26.78 2.29 0.00	28.65 2.39 0.00	25.58 2.32 0.00	26.94 2.62 0.00	32.71 3.26 0.00	33.67 3.21 0.00	42.71 3.72 0.00	38.82 3.57 0.00	29.66 2.64 0.00	24.87 2.32 0.00	19.94 1.77 2.81	21.84 1.39 0.00
JAMAICA___27_KV_LOAD 355505	24.25 1.48 0.00	22.35 1.45 0.00	19.82 1.19 0.00	16.95 1.03 0.00	18.45 1.17 0.00	26.09 1.61 0.00	35.57 2.28 0.00	46.43 3.07 0.00	35.73 2.53 0.00	36.20 2.54 0.00	29.96 2.07 0.00	28.37 1.91 0.00	26.32 1.83 0.00	28.24 1.98 0.00	25.09 1.84 0.00	26.30 1.99 0.00	31.90 2.44 0.00	32.94 2.48 0.00	42.10 3.11 0.00	38.20 2.95 0.00	29.19 2.17 0.00	24.39 1.84 0.00	22.54 1.57 0.00	21.72 1.26 0.00
JANIS___SOLAR 323808	23.45 0.68 0.00	21.44 0.55 0.00	19.09 0.46 0.00	16.27 0.34 0.00	17.68 0.40 0.00	25.27 0.79 0.00	34.65 1.37 0.00	45.65 2.30 0.00	34.78 1.59 0.00	35.21 1.55 0.00	28.87 0.98 0.00	27.51 1.06 0.00	25.44 0.95 0.00	27.24 0.98 0.00	24.14 0.89 0.00	25.51 1.20 0.00	31.04 1.59 0.00	32.30 1.84 0.00	41.58 2.59 0.00	37.67 2.42 0.00	28.77 1.75 0.00	23.87 1.32 0.00	22.15 1.18 0.00	21.59 1.14 0.00
JARVIS____ 23743	22.83 0.06 0.00	20.96 0.06 0.00	18.69 0.05 0.00	15.98 0.05 0.00	17.33 0.05 0.00	24.55 0.07 0.00	33.42 0.13 0.00	43.52 0.17 0.00	33.32 0.12 0.00	33.76 0.10 0.00	27.95 0.06 0.00	26.51 0.05 0.00	24.57 0.08 0.00	26.33 0.07 0.00	23.31 0.06 0.00	24.39 0.08 0.00	29.57 0.12 0.00	30.60 0.15 0.00	39.21 0.21 0.00	35.44 0.18 0.00	27.15 0.13 0.00	22.65 0.09 0.00	21.05 0.08 0.00	20.53 0.08 0.00

JENNISON____1 23625	23.48 0.71 0.00	21.48 0.59 0.00	19.14 0.51 0.00	16.32 0.40 0.00	17.79 0.52 0.00	25.35 0.88 0.00	34.69 1.40 0.00	45.58 2.23 0.00	34.90 1.70 0.00	35.43 1.77 0.00	29.42 1.53 0.00	27.85 1.39 0.00	25.66 1.17 0.00	27.56 1.30 0.00	24.45 1.19 0.00	25.69 1.38 0.00	31.24 1.79 0.00	32.44 1.99 0.00	41.69 2.70 0.00	37.72 2.47 0.00	28.81 1.79 0.00	23.93 1.38 0.00	22.21 1.23 0.00	21.56 1.11 0.00
JENNISON____2 23626	23.48 0.71 0.00	21.48 0.59 0.00	19.14 0.51 0.00	16.32 0.40 0.00	17.79 0.52 0.00	25.35 0.88 0.00	34.69 1.40 0.00	45.58 2.23 0.00	34.90 1.70 0.00	35.43 1.77 0.00	29.42 1.53 0.00	27.85 1.39 0.00	25.66 1.17 0.00	27.56 1.30 0.00	24.45 1.19 0.00	25.69 1.38 0.00	31.24 1.79 0.00	32.44 1.99 0.00	41.69 2.70 0.00	37.72 2.47 0.00	28.81 1.79 0.00	23.93 1.38 0.00	22.21 1.23 0.00	21.56 1.11 0.00
JERICHO_RISE_WT_PWR 323719	22.98 0.20 0.00	21.07 0.18 0.00	18.90 0.26 0.00	16.15 0.22 0.00	17.57 0.29 0.00	24.90 0.43 0.00	33.73 0.44 0.00	44.25 0.90 0.00	34.04 0.84 0.00	34.78 1.13 0.00	28.62 0.73 0.00	27.16 0.70 0.00	24.95 0.46 0.00	27.00 0.73 0.00	23.92 0.67 0.00	24.82 0.50 0.00	30.22 0.77 0.00	31.28 0.82 0.00	39.88 0.89 0.00	35.73 0.48 0.00	27.24 0.22 0.00	22.53 -0.03 0.00	20.79 -0.19 0.00	20.16 -0.29 0.00
KATONAH__115KV_46KV_TB4 355592	24.03 1.25 0.00	22.08 1.19 0.00	19.61 0.97 0.00	16.78 0.85 0.00	18.27 0.99 0.00	25.86 1.39 0.00	35.30 2.01 0.00	46.08 2.73 0.00	35.42 2.22 0.00	35.85 2.19 0.00	29.73 1.85 0.00	28.14 1.68 0.00	26.11 1.62 0.00	28.03 1.76 0.00	24.88 1.63 0.00	26.11 1.80 0.00	31.63 2.18 0.00	32.69 2.23 0.00	41.95 2.96 0.00	37.99 2.74 0.00	29.03 2.01 0.00	24.21 1.66 0.00	22.30 1.33 0.00	21.51 1.05 0.00
KCE_NY_1 323755	23.75 0.98 0.00	21.81 0.91 0.00	19.42 0.78 0.00	16.61 0.68 0.00	18.10 0.82 0.00	25.66 1.18 0.00	34.93 1.64 0.00	45.70 2.35 0.00	35.10 1.90 0.00	35.58 1.92 0.00	29.38 1.49 0.00	27.70 1.24 0.00	25.61 1.11 0.00	27.55 1.29 0.00	24.43 1.17 0.00	25.58 1.26 0.00	31.04 1.59 0.00	32.23 1.77 0.00	41.50 2.51 0.00	37.44 2.19 0.00	28.65 1.63 0.00	23.88 1.33 0.00	22.01 1.03 0.00	21.29 0.84 0.00
KCE_NY_6_ESR 323823	22.43 -0.34 0.00	20.41 -0.49 0.00	18.14 -0.49 0.00	15.54 -0.39 0.00	16.86 -0.42 0.00	24.24 -0.24 0.00	32.74 -0.54 0.00	42.75 -0.60 0.00	32.72 -0.48 0.00	33.55 -0.12 0.00	27.88 0.00 0.00	26.37 -0.09 0.00	24.36 -0.13 0.00	26.07 -0.19 0.00	23.10 -0.15 0.00	24.14 -0.17 0.00	29.10 -0.35 0.00	30.27 -0.18 0.00	38.86 -0.14 0.00	35.28 0.02 0.00	26.96 -0.06 0.00	22.62 0.07 0.00	21.24 0.26 0.00	20.81 0.36 0.00
KEDC_PORT_JEFF_GT2 24210	24.34 1.57 0.00	22.28 1.39 0.00	19.82 1.18 0.00	17.00 1.07 0.00	18.48 1.20 0.00	26.12 1.65 0.00	35.34 2.05 0.00	45.75 2.40 0.00	35.53 2.34 0.00	35.94 2.28 0.00	30.00 2.12 0.00	28.55 2.10 0.00	26.59 2.11 0.00	28.45 2.19 0.00	25.38 2.13 0.00	26.73 2.42 0.00	32.43 2.98 0.00	33.34 2.88 0.00	42.16 3.17 0.00	38.26 3.01 0.00	29.23 2.22 0.00	24.61 2.06 0.00	19.55 1.61 3.03	21.70 1.25 0.00
KEDC_PORT_JEFF_GT3 24211	24.34 1.57 0.00	22.28 1.39 0.00	19.82 1.18 0.00	17.00 1.07 0.00	18.48 1.20 0.00	26.12 1.65 0.00	35.34 2.05 0.00	45.75 2.40 0.00	35.53 2.34 0.00	35.94 2.28 0.00	30.00 2.12 0.00	28.55 2.10 0.00	26.59 2.11 0.00	28.45 2.19 0.00	25.38 2.13 0.00	26.73 2.42 0.00	32.43 2.98 0.00	33.34 2.88 0.00	42.16 3.17 0.00	38.26 3.01 0.00	29.23 2.22 0.00	24.61 2.06 0.00	19.55 1.61 3.03	21.70 1.25 0.00
KEDC_GLWD_GT4 24219	24.13 1.36 0.00	22.16 1.27 0.00	19.69 1.05 0.00	16.86 0.93 0.00	18.35 1.08 0.00	25.99 1.51 0.00	35.33 2.05 0.00	46.07 2.72 0.00	35.47 2.27 0.00	35.88 2.22 0.00	29.89 2.00 0.00	28.34 1.87 -0.01	26.33 1.84 -0.01	28.24 1.97 0.00	25.12 1.86 0.00	26.39 2.07 0.00	31.95 2.50 0.00	32.90 2.45 0.00	42.07 3.08 0.00	38.16 2.91 0.00	29.17 2.15 0.00	24.39 1.83 0.00	28.33 1.48 -5.88	21.61 1.16 0.00
KEDC_GLWD_GT5 24220	24.13 1.36 0.00	22.16 1.27 0.00	19.69 1.05 0.00	16.86 0.93 0.00	18.35 1.08 0.00	25.99 1.51 0.00	35.33 2.05 0.00	46.07 2.72 0.00	35.47 2.27 0.00	35.88 2.22 0.00	29.89 2.00 0.00	28.34 1.87 -0.01	26.33 1.84 -0.01	28.24 1.97 0.00	25.12 1.86 0.00	26.39 2.07 0.00	31.95 2.50 0.00	32.90 2.45 0.00	42.07 3.08 0.00	38.16 2.91 0.00	29.17 2.15 0.00	24.39 1.83 0.00	28.33 1.48 -5.88	21.61 1.16 0.00
KENSICO____ 23655	23.96 1.19 0.00	22.02 1.13 0.00	19.56 0.92 0.00	16.74 0.82 0.00	18.23 0.95 0.00	25.80 1.33 0.00	35.17 1.89 0.00	45.90 2.55 0.00	35.28 2.08 0.00	35.70 2.04 0.00	29.62 1.73 0.00	28.05 1.59 0.00	26.04 1.55 0.00	27.96 1.69 0.00	24.82 1.57 0.00	26.05 1.73 0.00	31.56 2.11 0.00	32.58 2.13 0.00	41.78 2.78 0.00	37.83 2.58 0.00	28.91 1.89 0.00	24.13 1.58 0.00	22.24 1.26 0.00	21.45 1.00 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.21 1.44 0.00	22.23 1.33 0.00	19.76 1.13 0.00	16.91 0.99 0.00	18.42 1.14 0.00	26.10 1.63 0.00	35.63 2.35 0.00	46.53 3.18 0.00	35.49 2.29 0.00	35.86 2.20 0.00	29.65 1.77 0.00	28.06 1.60 0.00	26.04 1.55 0.00	27.91 1.65 0.00	24.71 1.46 0.00	25.99 1.67 0.00	31.59 2.14 0.00	32.77 2.31 0.00	42.10 3.11 0.00	38.18 2.93 0.00	29.16 2.13 0.00	24.32 1.77 0.00	22.47 1.50 0.00	21.71 1.25 0.00
KIAC_JFK_GT1 23816	24.18 1.41 0.00	22.29 1.40 0.00	19.76 1.13 0.00	16.91 0.98 0.00	18.40 1.12 0.00	26.01 1.54 0.00	35.46 2.17 0.00	46.27 2.93 0.00	35.64 2.44 0.00	36.11 2.45 0.00	29.88 1.99 0.00	28.31 1.86 0.00	26.26 1.77 0.00	28.18 1.92 0.00	25.03 1.78 0.00	26.24 1.93 0.00	31.83 2.38 0.00	32.85 2.40 0.00	41.98 2.99 0.00	38.09 2.84 0.00	29.11 2.09 0.00	24.33 1.78 0.00	22.47 1.50 0.00	21.65 1.20 0.00
KIAC_JFK_GT2 23817	24.18 1.41 0.00	22.29 1.40 0.00	19.76 1.13 0.00	16.91 0.98 0.00	18.40 1.12 0.00	26.01 1.54 0.00	35.46 2.17 0.00	46.27 2.93 0.00	35.64 2.44 0.00	36.11 2.45 0.00	29.88 1.99 0.00	28.31 1.86 0.00	26.26 1.77 0.00	28.18 1.92 0.00	25.03 1.78 0.00	26.24 1.93 0.00	31.83 2.38 0.00	32.85 2.40 0.00	41.98 2.99 0.00	38.09 2.84 0.00	29.11 2.09 0.00	24.33 1.78 0.00	22.47 1.50 0.00	21.65 1.20 0.00
KIAC_JFK____ 323774	24.18 1.41 0.00	22.29 1.40 0.00	19.77 1.13 0.00	16.91 0.98 0.00	18.40 1.12 0.00	26.01 1.54 0.00	35.46 2.17 0.00	46.27 2.92 0.00	35.64 2.44 0.00	36.11 2.46 0.00	29.88 2.00 0.00	28.31 1.85 0.00	26.26 1.77 0.00	28.18 1.92 0.00	25.03 1.78 0.00	26.24 1.93 0.00	31.83 2.38 0.00	32.85 2.39 0.00	41.98 2.99 0.00	38.09 2.84 0.00	29.12 2.10 0.00	24.34 1.79 0.00	22.47 1.50 0.00	21.65 1.20 0.00

KINTIGH____ 23543	21.99 -0.78 0.00	20.03 -0.86 0.00	17.85 -0.78 0.00	15.30 -0.63 0.00	16.57 -0.71 0.00	23.74 -0.74 0.00	32.03 -1.26 0.00	41.70 -1.65 0.00	31.99 -1.21 0.00	32.79 -0.87 0.00	27.21 -0.68 0.00	25.79 -0.67 0.00	23.82 -0.68 0.00	25.51 -0.76 0.00	22.60 -0.65 0.00	23.56 -0.75 0.00	28.41 -1.04 0.00	29.55 -0.90 0.00	37.90 -1.10 0.00	34.38 -0.87 0.00	26.27 -0.75 0.00	22.09 -0.47 0.00	20.69 -0.29 0.00	20.29 -0.17 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	23.30 0.53 0.00	21.37 0.48 0.00	19.12 0.49 0.00	16.34 0.41 0.00	17.82 0.54 0.00	25.30 0.83 0.00	34.28 0.99 0.00	45.10 1.75 0.00	34.72 1.52 0.00	35.55 1.89 0.00	29.15 1.27 0.00	27.65 1.20 0.00	25.42 0.92 0.00	27.49 1.22 0.00	24.36 1.11 0.00	25.24 0.93 0.00	30.76 1.31 0.00	31.91 1.45 0.00	40.78 1.79 0.00	36.54 1.29 0.00	27.84 0.82 0.00	22.98 0.42 0.00	21.20 0.22 0.00	20.50 0.05 0.00
LACHUTE__HYDRO 323717	24.15 1.37 0.00	22.30 1.40 0.00	19.83 1.20 0.00	17.01 1.09 0.00	18.65 1.37 0.00	26.60 2.12 0.00	35.95 2.66 0.00	47.12 3.77 0.00	36.31 3.12 0.00	36.75 3.09 0.00	30.17 2.28 0.00	28.37 1.91 0.00	26.08 1.59 0.00	28.26 2.00 0.00	25.05 1.80 0.00	26.09 1.77 0.00	31.58 2.13 0.00	33.25 2.79 0.00	43.21 4.22 0.00	38.95 3.70 0.00	29.70 2.68 0.00	24.67 2.11 0.00	22.72 1.75 0.00	21.84 1.38 0.00
LAWRNCV_115KV_TB1 80681	22.66 -0.11 0.00	20.79 -0.10 0.00	18.62 -0.02 0.00	15.91 -0.02 0.00	17.22 -0.06 0.00	24.42 -0.05 0.00	33.22 -0.06 0.00	43.31 -0.04 0.00	33.15 -0.05 0.00	33.74 0.08 0.00	27.80 -0.09 0.00	26.42 -0.04 0.00	24.38 -0.11 0.00	26.16 -0.10 0.00	23.18 -0.08 0.00	24.17 -0.14 0.00	29.33 -0.12 0.00	30.35 -0.11 0.00	38.83 -0.17 0.00	35.04 -0.21 0.00	26.87 -0.16 0.00	22.34 -0.21 0.00	20.82 -0.16 0.00	20.25 -0.20 0.00
LEDERLE____ 23769	24.01 1.24 0.00	22.06 1.17 0.00	19.60 0.96 0.00	16.78 0.85 0.00	18.28 1.00 0.00	25.90 1.42 0.00	35.31 2.02 0.00	46.10 2.75 0.00	35.33 2.13 0.00	35.72 2.06 0.00	29.66 1.77 0.00	28.07 1.61 0.00	26.08 1.59 0.00	28.00 1.73 0.00	24.85 1.59 0.00	26.09 1.78 0.00	31.64 2.19 0.00	32.68 2.22 0.00	41.95 2.96 0.00	37.95 2.70 0.00	28.98 1.96 0.00	24.17 1.62 0.00	22.29 1.32 0.00	21.52 1.07 0.00
LIGHTHSE_115KV_TB6 355974	22.36 -0.42 0.00	20.43 -0.47 0.00	18.27 -0.37 0.00	15.60 -0.33 0.00	16.88 -0.39 0.00	23.95 -0.52 0.00	32.86 -0.43 0.00	42.72 -0.63 0.00	32.74 -0.46 0.00	33.13 -0.53 0.00	27.26 -0.63 0.00	25.88 -0.58 0.00	23.96 -0.53 0.00	25.68 -0.58 0.00	22.64 -0.61 0.00	23.68 -0.63 0.00	28.85 -0.60 0.00	30.01 -0.44 0.00	38.70 -0.29 0.00	35.00 -0.26 0.00	26.72 -0.30 0.00	22.20 -0.36 0.00	20.61 -0.36 0.00	20.32 -0.13 0.00
LINDEN COGEN____ 23786	23.99 1.21 0.00	21.80 1.15 0.25	19.29 0.92 0.26	16.74 0.82 0.01	18.02 0.94 0.20	22.00 1.30 3.77	30.92 1.92 4.28	45.05 2.60 0.90	28.38 2.11 6.93	27.12 2.09 8.63	27.55 1.80 2.13	27.00 1.66 1.12	26.11 1.62 0.00	27.61 1.76 0.41	24.90 1.65 0.00	26.11 1.80 0.00	30.45 2.14 1.14	29.47 2.12 3.10	33.07 2.70 8.62	31.58 2.53 6.20	24.81 1.83 4.05	21.99 1.57 2.14	21.77 1.28 0.48	21.46 1.01 0.00
LINDHRST_69_KV_BK1 356055	24.38 1.60 0.00	22.33 1.44 0.00	19.85 1.22 0.00	17.00 1.07 0.00	18.49 1.21 0.00	26.18 1.71 0.00	35.53 2.24 0.00	46.20 2.85 0.00	35.74 2.55 0.00	36.09 2.42 0.00	30.11 2.22 0.00	28.63 2.17 0.00	26.62 2.12 0.00	28.49 2.22 0.00	25.40 2.15 0.00	26.75 2.44 0.00	32.42 2.97 0.00	33.35 2.89 0.00	42.42 3.43 0.00	38.59 3.34 0.00	29.52 2.49 0.00	24.72 2.17 0.00	23.50 1.78 -0.75	21.81 1.36 0.00
LIPA_MISC_IPP 23656	24.35 1.58 0.00	22.29 1.40 0.00	19.83 1.20 0.00	17.02 1.09 0.00	18.50 1.22 0.00	26.15 1.67 0.00	35.44 2.16 0.00	45.95 2.60 0.00	35.69 2.49 0.00	36.03 2.36 0.00	30.04 2.16 0.00	28.58 2.12 0.00	26.62 2.13 0.00	28.47 2.21 0.00	25.42 2.17 0.00	26.75 2.43 0.00	32.47 3.02 0.00	33.43 2.97 0.00	42.41 3.41 0.00	38.56 3.31 0.00	29.46 2.44 0.00	24.70 2.15 0.00	19.54 1.69 3.12	21.74 1.29 0.00
LISF__SOLAR 323691	24.39 1.61 0.00	22.32 1.43 0.00	19.85 1.22 0.00	17.04 1.11 0.00	18.53 1.25 0.00	26.18 1.71 0.00	35.50 2.21 0.00	45.98 2.63 0.00	35.70 2.50 0.00	36.05 2.38 0.00	30.04 2.15 0.00	28.56 2.10 0.00	26.59 2.10 0.00	28.45 2.18 0.00	25.40 2.15 0.00	26.73 2.41 0.00	32.47 3.01 0.00	33.43 2.98 0.00	42.45 3.45 0.00	38.58 3.33 0.00	29.48 2.45 0.00	24.74 2.19 0.00	19.58 1.69 3.08	21.77 1.32 0.00
LITTLE FALLS__HYD 24013	23.30 0.53 0.00	21.43 0.53 0.00	19.07 0.43 0.00	16.29 0.36 0.00	17.75 0.47 0.00	25.17 0.70 0.00	34.20 0.92 0.00	44.80 1.45 0.00	34.15 0.95 0.00	34.64 0.98 0.00	28.62 0.73 0.00	26.84 0.38 0.00	24.75 0.25 0.00	26.58 0.31 0.00	23.52 0.27 0.00	24.55 0.24 0.00	30.14 0.69 0.00	31.37 0.92 0.00	40.46 1.47 0.00	36.63 1.38 0.00	27.95 0.93 0.00	23.36 0.81 0.00	21.68 0.70 0.00	20.89 0.44 0.00
LITTLRIV_115KV_TB1 356100	22.85 0.08 0.00	20.97 0.07 0.00	18.77 0.14 0.00	16.04 0.11 0.00	17.37 0.09 0.00	24.67 0.19 0.00	33.61 0.32 0.00	43.82 0.47 0.00	33.49 0.29 0.00	34.13 0.47 0.00	28.09 0.20 0.00	26.67 0.21 0.00	24.57 0.08 0.00	26.34 0.07 0.00	23.32 0.07 0.00	24.36 0.04 0.00	29.54 0.09 0.00	30.61 0.16 0.00	39.22 0.23 0.00	35.40 0.15 0.00	27.14 0.12 0.00	22.56 0.01 0.00	21.04 0.06 0.00	20.44 -0.01 0.00
LI_NEWBRDGE__DRP 323616	24.03 1.26 0.00	22.04 1.15 0.00	19.59 0.96 0.00	16.78 0.86 0.00	18.26 0.98 0.00	25.84 1.36 0.00	35.03 1.75 0.00	45.59 2.24 0.00	35.19 1.99 0.00	35.56 1.90 0.00	29.67 1.78 0.00	28.17 1.71 0.01	26.20 1.71 0.01	28.06 1.80 0.00	24.99 1.74 0.00	26.29 1.98 0.00	31.81 2.36 0.00	32.68 2.23 0.00	41.69 2.69 0.00	37.86 2.61 0.00	28.96 1.93 0.00	24.25 1.70 0.00	17.28 1.43 5.13	21.49 1.04 0.00
LOCKPORT_115KV_TB60_63_64 80432	22.07 -0.71 0.00	20.08 -0.82 0.00	17.88 -0.75 0.00	15.35 -0.57 0.00	16.63 -0.65 0.00	23.88 -0.60 0.00	32.13 -1.16 0.00	41.78 -1.57 0.00	32.06 -1.14 0.00	32.85 -0.81 0.00	27.28 -0.61 0.00	25.84 -0.62 0.00	23.85 -0.64 0.00	25.54 -0.73 0.00	22.64 -0.61 0.00	23.58 -0.73 0.00	28.43 -1.02 0.00	29.62 -0.83 0.00	37.93 -1.06 0.00	34.44 -0.81 0.00	26.33 -0.70 0.00	22.20 -0.36 0.00	20.84 -0.13 0.00	20.45 -0.01 0.00
LOCKPORT__CC1 323769	22.06 -0.71 0.00	20.07 -0.83 0.00	17.88 -0.76 0.00	15.34 -0.59 0.00	16.62 -0.66 0.00	23.87 -0.61 0.00	32.13 -1.16 0.00	41.77 -1.58 0.00	32.04 -1.15 0.00	32.82 -0.84 0.00	27.27 -0.61 0.00	25.84 -0.62 0.00	23.85 -0.64 0.00	25.53 -0.73 0.00	22.63 -0.62 0.00	23.62 -0.70 0.00	28.43 -1.02 0.00	29.61 -0.84 0.00	37.94 -1.06 0.00	34.44 -0.81 0.00	26.33 -0.70 0.00	22.14 -0.41 0.00	20.83 -0.14 0.00	20.45 0.00 0.00

LOCKPORT___CC2 323770	22.06 -0.71 0.00	20.07 -0.83 0.00	17.88 -0.76 0.00	15.34 -0.59 0.00	16.62 -0.66 0.00	23.87 -0.61 0.00	32.13 -1.16 0.00	41.77 -1.58 0.00	32.04 -1.15 0.00	32.82 -0.84 0.00	27.27 -0.61 0.00	25.84 -0.62 0.00	23.85 -0.64 0.00	25.53 -0.73 0.00	22.63 -0.62 0.00	23.62 -0.70 0.00	28.43 -1.02 0.00	29.61 -0.84 0.00	37.94 -1.06 0.00	34.44 -0.81 0.00	26.33 -0.70 0.00	22.14 -0.41 0.00	20.83 -0.14 0.00	20.45 0.00 0.00
LOCKPORT___CC3 323771	22.06 -0.71 0.00	20.07 -0.83 0.00	17.88 -0.76 0.00	15.34 -0.59 0.00	16.62 -0.66 0.00	23.87 -0.61 0.00	32.13 -1.16 0.00	41.77 -1.58 0.00	32.04 -1.15 0.00	32.82 -0.84 0.00	27.27 -0.61 0.00	25.84 -0.62 0.00	23.85 -0.64 0.00	25.53 -0.73 0.00	22.63 -0.62 0.00	23.62 -0.70 0.00	28.43 -1.02 0.00	29.61 -0.84 0.00	37.94 -1.06 0.00	34.44 -0.81 0.00	26.33 -0.70 0.00	22.14 -0.41 0.00	20.83 -0.14 0.00	20.45 0.00 0.00
LONG_LAKE_PHOENIX 24014	22.48 -0.29 0.00	20.58 -0.31 0.00	18.33 -0.30 0.00	15.65 -0.28 0.00	16.96 -0.32 0.00	24.08 -0.39 0.00	32.83 -0.46 0.00	42.70 -0.65 0.00	32.68 -0.52 0.00	33.12 -0.54 0.00	27.41 -0.47 0.00	25.99 -0.47 0.00	24.04 -0.45 0.00	25.71 -0.55 0.00	22.71 -0.54 0.00	23.74 -0.57 0.00	28.82 -0.63 0.00	29.87 -0.58 0.00	38.31 -0.69 0.00	34.65 -0.61 0.00	26.54 -0.48 0.00	22.15 -0.41 0.00	20.62 -0.35 0.00	20.27 -0.18 0.00
LOVETT___3 23632	23.89 1.12 0.00	21.96 1.06 0.00	19.50 0.87 0.00	16.69 0.77 0.00	18.19 0.91 0.00	25.75 1.28 0.00	35.10 1.81 0.00	45.80 2.45 0.00	35.15 1.95 0.00	35.54 1.88 0.00	29.48 1.59 0.00	27.91 1.45 0.00	25.93 1.43 0.00	27.83 1.57 0.00	24.70 1.45 0.00	25.93 1.62 0.00	31.43 1.98 0.00	32.45 2.00 0.00	41.65 2.65 0.00	37.70 2.45 0.00	28.80 1.78 0.00	24.02 1.47 0.00	22.15 1.18 0.00	21.39 0.93 0.00
LOVETT___4 23642	23.89 1.12 0.00	21.96 1.06 0.00	19.50 0.87 0.00	16.69 0.77 0.00	18.19 0.91 0.00	25.75 1.28 0.00	35.10 1.81 0.00	45.80 2.45 0.00	35.15 1.95 0.00	35.54 1.88 0.00	29.48 1.59 0.00	27.91 1.45 0.00	25.93 1.43 0.00	27.83 1.57 0.00	24.70 1.45 0.00	25.93 1.62 0.00	31.43 1.98 0.00	32.45 2.00 0.00	41.65 2.65 0.00	37.70 2.45 0.00	28.80 1.78 0.00	24.02 1.47 0.00	22.15 1.18 0.00	21.39 0.93 0.00
LOVETT___5 23593	23.89 1.12 0.00	21.96 1.06 0.00	19.50 0.87 0.00	16.69 0.77 0.00	18.19 0.91 0.00	25.75 1.28 0.00	35.10 1.81 0.00	45.80 2.45 0.00	35.15 1.95 0.00	35.54 1.88 0.00	29.48 1.59 0.00	27.91 1.45 0.00	25.93 1.43 0.00	27.83 1.57 0.00	24.70 1.45 0.00	25.93 1.62 0.00	31.43 1.98 0.00	32.45 2.00 0.00	41.65 2.65 0.00	37.70 2.45 0.00	28.80 1.78 0.00	24.02 1.47 0.00	22.15 1.18 0.00	21.39 0.93 0.00
LOWER RAQUET___HYD 24057	22.64 -0.13 0.00	20.77 -0.12 0.00	18.61 -0.03 0.00	15.90 -0.03 0.00	17.21 -0.07 0.00	24.40 -0.07 0.00	33.23 -0.06 0.00	43.33 -0.03 0.00	33.15 -0.05 0.00	33.75 0.09 0.00	27.79 -0.09 0.00	26.40 -0.06 0.00	24.37 -0.12 0.00	26.15 -0.11 0.00	23.16 -0.09 0.00	24.15 -0.16 0.00	29.32 -0.13 0.00	30.35 -0.10 0.00	38.87 -0.12 0.00	35.07 -0.19 0.00	26.87 -0.15 0.00	22.33 -0.22 0.00	20.80 -0.17 0.00	20.25 -0.20 0.00
LOWER___HUDSON 24059	23.46 0.69 0.00	21.57 0.67 0.00	19.21 0.58 0.00	16.44 0.51 0.00	17.90 0.62 0.00	25.31 0.83 0.00	34.41 1.12 0.00	44.92 1.57 0.00	34.52 1.32 0.00	34.97 1.31 0.00	28.85 0.96 0.00	27.25 0.79 0.00	25.22 0.73 0.00	27.12 0.86 0.00	24.03 0.78 0.00	25.16 0.85 0.00	30.51 1.06 0.00	31.64 1.19 0.00	40.71 1.72 0.00	36.76 1.51 0.00	28.16 1.14 0.00	23.51 0.96 0.00	21.70 0.72 0.00	20.99 0.53 0.00
LOWVILLE_115KV_TB2 356335	22.51 -0.26 0.00	20.61 -0.28 0.00	18.55 -0.08 0.00	15.88 -0.05 0.00	17.08 -0.20 0.00	24.24 -0.23 0.00	33.49 0.21 0.00	43.55 0.20 0.00	33.25 0.05 0.00	33.66 0.00 0.00	27.45 -0.43 0.00	26.13 -0.32 0.00	24.38 -0.11 0.00	26.05 -0.22 0.00	23.07 -0.19 0.00	24.12 -0.19 0.00	29.51 0.06 0.00	30.79 0.33 0.00	39.84 0.84 0.00	35.94 0.68 0.00	27.33 0.31 0.00	22.51 -0.05 0.00	20.93 -0.05 0.00	20.68 0.23 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	23.74 0.97 0.00	21.81 0.91 0.00	19.42 0.78 0.00	16.61 0.69 0.00	18.10 0.82 0.00	25.65 1.17 0.00	34.93 1.64 0.00	45.66 2.31 0.00	35.07 1.87 0.00	35.55 1.89 0.00	29.37 1.49 0.00	27.72 1.26 0.00	25.61 1.11 0.00	27.55 1.28 0.00	24.43 1.18 0.00	25.56 1.25 0.00	31.01 1.56 0.00	32.21 1.76 0.00	41.46 2.46 0.00	37.43 2.18 0.00	28.64 1.61 0.00	23.87 1.31 0.00	22.01 1.03 0.00	21.29 0.84 0.00
LUTHERNY_35_KV_BK2 355980	23.75 0.98 0.00	21.81 0.91 0.00	19.41 0.78 0.00	16.61 0.68 0.00	18.10 0.82 0.00	25.66 1.18 0.00	34.93 1.64 0.00	45.71 2.36 0.00	35.10 1.90 0.00	35.58 1.92 0.00	29.38 1.49 0.00	27.70 1.24 0.00	25.61 1.11 0.00	27.55 1.29 0.00	24.43 1.17 0.00	25.58 1.26 0.00	31.04 1.59 0.00	32.23 1.77 0.00	41.50 2.51 0.00	37.44 2.19 0.00	28.65 1.63 0.00	23.87 1.32 0.00	22.01 1.03 0.00	21.29 0.84 0.00
LWR___OSWEGATCHIE_HYD 23850	22.45 -0.33 0.00	20.56 -0.33 0.00	18.46 -0.17 0.00	15.79 -0.14 0.00	17.04 -0.24 0.00	24.18 -0.30 0.00	33.17 -0.11 0.00	43.20 -0.15 0.00	33.07 -0.12 0.00	33.58 -0.09 0.00	27.52 -0.37 0.00	26.17 -0.28 0.00	24.27 -0.23 0.00	25.99 -0.27 0.00	23.00 -0.25 0.00	24.02 -0.30 0.00	29.28 -0.17 0.00	30.43 -0.03 0.00	39.20 0.20 0.00	35.37 0.12 0.00	27.01 -0.01 0.00	22.33 -0.22 0.00	20.74 -0.23 0.00	20.35 -0.10 0.00
LYONS_FALL_HYD 23570	22.78 0.01 0.00	20.87 -0.02 0.00	18.71 0.08 0.00	16.01 0.08 0.00	17.28 0.00 0.00	24.53 0.06 0.00	33.75 0.47 0.00	43.97 0.62 0.00	33.53 0.33 0.00	33.96 0.30 0.00	27.85 -0.04 0.00	26.46 0.00 0.00	24.61 0.11 0.00	26.31 0.04 0.00	23.28 0.03 0.00	24.37 0.05 0.00	29.74 0.29 0.00	30.95 0.50 0.00	39.92 0.93 0.00	36.04 0.78 0.00	27.46 0.44 0.00	22.72 0.17 0.00	21.15 0.18 0.00	20.79 0.34 0.00
MADISON___COUNTY_LFGE 323628	23.19 0.42 0.00	21.24 0.35 0.00	18.96 0.32 0.00	16.20 0.27 0.00	17.56 0.28 0.00	24.97 0.49 0.00	34.17 0.89 0.00	44.63 1.28 0.00	34.05 0.85 0.00	34.50 0.84 0.00	28.48 0.60 0.00	27.03 0.57 0.00	24.97 0.48 0.00	26.70 0.44 0.00	23.63 0.38 0.00	24.80 0.49 0.00	30.18 0.73 0.00	31.35 0.90 0.00	40.27 1.28 0.00	36.38 1.13 0.00	27.79 0.77 0.00	23.14 0.59 0.00	21.54 0.56 0.00	21.04 0.59 0.00
MALONE___115KV_TB1 356076	23.10 0.33 0.00	21.18 0.28 0.00	18.98 0.35 0.00	16.21 0.29 0.00	17.62 0.34 0.00	25.00 0.53 0.00	33.95 0.66 0.00	44.52 1.18 0.00	34.20 1.00 0.00	34.92 1.26 0.00	28.71 0.82 0.00	27.23 0.77 0.00	25.05 0.56 0.00	27.05 0.79 0.00	23.95 0.70 0.00	24.87 0.56 0.00	30.30 0.85 0.00	31.38 0.93 0.00	40.06 1.06 0.00	35.97 0.72 0.00	27.45 0.42 0.00	22.71 0.16 0.00	21.00 0.03 0.00	20.36 -0.09 0.00

MAPLEWOD_115KV_TB3 80458	23.32 0.55 0.00	21.44 0.54 0.00	19.09 0.46 0.00	16.34 0.41 0.00	17.78 0.50 0.00	25.12 0.65 0.00	34.24 0.95 0.00	44.73 1.38 0.00	34.34 1.14 0.00	34.77 1.12 0.00	28.69 0.81 0.00	27.12 0.66 0.00	25.07 0.58 0.00	26.96 0.69 0.00	23.92 0.67 0.00	25.06 0.74 0.00	30.39 0.94 0.00	31.53 1.08 0.00	40.55 1.56 0.00	36.61 1.36 0.00	28.00 0.98 0.00	23.38 0.82 0.00	21.57 0.60 0.00	20.85 0.40 0.00
MAPLE RIDGE_WT_1 323574	22.41 -0.37 0.00	20.55 -0.34 0.00	18.42 -0.21 0.00	15.74 -0.19 0.00	16.92 -0.36 0.00	23.95 -0.52 0.00	32.74 -0.54 0.00	42.66 -0.69 0.00	32.53 -0.66 0.00	32.81 -0.85 0.00	27.12 -0.77 0.00	25.89 -0.57 0.00	24.31 -0.19 0.00	25.97 -0.29 0.00	23.09 -0.16 0.00	24.15 -0.17 0.00	29.38 -0.07 0.00	30.48 0.02 0.00	39.13 0.13 0.00	35.26 0.00 0.00	26.91 -0.11 0.00	22.30 -0.25 0.00	20.85 -0.13 0.00	20.42 -0.03 0.00
MAPLE RIDGE_WT_2 323611	22.41 -0.37 0.00	20.55 -0.34 0.00	18.42 -0.21 0.00	15.74 -0.19 0.00	16.92 -0.36 0.00	23.95 -0.52 0.00	32.74 -0.54 0.00	42.66 -0.69 0.00	32.53 -0.66 0.00	32.81 -0.85 0.00	27.12 -0.77 0.00	25.89 -0.57 0.00	24.31 -0.19 0.00	25.97 -0.29 0.00	23.09 -0.16 0.00	24.15 -0.17 0.00	29.38 -0.07 0.00	30.48 0.02 0.00	39.13 0.13 0.00	35.26 0.00 0.00	26.91 -0.11 0.00	22.30 -0.25 0.00	20.85 -0.13 0.00	20.42 -0.03 0.00
MARBLE RIVER_WT_PWR 323696	23.03 0.26 0.00	21.12 0.23 0.00	18.93 0.30 0.00	16.17 0.25 0.00	17.61 0.33 0.00	24.97 0.49 0.00	33.82 0.54 0.00	44.39 1.04 0.00	34.16 0.96 0.00	34.92 1.26 0.00	28.72 0.83 0.00	27.26 0.80 0.00	25.03 0.54 0.00	27.08 0.82 0.00	24.00 0.75 0.00	24.90 0.58 0.00	30.33 0.88 0.00	31.41 0.95 0.00	40.07 1.08 0.00	35.90 0.64 0.00	27.35 0.32 0.00	22.60 0.04 0.00	20.85 -0.12 0.00	20.21 -0.24 0.00
MARSHVLE_115KV_TB1 80742	23.53 0.75 0.00	21.63 0.74 0.00	19.32 0.68 0.00	16.47 0.55 0.00	17.77 0.49 0.00	25.20 0.72 0.00	34.60 1.32 0.00	45.15 1.80 0.00	34.53 1.33 0.00	35.01 1.35 0.00	29.04 1.15 0.00	27.63 1.17 0.00	25.46 0.97 0.00	27.22 0.96 0.00	24.10 0.85 0.00	25.22 0.91 0.00	30.47 1.02 0.00	31.68 1.23 0.00	40.55 1.56 0.00	36.68 1.43 0.00	28.11 1.09 0.00	23.48 0.92 0.00	21.83 0.85 0.00	21.44 0.99 0.00
MARSH HILL_WT_PWR 323713	22.65 -0.12 0.00	20.77 -0.12 0.00	18.22 -0.41 0.00	15.45 -0.48 0.00	16.92 -0.36 0.00	24.10 -0.38 0.00	32.68 -0.61 0.00	42.79 -0.56 0.00	32.87 -0.33 0.00	33.74 0.08 0.00	28.09 0.20 0.00	26.59 0.13 0.00	24.49 0.00 0.00	26.19 -0.07 0.00	23.25 -0.01 0.00	24.50 0.19 0.00	29.85 0.40 0.00	31.10 0.65 0.00	40.06 1.06 0.00	36.33 1.08 0.00	27.77 0.75 0.00	23.18 0.63 0.00	21.62 0.65 0.00	21.13 0.68 0.00
MCINTYRE_115KV_TB2 80467	22.96 0.19 0.00	21.07 0.18 0.00	18.85 0.22 0.00	16.11 0.18 0.00	17.45 0.17 0.00	24.79 0.31 0.00	33.75 0.47 0.00	44.01 0.66 0.00	33.66 0.46 0.00	34.29 0.63 0.00	28.25 0.36 0.00	26.80 0.34 0.00	24.65 0.16 0.00	26.40 0.14 0.00	23.40 0.15 0.00	24.45 0.14 0.00	29.64 0.19 0.00	30.72 0.27 0.00	39.38 0.38 0.00	35.58 0.32 0.00	27.27 0.25 0.00	22.69 0.13 0.00	21.14 0.17 0.00	20.53 0.08 0.00
MECO____69_KV_BK1 80468	23.94 1.17 0.00	22.01 1.12 0.00	19.63 0.99 0.00	16.74 0.81 0.00	18.18 0.90 0.00	25.91 1.43 0.00	35.62 2.33 0.00	46.33 2.97 0.00	35.14 1.94 0.00	35.60 1.94 0.00	29.45 1.56 0.00	27.32 0.86 0.00	25.08 0.59 0.00	26.95 0.68 0.00	24.23 0.98 0.00	25.03 0.72 0.00	30.81 1.36 0.00	32.32 1.87 0.00	41.55 2.56 0.00	37.58 2.33 0.00	28.74 1.72 0.00	23.97 1.41 0.00	22.31 1.34 0.00	21.69 1.24 0.00
MENANDS_115KV_TB5 355628	23.20 0.42 0.00	21.33 0.44 0.00	19.00 0.36 0.00	16.25 0.33 0.00	17.70 0.42 0.00	24.99 0.52 0.00	34.04 0.75 0.00	44.47 1.12 0.00	34.15 0.95 0.00	34.57 0.91 0.00	28.54 0.65 0.00	26.96 0.50 0.00	24.95 0.45 0.00	26.82 0.56 0.00	23.80 0.54 0.00	24.93 0.62 0.00	30.22 0.77 0.00	31.35 0.89 0.00	40.31 1.32 0.00	36.38 1.13 0.00	27.83 0.81 0.00	23.24 0.69 0.00	21.45 0.48 0.00	20.73 0.28 0.00
MG INDUSTRY___DRP 24185	23.25 0.48 0.00	21.37 0.47 0.00	19.05 0.41 0.00	16.29 0.37 0.00	17.73 0.45 0.00	25.05 0.57 0.00	34.12 0.83 0.00	44.52 1.16 0.00	34.13 0.93 0.00	34.55 0.89 0.00	28.58 0.69 0.00	27.02 0.56 0.00	25.01 0.52 0.00	26.88 0.61 0.00	23.85 0.60 0.00	25.04 0.72 0.00	30.36 0.91 0.00	31.49 1.03 0.00	40.45 1.46 0.00	36.51 1.26 0.00	27.94 0.92 0.00	23.34 0.79 0.00	21.57 0.60 0.00	20.88 0.43 0.00
MID___OSWEGATCHIE_HYD 23849	22.45 -0.33 0.00	20.56 -0.33 0.00	18.46 -0.17 0.00	15.79 -0.14 0.00	17.04 -0.24 0.00	24.18 -0.30 0.00	33.17 -0.11 0.00	43.20 -0.15 0.00	33.07 -0.12 0.00	33.58 -0.09 0.00	27.52 -0.37 0.00	26.17 -0.28 0.00	24.27 -0.23 0.00	25.99 -0.27 0.00	23.00 -0.25 0.00	24.02 -0.30 0.00	29.28 -0.17 0.00	30.43 -0.03 0.00	39.20 0.20 0.00	35.37 0.12 0.00	27.01 -0.01 0.00	22.33 -0.22 0.00	20.74 -0.23 0.00	20.35 -0.10 0.00
MID___RAQUETTE_HYD 23851	22.64 -0.13 0.00	20.77 -0.12 0.00	18.61 -0.03 0.00	15.90 -0.03 0.00	17.21 -0.07 0.00	24.40 -0.07 0.00	33.23 -0.06 0.00	43.32 -0.03 0.00	33.15 -0.05 0.00	33.75 0.09 0.00	27.79 -0.10 0.00	26.40 -0.06 0.00	24.37 -0.12 0.00	26.15 -0.11 0.00	23.16 -0.09 0.00	24.15 -0.16 0.00	29.33 -0.12 0.00	30.35 -0.10 0.00	38.87 -0.12 0.00	35.07 -0.19 0.00	26.87 -0.15 0.00	22.33 -0.22 0.00	20.80 -0.17 0.00	20.25 -0.21 0.00
MILLIKEN___1 23584	23.04 0.27 0.00	21.06 0.17 0.00	18.75 0.12 0.00	16.01 0.08 0.00	17.38 0.10 0.00	24.76 0.29 0.00	33.86 0.57 0.00	44.70 1.35 0.00	34.07 0.87 0.00	34.56 0.90 0.00	28.61 0.72 0.00	27.13 0.67 0.00	25.04 0.54 0.00	26.78 0.51 0.00	23.71 0.46 0.00	25.02 0.70 0.00	30.38 0.93 0.00	31.57 1.12 0.00	40.56 1.57 0.00	36.75 1.50 0.00	28.07 1.05 0.00	23.35 0.79 0.00	21.69 0.72 0.00	21.21 0.76 0.00
MILLIKEN___2 23585	23.04 0.27 0.00	21.06 0.17 0.00	18.75 0.12 0.00	16.01 0.08 0.00	17.38 0.10 0.00	24.76 0.29 0.00	33.86 0.57 0.00	44.70 1.35 0.00	34.07 0.87 0.00	34.56 0.90 0.00	28.61 0.72 0.00	27.13 0.67 0.00	25.04 0.54 0.00	26.78 0.51 0.00	23.71 0.46 0.00	25.02 0.70 0.00	30.38 0.93 0.00	31.57 1.12 0.00	40.56 1.57 0.00	36.75 1.50 0.00	28.07 1.05 0.00	23.35 0.79 0.00	21.69 0.72 0.00	21.21 0.76 0.00
MILLIKEN___DIESEL 23629	23.04 0.27 0.00	21.06 0.17 0.00	18.75 0.12 0.00	16.01 0.08 0.00	17.38 0.10 0.00	24.76 0.29 0.00	33.86 0.57 0.00	44.70 1.35 0.00	34.07 0.87 0.00	34.56 0.90 0.00	28.61 0.72 0.00	27.13 0.67 0.00	25.04 0.54 0.00	26.78 0.51 0.00	23.71 0.46 0.00	25.02 0.70 0.00	30.38 0.93 0.00	31.57 1.12 0.00	40.56 1.57 0.00	36.75 1.50 0.00	28.07 1.05 0.00	23.35 0.79 0.00	21.69 0.72 0.00	21.21 0.76 0.00

MILLSEAT___LFGE 323607	22.48 -0.29 0.00	20.45 -0.44 0.00	18.22 -0.42 0.00	15.62 -0.30 0.00	16.93 -0.35 0.00	24.33 -0.15 0.00	32.88 -0.41 0.00	42.84 -0.51 0.00	32.81 -0.39 0.00	33.50 -0.17 0.00	27.78 -0.11 0.00	26.30 -0.16 0.00	24.31 -0.18 0.00	26.01 -0.26 0.00	23.10 -0.15 0.00	24.14 -0.18 0.00	29.05 -0.40 0.00	30.28 -0.17 0.00	38.83 -0.16 0.00	35.24 -0.01 0.00	26.92 -0.10 0.00	22.59 0.04 0.00	21.20 0.22 0.00	20.77 0.32 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.92 1.15 0.00	21.99 1.10 0.00	19.53 0.90 0.00	16.72 0.79 0.00	18.21 0.93 0.00	25.77 1.30 0.00	35.13 1.85 0.00	45.84 2.50 0.00	35.23 2.03 0.00	35.64 1.98 0.00	29.56 1.68 0.00	27.99 1.53 0.00	25.98 1.49 0.00	27.90 1.63 0.00	24.77 1.51 0.00	25.99 1.68 0.00	31.50 2.05 0.00	32.52 2.07 0.00	41.72 2.72 0.00	37.77 2.52 0.00	28.87 1.84 0.00	24.09 1.53 0.00	22.20 1.22 0.00	21.42 0.97 0.00
MILLWOOD_13_KV_LOAD 356217	23.98 1.21 0.00	22.04 1.15 0.00	19.57 0.94 0.00	16.75 0.82 0.00	18.24 0.96 0.00	25.82 1.35 0.00	35.21 1.92 0.00	45.95 2.60 0.00	35.32 2.12 0.00	35.73 2.07 0.00	29.64 1.75 0.00	28.06 1.60 0.00	26.04 1.55 0.00	27.96 1.70 0.00	24.83 1.57 0.00	26.06 1.75 0.00	31.58 2.13 0.00	32.62 2.16 0.00	41.84 2.85 0.00	37.89 2.64 0.00	28.94 1.92 0.00	24.14 1.59 0.00	22.25 1.27 0.00	21.47 1.01 0.00
MODEL_CITY_ENERGY 24167	21.83 -0.94 0.00	19.86 -1.04 0.00	17.70 -0.94 0.00	15.20 -0.73 0.00	16.46 -0.82 0.00	23.64 -0.84 0.00	31.76 -1.52 0.00	41.24 -2.12 0.00	31.66 -1.54 0.00	32.42 -1.24 0.00	26.96 -0.93 0.00	25.55 -0.90 0.00	23.60 -0.90 0.00	25.25 -1.01 0.00	22.38 -0.87 0.00	23.35 -0.96 0.00	28.09 -1.36 0.00	29.25 -1.20 0.00	37.45 -1.54 0.00	34.00 -1.25 0.00	26.00 -1.02 0.00	21.89 -0.66 0.00	20.61 -0.36 0.00	20.23 -0.22 0.00
MODERN_LFGE___ 323580	21.83 -0.94 0.00	19.86 -1.04 0.00	17.70 -0.94 0.00	15.20 -0.73 0.00	16.46 -0.82 0.00	23.64 -0.84 0.00	31.76 -1.52 0.00	41.24 -2.12 0.00	31.66 -1.54 0.00	32.42 -1.24 0.00	26.96 -0.93 0.00	25.55 -0.90 0.00	23.60 -0.90 0.00	25.25 -1.01 0.00	22.38 -0.87 0.00	23.35 -0.96 0.00	28.09 -1.36 0.00	29.25 -1.20 0.00	37.45 -1.54 0.00	34.00 -1.25 0.00	26.00 -1.02 0.00	21.89 -0.66 0.00	20.61 -0.36 0.00	20.23 -0.22 0.00
MOHAWK_PAPER___DRP 24187	23.32 0.55 0.00	21.44 0.54 0.00	19.09 0.46 0.00	16.34 0.41 0.00	17.78 0.50 0.00	25.12 0.65 0.00	34.24 0.95 0.00	44.73 1.38 0.00	34.34 1.14 0.00	34.77 1.12 0.00	28.69 0.81 0.00	27.12 0.66 0.00	25.07 0.58 0.00	26.96 0.69 0.00	23.92 0.67 0.00	25.06 0.74 0.00	30.39 0.94 0.00	31.53 1.08 0.00	40.55 1.56 0.00	36.61 1.36 0.00	28.00 0.98 0.00	23.38 0.82 0.00	21.57 0.60 0.00	20.85 0.40 0.00
MOHICAN___35_KV_115KV_LD 80490	23.74 0.97 0.00	21.82 0.93 0.00	19.44 0.80 0.00	16.63 0.71 0.00	18.15 0.87 0.00	25.77 1.29 0.00	35.06 1.77 0.00	45.88 2.52 0.00	35.32 2.12 0.00	35.85 2.19 0.00	29.59 1.71 0.00	27.89 1.43 0.00	25.67 1.18 0.00	27.67 1.40 0.00	24.52 1.27 0.00	25.63 1.32 0.00	31.09 1.65 0.00	32.41 1.96 0.00	41.83 2.84 0.00	37.79 2.54 0.00	28.88 1.86 0.00	24.03 1.48 0.00	22.14 1.17 0.00	21.35 0.90 0.00
MONGAUP___HYD 23641	23.94 1.16 0.00	21.95 1.06 0.00	19.52 0.88 0.00	16.70 0.77 0.00	18.18 0.90 0.00	25.77 1.30 0.00	35.14 1.85 0.00	45.54 2.19 0.00	34.86 1.66 0.00	35.21 1.55 0.00	29.31 1.42 0.00	27.70 1.25 0.00	25.69 1.20 0.00	27.33 1.06 0.00	24.08 0.83 0.00	25.27 0.96 0.00	30.80 1.35 0.00	31.91 1.45 0.00	40.87 1.87 0.00	37.05 1.80 0.00	28.36 1.34 0.00	23.82 1.26 0.00	22.10 1.13 0.00	21.47 1.01 0.00
MONTAUK___DIESEL 23721	25.00 2.23 0.00	22.88 1.98 0.00	20.34 1.71 0.00	17.46 1.54 0.00	19.00 1.72 0.00	26.91 2.43 0.00	36.54 3.26 0.00	47.46 4.11 0.00	37.12 3.92 0.00	37.43 3.77 0.00	31.23 3.34 0.00	29.73 3.28 0.00	27.73 3.25 0.00	29.69 3.43 0.00	26.51 3.26 0.00	27.93 3.62 0.00	33.97 4.52 0.00	35.04 4.58 0.00	44.44 5.45 0.00	40.42 5.17 0.00	30.86 3.84 0.00	25.81 3.26 0.00	20.29 2.43 0.00	22.41 1.96 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.33 -0.44 0.00	20.26 -0.64 0.00	18.18 -0.46 0.00	15.64 -0.28 0.00	17.05 -0.23 0.00	24.66 0.19 0.00	33.62 0.34 0.00	43.93 0.58 0.00	33.57 0.37 0.00	34.40 0.74 0.00	28.57 0.68 0.00	26.92 0.46 0.00	24.87 0.37 0.00	26.81 0.55 0.00	23.68 0.43 0.00	24.85 0.53 0.00	30.12 0.67 0.00	31.33 0.87 0.00	40.26 1.26 0.00	36.53 1.28 0.00	27.91 0.88 0.00	23.35 0.80 0.00	21.81 0.84 0.00	21.28 0.83 0.00
MORTIMER_115KV_TB3 55949	22.48 -0.29 0.00	20.52 -0.37 0.00	18.28 -0.36 0.00	15.63 -0.29 0.00	16.94 -0.33 0.00	24.21 -0.27 0.00	32.91 -0.37 0.00	43.00 -0.35 0.00	32.96 -0.23 0.00	33.45 -0.21 0.00	27.73 -0.15 0.00	26.29 -0.16 0.00	24.30 -0.19 0.00	26.03 -0.23 0.00	23.05 -0.20 0.00	24.08 -0.23 0.00	29.09 -0.36 0.00	30.24 -0.22 0.00	38.78 -0.22 0.00	35.17 -0.08 0.00	26.87 -0.16 0.00	22.49 -0.06 0.00	20.97 0.00 0.00	20.55 0.09 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	24.04 1.27 0.00	22.10 1.21 0.00	19.62 0.98 0.00	16.80 0.87 0.00	18.28 1.00 0.00	25.86 1.39 0.00	35.29 2.00 0.00	46.06 2.71 0.00	35.43 2.23 0.00	35.87 2.21 0.00	29.77 1.88 0.00	28.19 1.74 0.00	26.17 1.68 0.00	28.10 1.84 0.00	24.96 1.71 0.00	26.18 1.87 0.00	31.71 2.26 0.00	32.72 2.26 0.00	41.90 2.91 0.00	37.96 2.71 0.00	29.02 2.00 0.00	24.23 1.67 0.00	22.33 1.35 0.00	21.52 1.07 0.00
MUNSVILLE_WIND_PWR 323609	23.95 1.18 0.00	21.92 1.03 0.00	19.55 0.92 0.00	16.61 0.69 0.00	18.09 0.81 0.00	25.91 1.43 0.00	35.64 2.36 0.00	46.96 3.61 0.00	35.79 2.59 0.00	36.33 2.67 0.00	29.85 1.96 0.00	28.29 1.83 0.00	26.21 1.72 0.00	28.11 1.84 0.00	24.86 1.61 0.00	26.27 1.96 0.00	32.03 2.58 0.00	33.35 2.89 0.00	42.95 3.95 0.00	38.87 3.62 0.00	29.66 2.64 0.00	24.53 1.98 0.00	22.77 1.79 0.00	22.10 1.65 0.00
N SALMON___HYD 24042	23.10 0.33 0.00	21.18 0.29 0.00	18.98 0.35 0.00	16.21 0.29 0.00	17.62 0.34 0.00	25.00 0.53 0.00	33.95 0.66 0.00	44.52 1.17 0.00	34.20 1.00 0.00	34.92 1.26 0.00	28.71 0.82 0.00	27.23 0.77 0.00	25.05 0.56 0.00	27.05 0.79 0.00	23.95 0.70 0.00	24.88 0.56 0.00	30.30 0.85 0.00	31.38 0.93 0.00	40.06 1.07 0.00	35.97 0.72 0.00	27.45 0.43 0.00	22.71 0.16 0.00	21.00 0.03 0.00	20.36 -0.09 0.00
N.AKRON___115KV_KNAPP 355671	22.38 -0.40 0.00	20.36 -0.54 0.00	18.14 -0.50 0.00	15.56 -0.37 0.00	16.86 -0.42 0.00	24.22 -0.26 0.00	32.67 -0.62 0.00	42.55 -0.80 0.00	32.61 -0.58 0.00	33.36 -0.30 0.00	27.66 -0.23 0.00	26.19 -0.27 0.00	24.19 -0.30 0.00	25.89 -0.37 0.00	22.98 -0.27 0.00	23.96 -0.36 0.00	28.89 -0.56 0.00	30.10 -0.35 0.00	38.57 -0.42 0.00	35.03 -0.22 0.00	26.76 -0.26 0.00	22.54 -0.02 0.00	21.12 0.14 0.00	20.70 0.24 0.00

N.BELMOR_69_KV_BK1 55787	24.18 1.41 0.00	22.18 1.28 0.00	19.71 1.07 0.00	16.87 0.95 0.00	18.36 1.09 0.00	26.01 1.53 0.00	35.24 1.95 0.00	45.84 2.49 0.00	35.39 2.20 0.00	35.80 2.14 0.00	29.88 1.99 0.00	28.37 1.91 -0.01	26.38 1.88 -0.01	28.25 1.98 0.00	25.17 1.92 0.00	26.48 2.16 0.00	32.04 2.60 0.00	32.91 2.45 0.00	41.97 2.98 0.00	38.15 2.90 0.00	29.21 2.19 0.00	24.45 1.90 0.00	31.88 1.59 -9.32	21.65 1.19 0.00
N.E_GEN_SANDY PD 24062	23.55 0.77 0.00	21.66 0.77 0.00	19.27 0.64 0.00	16.50 0.57 0.00	17.98 0.70 0.00	25.46 0.93 -0.06	34.51 1.23 0.00	43.79 1.70 1.26	34.62 1.43 0.00	33.01 1.37 2.02	27.85 1.04 1.08	27.32 0.86 0.00	25.32 0.83 0.00	27.23 0.96 0.00	24.15 0.90 0.00	25.33 1.02 0.00	30.49 1.25 0.21	31.29 1.37 0.53	40.96 1.97 0.00	37.73 1.75 -0.72	28.31 1.29 0.00	23.64 1.09 0.00	21.79 0.82 0.00	20.52 0.60 0.53
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.94 1.17 0.00	21.99 1.10 0.00	19.53 0.90 0.00	16.72 0.80 0.00	18.22 0.94 0.00	25.80 1.32 0.00	35.17 1.88 0.00	45.89 2.54 0.00	35.20 2.00 0.00	35.60 1.94 0.00	29.53 1.65 0.00	27.96 1.50 0.00	25.98 1.48 0.00	27.88 1.61 0.00	24.75 1.49 0.00	25.98 1.67 0.00	31.49 2.04 0.00	32.53 2.07 0.00	41.76 2.76 0.00	37.78 2.53 0.00	28.86 1.84 0.00	24.07 1.52 0.00	22.20 1.22 0.00	21.43 0.98 0.00
N.QUEENS_27_KV_LOAD 356247	24.04 1.27 0.00	22.14 1.25 0.00	19.68 1.04 0.00	16.83 0.90 0.00	18.30 1.03 0.00	25.77 1.30 0.00	35.27 1.99 0.00	46.12 2.77 0.00	35.47 2.28 0.01	35.86 2.20 0.00	29.81 1.92 0.00	28.22 1.76 0.00	26.19 1.70 0.00	28.11 1.85 0.00	24.99 1.74 0.00	26.21 1.89 0.00	31.72 2.27 0.00	32.73 2.29 0.01	41.96 2.98 0.01	38.03 2.79 0.01	29.06 2.05 0.01	24.25 1.69 0.00	22.33 1.36 0.00	21.50 1.05 0.00
N.TROY___115KV_TB1 355778	23.46 0.69 0.00	21.57 0.67 0.00	19.21 0.58 0.00	16.44 0.51 0.00	17.90 0.62 0.00	25.31 0.84 0.00	34.41 1.12 0.00	44.93 1.58 0.00	34.51 1.32 0.00	34.97 1.30 0.00	28.85 0.96 0.00	27.25 0.79 0.00	25.22 0.73 0.00	27.12 0.86 0.00	24.03 0.78 0.00	25.16 0.85 0.00	30.51 1.06 0.00	31.64 1.19 0.00	40.72 1.72 0.00	36.76 1.51 0.00	28.16 1.14 0.00	23.50 0.95 0.00	21.70 0.72 0.00	20.99 0.53 0.00
NARROWS_GT1_1 24228	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
NARROWS_GT1_2 24229	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
NARROWS_GT1_3 24230	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
NARROWS_GT1_4 24231	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
NARROWS_GT1_5 24232	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
NARROWS_GT1_6 24233	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
NARROWS_GT1_7 24234	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
NARROWS_GT1_8 24235	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
NARROWS_GT2_1 24236	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
NARROWS_GT2_2 24237	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00

NARROWS_GT2_3 24238	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
NARROWS_GT2_4 24239	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
NARROWS_GT2_5 24240	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
NARROWS_GT2_6 24241	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
NARROWS_GT2_7 24242	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
NARROWS_GT2_8 24243	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.01 0.00	29.69 2.22 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.76 0.99 0.00	21.83 0.94 0.00	19.48 0.84 0.00	16.67 0.74 0.00	18.17 0.89 0.00	25.70 1.23 0.00	35.15 1.86 0.00	46.21 2.86 0.00	36.73 3.53 0.00	37.07 3.41 0.00	30.34 2.45 0.00	28.38 1.92 0.00	25.98 1.49 0.00	27.73 1.47 0.00	24.60 1.35 0.00	25.26 0.95 0.00	30.72 1.27 0.00	32.00 1.54 0.00	41.22 2.23 0.00	37.19 1.94 0.00	28.44 1.42 0.00	23.71 1.16 0.00	21.84 0.86 0.00	21.08 0.62 0.00
NCHELSEA_115KV_TR2 355582	24.06 1.29 0.00	22.11 1.22 0.00	19.65 1.02 0.00	16.82 0.89 0.00	18.32 1.04 0.00	25.94 1.46 0.00	35.38 2.10 0.00	46.21 2.86 0.00	35.46 2.26 0.00	35.85 2.19 0.00	29.71 1.82 0.00	28.11 1.65 0.00	26.08 1.58 0.00	27.98 1.72 0.00	24.82 1.57 0.00	26.06 1.75 0.00	31.61 2.16 0.00	32.71 2.25 0.00	42.03 3.04 0.00	38.05 2.80 0.00	29.07 2.05 0.00	24.23 1.68 0.00	22.34 1.36 0.00	21.57 1.12 0.00
NEG CAPITAL___MECHNVIL 23645	23.73 0.96 0.00	21.80 0.90 0.00	19.41 0.77 0.00	16.61 0.68 0.00	18.09 0.81 0.00	25.63 1.15 0.00	34.91 1.62 0.00	45.61 2.26 0.00	35.05 1.86 0.00	35.53 1.87 0.00	29.34 1.45 0.00	27.70 1.25 0.00	25.60 1.11 0.00	27.52 1.26 0.00	24.41 1.16 0.00	25.55 1.24 0.00	31.00 1.55 0.00	32.20 1.75 0.00	41.44 2.45 0.00	37.42 2.17 0.00	28.63 1.61 0.00	23.87 1.31 0.00	22.00 1.03 0.00	21.27 0.82 0.00
NEG CENTRAL_HIGH_ACRES 23767	22.15 -0.62 0.00	20.24 -0.65 0.00	18.03 -0.61 0.00	15.42 -0.51 0.00	16.72 -0.56 0.00	23.87 -0.61 0.00	32.53 -0.76 0.00	42.65 -0.70 0.00	32.64 -0.55 0.00	33.11 -0.55 0.00	27.45 -0.44 0.00	26.00 -0.46 0.00	24.02 -0.48 0.00	25.72 -0.54 0.00	22.80 -0.46 0.00	23.84 -0.47 0.00	28.83 -0.62 0.00	29.96 -0.49 0.00	38.45 -0.54 0.00	34.83 -0.42 0.00	26.60 -0.42 0.00	22.20 -0.35 0.00	20.69 -0.28 0.00	20.29 -0.16 0.00
NEG CENTRAL___DRP 24199	22.72 -0.05 0.00	20.77 -0.12 0.00	18.47 -0.16 0.00	15.77 -0.16 0.00	17.13 -0.15 0.00	24.41 -0.07 0.00	33.31 0.03 0.00	44.20 0.85 0.00	33.72 0.53 0.00	34.24 0.58 0.00	28.41 0.53 0.00	26.88 0.42 0.00	24.81 0.32 0.00	26.55 0.29 0.00	23.52 0.27 0.00	24.70 0.39 0.00	29.99 0.54 0.00	31.17 0.72 0.00	39.99 1.00 0.00	36.23 0.98 0.00	27.69 0.67 0.00	23.07 0.52 0.00	21.45 0.48 0.00	21.01 0.56 0.00
NEG CENTRAL___INDECK 23768	23.16 0.39 0.00	21.12 0.23 0.00	18.73 0.10 0.00	15.96 0.03 0.00	17.35 0.07 0.00	24.87 0.39 0.00	33.89 0.61 0.00	44.42 1.07 0.00	33.99 0.79 0.00	34.62 0.96 0.00	28.70 0.81 0.00	27.11 0.65 0.00	24.98 0.49 0.00	26.69 0.42 0.00	23.64 0.39 0.00	24.87 0.55 0.00	30.13 0.68 0.00	31.43 0.97 0.00	40.49 1.49 0.00	36.74 1.49 0.00	28.05 1.03 0.00	23.41 0.86 0.00	21.80 0.83 0.00	21.31 0.86 0.00
NEG CENTRAL___SENECA 23627	22.79 0.02 0.00	20.82 -0.07 0.00	18.49 -0.14 0.00	15.79 -0.14 0.00	17.15 -0.12 0.00	24.48 0.01 0.00	33.35 0.06 0.00	44.00 0.65 0.00	33.61 0.41 0.00	34.12 0.46 0.00	28.33 0.44 0.00	26.79 0.33 0.00	24.75 0.26 0.00	26.50 0.23 0.00	23.48 0.23 0.00	24.67 0.36 0.00	29.93 0.48 0.00	31.10 0.64 0.00	39.88 0.88 0.00	36.13 0.87 0.00	27.63 0.61 0.00	23.07 0.51 0.00	21.46 0.49 0.00	20.98 0.53 0.00
NEG CENTRAL___STATE_STREET 24147	22.85 0.08 0.00	20.90 0.01 0.00	18.65 0.01 0.00	15.94 0.01 0.00	17.32 0.04 0.00	24.62 0.14 0.00	33.65 0.37 0.00	44.93 1.58 0.00	34.27 1.07 0.00	34.86 1.20 0.00	28.91 1.03 0.00	27.41 0.95 0.00	25.20 0.71 0.00	26.95 0.68 0.00	23.87 0.62 0.00	25.08 0.76 0.00	30.49 1.04 0.00	31.75 1.30 0.00	40.75 1.75 0.00	36.95 1.70 0.00	28.18 1.16 0.00	23.37 0.82 0.00	21.64 0.67 0.00	21.26 0.81 0.00
NEG MILLWOOD___DRP 24198	24.11 1.34 0.00	22.15 1.26 0.00	19.68 1.04 0.00	16.84 0.91 0.00	18.34 1.06 0.00	25.97 1.49 0.00	35.44 2.15 0.00	46.30 2.95 0.00	35.55 2.35 0.00	35.97 2.31 0.00	29.81 1.93 0.00	28.21 1.75 0.00	26.16 1.67 0.00	28.08 1.82 0.00	24.92 1.66 0.00	26.16 1.85 0.00	31.70 2.25 0.00	32.80 2.35 0.00	42.14 3.14 0.00	38.15 2.90 0.00	29.14 2.12 0.00	24.29 1.74 0.00	22.38 1.41 0.00	21.59 1.14 0.00

NEG NORTH_FLCN_SEA 23793	23.25 0.48 0.00	21.34 0.45 0.00	19.10 0.47 0.00	16.32 0.40 0.00	17.79 0.51 0.00	25.27 0.79 0.00	34.21 0.92 0.00	44.98 1.63 0.00	34.63 1.43 0.00	35.47 1.81 0.00	29.13 1.24 0.00	27.62 1.16 0.00	25.40 0.91 0.00	27.47 1.21 0.00	24.34 1.09 0.00	25.23 0.92 0.00	30.73 1.29 0.00	31.88 1.43 0.00	40.73 1.74 0.00	36.47 1.22 0.00	27.79 0.77 0.00	22.94 0.39 0.00	21.17 0.20 0.00	20.48 0.02 0.00
NEG NORTH_KES_CHATEGAY 23792	23.06 0.29 0.00	21.16 0.26 0.00	18.96 0.33 0.00	16.20 0.27 0.00	17.63 0.35 0.00	24.99 0.51 0.00	33.86 0.57 0.00	44.45 1.10 0.00	34.18 0.99 0.00	34.92 1.26 0.00	28.71 0.82 0.00	27.24 0.78 0.00	25.02 0.53 0.00	27.07 0.81 0.00	23.98 0.73 0.00	24.89 0.58 0.00	30.32 0.87 0.00	31.40 0.95 0.00	40.04 1.05 0.00	35.89 0.64 0.00	27.36 0.33 0.00	22.61 0.06 0.00	20.87 -0.10 0.00	20.24 -0.21 0.00
NEG NORTH___ALICE_FALLS 23915	23.30 0.53 0.00	21.37 0.48 0.00	19.12 0.49 0.00	16.34 0.41 0.00	17.82 0.54 0.00	25.30 0.83 0.00	34.28 0.99 0.00	45.10 1.75 0.00	34.72 1.52 0.00	35.55 1.89 0.00	29.15 1.27 0.00	27.65 1.20 0.00	25.42 0.92 0.00	27.49 1.22 0.00	24.36 1.11 0.00	25.24 0.93 0.00	30.76 1.31 0.00	31.91 1.45 0.00	40.78 1.79 0.00	36.54 1.29 0.00	27.84 0.82 0.00	22.98 0.42 0.00	21.20 0.22 0.00	20.50 0.05 0.00
NEG NORTH___LWR_SARANAC 23913	23.30 0.53 0.00	21.37 0.48 0.00	19.12 0.49 0.00	16.34 0.41 0.00	17.82 0.54 0.00	25.30 0.83 0.00	34.28 0.99 0.00	45.10 1.75 0.00	34.72 1.52 0.00	35.55 1.89 0.00	29.15 1.27 0.00	27.65 1.20 0.00	25.42 0.92 0.00	27.49 1.22 0.00	24.36 1.11 0.00	25.24 0.93 0.00	30.76 1.31 0.00	31.91 1.45 0.00	40.78 1.79 0.00	36.54 1.29 0.00	27.84 0.82 0.00	22.98 0.42 0.00	21.20 0.22 0.00	20.50 0.05 0.00
NEG NORTH___PLATTSBURG 23628	23.30 0.53 0.00	21.37 0.48 0.00	19.12 0.49 0.00	16.34 0.41 0.00	17.82 0.54 0.00	25.30 0.83 0.00	34.28 0.99 0.00	45.10 1.75 0.00	34.72 1.52 0.00	35.55 1.89 0.00	29.15 1.27 0.00	27.65 1.20 0.00	25.42 0.92 0.00	27.49 1.22 0.00	24.36 1.11 0.00	25.24 0.93 0.00	30.76 1.31 0.00	31.91 1.45 0.00	40.78 1.79 0.00	36.54 1.29 0.00	27.84 0.82 0.00	22.98 0.43 0.00	21.20 0.22 0.00	20.50 0.05 0.00
NEG WEST_LEA_LOCKPORT 23791	22.06 -0.71 0.00	20.07 -0.83 0.00	17.88 -0.76 0.00	15.34 -0.59 0.00	16.62 -0.66 0.00	23.86 -0.61 0.00	32.12 -1.17 0.00	41.76 -1.59 0.00	32.05 -1.15 0.00	32.85 -0.81 0.00	27.28 -0.61 0.00	25.84 -0.62 0.00	23.85 -0.64 0.00	25.53 -0.73 0.00	22.64 -0.62 0.00	23.58 -0.73 0.00	28.43 -1.02 0.00	29.62 -0.83 0.00	37.93 -1.06 0.00	34.44 -0.81 0.00	26.32 -0.70 0.00	22.20 -0.36 0.00	20.84 -0.14 0.00	20.45 -0.01 0.00
NEG WEST___LANCASTR 23811	22.75 -0.02 0.00	20.70 -0.19 0.00	18.41 -0.22 0.00	15.78 -0.14 0.00	17.11 -0.17 0.00	24.54 0.07 0.00	33.18 -0.11 0.00	43.38 0.03 0.00	33.23 0.03 0.00	34.09 0.43 0.00	28.29 0.41 0.00	26.76 0.31 0.00	24.74 0.24 0.00	26.49 0.23 0.00	23.46 0.21 0.00	24.51 0.20 0.00	29.59 0.14 0.00	30.78 0.32 0.00	39.47 0.47 0.00	35.79 0.54 0.00	27.34 0.32 0.00	22.95 0.40 0.00	21.47 0.50 0.00	21.01 0.56 0.00
NEG_PENN_ALLEGHNY 23528	22.79 0.01 0.00	20.81 -0.08 0.00	18.49 -0.14 0.00	15.79 -0.14 0.00	17.15 -0.13 0.00	24.43 -0.05 0.00	33.32 0.03 0.00	43.71 0.36 0.00	33.40 0.20 0.00	33.95 0.29 0.00	28.13 0.24 0.00	26.63 0.17 0.00	24.65 0.15 0.00	26.39 0.12 0.00	23.35 0.10 0.00	24.73 0.42 0.00	30.00 0.55 0.00	31.07 0.62 0.00	39.85 0.86 0.00	36.07 0.81 0.00	27.60 0.58 0.00	22.99 0.44 0.00	21.37 0.39 0.00	20.84 0.39 0.00
NEG___GEN_MONROE 24207	22.63 -0.14 0.00	20.63 -0.27 0.00	18.37 -0.26 0.00	15.71 -0.21 0.00	17.05 -0.22 0.00	24.38 -0.09 0.00	33.13 -0.16 0.00	43.28 -0.07 0.00	33.14 -0.06 0.00	33.65 -0.01 0.00	27.88 0.00 0.00	26.44 -0.02 0.00	24.44 -0.05 0.00	26.19 -0.07 0.00	23.20 -0.05 0.00	24.23 -0.08 0.00	29.27 -0.18 0.00	30.44 -0.01 0.00	39.05 0.06 0.00	35.43 0.18 0.00	27.06 0.03 0.00	22.66 0.11 0.00	21.14 0.16 0.00	20.70 0.25 0.00
NEPA___ENERGY 23901	22.52 -0.25 0.00	20.48 -0.41 0.00	18.20 -0.44 0.00	15.61 -0.31 0.00	16.98 -0.30 0.00	24.33 -0.15 0.00	32.99 -0.29 0.00	43.18 -0.17 0.00	33.00 -0.20 0.00	33.73 0.07 0.00	28.05 0.16 0.00	26.50 0.04 0.00	24.52 0.03 0.00	26.31 0.04 0.00	23.25 0.00 0.00	24.36 0.05 0.00	29.51 0.06 0.00	30.59 0.14 0.00	39.25 0.26 0.00	35.56 0.31 0.00	27.16 0.14 0.00	22.68 0.13 0.00	21.18 0.20 0.00	20.73 0.27 0.00
NEVERSINK___HYD 23608	24.24 1.47 0.00	22.25 1.35 0.00	19.79 1.16 0.00	16.94 1.01 0.00	18.44 1.16 0.00	26.14 1.66 0.00	35.68 2.40 0.00	46.60 3.25 0.00	35.46 2.27 0.00	35.84 2.18 0.00	29.65 1.76 0.00	28.04 1.58 0.00	26.02 1.53 0.00	27.88 1.61 0.00	24.68 1.43 0.00	25.93 1.62 0.00	31.52 2.07 0.00	32.70 2.25 0.00	42.18 3.18 0.00	38.09 2.84 0.00	29.18 2.16 0.00	24.27 1.72 0.00	22.57 1.60 0.00	21.83 1.38 0.00
NEWKRMKL_115KV_TB1 55635	23.10 0.32 0.00	21.23 0.34 0.00	18.91 0.28 0.00	16.18 0.25 0.00	17.61 0.33 0.00	24.89 0.41 0.00	33.92 0.63 0.00	44.29 0.94 0.00	34.00 0.80 0.00	34.43 0.77 0.00	28.43 0.54 0.00	26.86 0.40 0.00	24.85 0.36 0.00	26.72 0.46 0.00	23.71 0.46 0.00	24.83 0.52 0.00	30.12 0.67 0.00	31.23 0.78 0.00	40.14 1.14 0.00	36.23 0.98 0.00	27.72 0.70 0.00	23.14 0.58 0.00	21.36 0.39 0.00	20.65 0.20 0.00
NEWTON___FALLS_HYD 23847	22.45 -0.33 0.00	20.56 -0.33 0.00	18.46 -0.17 0.00	15.79 -0.14 0.00	17.04 -0.24 0.00	24.18 -0.30 0.00	33.17 -0.11 0.00	43.20 -0.15 0.00	33.07 -0.12 0.00	33.58 -0.09 0.00	27.52 -0.37 0.00	26.17 -0.28 0.00	24.27 -0.23 0.00	25.99 -0.27 0.00	23.00 -0.25 0.00	24.02 -0.30 0.00	29.28 -0.17 0.00	30.43 -0.03 0.00	39.20 0.20 0.00	35.37 0.12 0.00	27.01 -0.01 0.00	22.33 -0.22 0.00	20.74 -0.23 0.00	20.35 -0.10 0.00
NGRID_A1_DSASP 323792	21.79 -0.98 0.00	19.87 -1.03 0.00	17.71 -0.93 0.00	15.18 -0.74 0.00	16.43 -0.85 0.00	23.58 -0.89 0.00	31.70 -1.59 0.00	40.86 -2.49 0.00	31.29 -1.91 0.00	32.07 -1.59 0.00	26.68 -1.20 0.00	25.30 -1.16 0.00	23.36 -1.13 0.00	25.01 -1.26 0.00	22.15 -1.10 0.00	23.10 -1.21 0.00	27.78 -1.67 0.00	28.93 -1.53 0.00	37.02 -1.98 0.00	33.60 -1.65 0.00	25.70 -1.32 0.00	21.72 -0.84 0.00	20.50 -0.47 0.00	20.22 -0.24 0.00
NGRID_A2_DSASP 323793	21.79 -0.98 0.00	19.87 -1.03 0.00	17.71 -0.93 0.00	15.18 -0.74 0.00	16.43 -0.85 0.00	23.58 -0.89 0.00	31.70 -1.59 0.00	40.86 -2.49 0.00	31.29 -1.91 0.00	32.07 -1.59 0.00	26.68 -1.20 0.00	25.30 -1.16 0.00	23.36 -1.13 0.00	25.01 -1.26 0.00	22.15 -1.10 0.00	23.10 -1.21 0.00	27.78 -1.67 0.00	28.93 -1.53 0.00	37.02 -1.98 0.00	33.60 -1.65 0.00	25.70 -1.32 0.00	21.72 -0.84 0.00	20.50 -0.47 0.00	20.22 -0.24 0.00

NGRID_A4_DSASP 323807	21.79 -0.98 0.00	19.87 -1.03 0.00	17.71 -0.93 0.00	15.18 -0.74 0.00	16.43 -0.85 0.00	23.58 -0.89 0.00	31.70 -1.59 0.00	40.86 -2.49 0.00	31.29 -1.91 0.00	32.07 -1.59 0.00	26.68 -1.20 0.00	25.30 -1.16 0.00	23.36 -1.13 0.00	25.01 -1.26 0.00	22.15 -1.10 0.00	23.10 -1.21 0.00	27.78 -1.67 0.00	28.93 -1.53 0.00	37.02 -1.98 0.00	33.60 -1.65 0.00	25.70 -1.32 0.00	21.72 -0.84 0.00	20.50 -0.47 0.00	20.22 -0.24 0.00
NIAGARA_115E_LBMP 323715	21.70 -1.07 0.00	19.74 -1.15 0.00	17.59 -1.05 0.00	15.12 -0.81 0.00	16.37 -0.91 0.00	23.51 -0.97 0.00	31.56 -1.73 0.00	40.95 -2.40 0.00	31.44 -1.76 0.00	32.21 -1.45 0.00	26.79 -1.09 0.00	25.40 -1.06 0.00	23.45 -1.04 0.00	25.10 -1.17 0.00	22.24 -1.01 0.00	23.20 -1.11 0.00	27.91 -1.54 0.00	29.06 -1.40 0.00	37.19 -1.80 0.00	33.77 -1.48 0.00	25.83 -1.19 0.00	21.75 -0.80 0.00	20.49 -0.49 0.00	20.12 -0.33 0.00
NIAGARA_115W_LBMP 323714	21.76 -1.02 0.00	19.83 -1.06 0.00	17.68 -0.95 0.00	15.16 -0.76 0.00	16.41 -0.87 0.00	23.55 -0.93 0.00	31.65 -1.64 0.00	40.75 -2.60 0.00	31.21 -1.99 0.00	31.99 -1.67 0.00	26.61 -1.27 0.00	25.24 -1.22 0.00	23.30 -1.19 0.00	24.94 -1.32 0.00	22.10 -1.15 0.00	23.04 -1.27 0.00	27.71 -1.74 0.00	28.85 -1.61 0.00	36.91 -2.08 0.00	33.50 -1.75 0.00	25.63 -1.39 0.00	21.67 -0.89 0.00	20.46 -0.51 0.00	20.18 -0.27 0.00
NIAGARA_230_LBMP 323716	21.85 -0.92 0.00	19.89 -1.00 0.00	17.73 -0.91 0.00	15.20 -0.72 0.00	16.45 -0.82 0.00	23.61 -0.87 0.00	31.76 -1.53 0.00	41.27 -2.08 0.00	31.65 -1.54 0.00	32.45 -1.21 0.00	26.97 -0.91 0.00	25.56 -0.89 0.00	23.60 -0.89 0.00	25.27 -1.00 0.00	22.39 -0.86 0.00	23.36 -0.95 0.00	28.11 -1.34 0.00	29.26 -1.19 0.00	37.49 -1.50 0.00	34.03 -1.22 0.00	26.02 -1.00 0.00	21.88 -0.67 0.00	20.61 -0.37 0.00	20.24 -0.21 0.00
NIAGARA__115KV_198_GIBSON 55903	21.76 -1.02 0.00	19.83 -1.06 0.00	17.68 -0.96 0.00	15.17 -0.76 0.00	16.41 -0.87 0.00	23.54 -0.93 0.00	31.64 -1.65 0.00	40.74 -2.61 0.00	31.22 -1.98 0.00	32.02 -1.64 0.00	26.61 -1.28 0.00	25.24 -1.22 0.00	23.30 -1.19 0.00	24.95 -1.31 0.00	22.10 -1.15 0.00	23.01 -1.30 0.00	27.71 -1.74 0.00	28.86 -1.60 0.00	36.91 -2.08 0.00	33.51 -1.74 0.00	25.64 -1.39 0.00	21.72 -0.83 0.00	20.47 -0.51 0.00	20.18 -0.27 0.00
NIAGARA____ 23760	21.85 -0.92 0.00	19.89 -1.00 0.00	17.73 -0.91 0.00	15.20 -0.72 0.00	16.45 -0.82 0.00	23.61 -0.87 0.00	31.76 -1.53 0.00	41.27 -2.08 0.00	31.65 -1.54 0.00	32.45 -1.21 0.00	26.97 -0.91 0.00	25.56 -0.89 0.00	23.60 -0.89 0.00	25.27 -1.00 0.00	22.39 -0.86 0.00	23.36 -0.95 0.00	28.11 -1.34 0.00	29.26 -1.19 0.00	37.49 -1.50 0.00	34.03 -1.22 0.00	26.02 -1.00 0.00	21.88 -0.67 0.00	20.61 -0.37 0.00	20.24 -0.21 0.00
NINE_MILE_1 23575	22.18 -0.59 0.00	20.32 -0.58 0.00	18.11 -0.52 0.00	15.46 -0.46 0.00	16.75 -0.53 0.00	23.77 -0.71 0.00	32.37 -0.92 0.00	42.09 -1.26 0.00	32.20 -1.00 0.00	32.62 -1.04 0.00	27.02 -0.86 0.00	25.64 -0.82 0.00	23.72 -0.77 0.00	25.40 -0.87 0.00	22.44 -0.81 0.00	23.46 -0.85 0.00	28.41 -1.04 0.00	29.44 -1.02 0.00	37.71 -1.29 0.00	34.11 -1.14 0.00	26.13 -0.89 0.00	21.80 -0.75 0.00	20.32 -0.66 0.00	19.99 -0.46 0.00
NINE_MILE_2 23744	22.18 -0.59 0.00	20.32 -0.58 0.00	18.11 -0.52 0.00	15.46 -0.46 0.00	16.75 -0.53 0.00	23.77 -0.70 0.00	32.37 -0.92 0.00	42.09 -1.26 0.00	32.20 -1.00 0.00	32.63 -1.03 0.00	27.03 -0.86 0.00	25.64 -0.82 0.00	23.72 -0.77 0.00	25.40 -0.86 0.00	22.44 -0.81 0.00	23.46 -0.85 0.00	28.41 -1.04 0.00	29.44 -1.02 0.00	37.71 -1.29 0.00	34.11 -1.14 0.00	26.13 -0.89 0.00	21.80 -0.75 0.00	20.32 -0.66 0.00	19.99 -0.46 0.00
NM_CAPITAL____DRP 24208	23.15 0.37 0.00	21.28 0.39 0.00	18.95 0.32 0.00	16.22 0.30 0.00	17.66 0.38 0.00	24.94 0.46 0.00	33.97 0.68 0.00	44.37 1.02 0.00	34.06 0.87 0.00	34.49 0.83 0.00	28.47 0.59 0.00	26.90 0.44 0.00	24.90 0.40 0.00	26.76 0.50 0.00	23.75 0.50 0.00	24.88 0.56 0.00	30.16 0.70 0.00	31.27 0.82 0.00	40.21 1.22 0.00	36.29 1.04 0.00	27.76 0.74 0.00	23.18 0.63 0.00	21.40 0.43 0.00	20.69 0.23 0.00
NM_CENTRAL____DRP 24181	22.56 -0.21 0.00	20.66 -0.23 0.00	18.40 -0.23 0.00	15.71 -0.22 0.00	17.03 -0.24 0.00	24.20 -0.27 0.00	33.02 -0.27 0.00	43.21 -0.14 0.00	33.04 -0.15 0.00	33.50 -0.16 0.00	27.75 -0.13 0.00	26.30 -0.15 0.00	24.32 -0.17 0.00	26.04 -0.23 0.00	23.02 -0.23 0.00	24.13 -0.18 0.00	29.25 -0.20 0.00	30.32 -0.13 0.00	38.87 -0.13 0.00	35.17 -0.08 0.00	26.92 -0.10 0.00	22.45 -0.11 0.00	20.89 -0.09 0.00	20.50 0.05 0.00
NM_FRONTIER____DRP 24179	21.76 -1.02 0.00	19.83 -1.06 0.00	17.68 -0.96 0.00	15.17 -0.76 0.00	16.41 -0.87 0.00	23.54 -0.93 0.00	31.64 -1.65 0.00	40.74 -2.61 0.00	31.22 -1.98 0.00	32.02 -1.64 0.00	26.61 -1.28 0.00	25.24 -1.22 0.00	23.30 -1.19 0.00	24.95 -1.31 0.00	22.10 -1.15 0.00	23.01 -1.30 0.00	27.71 -1.74 0.00	28.86 -1.60 0.00	36.91 -2.08 0.00	33.51 -1.74 0.00	25.64 -1.39 0.00	21.72 -0.83 0.00	20.47 -0.51 0.00	20.18 -0.27 0.00
NM_ST_REGIS____HYD 24053	22.76 -0.01 0.00	20.88 -0.01 0.00	18.70 0.07 0.00	15.98 0.06 0.00	17.32 0.04 0.00	24.57 0.09 0.00	33.42 0.13 0.00	43.64 0.29 0.00	33.43 0.23 0.00	34.06 0.40 0.00	28.03 0.15 0.00	26.62 0.16 0.00	24.55 0.06 0.00	26.39 0.12 0.00	23.37 0.12 0.00	24.34 0.03 0.00	29.58 0.13 0.00	30.63 0.17 0.00	39.18 0.18 0.00	35.29 0.04 0.00	27.02 0.00 0.00	22.43 -0.13 0.00	20.85 -0.12 0.00	20.27 -0.18 0.00
NORTHPORT____1 23551	24.22 1.45 0.00	22.19 1.30 0.00	19.73 1.10 0.00	16.91 0.98 0.00	18.40 1.12 0.00	26.00 1.52 0.00	35.19 1.91 0.00	45.67 2.32 0.00	35.33 2.13 0.00	35.65 1.99 0.00	29.72 1.84 0.00	28.28 1.82 0.00	26.35 1.86 0.00	28.19 1.93 0.00	25.12 1.87 0.00	26.50 2.19 0.00	32.08 2.63 0.00	32.92 2.47 0.00	41.79 2.79 0.00	38.03 2.78 0.00	29.09 2.07 0.00	24.45 1.89 0.00	18.96 1.50 3.52	21.60 1.15 0.00
NORTHPORT____2 23552	24.22 1.45 0.00	22.19 1.30 0.00	19.73 1.10 0.00	16.91 0.98 0.00	18.40 1.12 0.00	26.00 1.52 0.00	35.19 1.91 0.00	45.67 2.32 0.00	35.33 2.13 0.00	35.65 1.99 0.00	29.72 1.84 0.00	28.28 1.82 0.00	26.35 1.86 0.00	28.19 1.93 0.00	25.12 1.87 0.00	26.50 2.19 0.00	32.08 2.63 0.00	32.92 2.47 0.00	41.79 2.79 0.00	38.03 2.78 0.00	29.09 2.07 0.00	24.45 1.89 0.00	18.96 1.50 3.52	21.60 1.15 0.00
NORTHPORT____3 23553	24.09 1.32 0.00	22.10 1.21 0.00	19.64 1.01 0.00	16.82 0.90 0.00	18.29 1.01 0.00	25.83 1.35 0.00	34.92 1.64 0.00	45.36 2.02 0.00	35.04 1.84 0.00	35.38 1.72 0.00	29.62 1.74 0.00	28.18 1.73 0.00	26.23 1.74 0.00	28.10 1.84 0.00	25.02 1.77 0.00	26.35 2.04 0.00	31.87 2.42 0.00	32.66 2.21 0.00	41.53 2.54 0.00	37.75 2.49 0.00	28.86 1.84 0.00	24.26 1.70 0.00	18.76 1.37 3.59	21.47 1.02 0.00

NORTHPORT___4 23650	24.09 1.32 0.00	22.10 1.21 0.00	19.64 1.01 0.00	16.82 0.90 0.00	18.29 1.01 0.00	25.83 1.35 0.00	34.92 1.64 0.00	45.36 2.02 0.00	35.04 1.84 0.00	35.38 1.72 0.00	29.62 1.74 0.00	28.18 1.73 0.00	26.23 1.74 0.00	28.10 1.84 0.00	25.02 1.77 0.00	26.35 2.04 0.00	31.87 2.42 0.00	32.66 2.21 0.00	41.53 2.54 0.00	37.75 2.49 0.00	28.86 1.84 0.00	24.26 1.70 0.00	18.76 1.37 3.59	21.47 1.02 0.00
NORTHPORT___IC 23718	24.22 1.45 0.00	22.19 1.30 0.00	19.73 1.10 0.00	16.91 0.98 0.00	18.40 1.12 0.00	26.00 1.52 0.00	35.19 1.91 0.00	45.67 2.32 0.00	35.33 2.13 0.00	35.65 1.99 0.00	29.72 1.84 0.00	28.28 1.82 0.00	26.35 1.86 0.00	28.19 1.93 0.00	25.12 1.87 0.00	26.50 2.19 0.00	32.08 2.63 0.00	32.92 2.47 0.00	41.79 2.79 0.00	38.03 2.78 0.00	29.09 2.07 0.00	24.45 1.89 0.00	18.96 1.50 3.52	21.60 1.15 0.00
NORTH___COUNTRY_ESR 323785	22.98 0.20 0.00	21.07 0.18 0.00	18.90 0.26 0.00	16.15 0.22 0.00	17.57 0.29 0.00	24.90 0.43 0.00	33.73 0.44 0.00	44.25 0.90 0.00	34.04 0.84 0.00	34.78 1.13 0.00	28.62 0.73 0.00	27.16 0.70 0.00	24.95 0.46 0.00	27.00 0.73 0.00	23.92 0.67 0.00	24.82 0.50 0.00	30.22 0.77 0.00	31.28 0.82 0.00	39.88 0.89 0.00	35.73 0.48 0.00	27.24 0.22 0.00	22.53 -0.03 0.00	20.79 -0.19 0.00	20.16 -0.29 0.00
NPX_GEN_1385_PROXY 323591	24.17 1.40 0.00	22.14 1.25 0.00	19.69 1.06 0.00	16.87 0.95 0.00	18.40 1.12 0.00	25.94 1.47 0.00	35.12 1.83 0.00	45.58 2.23 0.00	34.86 1.67 0.00	34.93 1.27 0.00	28.69 0.80 0.00	27.15 0.69 0.00	25.54 1.05 0.00	27.23 0.96 0.00	24.18 0.93 0.00	25.93 1.62 0.00	31.40 1.95 0.00	32.21 1.76 0.00	40.63 1.64 0.00	37.29 2.03 0.00	28.53 1.51 0.00	24.21 1.66 0.00	18.75 1.29 3.52	21.41 0.95 0.00
NPX_GEN_CSC 323557	24.42 1.65 0.00	22.36 1.46 0.00	19.89 1.25 0.00	17.06 1.14 0.00	18.56 1.28 0.00	26.23 1.75 0.00	35.57 2.28 0.00	46.09 2.75 0.00	35.88 2.68 0.00	36.22 2.56 0.00	30.20 2.31 0.00	28.74 2.28 0.00	26.76 2.27 0.00	28.62 2.36 0.00	25.55 2.30 0.00	26.89 2.57 0.00	32.65 3.20 0.00	33.63 3.18 0.00	42.65 3.66 0.00	38.77 3.52 0.00	29.63 2.61 0.00	24.88 2.33 0.00	19.60 1.74 3.12	21.82 1.37 0.00
NSINS_S_GLNS_FALLS 23858	23.72 0.94 0.00	21.80 0.91 0.00	19.42 0.78 0.00	16.61 0.68 0.00	18.13 0.85 0.00	25.74 1.27 0.00	35.03 1.74 0.00	45.83 2.48 0.00	35.28 2.08 0.00	35.84 2.18 0.00	29.59 1.70 0.00	27.88 1.42 0.00	25.66 1.16 0.00	27.65 1.38 0.00	24.51 1.26 0.00	25.62 1.31 0.00	31.09 1.64 0.00	32.40 1.94 0.00	41.81 2.81 0.00	37.75 2.50 0.00	28.86 1.84 0.00	24.02 1.46 0.00	22.12 1.14 0.00	21.33 0.87 0.00
NUCOR_STEEL___DRP 24197	22.83 0.06 0.00	20.88 -0.01 0.00	18.64 0.01 0.00	15.93 0.01 0.00	17.32 0.04 0.00	24.60 0.13 0.00	33.65 0.36 0.00	44.95 1.60 0.00	34.10 0.90 0.00	34.73 1.07 0.00	28.80 0.91 0.00	27.26 0.80 0.00	25.05 0.55 0.00	26.78 0.51 0.00	23.72 0.47 0.00	24.91 0.60 0.00	30.29 0.84 0.00	31.56 1.10 0.00	40.52 1.53 0.00	36.74 1.49 0.00	28.01 0.99 0.00	23.26 0.70 0.00	21.64 0.67 0.00	21.27 0.82 0.00
NUMBER_THREE_WT_PWR 323818	22.47 -0.30 0.00	20.56 -0.33 0.00	18.52 -0.11 0.00	15.86 -0.07 0.00	17.05 -0.23 0.00	24.19 -0.28 0.00	33.43 0.14 0.00	43.47 0.12 0.00	33.19 0.00 0.00	33.61 -0.05 0.00	27.39 -0.49 0.00	26.10 -0.36 0.00	24.35 -0.14 0.00	26.01 -0.25 0.00	23.04 -0.21 0.00	24.09 -0.22 0.00	29.48 0.03 0.00	30.75 0.29 0.00	39.79 0.79 0.00	35.89 0.64 0.00	27.29 0.27 0.00	22.47 -0.09 0.00	20.89 -0.09 0.00	20.65 0.20 0.00
NYISO_LBMP_REFERENCE 24008	22.77 0.00 0.00	20.89 0.00 0.00	18.63 0.00 0.00	15.93 0.00 0.00	17.28 0.00 0.00	24.48 0.00 0.00	33.28 0.00 0.00	43.35 0.00 0.00	33.20 0.00 0.00	33.66 0.00 0.00	27.89 0.00 0.00	26.46 0.00 0.00	24.49 0.00 0.00	26.26 0.00 0.00	23.25 0.00 0.00	24.31 0.00 0.00	29.45 0.00 0.00	30.45 0.00 0.00	38.99 0.00 0.00	35.25 0.00 0.00	27.02 0.00 0.00	22.55 0.00 0.00	20.97 0.00 0.00	20.45 0.00 0.00
NYPA_BRENTWD___GT 24164	24.38 1.61 0.00	22.32 1.42 0.00	19.85 1.21 0.00	17.00 1.07 0.00	18.49 1.21 0.00	26.18 1.71 0.00	35.54 2.26 0.00	46.15 2.80 0.00	35.76 2.56 0.00	36.11 2.45 0.00	30.10 2.22 0.00	28.64 2.19 0.00	26.65 2.16 0.00	28.51 2.25 0.00	25.43 2.18 0.00	26.80 2.49 0.00	32.49 3.04 0.00	33.40 2.94 0.00	42.23 3.24 0.00	38.51 3.26 0.00	29.52 2.50 0.00	24.76 2.21 0.00	20.10 1.75 2.63	21.82 1.36 0.00
NYPA_GOWANUS___GT5 24156	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.00 0.00	29.68 2.21 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
NYPA_GOWANUS___GT6 24157	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.86 0.93 0.00	18.35 1.07 0.00	25.95 1.47 0.00	35.47 2.19 0.00	46.31 2.96 0.00	35.68 2.48 -0.01	36.15 2.49 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.45 0.00	32.90 2.44 0.00	42.19 3.19 0.00	38.26 3.00 0.00	29.68 2.21 -0.45	24.43 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00
NYPA_HARLEM__RVR_GT1 24160	24.00 1.23 0.00	22.12 1.22 0.00	19.66 1.02 0.00	16.81 0.88 0.00	18.29 1.01 0.00	25.75 1.28 0.01	35.26 1.98 0.00	46.03 2.68 0.00	35.40 2.21 0.00	35.81 2.15 0.00	29.77 1.88 0.00	28.16 1.70 0.00	26.14 1.65 0.00	28.07 1.81 0.00	24.94 1.69 0.00	26.17 1.85 0.00	31.69 2.23 0.00	32.71 2.26 0.00	41.95 2.96 0.00	38.03 2.77 0.00	29.46 2.03 -0.41	24.24 1.68 0.00	22.31 1.34 0.00	21.48 1.03 0.00
NYPA_HARLEM__RVR_GT2 24161	24.00 1.23 0.00	22.12 1.22 0.00	19.66 1.02 0.00	16.81 0.88 0.00	18.29 1.01 0.00	25.75 1.28 0.01	35.26 1.98 0.00	46.03 2.68 0.00	35.40 2.21 0.00	35.81 2.15 0.00	29.77 1.88 0.00	28.16 1.70 0.00	26.14 1.65 0.00	28.07 1.81 0.00	24.94 1.69 0.00	26.17 1.85 0.00	31.69 2.23 0.00	32.71 2.26 0.00	41.95 2.96 0.00	38.03 2.77 0.00	29.46 2.03 -0.41	24.24 1.68 0.00	22.31 1.34 0.00	21.48 1.03 0.00
NYPA_KENT___GT 24152	24.13 1.36 0.00	22.19 1.30 0.00	19.70 1.06 0.00	16.85 0.93 0.00	18.34 1.06 0.00	25.93 1.45 0.00	35.43 2.15 0.00	46.27 2.92 0.00	35.66 2.45 -0.01	36.12 2.45 0.00	29.95 2.07 0.00	28.36 1.90 0.00	26.32 1.82 0.00	28.24 1.98 0.00	25.08 1.83 0.00	26.32 2.00 0.00	31.88 2.43 0.00	32.86 2.41 0.00	42.12 3.13 0.00	38.19 2.94 0.00	29.64 2.17 -0.45	24.39 1.84 0.00	22.44 1.47 0.00	21.62 1.16 0.00

NYPA_POUCH1____GT 24155	24.16 1.39 0.00	22.21 1.32 0.00	19.73 1.10 0.01	16.87 0.94 0.00	18.36 1.09 0.00	25.89 1.50 0.08	35.41 2.22 0.10	46.34 3.01 0.02	35.57 2.52 0.15	35.96 2.52 0.22	29.94 2.12 0.07	28.38 1.95 0.03	26.35 1.86 0.00	28.27 2.02 0.01	25.13 1.88 0.00	26.37 2.05 0.00	31.90 2.49 0.04	32.78 2.44 0.11	41.88 3.19 0.30	38.04 3.01 0.22	29.54 2.22 -0.30	24.38 1.90 0.08	22.47 1.52 0.02	21.66 1.21 0.00
NYPA_VERNON____GT2 24162	24.13 1.36 0.00	22.18 1.29 0.00	19.68 1.05 0.00	16.84 0.92 0.00	18.33 1.05 0.00	25.91 1.43 0.00	35.40 2.11 0.00	46.24 2.89 0.00	35.62 2.42 -0.01	36.08 2.42 0.00	29.94 2.05 0.00	28.34 1.88 0.00	26.29 1.80 0.00	28.22 1.96 0.00	25.07 1.81 0.00	26.30 1.99 0.00	31.86 2.41 0.00	32.86 2.41 0.00	42.11 3.11 0.00	38.16 2.91 0.00	29.61 2.14 -0.45	24.36 1.80 0.00	22.42 1.44 0.00	21.60 1.15 0.00
NYPA_VERNON____GT3 24163	24.13 1.36 0.00	22.18 1.29 0.00	19.68 1.05 0.00	16.84 0.92 0.00	18.33 1.05 0.00	25.91 1.43 0.00	35.40 2.11 0.00	46.24 2.89 0.00	35.62 2.42 -0.01	36.08 2.42 0.00	29.94 2.05 0.00	28.34 1.88 0.00	26.29 1.80 0.00	28.22 1.96 0.00	25.07 1.81 0.00	26.30 1.99 0.00	31.86 2.41 0.00	32.86 2.41 0.00	42.11 3.11 0.00	38.16 2.91 0.00	29.61 2.14 -0.45	24.36 1.80 0.00	22.42 1.44 0.00	21.60 1.15 0.00
NYPA____ASTORIA_CC1 323568	24.10 1.33 0.00	22.16 1.26 0.00	19.66 1.02 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.87 1.39 0.00	35.35 2.07 0.00	46.17 2.82 0.00	35.58 2.37 -0.01	36.01 2.35 0.00	29.88 1.99 0.00	28.29 1.83 0.00	26.25 1.76 0.00	28.18 1.91 0.00	25.03 1.78 0.00	26.26 1.94 0.00	31.80 2.36 0.00	32.81 2.36 0.00	42.04 3.04 0.00	38.10 2.85 0.00	29.57 2.10 -0.45	24.31 1.76 0.00	22.38 1.41 0.00	21.57 1.11 0.00
NYPA____ASTORIA_CC2 323569	24.10 1.33 0.00	22.16 1.26 0.00	19.66 1.02 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.87 1.39 0.00	35.35 2.07 0.00	46.17 2.82 0.00	35.58 2.37 -0.01	36.01 2.35 0.00	29.88 1.99 0.00	28.29 1.83 0.00	26.25 1.76 0.00	28.18 1.91 0.00	25.03 1.78 0.00	26.26 1.94 0.00	31.80 2.36 0.00	32.81 2.36 0.00	42.04 3.04 0.00	38.10 2.85 0.00	29.57 2.10 -0.45	24.31 1.76 0.00	22.38 1.41 0.00	21.57 1.11 0.00
NYPA____HOLTSVILL 23794	24.29 1.52 0.00	22.25 1.35 0.00	19.79 1.15 0.00	16.97 1.04 0.00	18.46 1.18 0.00	26.08 1.61 0.00	35.33 2.05 0.00	45.81 2.45 0.00	35.53 2.34 0.00	35.90 2.24 0.00	29.94 2.06 0.00	28.48 2.03 0.00	26.53 2.04 0.00	28.38 2.12 0.00	25.32 2.07 0.00	26.66 2.34 0.00	32.34 2.89 0.00	33.24 2.79 0.00	42.20 3.20 0.00	38.35 3.10 0.00	29.31 2.28 0.00	24.60 2.05 0.00	19.42 1.60 3.15	21.68 1.23 0.00
NYPA____HELLGATE_GT1 24158	24.02 1.25 0.00	22.12 1.22 0.00	19.66 1.02 0.00	16.81 0.88 0.00	18.29 1.01 0.00	25.76 1.28 0.00	35.22 1.94 0.01	46.01 2.66 0.00	35.43 2.24 0.00	35.85 2.19 0.00	29.78 1.89 0.00	28.18 1.72 0.00	26.16 1.66 0.00	28.07 1.81 0.00	24.94 1.69 0.00	26.17 1.85 0.00	31.67 2.22 0.00	32.65 2.21 0.02	41.86 2.89 0.02	37.94 2.71 0.02	28.59 1.99 0.42	24.23 1.67 0.00	22.31 1.34 0.00	21.48 1.03 0.00
NYPA____HELLGATE_GT2 24159	24.02 1.25 0.00	22.12 1.22 0.00	19.66 1.02 0.00	16.81 0.88 0.00	18.29 1.01 0.00	25.76 1.28 0.00	35.22 1.94 0.01	46.01 2.66 0.00	35.43 2.24 0.00	35.85 2.19 0.00	29.78 1.89 0.00	28.18 1.72 0.00	26.16 1.66 0.00	28.07 1.81 0.00	24.94 1.69 0.00	26.17 1.85 0.00	31.67 2.22 0.00	32.65 2.21 0.02	41.86 2.89 0.02	37.94 2.71 0.02	28.59 1.99 0.42	24.23 1.67 0.00	22.31 1.34 0.00	21.48 1.03 0.00
NYS_BARGE____HYD 23848	22.07 -0.71 0.00	20.08 -0.82 0.00	17.88 -0.75 0.00	15.35 -0.58 0.00	16.62 -0.66 0.00	23.89 -0.59 0.00	32.14 -1.15 0.00	41.79 -1.56 0.00	32.05 -1.15 0.00	32.82 -0.84 0.00	27.27 -0.61 0.00	25.84 -0.62 0.00	23.85 -0.64 0.00	25.53 -0.73 0.00	22.64 -0.62 0.00	23.62 -0.69 0.00	28.43 -1.02 0.00	29.62 -0.84 0.00	37.94 -1.06 0.00	34.44 -0.81 0.00	26.33 -0.70 0.00	22.15 -0.41 0.00	20.84 -0.14 0.00	20.45 -0.01 0.00
OAK ORCHARD____HYD 24046	22.48 -0.29 0.00	20.52 -0.37 0.00	18.28 -0.36 0.00	15.63 -0.29 0.00	16.94 -0.33 0.00	24.21 -0.27 0.00	32.92 -0.37 0.00	43.01 -0.34 0.00	32.96 -0.24 0.00	33.43 -0.23 0.00	27.73 -0.16 0.00	26.29 -0.17 0.00	24.30 -0.20 0.00	26.02 -0.24 0.00	23.05 -0.20 0.00	24.10 -0.22 0.00	29.09 -0.36 0.00	30.23 -0.22 0.00	38.78 -0.22 0.00	35.17 -0.09 0.00	26.87 -0.15 0.00	22.46 -0.09 0.00	20.97 -0.01 0.00	20.55 0.09 0.00
OAKDALE__35_KV_LOAD 356122	22.71 -0.06 0.00	20.75 -0.15 0.00	18.43 -0.21 0.00	15.74 -0.18 0.00	17.10 -0.18 0.00	24.34 -0.13 0.00	33.19 -0.09 0.00	43.53 0.18 0.00	33.26 0.06 0.00	33.81 0.15 0.00	28.03 0.15 0.00	26.54 0.08 0.00	24.55 0.05 0.00	26.29 0.03 0.00	23.26 0.01 0.00	24.65 0.34 0.00	29.90 0.45 0.00	30.97 0.51 0.00	39.71 0.72 0.00	35.93 0.68 0.00	27.50 0.48 0.00	22.93 0.37 0.00	21.30 0.33 0.00	20.77 0.32 0.00
OCC_CHEM____DRP 24175	21.79 -0.98 0.00	19.86 -1.03 0.00	17.71 -0.93 0.00	15.18 -0.74 0.00	16.43 -0.85 0.00	23.58 -0.90 0.00	31.69 -1.60 0.00	40.85 -2.50 0.00	31.30 -1.90 0.00	32.11 -1.56 0.00	26.69 -1.20 0.00	25.30 -1.16 0.00	23.36 -1.13 0.00	25.01 -1.26 0.00	22.16 -1.09 0.00	23.07 -1.24 0.00	27.78 -1.67 0.00	28.93 -1.52 0.00	37.01 -1.98 0.00	33.60 -1.65 0.00	25.71 -1.32 0.00	21.77 -0.78 0.00	20.51 -0.47 0.00	20.22 -0.24 0.00
OH_GEN_PROXY 24063	21.89 -0.89 0.00	19.92 -0.97 0.00	17.76 -0.88 0.00	15.23 -0.70 0.00	16.48 -0.80 0.00	23.64 -0.84 0.00	31.83 -1.46 0.00	41.42 -1.93 0.00	31.76 -1.44 0.00	32.55 -1.11 0.00	27.05 -0.84 0.00	25.64 -0.82 0.00	23.67 -0.82 0.00	25.34 -0.92 0.00	22.45 -0.80 0.00	23.43 -0.88 0.00	28.20 -1.24 0.00	29.36 -1.10 0.00	37.63 -1.36 0.00	34.15 -1.10 0.00	26.10 -0.92 0.00	21.93 -0.62 0.00	20.64 -0.34 0.00	20.26 -0.20 0.00
OLIN_CORP_DRP 24177	21.74 -1.03 0.00	19.78 -1.12 0.00	17.62 -1.01 0.00	15.14 -0.78 0.00	16.39 -0.88 0.00	23.53 -0.94 0.00	31.60 -1.68 0.00	41.03 -2.32 0.00	31.51 -1.68 0.00	32.31 -1.35 0.00	26.85 -1.03 0.00	25.45 -1.01 0.00	23.50 -0.99 0.00	25.16 -1.11 0.00	22.29 -0.96 0.00	23.22 -1.10 0.00	27.97 -1.48 0.00	29.13 -1.32 0.00	37.28 -1.71 0.00	33.85 -1.40 0.00	25.89 -1.13 0.00	21.85 -0.70 0.00	20.53 -0.44 0.00	20.16 -0.29 0.00
OLIN_CORP_DSASP 323712	21.79 -0.98 0.00	19.87 -1.03 0.00	17.71 -0.93 0.00	15.18 -0.74 0.00	16.43 -0.85 0.00	23.58 -0.89 0.00	31.70 -1.59 0.00	40.86 -2.49 0.00	31.29 -1.91 0.00	32.07 -1.59 0.00	26.68 -1.20 0.00	25.30 -1.16 0.00	23.36 -1.13 0.00	25.01 -1.26 0.00	22.15 -1.10 0.00	23.10 -1.21 0.00	27.78 -1.67 0.00	28.93 -1.53 0.00	37.02 -1.98 0.00	33.60 -1.65 0.00	25.70 -1.32 0.00	21.72 -0.84 0.00	20.50 -0.47 0.00	20.22 -0.24 0.00

ONEIDA_HERK_LFGE 323681	22.94 0.16 0.00	21.02 0.12 0.00	18.81 0.18 0.00	16.09 0.16 0.00	17.39 0.11 0.00	24.70 0.23 0.00	33.91 0.62 0.00	44.20 0.85 0.00	33.69 0.50 0.00	34.13 0.47 0.00	28.08 0.19 0.00	26.65 0.19 0.00	24.73 0.24 0.00	26.46 0.19 0.00	23.41 0.16 0.00	24.50 0.19 0.00	29.86 0.41 0.00	31.05 0.59 0.00	39.98 0.99 0.00	36.10 0.85 0.00	27.54 0.52 0.00	22.84 0.29 0.00	21.28 0.30 0.00	20.85 0.40 0.00
ONEIDA___115KV_TB4 55905	23.19 0.42 0.00	21.24 0.35 0.00	18.96 0.32 0.00	16.20 0.27 0.00	17.56 0.28 0.00	24.97 0.49 0.00	34.17 0.89 0.00	44.63 1.28 0.00	34.05 0.85 0.00	34.50 0.84 0.00	28.48 0.60 0.00	27.03 0.57 0.00	24.97 0.48 0.00	26.70 0.44 0.00	23.63 0.38 0.00	24.80 0.49 0.00	30.18 0.73 0.00	31.35 0.90 0.00	40.27 1.28 0.00	36.38 1.13 0.00	27.79 0.77 0.00	23.14 0.59 0.00	21.54 0.56 0.00	21.04 0.59 0.00
ONONDAGA_REF_OCCRA 23987	22.70 -0.08 0.00	20.77 -0.12 0.00	18.49 -0.14 0.00	15.78 -0.14 0.00	17.12 -0.16 0.00	24.34 -0.14 0.00	33.21 -0.07 0.00	43.57 0.22 0.00	33.30 0.10 0.00	33.76 0.10 0.00	27.97 0.08 0.00	26.51 0.05 0.00	24.51 0.01 0.00	26.23 -0.03 0.00	23.20 -0.05 0.00	24.35 0.04 0.00	29.53 0.08 0.00	30.62 0.17 0.00	39.28 0.28 0.00	35.54 0.28 0.00	27.19 0.16 0.00	22.67 0.11 0.00	21.08 0.11 0.00	20.67 0.22 0.00
ONONDAGA___COGEN 23986	22.70 -0.07 0.00	20.79 -0.10 0.00	18.52 -0.11 0.00	15.79 -0.14 0.00	17.14 -0.14 0.00	24.35 -0.12 0.00	33.22 -0.06 0.00	43.92 0.57 0.00	33.50 0.30 0.00	33.99 0.33 0.00	28.18 0.29 0.00	26.67 0.21 0.00	24.63 0.13 0.00	26.36 0.09 0.00	23.31 0.06 0.00	24.45 0.13 0.00	29.67 0.22 0.00	30.80 0.35 0.00	39.52 0.52 0.00	35.78 0.52 0.00	27.35 0.33 0.00	22.78 0.23 0.00	21.21 0.23 0.00	20.83 0.38 0.00
ONTARIO___LFGE 23819	22.79 0.02 0.00	20.82 -0.07 0.00	18.49 -0.14 0.00	15.79 -0.14 0.00	17.15 -0.12 0.00	24.49 0.01 0.00	33.36 0.07 0.00	44.02 0.67 0.00	33.60 0.40 0.00	34.11 0.45 0.00	28.33 0.44 0.00	26.79 0.33 0.00	24.76 0.26 0.00	26.49 0.23 0.00	23.47 0.22 0.00	24.68 0.37 0.00	29.93 0.48 0.00	31.10 0.64 0.00	39.88 0.88 0.00	36.13 0.87 0.00	27.63 0.61 0.00	23.04 0.49 0.00	21.46 0.48 0.00	20.98 0.53 0.00
ORANGEVILLE_WT_PWR 323706	22.34 -0.44 0.00	20.35 -0.54 0.00	18.03 -0.60 0.00	15.37 -0.55 0.00	16.72 -0.56 0.00	24.02 -0.46 0.00	32.52 -0.76 0.00	42.47 -0.88 0.00	32.56 -0.64 0.00	33.39 -0.27 0.00	27.78 -0.11 0.00	26.23 -0.23 0.00	24.19 -0.30 0.00	25.86 -0.40 0.00	22.88 -0.37 0.00	23.95 -0.36 0.00	29.02 -0.42 0.00	30.22 -0.23 0.00	38.77 -0.22 0.00	35.23 -0.02 0.00	26.93 -0.10 0.00	22.58 0.03 0.00	21.14 0.16 0.00	20.70 0.24 0.00
ORANGEVILLE___ESR 323794	22.34 -0.44 0.00	20.35 -0.54 0.00	18.03 -0.60 0.00	15.37 -0.55 0.00	16.72 -0.56 0.00	24.02 -0.46 0.00	32.52 -0.76 0.00	42.47 -0.88 0.00	32.56 -0.64 0.00	33.39 -0.27 0.00	27.78 -0.11 0.00	26.23 -0.23 0.00	24.19 -0.30 0.00	25.86 -0.40 0.00	22.88 -0.37 0.00	23.95 -0.36 0.00	29.02 -0.42 0.00	30.22 -0.23 0.00	38.77 -0.22 0.00	35.23 -0.02 0.00	26.93 -0.10 0.00	22.58 0.03 0.00	21.14 0.16 0.00	20.70 0.24 0.00
OSWEGATCHIE___HYD 24044	22.45 -0.33 0.00	20.56 -0.33 0.00	18.46 -0.17 0.00	15.79 -0.14 0.00	17.04 -0.24 0.00	24.18 -0.30 0.00	33.17 -0.11 0.00	43.20 -0.15 0.00	33.07 -0.12 0.00	33.58 -0.08 0.00	27.52 -0.37 0.00	26.17 -0.29 0.00	24.27 -0.23 0.00	25.99 -0.27 0.00	23.01 -0.25 0.00	24.02 -0.30 0.00	29.28 -0.17 0.00	30.43 -0.03 0.00	39.19 0.20 0.00	35.37 0.12 0.00	27.01 -0.01 0.00	22.33 -0.22 0.00	20.74 -0.23 0.00	20.35 -0.10 0.00
OSWEGO___5 23606	22.32 -0.45 0.00	20.44 -0.45 0.00	18.22 -0.42 0.00	15.56 -0.37 0.00	16.86 -0.42 0.00	23.93 -0.54 0.00	32.58 -0.70 0.00	42.31 -1.04 0.00	32.37 -0.83 0.00	32.80 -0.86 0.00	27.17 -0.72 0.00	25.77 -0.69 0.00	23.84 -0.65 0.00	25.54 -0.73 0.00	22.56 -0.69 0.00	23.60 -0.72 0.00	28.59 -0.86 0.00	29.61 -0.85 0.00	37.94 -1.05 0.00	34.31 -0.94 0.00	26.28 -0.74 0.00	21.93 -0.62 0.00	20.43 -0.54 0.00	20.08 -0.37 0.00
OSWEGO___6 23613	22.32 -0.45 0.00	20.44 -0.45 0.00	18.22 -0.42 0.00	15.56 -0.37 0.00	16.86 -0.42 0.00	23.93 -0.54 0.00	32.58 -0.70 0.00	42.31 -1.04 0.00	32.37 -0.83 0.00	32.80 -0.86 0.00	27.17 -0.72 0.00	25.77 -0.69 0.00	23.84 -0.65 0.00	25.54 -0.73 0.00	22.56 -0.69 0.00	23.60 -0.72 0.00	28.59 -0.86 0.00	29.61 -0.85 0.00	37.94 -1.05 0.00	34.31 -0.94 0.00	26.28 -0.74 0.00	21.93 -0.62 0.00	20.43 -0.54 0.00	20.08 -0.37 0.00
OUTOKUMPU-AB___DRP 24206	22.30 -0.48 0.00	20.30 -0.60 0.00	18.08 -0.56 0.00	15.50 -0.43 0.00	16.79 -0.48 0.00	24.11 -0.36 0.00	32.49 -0.80 0.00	42.16 -1.19 0.00	32.30 -0.90 0.00	33.12 -0.54 0.00	27.51 -0.37 0.00	26.05 -0.40 0.00	24.05 -0.44 0.00	25.75 -0.52 0.00	22.82 -0.44 0.00	23.77 -0.55 0.00	28.67 -0.78 0.00	29.87 -0.58 0.00	38.23 -0.77 0.00	34.71 -0.54 0.00	26.54 -0.48 0.00	22.39 -0.16 0.00	21.03 0.06 0.00	20.65 0.20 0.00
OXBOW___ 24026	22.08 -0.69 0.00	20.11 -0.78 0.00	17.91 -0.73 0.00	15.36 -0.57 0.00	16.64 -0.64 0.00	23.89 -0.59 0.00	32.14 -1.15 0.00	41.56 -1.79 0.00	31.85 -1.35 0.00	32.64 -1.02 0.00	27.14 -0.74 0.00	25.72 -0.74 0.00	23.75 -0.74 0.00	25.41 -0.85 0.00	22.53 -0.73 0.00	23.48 -0.83 0.00	28.28 -1.17 0.00	29.44 -1.01 0.00	37.67 -1.33 0.00	34.21 -1.05 0.00	26.17 -0.85 0.00	22.07 -0.48 0.00	20.80 -0.17 0.00	20.47 0.02 0.00
OXY_CHEM_DSASP 323612	21.79 -0.98 0.00	19.86 -1.03 0.00	17.71 -0.93 0.00	15.18 -0.74 0.00	16.43 -0.85 0.00	23.58 -0.90 0.00	31.69 -1.60 0.00	40.85 -2.50 0.00	31.30 -1.90 0.00	32.11 -1.56 0.00	26.69 -1.20 0.00	25.30 -1.16 0.00	23.36 -1.13 0.00	25.01 -1.26 0.00	22.16 -1.09 0.00	23.07 -1.24 0.00	27.78 -1.67 0.00	28.93 -1.52 0.00	37.01 -1.98 0.00	33.60 -1.65 0.00	25.71 -1.32 0.00	21.77 -0.78 0.00	20.51 -0.47 0.00	20.22 -0.24 0.00
OZONE_PARK_ESR 323760	24.25 1.47 0.00	22.29 1.39 0.00	19.77 1.14 0.00	16.93 1.00 0.00	18.42 1.14 0.00	26.08 1.60 0.00	35.64 2.36 0.00	46.52 3.17 0.00	35.78 2.58 0.00	36.23 2.57 0.00	30.07 2.19 0.00	28.48 2.03 0.00	26.44 1.95 0.00	28.40 2.13 0.00	25.22 1.97 0.00	26.45 2.14 0.00	32.04 2.59 0.00	33.05 2.60 0.00	42.32 3.33 0.00	38.37 3.12 0.00	29.32 2.30 0.00	24.49 1.93 0.00	22.56 1.58 0.00	21.72 1.27 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.79 -0.98 0.00	19.86 -1.03 0.00	17.71 -0.93 0.00	15.18 -0.74 0.00	16.43 -0.85 0.00	23.58 -0.90 0.00	31.69 -1.60 0.00	40.85 -2.50 0.00	31.30 -1.90 0.00	32.11 -1.56 0.00	26.69 -1.20 0.00	25.30 -1.16 0.00	23.36 -1.13 0.00	25.01 -1.26 0.00	22.16 -1.09 0.00	23.07 -1.24 0.00	27.78 -1.67 0.00	28.93 -1.52 0.00	37.01 -1.98 0.00	33.60 -1.65 0.00	25.71 -1.32 0.00	21.77 -0.78 0.00	20.51 -0.47 0.00	20.22 -0.24 0.00

PACKARD__115KV_DUPONT_184 80571	21.79 -0.98 0.00	19.86 -1.03 0.00	17.71 -0.93 0.00	15.18 -0.74 0.00	16.43 -0.85 0.00	23.58 -0.90 0.00	31.69 -1.60 0.00	40.85 -2.50 0.00	31.30 -1.90 0.00	32.11 -1.56 0.00	26.69 -1.20 0.00	25.30 -1.16 0.00	23.36 -1.13 0.00	25.01 -1.26 0.00	22.16 -1.09 0.00	23.07 -1.24 0.00	27.78 -1.67 0.00	28.93 -1.52 0.00	37.01 -1.98 0.00	33.60 -1.65 0.00	25.71 -1.32 0.00	21.77 -0.78 0.00	20.51 -0.47 0.00	20.22 -0.24 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	24.07 1.30 0.00	22.14 1.25 0.00	19.67 1.04 0.00	16.83 0.90 0.00	18.31 1.03 0.00	25.83 1.36 0.00	35.32 2.04 0.00	46.16 2.82 0.00	35.53 2.33 0.00	35.90 2.24 0.00	29.81 1.92 0.00	28.20 1.75 0.00	26.17 1.67 0.00	28.08 1.82 0.00	24.95 1.70 0.00	26.18 1.87 0.00	31.72 2.27 0.00	32.75 2.29 0.00	42.00 3.00 0.00	38.06 2.81 0.00	29.53 2.07 -0.45	24.26 1.71 0.00	22.35 1.37 0.00	21.53 1.08 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	24.08 1.30 0.00	22.14 1.25 0.00	19.67 1.04 0.00	16.83 0.90 0.00	18.34 1.06 0.00	25.84 1.36 0.00	35.33 2.04 0.00	46.19 2.84 0.00	35.47 2.28 0.00	35.84 2.18 0.00	29.75 1.87 0.00	28.14 1.68 0.00	26.11 1.62 0.00	28.01 1.74 0.00	24.91 1.65 0.00	26.13 1.82 0.00	31.66 2.21 0.00	32.69 2.23 0.00	41.92 2.92 0.00	37.99 2.74 0.00	29.49 2.02 -0.45	24.23 1.67 0.00	22.35 1.38 0.00	21.54 1.08 0.00
PATROON__115KV_TB1 80586	23.16 0.39 0.00	21.29 0.40 0.00	18.97 0.33 0.00	16.23 0.30 0.00	17.66 0.39 0.00	24.96 0.48 0.00	34.01 0.73 0.00	44.43 1.08 0.00	34.10 0.90 0.00	34.54 0.88 0.00	28.52 0.63 0.00	26.94 0.48 0.00	24.93 0.43 0.00	26.80 0.54 0.00	23.79 0.54 0.00	24.91 0.60 0.00	30.21 0.76 0.00	31.33 0.88 0.00	40.28 1.28 0.00	36.36 1.11 0.00	27.80 0.78 0.00	23.21 0.65 0.00	21.43 0.45 0.00	20.71 0.26 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.68 -0.09 0.00	20.62 -0.27 0.00	18.35 -0.28 0.00	15.73 -0.20 0.00	17.06 -0.22 0.00	24.48 0.00 0.00	33.09 -0.20 0.00	43.23 -0.12 0.00	33.13 -0.06 0.00	33.98 0.32 0.00	28.22 0.33 0.00	26.69 0.23 0.00	24.66 0.17 0.00	26.41 0.15 0.00	23.39 0.14 0.00	24.43 0.11 0.00	29.49 0.04 0.00	30.68 0.22 0.00	39.33 0.34 0.00	35.69 0.44 0.00	27.27 0.25 0.00	22.90 0.34 0.00	21.43 0.46 0.00	20.98 0.52 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	24.11 1.34 0.00	22.15 1.26 0.00	19.68 1.04 0.00	16.84 0.91 0.00	18.34 1.06 0.00	25.97 1.49 0.00	35.44 2.15 0.00	46.30 2.95 0.00	35.55 2.35 0.00	35.97 2.31 0.00	29.81 1.93 0.00	28.21 1.75 0.00	26.16 1.67 0.00	28.08 1.82 0.00	24.92 1.66 0.00	26.16 1.85 0.00	31.70 2.25 0.00	32.80 2.35 0.00	42.14 3.14 0.00	38.15 2.90 0.00	29.14 2.12 0.00	24.29 1.74 0.00	22.38 1.41 0.00	21.59 1.14 0.00
PEEKSKILL____ 23653	23.92 1.14 0.00	21.98 1.08 0.00	19.52 0.88 0.00	16.71 0.78 0.00	18.19 0.92 0.00	25.76 1.29 0.00	35.11 1.82 0.00	45.82 2.47 0.00	35.19 1.99 0.00	35.62 1.96 0.00	29.54 1.65 0.00	27.96 1.50 0.00	25.96 1.47 0.00	27.87 1.61 0.00	24.74 1.49 0.00	25.97 1.66 0.00	31.48 2.03 0.00	32.50 2.05 0.00	41.69 2.70 0.00	37.75 2.50 0.00	28.84 1.82 0.00	24.07 1.52 0.00	22.18 1.20 0.00	21.41 0.95 0.00
PGE MADISON__WINDPWR 24146	23.95 1.18 0.00	21.92 1.03 0.00	19.55 0.92 0.00	16.61 0.69 0.00	18.09 0.81 0.00	25.91 1.43 0.00	35.64 2.36 0.00	46.96 3.61 0.00	35.79 2.59 0.00	36.33 2.67 0.00	29.85 1.96 0.00	28.29 1.83 0.00	26.21 1.72 0.00	28.11 1.84 0.00	24.86 1.61 0.00	26.27 1.96 0.00	32.03 2.58 0.00	33.35 2.89 0.00	42.95 3.95 0.00	38.87 3.62 0.00	29.66 2.64 0.00	24.53 1.98 0.00	22.77 1.79 0.00	22.10 1.65 0.00
PIERCEFIELD__HYD 23852	22.64 -0.13 0.00	20.77 -0.12 0.00	18.61 -0.03 0.00	15.90 -0.03 0.00	17.21 -0.07 0.00	24.40 -0.07 0.00	33.23 -0.06 0.00	43.32 -0.03 0.00	33.15 -0.05 0.00	33.75 0.09 0.00	27.79 -0.10 0.00	26.40 -0.06 0.00	24.37 -0.12 0.00	26.15 -0.11 0.00	23.16 -0.09 0.00	24.15 -0.16 0.00	29.33 -0.12 0.00	30.35 -0.10 0.00	38.87 -0.12 0.00	35.07 -0.19 0.00	26.87 -0.15 0.00	22.33 -0.22 0.00	20.80 -0.17 0.00	20.25 -0.21 0.00
PINELAWN_CC_1 323563	24.25 1.48 0.00	22.23 1.33 0.00	19.76 1.12 0.00	16.92 0.99 0.00	18.41 1.13 0.00	26.06 1.58 0.00	35.35 2.06 0.00	45.97 2.62 0.00	35.57 2.37 0.00	35.91 2.25 0.00	29.97 2.09 0.00	28.49 2.04 0.00	26.49 2.00 0.00	28.36 2.09 0.00	25.28 2.03 0.00	26.62 2.31 0.00	32.26 2.81 0.00	33.16 2.71 0.00	42.21 3.21 0.00	38.37 3.12 0.00	29.34 2.32 0.00	24.60 2.04 0.00	22.60 1.62 0.00	21.69 1.24 0.00
PJM_GEN_HTP_PROXY 323702	24.05 1.28 0.00	22.11 1.22 0.00	19.63 0.99 0.00	16.80 0.87 0.00	18.28 1.00 0.00	25.87 1.40 0.00	35.34 2.05 0.00	46.11 2.76 0.00	35.44 2.25 0.00	35.91 2.25 0.00	29.80 1.91 0.00	28.22 1.76 0.00	26.20 1.71 0.00	28.14 1.87 0.00	24.99 1.74 0.00	26.20 1.89 0.00	31.72 2.27 0.00	31.36 2.26 1.36	41.89 2.90 0.00	38.71 2.74 -0.72	29.03 2.00 0.00	24.25 1.69 0.00	22.34 1.37 0.00	21.53 1.07 0.00
PJM_GEN_KEystone 24065	23.15 0.38 0.00	21.19 0.30 0.00	18.73 0.10 0.00	16.04 0.11 0.00	17.44 0.17 0.00	24.83 0.36 0.00	33.73 0.44 0.00	44.06 0.71 0.00	33.72 0.52 0.00	34.30 0.64 0.00	28.47 0.58 0.00	26.94 0.48 0.00	24.98 0.48 0.00	26.77 0.51 0.00	23.73 0.48 0.00	24.90 0.58 0.00	30.09 0.64 0.00	29.79 0.69 1.36	39.99 1.00 0.00	36.94 0.97 -0.72	27.67 0.65 0.00	23.10 0.55 0.00	21.54 0.56 0.00	20.93 0.48 0.00
PJM_GEN_NEPTUNE_PROXY 323594	24.01 1.24 0.00	22.03 1.13 0.00	19.58 0.95 0.00	16.78 0.85 0.00	18.25 0.97 0.00	25.82 1.34 0.00	35.00 1.72 0.00	45.55 2.20 0.00	35.16 1.97 0.00	35.54 1.88 0.00	29.65 1.77 0.00	28.15 1.70 0.01	26.18 1.69 0.01	28.04 1.78 0.00	24.98 1.73 0.00	26.27 1.95 0.00	31.79 2.34 0.00	31.31 2.21 1.36	41.66 2.66 0.00	38.57 2.59 -0.72	28.93 1.91 0.00	24.25 1.70 0.00	17.25 1.39 5.13	21.47 1.02 0.00
PJM_GEN_VFT_PROXY 323633	23.99 1.21 0.00	21.80 1.15 0.25	19.29 0.92 0.26	16.74 0.82 0.01	18.02 0.94 0.20	22.00 1.30 3.77	30.92 1.92 4.28	45.05 2.60 0.90	28.38 2.11 6.93	27.12 2.09 8.63	27.55 1.80 2.13	27.00 1.66 1.12	26.11 1.62 0.00	27.61 1.76 0.41	24.90 1.65 0.00	26.11 1.80 0.00	30.45 2.14 1.14	28.12 2.12 4.45	33.07 2.70 8.62	32.30 2.53 5.48	24.81 1.83 4.05	21.99 1.57 2.14	21.77 1.28 0.48	21.46 1.01 0.00
PLATSBURG_115KV_PMLD1 355749	23.23 0.46 0.00	21.32 0.43 0.00	19.08 0.45 0.00	16.31 0.38 0.00	17.78 0.50 0.00	25.24 0.77 0.00	34.18 0.89 0.00	44.93 1.58 0.00	34.59 1.40 0.00	35.43 1.77 0.00	29.10 1.21 0.00	27.59 1.14 0.00	25.37 0.88 0.00	27.45 1.18 0.00	24.32 1.06 0.00	25.20 0.89 0.00	30.71 1.26 0.00	31.85 1.40 0.00	40.69 1.70 0.00	36.43 1.18 0.00	27.76 0.74 0.00	22.92 0.37 0.00	21.15 0.18 0.00	20.46 0.01 0.00

PLEASANTVLY___LBMP 24000	23.79 1.02 0.00	21.87 0.98 0.00	19.44 0.80 0.00	16.64 0.72 0.00	18.12 0.85 0.00	25.64 1.16 0.00	34.91 1.63 0.00	45.56 2.21 0.00	35.02 1.82 0.00	35.44 1.78 0.00	29.36 1.48 0.00	27.77 1.31 0.00	25.76 1.27 0.00	27.67 1.41 0.00	24.56 1.31 0.00	25.77 1.46 0.00	31.24 1.79 0.00	32.29 1.84 0.00	41.45 2.45 0.00	37.52 2.27 0.00	28.68 1.66 0.00	23.93 1.38 0.00	22.06 1.09 0.00	21.30 0.85 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	23.96 1.19 0.00	22.03 1.14 0.00	19.57 0.94 0.00	16.76 0.83 0.00	18.24 0.96 0.00	25.82 1.35 0.00	35.20 1.91 0.00	45.93 2.58 0.00	35.31 2.11 0.00	35.73 2.07 0.00	29.64 1.76 0.00	28.06 1.60 0.00	26.04 1.55 0.00	27.96 1.70 0.00	24.82 1.57 0.00	26.05 1.74 0.00	31.57 2.12 0.00	32.60 2.15 0.00	41.82 2.82 0.00	37.86 2.61 0.00	28.94 1.91 0.00	24.16 1.60 0.00	22.25 1.27 0.00	21.47 1.02 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.96 1.19 0.00	22.03 1.14 0.00	19.57 0.94 0.00	16.76 0.83 0.00	18.24 0.96 0.00	25.82 1.35 0.00	35.20 1.91 0.00	45.93 2.58 0.00	35.31 2.11 0.00	35.73 2.07 0.00	29.64 1.76 0.00	28.06 1.60 0.00	26.04 1.55 0.00	27.96 1.70 0.00	24.82 1.57 0.00	26.05 1.74 0.00	31.57 2.12 0.00	32.60 2.15 0.00	41.82 2.82 0.00	37.86 2.61 0.00	28.94 1.91 0.00	24.16 1.60 0.00	22.25 1.27 0.00	21.47 1.02 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.94 1.17 0.00	22.00 1.11 0.00	19.56 0.93 0.00	16.75 0.82 0.00	18.24 0.96 0.00	25.82 1.34 0.00	35.18 1.90 0.00	45.95 2.60 0.00	35.27 2.07 0.00	35.67 2.01 0.00	29.55 1.66 0.00	27.93 1.47 0.00	25.89 1.40 0.00	27.81 1.54 0.00	24.68 1.43 0.00	25.90 1.59 0.00	31.43 1.98 0.00	32.53 2.08 0.00	41.79 2.80 0.00	37.83 2.58 0.00	28.92 1.90 0.00	24.11 1.56 0.00	22.23 1.26 0.00	21.46 1.01 0.00
POLETTI____ 23519	24.02 1.25 0.00	22.09 1.19 0.00	19.61 0.97 0.00	16.78 0.85 0.00	18.27 0.99 0.00	25.84 1.36 0.00	35.27 1.98 0.00	46.02 2.67 0.00	35.40 2.20 0.00	35.85 2.19 0.00	29.75 1.87 0.00	28.19 1.73 0.00	26.16 1.67 0.00	28.08 1.81 0.00	24.92 1.67 0.00	26.14 1.82 0.00	31.64 2.19 0.00	32.63 2.18 0.00	41.78 2.78 0.00	37.88 2.63 0.00	28.94 1.92 0.00	24.17 1.62 0.00	22.29 1.32 0.00	21.48 1.02 0.00
POMONA___ESR 323819	23.93 1.16 0.00	21.99 1.10 0.00	19.53 0.90 0.00	16.72 0.80 0.00	18.22 0.94 0.00	25.80 1.32 0.00	35.16 1.88 0.00	45.89 2.54 0.00	35.20 2.00 0.00	35.61 1.95 0.00	29.53 1.64 0.00	27.95 1.50 0.00	25.98 1.48 0.00	27.88 1.62 0.00	24.75 1.49 0.00	25.98 1.67 0.00	31.50 2.05 0.00	32.52 2.07 0.00	41.75 2.76 0.00	37.78 2.53 0.00	28.86 1.84 0.00	24.08 1.52 0.00	22.20 1.22 0.00	21.43 0.98 0.00
PORT_JEFF_3 23555	24.31 1.53 0.00	22.26 1.36 0.00	19.80 1.16 0.00	16.98 1.05 0.00	18.46 1.18 0.00	26.09 1.62 0.00	35.28 2.00 0.00	45.66 2.31 0.00	35.45 2.26 0.00	35.87 2.20 0.00	29.96 2.07 0.00	28.51 2.05 0.00	26.55 2.06 0.00	28.41 2.14 0.00	25.35 2.10 0.00	26.68 2.37 0.00	32.37 2.92 0.00	33.27 2.81 0.00	42.12 3.13 0.00	38.22 2.97 0.00	29.20 2.18 0.00	24.54 1.99 0.00	19.42 1.56 3.12	21.67 1.22 0.00
PORT_JEFF_4 23616	24.31 1.53 0.00	22.26 1.36 0.00	19.80 1.16 0.00	16.98 1.05 0.00	18.46 1.18 0.00	26.09 1.62 0.00	35.28 2.00 0.00	45.66 2.31 0.00	35.45 2.26 0.00	35.87 2.20 0.00	29.96 2.07 0.00	28.51 2.05 0.00	26.55 2.06 0.00	28.41 2.14 0.00	25.35 2.10 0.00	26.68 2.37 0.00	32.37 2.92 0.00	33.27 2.81 0.00	42.12 3.13 0.00	38.22 2.97 0.00	29.20 2.18 0.00	24.54 1.99 0.00	19.42 1.56 3.12	21.67 1.22 0.00
PORT_JEFF_IC 23713	24.34 1.57 0.00	22.28 1.39 0.00	19.82 1.18 0.00	17.00 1.07 0.00	18.48 1.20 0.00	26.12 1.65 0.00	35.34 2.05 0.00	45.75 2.40 0.00	35.53 2.34 0.00	35.94 2.28 0.00	30.00 2.12 0.00	28.55 2.10 0.00	26.59 2.11 0.00	28.45 2.19 0.00	25.38 2.13 0.00	26.73 2.42 0.00	32.43 2.98 0.00	33.34 2.88 0.00	42.16 3.17 0.00	38.26 3.01 0.00	29.23 2.22 0.00	24.61 2.06 0.00	19.55 1.61 3.03	21.70 1.25 0.00
PPL PILGRIM_ST_GT1 24216	24.38 1.61 0.00	22.32 1.42 0.00	19.85 1.21 0.00	17.00 1.07 0.00	18.49 1.21 0.00	26.18 1.71 0.00	35.54 2.26 0.00	46.15 2.80 0.00	35.76 2.56 0.00	36.11 2.45 0.00	30.10 2.22 0.00	28.64 2.19 0.00	26.65 2.16 0.00	28.51 2.25 0.00	25.43 2.18 0.00	26.80 2.49 0.00	32.49 3.04 0.00	33.40 2.94 0.00	42.23 3.24 0.00	38.51 3.26 0.00	29.52 2.50 0.00	24.76 2.21 0.00	20.10 1.75 2.63	21.82 1.36 0.00
PPL PILGRIM_ST_GT2 24217	24.38 1.61 0.00	22.32 1.42 0.00	19.85 1.21 0.00	17.00 1.07 0.00	18.49 1.21 0.00	26.18 1.71 0.00	35.54 2.26 0.00	46.15 2.80 0.00	35.76 2.56 0.00	36.11 2.45 0.00	30.10 2.22 0.00	28.64 2.19 0.00	26.65 2.16 0.00	28.51 2.25 0.00	25.43 2.18 0.00	26.80 2.49 0.00	32.49 3.04 0.00	33.40 2.94 0.00	42.23 3.24 0.00	38.51 3.26 0.00	29.52 2.50 0.00	24.76 2.21 0.00	20.10 1.75 2.63	21.82 1.36 0.00
PPL_SHRM_GT3 24213	24.43 1.66 0.00	22.36 1.47 0.00	19.89 1.26 0.00	17.07 1.14 0.00	18.56 1.29 0.00	26.24 1.76 0.00	35.57 2.28 0.00	46.09 2.74 0.00	35.86 2.67 0.00	36.21 2.55 0.00	30.18 2.30 0.00	28.70 2.25 0.00	26.74 2.25 0.00	28.59 2.33 0.00	25.53 2.27 0.00	26.85 2.54 0.00	32.62 3.17 0.00	33.60 3.15 0.00	42.63 3.64 0.00	38.75 3.50 0.00	29.61 2.59 0.00	24.87 2.31 0.00	19.64 1.74 3.07	21.82 1.37 0.00
PPL_SHRM_GT4 24214	24.43 1.66 0.00	22.36 1.47 0.00	19.89 1.26 0.00	17.07 1.14 0.00	18.56 1.29 0.00	26.24 1.76 0.00	35.57 2.28 0.00	46.09 2.74 0.00	35.86 2.67 0.00	36.21 2.55 0.00	30.18 2.30 0.00	28.70 2.25 0.00	26.74 2.25 0.00	28.59 2.33 0.00	25.53 2.27 0.00	26.85 2.54 0.00	32.62 3.17 0.00	33.60 3.15 0.00	42.63 3.64 0.00	38.75 3.50 0.00	29.61 2.59 0.00	24.87 2.31 0.00	19.64 1.74 3.07	21.82 1.37 0.00
PROJECT___ORANGE 1 24174	22.58 -0.19 0.00	20.66 -0.23 0.00	18.41 -0.22 0.00	15.71 -0.21 0.00	17.04 -0.24 0.00	24.21 -0.27 0.00	33.02 -0.27 0.00	43.22 -0.13 0.00	33.06 -0.14 0.00	33.52 -0.14 0.00	27.76 -0.12 0.00	26.32 -0.13 0.00	24.34 -0.15 0.00	26.06 -0.20 0.00	23.04 -0.21 0.00	24.15 -0.16 0.00	29.27 -0.17 0.00	30.34 -0.11 0.00	38.89 -0.10 0.00	35.20 -0.06 0.00	26.93 -0.09 0.00	22.47 -0.09 0.00	20.90 -0.08 0.00	20.52 0.07 0.00
PROJECT___ORANGE 2 24166	22.58 -0.19 0.00	20.66 -0.23 0.00	18.41 -0.22 0.00	15.71 -0.21 0.00	17.04 -0.24 0.00	24.21 -0.27 0.00	33.02 -0.27 0.00	43.22 -0.13 0.00	33.06 -0.14 0.00	33.52 -0.14 0.00	27.76 -0.12 0.00	26.32 -0.13 0.00	24.34 -0.15 0.00	26.06 -0.20 0.00	23.04 -0.21 0.00	24.15 -0.16 0.00	29.27 -0.17 0.00	30.34 -0.11 0.00	38.89 -0.10 0.00	35.20 -0.06 0.00	26.93 -0.09 0.00	22.47 -0.09 0.00	20.90 -0.08 0.00	20.52 0.07 0.00

PUCKETT___SOLAR 323809	23.08 0.31 0.00	21.09 0.20 0.00	18.76 0.12 0.00	16.01 0.08 0.00	17.41 0.13 0.00	24.81 0.34 0.00	33.92 0.63 0.00	44.52 1.17 0.00	34.00 0.80 0.00	34.49 0.83 0.00	28.54 0.66 0.00	27.04 0.58 0.00	24.95 0.45 0.00	26.82 0.55 0.00	23.72 0.47 0.00	25.12 0.81 0.00	30.48 1.04 0.00	31.62 1.16 0.00	40.62 1.63 0.00	36.77 1.52 0.00	28.12 1.10 0.00	23.39 0.83 0.00	21.72 0.75 0.00	21.14 0.69 0.00
PYRITES___HYD 24023	22.94 0.17 0.00	21.04 0.15 0.00	18.84 0.20 0.00	16.10 0.17 0.00	17.43 0.15 0.00	24.77 0.30 0.00	33.77 0.48 0.00	44.03 0.68 0.00	33.63 0.43 0.00	34.28 0.62 0.00	28.20 0.32 0.00	26.77 0.31 0.00	24.63 0.14 0.00	26.41 0.14 0.00	23.38 0.13 0.00	24.42 0.11 0.00	29.62 0.17 0.00	30.70 0.25 0.00	39.36 0.37 0.00	35.54 0.28 0.00	27.24 0.22 0.00	22.65 0.10 0.00	21.13 0.15 0.00	20.52 0.07 0.00
QUAKERRD_115KV_BK1 80622	21.98 -0.80 0.00	20.08 -0.81 0.00	17.89 -0.75 0.00	15.30 -0.63 0.00	16.59 -0.69 0.00	23.67 -0.81 0.00	32.21 -1.08 0.00	42.05 -1.30 0.00	32.21 -0.99 0.00	32.65 -1.01 0.00	27.06 -0.83 0.00	25.64 -0.82 0.00	23.71 -0.78 0.00	25.40 -0.86 0.00	22.49 -0.76 0.00	23.50 -0.81 0.00	28.41 -1.04 0.00	29.51 -0.94 0.00	37.84 -1.16 0.00	34.29 -0.97 0.00	26.21 -0.81 0.00	21.92 -0.63 0.00	20.44 -0.53 0.00	20.04 -0.41 0.00
QUENSBRY_115KV_TB8 356137	23.72 0.95 0.00	21.81 0.92 0.00	19.42 0.78 0.00	16.62 0.69 0.00	18.14 0.86 0.00	25.76 1.29 0.00	35.06 1.77 0.00	45.90 2.55 0.00	35.37 2.17 0.00	35.92 2.26 0.00	29.64 1.76 0.00	27.94 1.49 0.00	25.71 1.21 0.00	27.70 1.44 0.00	24.56 1.31 0.00	25.67 1.35 0.00	31.14 1.69 0.00	32.47 2.02 0.00	41.93 2.94 0.00	37.87 2.62 0.00	28.93 1.91 0.00	24.06 1.51 0.00	22.15 1.17 0.00	21.35 0.89 0.00
RAMAPO___LBMP 323565	23.85 1.08 0.00	21.92 1.03 0.00	19.47 0.84 0.00	16.67 0.75 0.00	18.16 0.88 0.00	25.72 1.25 0.00	35.05 1.76 0.00	45.73 2.39 0.00	35.09 1.90 0.00	35.48 1.82 0.00	29.44 1.55 0.00	27.87 1.41 0.00	25.89 1.40 0.00	27.78 1.52 0.00	24.65 1.40 0.00	25.88 1.57 0.00	31.37 1.92 0.00	32.39 1.94 0.00	41.59 2.60 0.00	37.64 2.39 0.00	28.75 1.73 0.00	23.98 1.43 0.00	22.11 1.14 0.00	21.36 0.90 0.00
RANKINE____ 23646	22.42 -0.36 0.00	20.39 -0.50 0.00	18.14 -0.50 0.00	15.54 -0.38 0.00	16.85 -0.42 0.00	24.21 -0.26 0.00	32.70 -0.58 0.00	42.68 -0.68 0.00	32.72 -0.48 0.00	33.56 -0.10 0.00	27.87 -0.01 0.00	26.37 -0.08 0.00	24.36 -0.13 0.00	26.08 -0.18 0.00	23.10 -0.15 0.00	24.10 -0.21 0.00	29.11 -0.34 0.00	30.29 -0.17 0.00	38.84 -0.16 0.00	35.26 0.01 0.00	26.95 -0.08 0.00	22.66 0.11 0.00	21.22 0.25 0.00	20.79 0.34 0.00
RAVENSWOOD_GT2_1 24244	24.05 1.28 0.00	22.11 1.22 0.00	19.63 0.99 0.00	16.80 0.87 0.00	18.28 1.01 0.00	25.87 1.40 0.00	35.31 2.03 0.00	46.07 2.72 0.00	35.45 2.24 0.00	35.89 2.23 0.00	29.79 1.91 0.00	28.21 1.76 0.00	26.19 1.70 0.00	28.12 1.86 0.00	24.98 1.73 0.00	26.20 1.88 0.00	31.72 2.27 0.00	32.72 2.27 0.00	41.90 2.91 0.00	37.98 2.72 0.00	29.02 2.00 0.00	24.24 1.68 0.00	22.34 1.37 0.00	21.53 1.08 0.00
RAVENSWOOD_GT2_2 24245	24.05 1.28 0.00	22.11 1.22 0.00	19.63 0.99 0.00	16.80 0.87 0.00	18.28 1.01 0.00	25.87 1.40 0.00	35.31 2.03 0.00	46.07 2.72 0.00	35.45 2.24 0.00	35.89 2.23 0.00	29.79 1.91 0.00	28.21 1.76 0.00	26.19 1.70 0.00	28.12 1.86 0.00	24.98 1.73 0.00	26.20 1.88 0.00	31.72 2.27 0.00	32.72 2.27 0.00	41.90 2.91 0.00	37.98 2.72 0.00	29.02 2.00 0.00	24.24 1.68 0.00	22.34 1.37 0.00	21.53 1.08 0.00
RAVENSWOOD_GT2_3 24246	24.05 1.28 0.00	22.11 1.21 0.00	19.63 0.99 0.00	16.80 0.87 0.00	18.29 1.01 0.00	25.88 1.40 0.00	35.31 2.02 0.00	46.07 2.72 0.00	35.45 2.24 0.00	35.89 2.23 0.00	29.79 1.91 0.00	28.21 1.76 0.00	26.19 1.70 0.00	28.12 1.86 0.00	24.98 1.72 0.00	26.19 1.88 0.00	31.72 2.27 0.00	32.72 2.27 0.00	41.90 2.91 0.00	37.98 2.73 0.00	29.02 2.00 0.00	24.24 1.68 0.00	22.34 1.37 0.00	21.53 1.08 0.00
RAVENSWOOD_GT2_4 24247	24.05 1.28 0.00	22.11 1.21 0.00	19.63 0.99 0.00	16.80 0.87 0.00	18.29 1.01 0.00	25.88 1.40 0.00	35.31 2.02 0.00	46.07 2.72 0.00	35.45 2.24 0.00	35.89 2.23 0.00	29.79 1.91 0.00	28.21 1.76 0.00	26.19 1.70 0.00	28.12 1.86 0.00	24.98 1.72 0.00	26.19 1.88 0.00	31.72 2.27 0.00	32.72 2.27 0.00	41.90 2.91 0.00	37.98 2.73 0.00	29.02 2.00 0.00	24.24 1.68 0.00	22.34 1.37 0.00	21.53 1.08 0.00
RAVENSWOOD_GT3_1 24248	24.05 1.28 0.00	22.11 1.22 0.00	19.63 0.99 0.00	16.80 0.87 0.00	18.28 1.01 0.00	25.87 1.40 0.00	35.31 2.03 0.00	46.07 2.72 0.00	35.45 2.24 0.00	35.89 2.23 0.00	29.79 1.90 0.00	28.21 1.76 0.00	26.19 1.70 0.00	28.12 1.86 0.00	24.97 1.72 0.00	26.19 1.88 0.00	31.72 2.27 0.00	32.72 2.27 0.00	41.90 2.91 0.00	37.97 2.72 0.00	29.02 2.00 0.00	24.24 1.68 0.00	22.34 1.37 0.00	21.53 1.08 0.00
RAVENSWOOD_GT3_2 24249	24.05 1.28 0.00	22.11 1.22 0.00	19.63 0.99 0.00	16.80 0.87 0.00	18.28 1.01 0.00	25.87 1.40 0.00	35.31 2.03 0.00	46.07 2.72 0.00	35.45 2.24 0.00	35.89 2.23 0.00	29.79 1.90 0.00	28.21 1.76 0.00	26.19 1.70 0.00	28.12 1.86 0.00	24.97 1.72 0.00	26.19 1.88 0.00	31.72 2.27 0.00	32.72 2.27 0.00	41.90 2.91 0.00	37.97 2.72 0.00	29.02 2.00 0.00	24.24 1.68 0.00	22.34 1.37 0.00	21.53 1.08 0.00
RAVENSWOOD_GT3_3 24250	24.08 1.31 0.00	22.13 1.24 0.00	19.65 1.01 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.91 1.43 0.00	35.36 2.07 0.00	46.15 2.80 0.00	35.50 2.30 0.00	35.95 2.29 0.00	29.83 1.95 0.00	28.26 1.80 0.00	26.23 1.74 0.00	28.17 1.91 0.00	25.01 1.76 0.00	26.24 1.93 0.00	31.78 2.32 0.00	32.78 2.33 0.00	41.97 2.98 0.00	38.03 2.78 0.00	29.07 2.05 0.00	24.28 1.73 0.00	22.37 1.40 0.00	21.55 1.10 0.00
RAVENSWOOD_GT3_4 24251	24.08 1.31 0.00	22.13 1.24 0.00	19.65 1.01 0.00	16.82 0.89 0.00	18.31 1.03 0.00	25.91 1.43 0.00	35.36 2.07 0.00	46.15 2.80 0.00	35.50 2.30 0.00	35.95 2.29 0.00	29.83 1.95 0.00	28.26 1.80 0.00	26.23 1.74 0.00	28.17 1.91 0.00	25.01 1.76 0.00	26.24 1.93 0.00	31.78 2.32 0.00	32.78 2.33 0.00	41.97 2.98 0.00	38.03 2.78 0.00	29.07 2.05 0.00	24.28 1.73 0.00	22.37 1.40 0.00	21.55 1.10 0.00
RAVENSWOOD_GT_1 23729	24.13 1.36 0.00	22.18 1.29 0.00	19.68 1.05 0.00	16.84 0.92 0.00	18.33 1.05 0.00	25.91 1.43 0.00	35.40 2.11 0.00	46.24 2.89 0.00	35.62 2.42 -0.01	36.08 2.42 0.00	29.94 2.05 0.00	28.34 1.88 0.00	26.29 1.80 0.00	28.22 1.96 0.00	25.07 1.81 0.00	26.30 1.99 0.00	31.86 2.41 0.00	32.86 2.41 0.00	42.11 3.11 0.00	38.16 2.91 0.00	29.61 2.14 -0.45	24.36 1.80 0.00	22.42 1.44 0.00	21.60 1.15 0.00

RAVENSWOOD_GT_10 24258	24.05 1.28 0.00	22.11 1.22 0.00	19.63 0.99 0.00	16.80 0.87 0.00	18.29 1.01 0.00	25.87 1.40 0.00	35.32 2.03 0.00	46.07 2.72 0.00	35.45 2.24 0.00	35.89 2.23 0.00	29.79 1.91 0.00	28.21 1.76 0.00	26.19 1.70 0.00	28.12 1.86 0.00	24.98 1.73 0.00	26.20 1.88 0.00	31.72 2.27 0.00	32.72 2.27 0.00	41.90 2.91 0.00	37.98 2.72 0.00	29.02 2.00 0.00	24.24 1.68 0.00	22.34 1.37 0.00	21.53 1.08 0.00
RAVENSWOOD_GT_11 24259	24.05 1.28 0.00	22.11 1.22 0.00	19.63 0.99 0.00	16.80 0.87 0.00	18.29 1.01 0.00	25.87 1.40 0.00	35.32 2.03 0.00	46.08 2.73 0.00	35.44 2.25 0.00	35.90 2.24 0.00	29.79 1.91 0.00	28.21 1.76 0.00	26.19 1.70 0.00	28.13 1.86 0.00	24.98 1.72 0.00	26.20 1.89 0.00	31.73 2.28 0.00	32.72 2.27 0.00	41.90 2.91 0.00	37.98 2.73 0.00	29.02 2.00 0.00	24.24 1.69 0.00	22.34 1.37 0.00	21.53 1.08 0.00
RAVENSWOOD_GT_4 24252	24.04 1.27 0.00	22.10 1.21 0.00	19.62 0.98 0.00	16.80 0.87 0.00	18.28 1.00 0.00	25.87 1.39 0.00	35.30 2.02 0.00	46.06 2.71 0.00	35.43 2.23 0.00	35.87 2.21 0.00	29.78 1.89 0.00	28.20 1.75 0.00	26.18 1.69 0.00	28.11 1.85 0.00	24.97 1.72 0.00	26.19 1.87 0.00	31.71 2.26 0.00	32.71 2.26 0.00	41.88 2.89 0.00	37.96 2.71 0.00	29.01 1.98 0.00	24.22 1.67 0.00	22.33 1.36 0.00	21.52 1.07 0.00
RAVENSWOOD_GT_5 24254	24.04 1.27 0.00	22.10 1.21 0.00	19.62 0.98 0.00	16.80 0.87 0.00	18.28 1.00 0.00	25.87 1.39 0.00	35.30 2.02 0.00	46.06 2.71 0.00	35.43 2.23 0.00	35.87 2.21 0.00	29.78 1.89 0.00	28.20 1.75 0.00	26.18 1.69 0.00	28.11 1.85 0.00	24.97 1.72 0.00	26.19 1.87 0.00	31.71 2.26 0.00	32.71 2.26 0.00	41.88 2.89 0.00	37.96 2.71 0.00	29.01 1.98 0.00	24.22 1.67 0.00	22.33 1.36 0.00	21.52 1.07 0.00
RAVENSWOOD_GT_6 24253	24.04 1.27 0.00	22.10 1.21 0.00	19.62 0.98 0.00	16.80 0.87 0.00	18.28 1.00 0.00	25.87 1.39 0.00	35.30 2.02 0.00	46.06 2.71 0.00	35.43 2.23 0.00	35.87 2.21 0.00	29.78 1.89 0.00	28.20 1.75 0.00	26.18 1.69 0.00	28.11 1.85 0.00	24.97 1.72 0.00	26.19 1.87 0.00	31.71 2.26 0.00	32.71 2.26 0.00	41.88 2.89 0.00	37.96 2.71 0.00	29.01 1.98 0.00	24.22 1.67 0.00	22.33 1.36 0.00	21.52 1.07 0.00
RAVENSWOOD_GT_7 24255	24.04 1.27 0.00	22.10 1.21 0.00	19.62 0.98 0.00	16.80 0.87 0.00	18.28 1.00 0.00	25.87 1.39 0.00	35.30 2.02 0.00	46.06 2.71 0.00	35.43 2.23 0.00	35.87 2.21 0.00	29.78 1.89 0.00	28.20 1.75 0.00	26.18 1.69 0.00	28.11 1.85 0.00	24.97 1.72 0.00	26.19 1.87 0.00	31.71 2.26 0.00	32.71 2.26 0.00	41.88 2.89 0.00	37.96 2.71 0.00	29.01 1.98 0.00	24.22 1.67 0.00	22.33 1.36 0.00	21.52 1.07 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.05 1.28 0.00	22.11 1.22 0.00	19.63 0.99 0.00	16.80 0.87 0.00	18.29 1.01 0.00	25.87 1.40 0.00	35.32 2.03 0.00	46.07 2.72 0.00	35.45 2.24 0.00	35.89 2.23 0.00	29.79 1.91 0.00	28.21 1.76 0.00	26.19 1.70 0.00	28.12 1.86 0.00	24.98 1.73 0.00	26.20 1.88 0.00	31.72 2.27 0.00	32.72 2.27 0.00	41.90 2.91 0.00	37.98 2.72 0.00	29.02 2.00 0.00	24.24 1.68 0.00	22.34 1.37 0.00	21.53 1.08 0.00
RAVENSWOOD_GT_9 24257	24.05 1.28 0.00	22.11 1.22 0.00	19.63 0.99 0.00	16.80 0.87 0.00	18.29 1.01 0.00	25.87 1.40 0.00	35.32 2.03 0.00	46.07 2.72 0.00	35.45 2.24 0.00	35.89 2.23 0.00	29.79 1.91 0.00	28.21 1.76 0.00	26.19 1.70 0.00	28.12 1.86 0.00	24.98 1.73 0.00	26.20 1.88 0.00	31.72 2.27 0.00	32.72 2.27 0.00	41.90 2.91 0.00	37.98 2.72 0.00	29.02 2.00 0.00	24.24 1.68 0.00	22.34 1.37 0.00	21.53 1.08 0.00
RAVENSWOOD___1 23533	24.12 1.35 0.00	22.17 1.28 0.00	19.67 1.04 0.00	16.84 0.91 0.00	18.33 1.05 0.00	25.90 1.42 0.00	35.38 2.10 0.00	46.21 2.86 0.00	35.61 2.41 -0.01	36.05 2.39 0.00	29.91 2.02 0.00	28.32 1.86 0.00	26.28 1.79 0.00	28.21 1.95 0.00	25.06 1.80 0.00	26.29 1.97 0.00	31.84 2.39 0.00	32.84 2.39 0.00	42.08 3.08 0.00	38.13 2.88 0.00	29.59 2.12 -0.45	24.34 1.79 0.00	22.41 1.43 0.00	21.59 1.13 0.00
RAVENSWOOD___2 23534	24.10 1.33 0.00	22.16 1.27 0.00	19.67 1.04 0.00	16.83 0.90 0.00	18.32 1.04 0.00	25.89 1.42 0.00	35.38 2.09 0.00	46.20 2.85 0.00	35.58 2.38 -0.01	36.03 2.37 0.00	29.89 2.00 0.00	28.30 1.84 0.00	26.27 1.77 0.00	28.19 1.93 0.00	25.04 1.78 0.00	26.27 1.96 0.00	31.82 2.37 0.00	32.82 2.37 0.00	42.06 3.06 0.00	38.12 2.87 0.00	29.58 2.10 -0.45	24.32 1.77 0.00	22.39 1.42 0.00	21.58 1.12 0.00
RAVENSWOOD___3 23535	24.05 1.27 0.00	22.11 1.21 0.00	19.62 0.99 0.00	16.80 0.87 0.00	18.28 1.01 0.00	25.87 1.39 0.00	35.30 2.02 0.00	46.07 2.72 0.00	35.44 2.24 0.00	35.89 2.24 0.00	29.79 1.90 0.00	28.21 1.76 0.00	26.19 1.70 0.00	28.12 1.86 0.00	24.97 1.72 0.00	26.19 1.88 0.00	31.72 2.27 0.00	32.72 2.27 0.00	41.90 2.90 0.00	37.97 2.72 0.00	29.02 2.00 0.00	24.24 1.69 0.00	22.33 1.36 0.00	21.53 1.07 0.00
RAVENSWOOD___4 23820	24.10 1.33 0.00	22.16 1.27 0.00	19.67 1.04 0.00	16.83 0.90 0.00	18.32 1.04 0.00	25.89 1.42 0.00	35.38 2.09 0.00	46.20 2.85 0.00	35.58 2.38 -0.01	36.03 2.37 0.00	29.89 2.00 0.00	28.30 1.84 0.00	26.27 1.77 0.00	28.19 1.93 0.00	25.04 1.78 0.00	26.27 1.96 0.00	31.82 2.37 0.00	32.82 2.37 0.00	42.06 3.06 0.00	38.12 2.87 0.00	29.58 2.10 -0.45	24.32 1.77 0.00	22.39 1.42 0.00	21.58 1.12 0.00
RCPL_TRUST___DRP 24196	24.07 1.30 0.00	22.13 1.24 0.00	19.64 1.01 0.00	16.81 0.89 0.00	18.30 1.02 0.00	25.90 1.42 0.00	35.37 2.09 0.00	46.15 2.80 0.00	35.49 2.30 0.00	35.96 2.29 0.00	29.85 1.96 0.00	28.27 1.81 0.00	26.25 1.75 0.00	28.18 1.92 0.00	25.03 1.78 0.00	26.24 1.93 0.00	31.77 2.32 0.00	32.76 2.31 0.00	41.94 2.95 0.00	38.03 2.78 0.00	29.06 2.03 0.00	24.27 1.71 0.00	22.37 1.40 0.00	21.55 1.10 0.00
RED___ROCHESTER 323720	22.58 -0.19 0.00	20.61 -0.29 0.00	18.35 -0.28 0.00	15.70 -0.23 0.00	17.02 -0.26 0.00	24.32 -0.16 0.00	33.07 -0.21 0.00	43.23 -0.12 0.00	33.15 -0.05 0.00	33.61 -0.05 0.00	27.89 0.00 0.00	26.43 -0.03 0.00	24.43 -0.06 0.00	26.17 -0.09 0.00	23.17 -0.08 0.00	24.24 -0.07 0.00	29.27 -0.18 0.00	30.42 -0.04 0.00	39.03 0.04 0.00	35.39 0.14 0.00	27.03 0.01 0.00	22.59 0.04 0.00	21.07 0.10 0.00	20.65 0.19 0.00
REGAN___SOLAR 323812	23.94 1.17 0.00	22.01 1.12 0.00	19.63 0.99 0.00	16.74 0.81 0.00	18.18 0.90 0.00	25.91 1.43 0.00	35.62 2.33 0.00	46.35 3.00 0.00	35.14 1.94 0.00	35.60 1.94 0.00	29.45 1.56 0.00	27.32 0.86 0.00	25.08 0.59 0.00	26.95 0.68 0.00	24.23 0.98 0.00	25.03 0.72 0.00	30.81 1.35 0.00	32.32 1.87 0.00	41.55 2.55 0.00	37.57 2.32 0.00	28.74 1.72 0.00	23.96 1.40 0.00	22.31 1.34 0.00	21.69 1.24 0.00

RENSSELAER___COGEN 23796	23.07 0.29 0.00	21.21 0.31 0.00	18.89 0.26 0.00	16.16 0.23 0.00	17.60 0.32 0.00	24.85 0.38 0.00	33.86 0.57 0.00	44.21 0.86 0.00	33.95 0.76 0.00	34.38 0.72 0.00	28.38 0.49 0.00	26.81 0.35 0.00	24.80 0.31 0.00	26.66 0.40 0.00	23.65 0.40 0.00	24.76 0.45 0.00	30.04 0.58 0.00	31.15 0.69 0.00	40.04 1.05 0.00	36.15 0.90 0.00	27.65 0.63 0.00	23.10 0.54 0.00	21.32 0.34 0.00	20.62 0.16 0.00
REPUBLIC_115KV_BARTNBRK 55605	24.21 1.43 0.00	22.35 1.46 0.00	19.88 1.25 0.00	17.05 1.13 0.00	18.70 1.42 0.00	26.66 2.19 0.00	36.05 2.76 0.00	47.27 3.93 0.00	36.37 3.18 0.00	36.81 3.15 0.00	30.22 2.34 0.00	28.40 1.95 0.00	26.13 1.64 0.00	28.31 2.05 0.00	25.09 1.84 0.00	26.13 1.82 0.00	31.62 2.17 0.00	33.33 2.88 0.00	43.27 4.28 0.00	39.01 3.76 0.00	29.74 2.72 0.00	24.68 2.13 0.00	22.75 1.77 0.00	21.86 1.40 0.00
REVERE_CPPR_DRP 24186	23.30 0.53 0.00	21.34 0.45 0.00	19.06 0.42 0.00	16.30 0.37 0.00	17.65 0.37 0.00	25.12 0.64 0.00	34.44 1.16 0.00	44.95 1.60 0.00	34.26 1.06 0.00	34.71 1.05 0.00	28.61 0.73 0.00	27.12 0.66 0.00	25.09 0.60 0.00	26.83 0.57 0.00	23.74 0.49 0.00	24.90 0.59 0.00	30.35 0.89 0.00	31.57 1.12 0.00	40.63 1.63 0.00	36.68 1.43 0.00	27.98 0.96 0.00	23.26 0.71 0.00	21.66 0.69 0.00	21.18 0.73 0.00
REYNOLDS_115KV_TB3 80639	23.22 0.44 0.00	21.35 0.46 0.00	19.02 0.38 0.00	16.27 0.34 0.00	17.72 0.44 0.00	25.02 0.54 0.00	34.05 0.77 0.00	44.47 1.12 0.00	34.15 0.95 0.00	34.57 0.91 0.00	28.53 0.64 0.00	26.95 0.49 0.00	24.95 0.45 0.00	26.82 0.56 0.00	23.79 0.54 0.00	24.93 0.61 0.00	30.20 0.75 0.00	31.33 0.88 0.00	40.31 1.32 0.00	36.37 1.12 0.00	27.83 0.80 0.00	23.25 0.69 0.00	21.46 0.49 0.00	20.74 0.29 0.00
RIVERBAY____ 323610	24.08 1.30 0.00	22.14 1.25 0.00	19.67 1.04 0.00	16.83 0.90 0.00	18.34 1.06 0.00	25.84 1.36 0.00	35.33 2.04 0.00	46.19 2.84 0.00	35.47 2.28 0.00	35.84 2.18 0.00	29.75 1.87 0.00	28.14 1.68 0.00	26.11 1.62 0.00	28.01 1.74 0.00	24.91 1.65 0.00	26.13 1.82 0.00	31.66 2.21 0.00	32.69 2.23 0.00	41.92 2.92 0.00	37.99 2.74 0.00	29.49 2.02 -0.45	24.23 1.67 0.00	22.35 1.38 0.00	21.54 1.08 0.00
RIVERSDE_115KV_TB3 55908	23.15 0.37 0.00	21.28 0.39 0.00	18.95 0.32 0.00	16.22 0.30 0.00	17.66 0.38 0.00	24.94 0.46 0.00	33.97 0.68 0.00	44.37 1.02 0.00	34.06 0.87 0.00	34.49 0.83 0.00	28.47 0.59 0.00	26.90 0.44 0.00	24.90 0.40 0.00	26.76 0.50 0.00	23.75 0.50 0.00	24.88 0.56 0.00	30.16 0.70 0.00	31.27 0.82 0.00	40.21 1.22 0.00	36.29 1.04 0.00	27.76 0.74 0.00	23.18 0.63 0.00	21.40 0.43 0.00	20.69 0.23 0.00
ROARING___BROOK_WT_PWR 323790	22.41 -0.37 0.00	20.55 -0.34 0.00	18.42 -0.21 0.00	15.74 -0.19 0.00	16.92 -0.36 0.00	23.95 -0.52 0.00	32.74 -0.54 0.00	42.66 -0.69 0.00	32.53 -0.66 0.00	32.81 -0.85 0.00	27.12 -0.77 0.00	25.89 -0.57 0.00	24.31 -0.19 0.00	25.97 -0.29 0.00	23.09 -0.16 0.00	24.15 -0.17 0.00	29.38 -0.07 0.00	30.48 0.02 0.00	39.13 0.13 0.00	35.26 0.00 0.00	26.91 -0.11 0.00	22.30 -0.25 0.00	20.85 -0.13 0.00	20.42 -0.03 0.00
ROCHESRG_115KV_T4 355643	22.39 -0.38 0.00	20.45 -0.45 0.00	18.22 -0.42 0.00	15.58 -0.35 0.00	16.89 -0.39 0.00	24.11 -0.37 0.00	32.76 -0.52 0.00	42.79 -0.56 0.00	32.80 -0.40 0.00	33.28 -0.38 0.00	27.59 -0.30 0.00	26.16 -0.30 0.00	24.17 -0.32 0.00	25.90 -0.37 0.00	22.92 -0.33 0.00	23.95 -0.36 0.00	28.93 -0.52 0.00	30.06 -0.39 0.00	38.55 -0.44 0.00	34.96 -0.29 0.00	26.71 -0.31 0.00	22.38 -0.18 0.00	20.87 -0.11 0.00	20.46 0.01 0.00
ROCHESTER_9_IC 23652	22.50 -0.27 0.00	20.54 -0.35 0.00	18.29 -0.34 0.00	15.64 -0.28 0.00	16.96 -0.32 0.00	24.23 -0.24 0.00	32.95 -0.34 0.00	43.05 -0.30 0.00	33.00 -0.20 0.00	33.48 -0.18 0.00	27.76 -0.12 0.00	26.32 -0.14 0.00	24.32 -0.17 0.00	26.06 -0.21 0.00	23.07 -0.18 0.00	24.11 -0.21 0.00	29.12 -0.33 0.00	30.27 -0.19 0.00	38.81 -0.18 0.00	35.20 -0.05 0.00	26.89 -0.13 0.00	22.51 -0.04 0.00	20.99 0.01 0.00	20.56 0.11 0.00
ROCKVIEW_13_KV_LD 356306	24.04 1.26 0.00	22.09 1.20 0.00	19.62 0.98 0.00	16.80 0.87 0.00	18.29 1.01 0.00	25.89 1.41 0.00	35.30 2.01 0.00	46.06 2.71 0.00	35.41 2.21 0.00	35.85 2.19 0.00	29.74 1.86 0.00	28.17 1.71 0.00	26.15 1.66 0.00	28.07 1.81 0.00	24.93 1.68 0.00	26.16 1.85 0.00	31.71 2.26 0.00	32.72 2.27 0.00	41.93 2.94 0.00	37.99 2.73 0.00	29.04 2.01 0.00	24.23 1.67 0.00	22.32 1.34 0.00	21.53 1.08 0.00
ROME____115KV_TB2 80656	23.30 0.53 0.00	21.34 0.45 0.00	19.06 0.42 0.00	16.30 0.37 0.00	17.65 0.37 0.00	25.12 0.64 0.00	34.44 1.16 0.00	44.95 1.60 0.00	34.26 1.06 0.00	34.71 1.05 0.00	28.61 0.73 0.00	27.12 0.66 0.00	25.09 0.60 0.00	26.83 0.57 0.00	23.74 0.49 0.00	24.90 0.59 0.00	30.35 0.89 0.00	31.57 1.12 0.00	40.63 1.63 0.00	36.68 1.43 0.00	27.98 0.96 0.00	23.26 0.71 0.00	21.66 0.69 0.00	21.18 0.73 0.00
ROSETON___1 23587	23.83 1.05 0.00	21.90 1.01 0.00	19.47 0.83 0.00	16.67 0.74 0.00	18.15 0.87 0.00	25.67 1.19 0.00	34.96 1.68 0.00	45.63 2.28 0.00	35.08 1.88 0.00	35.50 1.84 0.00	29.42 1.53 0.00	27.83 1.38 0.00	25.82 1.33 0.00	27.73 1.47 0.00	24.62 1.37 0.00	25.83 1.52 0.00	31.31 1.86 0.00	32.35 1.90 0.00	41.52 2.53 0.00	37.59 2.33 0.00	28.73 1.71 0.00	23.98 1.43 0.00	22.10 1.13 0.00	21.33 0.88 0.00
ROSETON___2 23588	23.83 1.05 0.00	21.90 1.01 0.00	19.47 0.83 0.00	16.67 0.74 0.00	18.15 0.87 0.00	25.67 1.19 0.00	34.96 1.68 0.00	45.63 2.28 0.00	35.08 1.88 0.00	35.50 1.84 0.00	29.42 1.53 0.00	27.83 1.38 0.00	25.82 1.33 0.00	27.73 1.47 0.00	24.62 1.37 0.00	25.83 1.52 0.00	31.31 1.86 0.00	32.35 1.90 0.00	41.52 2.53 0.00	37.59 2.33 0.00	28.73 1.71 0.00	23.98 1.43 0.00	22.10 1.13 0.00	21.33 0.88 0.00
ROTTTRDAM_115KV_TB3 80664	23.49 0.71 0.00	21.57 0.68 0.00	19.23 0.59 0.00	16.45 0.52 0.00	17.89 0.61 0.00	25.31 0.83 0.00	34.49 1.20 0.00	45.03 1.68 0.00	34.52 1.32 0.00	34.98 1.32 0.00	28.92 1.03 0.00	27.34 0.88 0.00	25.28 0.79 0.00	27.16 0.90 0.00	24.08 0.83 0.00	25.20 0.89 0.00	30.56 1.11 0.00	31.70 1.25 0.00	40.72 1.73 0.00	36.80 1.54 0.00	28.15 1.13 0.00	23.50 0.95 0.00	21.74 0.76 0.00	21.06 0.61 0.00
RUSSELL___1 23602	22.58 -0.19 0.00	20.60 -0.29 0.00	18.36 -0.28 0.00	15.70 -0.23 0.00	17.02 -0.26 0.00	24.32 -0.16 0.00	33.08 -0.21 0.00	43.23 -0.12 0.00	33.15 -0.05 0.00	33.63 -0.03 0.00	27.89 0.00 0.00	26.43 -0.03 0.00	24.43 -0.06 0.00	26.17 -0.09 0.00	23.18 -0.07 0.00	24.22 -0.09 0.00	29.27 -0.18 0.00	30.42 -0.03 0.00	39.03 0.04 0.00	35.39 0.14 0.00	27.03 0.01 0.00	22.62 0.07 0.00	21.07 0.10 0.00	20.65 0.19 0.00

RUSSELL___2 23532	22.58 -0.19 0.00	20.60 -0.29 0.00	18.36 -0.28 0.00	15.70 -0.23 0.00	17.02 -0.26 0.00	24.32 -0.16 0.00	33.08 -0.21 0.00	43.23 -0.12 0.00	33.15 -0.05 0.00	33.63 -0.03 0.00	27.89 0.00 0.00	26.43 -0.03 0.00	24.43 -0.06 0.00	26.17 -0.09 0.00	23.18 -0.07 0.00	24.22 -0.09 0.00	29.27 -0.18 0.00	30.42 -0.03 0.00	39.03 0.04 0.00	35.39 0.14 0.00	27.03 0.01 0.00	22.62 0.07 0.00	21.07 0.10 0.00	20.65 0.19 0.00
RUSSELL___3 23549	22.58 -0.19 0.00	20.60 -0.29 0.00	18.36 -0.28 0.00	15.70 -0.23 0.00	17.02 -0.26 0.00	24.32 -0.16 0.00	33.08 -0.21 0.00	43.23 -0.12 0.00	33.15 -0.05 0.00	33.63 -0.03 0.00	27.89 0.00 0.00	26.43 -0.03 0.00	24.43 -0.06 0.00	26.17 -0.09 0.00	23.18 -0.07 0.00	24.22 -0.09 0.00	29.27 -0.18 0.00	30.42 -0.03 0.00	39.03 0.04 0.00	35.39 0.14 0.00	27.03 0.01 0.00	22.62 0.07 0.00	21.07 0.10 0.00	20.65 0.19 0.00
RUSSELL___4 23556	22.58 -0.19 0.00	20.60 -0.29 0.00	18.36 -0.28 0.00	15.70 -0.23 0.00	17.02 -0.26 0.00	24.32 -0.16 0.00	33.08 -0.21 0.00	43.23 -0.12 0.00	33.15 -0.05 0.00	33.63 -0.03 0.00	27.89 0.00 0.00	26.43 -0.03 0.00	24.43 -0.06 0.00	26.17 -0.09 0.00	23.18 -0.07 0.00	24.22 -0.09 0.00	29.27 -0.18 0.00	30.42 -0.03 0.00	39.03 0.04 0.00	35.39 0.14 0.00	27.03 0.01 0.00	22.62 0.07 0.00	21.07 0.10 0.00	20.65 0.19 0.00
RUSSELL___STATION 23914	22.58 -0.19 0.00	20.60 -0.29 0.00	18.36 -0.28 0.00	15.70 -0.23 0.00	17.02 -0.26 0.00	24.32 -0.16 0.00	33.08 -0.21 0.00	43.23 -0.12 0.00	33.15 -0.05 0.00	33.63 -0.03 0.00	27.89 0.00 0.00	26.43 -0.03 0.00	24.43 -0.06 0.00	26.17 -0.09 0.00	23.18 -0.07 0.00	24.22 -0.09 0.00	29.27 -0.18 0.00	30.42 -0.03 0.00	39.03 0.04 0.00	35.39 0.14 0.00	27.03 0.01 0.00	22.62 0.07 0.00	21.07 0.10 0.00	20.65 0.19 0.00
S SALMON___HYD 24043	22.35 -0.42 0.00	20.43 -0.47 0.00	18.27 -0.37 0.00	15.60 -0.33 0.00	16.88 -0.39 0.00	23.95 -0.52 0.00	32.86 -0.42 0.00	42.72 -0.63 0.00	32.74 -0.46 0.00	33.13 -0.52 0.00	27.26 -0.63 0.00	25.88 -0.58 0.00	23.96 -0.53 0.00	25.68 -0.58 0.00	22.64 -0.61 0.00	23.68 -0.63 0.00	28.85 -0.60 0.00	30.01 -0.44 0.00	38.70 -0.29 0.00	34.99 -0.26 0.00	26.72 -0.30 0.00	22.19 -0.36 0.00	20.61 -0.36 0.00	20.32 -0.13 0.00
S.PERRY___115KV_TB1 80734	23.16 0.38 0.00	21.12 0.23 0.00	18.73 0.10 0.00	15.96 0.03 0.00	17.35 0.07 0.00	24.87 0.39 0.00	33.89 0.60 0.00	44.42 1.07 0.00	34.00 0.80 0.00	34.63 0.98 0.00	28.71 0.82 0.00	27.11 0.65 0.00	24.99 0.49 0.00	26.69 0.43 0.00	23.65 0.40 0.00	24.85 0.53 0.00	30.13 0.68 0.00	31.43 0.98 0.00	40.48 1.49 0.00	36.74 1.49 0.00	28.06 1.03 0.00	23.44 0.89 0.00	21.80 0.83 0.00	21.31 0.86 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.17 -0.60 0.00	20.18 -0.72 0.00	17.96 -0.67 0.00	15.40 -0.53 0.00	16.68 -0.60 0.00	23.95 -0.52 0.00	32.29 -0.99 0.00	42.05 -1.30 0.00	32.26 -0.93 0.00	33.08 -0.58 0.00	27.47 -0.41 0.00	26.02 -0.44 0.00	24.03 -0.46 0.00	25.73 -0.53 0.00	22.80 -0.46 0.00	23.76 -0.55 0.00	28.67 -0.78 0.00	29.84 -0.62 0.00	38.26 -0.74 0.00	34.73 -0.52 0.00	26.54 -0.48 0.00	22.35 -0.20 0.00	20.96 -0.01 0.00	20.56 0.11 0.00
SAWYER___23_KV_LOAD 55526	22.17 -0.60 0.00	20.18 -0.72 0.00	17.96 -0.67 0.00	15.40 -0.53 0.00	16.68 -0.60 0.00	23.95 -0.52 0.00	32.29 -0.99 0.00	42.05 -1.30 0.00	32.26 -0.93 0.00	33.08 -0.58 0.00	27.47 -0.41 0.00	26.02 -0.44 0.00	24.03 -0.46 0.00	25.73 -0.53 0.00	22.80 -0.46 0.00	23.76 -0.55 0.00	28.67 -0.78 0.00	29.84 -0.62 0.00	38.26 -0.74 0.00	34.73 -0.52 0.00	26.54 -0.48 0.00	22.35 -0.20 0.00	20.96 -0.01 0.00	20.56 0.11 0.00
SELKIRK___I 23801	23.25 0.48 0.00	21.37 0.47 0.00	19.05 0.41 0.00	16.29 0.37 0.00	17.73 0.45 0.00	25.05 0.57 0.00	34.12 0.83 0.00	44.51 1.16 0.00	34.13 0.93 0.00	34.55 0.89 0.00	28.58 0.69 0.00	27.01 0.56 0.00	25.01 0.52 0.00	26.88 0.61 0.00	23.85 0.60 0.00	25.03 0.72 0.00	30.36 0.90 0.00	31.49 1.03 0.00	40.45 1.46 0.00	36.51 1.26 0.00	27.94 0.92 0.00	23.35 0.79 0.00	21.57 0.59 0.00	20.88 0.43 0.00
SELKIRK___II 23799	23.21 0.44 0.00	21.33 0.43 0.00	19.01 0.37 0.00	16.26 0.33 0.00	17.70 0.42 0.00	25.00 0.53 0.00	34.06 0.77 0.00	44.45 1.10 0.00	34.07 0.87 0.00	34.50 0.84 0.00	28.52 0.63 0.00	26.95 0.49 0.00	24.95 0.46 0.00	26.81 0.54 0.00	23.79 0.54 0.00	24.92 0.61 0.00	30.21 0.76 0.00	31.32 0.87 0.00	40.24 1.24 0.00	36.34 1.09 0.00	27.81 0.78 0.00	23.23 0.67 0.00	21.45 0.48 0.00	20.76 0.31 0.00
SENECA OSWGO___HYD 24041	22.48 -0.29 0.00	20.58 -0.31 0.00	18.33 -0.30 0.00	15.65 -0.28 0.00	16.96 -0.32 0.00	24.08 -0.39 0.00	32.83 -0.46 0.00	42.71 -0.65 0.00	32.67 -0.53 0.00	33.11 -0.55 0.00	27.41 -0.47 0.00	25.99 -0.47 0.00	24.04 -0.45 0.00	25.71 -0.55 0.00	22.71 -0.54 0.00	23.74 -0.57 0.00	28.82 -0.63 0.00	29.87 -0.58 0.00	38.31 -0.68 0.00	34.65 -0.61 0.00	26.54 -0.48 0.00	22.14 -0.41 0.00	20.62 -0.35 0.00	20.27 -0.18 0.00
SENECA___115KV_TB3 355854	22.45 -0.32 0.00	20.42 -0.47 0.00	18.16 -0.47 0.00	15.57 -0.36 0.00	16.88 -0.40 0.00	24.25 -0.23 0.00	32.75 -0.53 0.00	42.75 -0.60 0.00	32.77 -0.42 0.00	33.61 -0.05 0.00	27.92 0.04 0.00	26.41 -0.05 0.00	24.40 -0.09 0.00	26.13 -0.13 0.00	23.14 -0.11 0.00	24.15 -0.16 0.00	29.15 -0.30 0.00	30.34 -0.11 0.00	38.90 -0.09 0.00	35.32 0.07 0.00	26.99 -0.03 0.00	22.69 0.14 0.00	21.26 0.28 0.00	20.83 0.37 0.00
SENECA___ENERGY 23797	22.54 -0.23 0.00	20.61 -0.28 0.00	18.33 -0.30 0.00	15.65 -0.27 0.00	17.00 -0.28 0.00	24.22 -0.26 0.00	33.09 -0.20 0.00	43.92 0.57 0.00	33.51 0.31 0.00	34.01 0.35 0.00	28.22 0.33 0.00	26.72 0.26 0.00	24.65 0.15 0.00	26.38 0.11 0.00	23.37 0.11 0.00	24.54 0.23 0.00	29.76 0.32 0.00	30.95 0.49 0.00	39.72 0.72 0.00	35.99 0.74 0.00	27.50 0.48 0.00	22.89 0.34 0.00	21.29 0.31 0.00	20.88 0.42 0.00
SHOEMAKER___GT 23640	23.75 0.98 0.00	21.82 0.92 0.00	19.40 0.77 0.00	16.60 0.68 0.00	18.08 0.80 0.00	25.60 1.12 0.00	34.89 1.60 0.00	45.50 2.15 0.00	34.93 1.73 0.00	35.32 1.66 0.00	29.28 1.39 0.00	27.73 1.27 0.00	25.74 1.25 0.00	27.57 1.31 0.00	24.43 1.18 0.00	25.62 1.31 0.00	31.09 1.65 0.00	32.16 1.70 0.00	41.28 2.29 0.00	37.36 2.11 0.00	28.57 1.55 0.00	23.84 1.29 0.00	21.99 1.01 0.00	21.28 0.83 0.00
SHOEMAKR_138KV_BK 111 55601	23.75 0.98 0.00	21.81 0.92 0.00	19.40 0.76 0.00	16.60 0.68 0.00	18.07 0.79 0.00	25.59 1.12 0.00	34.88 1.59 0.00	45.50 2.15 0.00	34.91 1.71 0.00	35.30 1.64 0.00	29.26 1.38 0.00	27.72 1.26 0.00	25.72 1.23 0.00	27.57 1.31 0.00	24.44 1.18 0.00	25.62 1.31 0.00	31.09 1.64 0.00	32.15 1.70 0.00	41.26 2.27 0.00	37.34 2.09 0.00	28.56 1.54 0.00	23.82 1.27 0.00	21.98 1.01 0.00	21.28 0.82 0.00

SHOREHAM_IC_1 23715	24.43 1.66 0.00	22.36 1.47 0.00	19.89 1.26 0.00	17.07 1.14 0.00	18.56 1.29 0.00	26.24 1.76 0.00	35.57 2.28 0.00	46.09 2.74 0.00	35.86 2.67 0.00	36.21 2.55 0.00	30.18 2.30 0.00	28.70 2.25 0.00	26.74 2.25 0.00	28.59 2.33 0.00	25.53 2.27 0.00	26.85 2.54 0.00	32.62 3.17 0.00	33.60 3.15 0.00	42.63 3.64 0.00	38.75 3.50 0.00	29.61 2.59 0.00	24.87 2.31 0.00	19.64 1.74 3.07	21.82 1.37 0.00
SHOREHAM_IC_2 23716	24.43 1.66 0.00	22.36 1.47 0.00	19.89 1.26 0.00	17.07 1.14 0.00	18.56 1.29 0.00	26.24 1.76 0.00	35.57 2.28 0.00	46.09 2.74 0.00	35.86 2.67 0.00	36.21 2.55 0.00	30.18 2.30 0.00	28.70 2.25 0.00	26.74 2.25 0.00	28.59 2.33 0.00	25.53 2.27 0.00	26.85 2.54 0.00	32.62 3.17 0.00	33.60 3.15 0.00	42.63 3.64 0.00	38.75 3.50 0.00	29.61 2.59 0.00	24.87 2.31 0.00	19.64 1.74 3.07	21.82 1.37 0.00
SISSONVILLE____ 23735	22.64 -0.13 0.00	20.77 -0.12 0.00	18.61 -0.03 0.00	15.90 -0.03 0.00	17.21 -0.07 0.00	24.40 -0.07 0.00	33.23 -0.06 0.00	43.32 -0.03 0.00	33.15 -0.05 0.00	33.75 0.09 0.00	27.79 -0.10 0.00	26.40 -0.06 0.00	24.37 -0.12 0.00	26.15 -0.11 0.00	23.16 -0.09 0.00	24.15 -0.16 0.00	29.33 -0.12 0.00	30.35 -0.10 0.00	38.87 -0.12 0.00	35.07 -0.19 0.00	26.87 -0.15 0.00	22.33 -0.22 0.00	20.80 -0.17 0.00	20.25 -0.21 0.00
SITHE_IND_GS1 24169	22.20 -0.57 0.00	20.34 -0.56 0.00	18.13 -0.51 0.00	15.47 -0.45 0.00	16.76 -0.51 0.00	23.78 -0.69 0.00	32.38 -0.91 0.00	42.10 -1.25 0.00	32.21 -0.99 0.00	32.64 -1.02 0.00	27.03 -0.86 0.00	25.64 -0.82 0.00	23.73 -0.77 0.00	25.40 -0.87 0.00	22.43 -0.82 0.00	23.46 -0.85 0.00	28.40 -1.05 0.00	29.42 -1.04 0.00	37.69 -1.31 0.00	34.09 -1.16 0.00	26.12 -0.90 0.00	21.79 -0.76 0.00	20.31 -0.66 0.00	20.02 -0.44 0.00
SITHE_IND_GS2 24170	22.20 -0.57 0.00	20.34 -0.56 0.00	18.13 -0.51 0.00	15.47 -0.45 0.00	16.76 -0.51 0.00	23.78 -0.69 0.00	32.38 -0.91 0.00	42.10 -1.25 0.00	32.21 -0.99 0.00	32.64 -1.02 0.00	27.03 -0.86 0.00	25.64 -0.82 0.00	23.73 -0.77 0.00	25.40 -0.87 0.00	22.43 -0.82 0.00	23.46 -0.85 0.00	28.40 -1.05 0.00	29.42 -1.04 0.00	37.69 -1.31 0.00	34.09 -1.16 0.00	26.12 -0.90 0.00	21.79 -0.76 0.00	20.31 -0.66 0.00	20.02 -0.44 0.00
SITHE_IND_GS3 24171	22.20 -0.57 0.00	20.34 -0.56 0.00	18.13 -0.51 0.00	15.47 -0.45 0.00	16.76 -0.51 0.00	23.78 -0.69 0.00	32.38 -0.91 0.00	42.10 -1.25 0.00	32.21 -0.99 0.00	32.64 -1.02 0.00	27.03 -0.86 0.00	25.64 -0.82 0.00	23.73 -0.77 0.00	25.40 -0.87 0.00	22.43 -0.82 0.00	23.46 -0.85 0.00	28.40 -1.05 0.00	29.42 -1.04 0.00	37.69 -1.31 0.00	34.09 -1.16 0.00	26.12 -0.90 0.00	21.79 -0.76 0.00	20.31 -0.66 0.00	20.02 -0.44 0.00
SITHE_IND_GS4 24172	22.20 -0.57 0.00	20.34 -0.56 0.00	18.13 -0.51 0.00	15.47 -0.45 0.00	16.76 -0.51 0.00	23.78 -0.69 0.00	32.38 -0.91 0.00	42.10 -1.25 0.00	32.21 -0.99 0.00	32.64 -1.02 0.00	27.03 -0.86 0.00	25.64 -0.82 0.00	23.73 -0.77 0.00	25.40 -0.87 0.00	22.43 -0.82 0.00	23.46 -0.85 0.00	28.40 -1.05 0.00	29.42 -1.04 0.00	37.69 -1.31 0.00	34.09 -1.16 0.00	26.12 -0.90 0.00	21.79 -0.76 0.00	20.31 -0.66 0.00	20.02 -0.44 0.00
SITHE____BATAVIA 24024	22.71 -0.06 0.00	20.66 -0.23 0.00	18.41 -0.23 0.00	15.78 -0.15 0.00	17.11 -0.18 0.00	24.56 0.09 0.00	33.27 -0.01 0.00	43.42 0.07 0.00	33.21 0.01 0.00	33.85 0.19 0.00	28.03 0.14 0.00	26.54 0.08 0.00	24.54 0.05 0.00	26.26 -0.01 0.00	23.33 0.08 0.00	24.40 0.09 0.00	29.39 -0.06 0.00	30.63 0.18 0.00	39.29 0.30 0.00	35.66 0.40 0.00	27.23 0.21 0.00	22.82 0.27 0.00	21.38 0.41 0.00	20.94 0.49 0.00
SITHE____INDEPEND 23800	22.20 -0.57 0.00	20.33 -0.56 0.00	18.13 -0.51 0.00	15.47 -0.45 0.00	16.76 -0.52 0.00	23.78 -0.70 0.00	32.37 -0.91 0.00	42.10 -1.25 0.00	32.21 -0.99 0.00	32.64 -1.02 0.00	27.03 -0.86 0.00	25.64 -0.82 0.00	23.73 -0.77 0.00	25.40 -0.86 0.00	22.43 -0.82 0.00	23.46 -0.86 0.00	28.40 -1.05 0.00	29.42 -1.04 0.00	37.69 -1.31 0.00	34.09 -1.16 0.00	26.12 -0.90 0.00	21.80 -0.76 0.00	20.31 -0.66 0.00	20.01 -0.44 0.00
SITHE____MASSENA 23902	22.75 -0.02 0.00	20.88 -0.01 0.00	18.67 0.04 0.00	15.96 0.04 0.00	17.29 0.01 0.00	24.49 0.01 0.00	33.24 -0.05 0.00	43.28 -0.07 0.00	33.12 -0.08 0.00	33.70 0.04 0.00	27.84 -0.04 0.00	26.46 0.00 0.00	24.43 -0.06 0.00	26.22 -0.04 0.00	23.23 -0.02 0.00	24.23 -0.08 0.00	29.35 -0.10 0.00	30.30 -0.15 0.00	38.72 -0.28 0.00	34.96 -0.29 0.00	26.84 -0.18 0.00	22.38 -0.17 0.00	20.88 -0.09 0.00	20.31 -0.15 0.00
SITHE____OGDNSBRG 24021	22.94 0.17 0.00	21.05 0.16 0.00	18.83 0.20 0.00	16.09 0.17 0.00	17.43 0.15 0.00	24.75 0.27 0.00	33.69 0.40 0.00	43.93 0.58 0.00	33.59 0.39 0.00	34.22 0.56 0.00	28.19 0.30 0.00	26.76 0.30 0.00	24.63 0.13 0.00	26.38 0.11 0.00	23.38 0.12 0.00	24.42 0.11 0.00	29.60 0.15 0.00	30.67 0.22 0.00	39.30 0.30 0.00	35.51 0.26 0.00	27.23 0.20 0.00	22.65 0.10 0.00	21.11 0.14 0.00	20.51 0.06 0.00
SITHE____STERLING 23777	23.19 0.41 0.00	21.25 0.35 0.00	18.96 0.32 0.00	16.20 0.27 0.00	17.56 0.28 0.00	24.97 0.49 0.00	34.17 0.89 0.00	44.65 1.30 0.00	34.04 0.85 0.00	34.50 0.84 0.00	28.49 0.61 0.00	27.02 0.57 0.00	24.97 0.48 0.00	26.70 0.44 0.00	23.63 0.38 0.00	24.81 0.49 0.00	30.18 0.73 0.00	31.35 0.90 0.00	40.27 1.27 0.00	36.38 1.13 0.00	27.79 0.77 0.00	23.13 0.58 0.00	21.54 0.56 0.00	21.04 0.59 0.00
SLEIGHT__34_KV_TB1 80719	22.96 0.19 0.00	20.98 0.09 0.00	18.70 0.07 0.00	15.98 0.05 0.00	17.36 0.07 0.00	24.75 0.27 0.00	33.92 0.64 0.00	45.07 1.72 0.00	34.27 1.07 0.00	34.84 1.18 0.00	28.85 0.96 0.00	27.30 0.85 0.00	25.15 0.66 0.00	26.89 0.63 0.00	23.82 0.57 0.00	24.99 0.68 0.00	30.36 0.91 0.00	31.57 1.12 0.00	40.57 1.57 0.00	36.77 1.52 0.00	28.05 1.03 0.00	23.32 0.77 0.00	21.74 0.77 0.00	21.28 0.82 0.00
SOUTH CAIRO____GT 23612	23.97 1.20 0.00	22.02 1.13 0.00	19.64 1.00 0.00	16.81 0.88 0.00	18.33 1.05 0.00	25.94 1.47 0.00	35.52 2.23 0.00	46.75 3.40 0.00	37.13 3.94 0.00	37.46 3.81 0.00	30.62 2.73 0.00	28.61 2.15 0.00	26.17 1.68 0.00	27.89 1.63 0.00	24.76 1.51 0.00	25.48 1.16 0.00	31.05 1.60 0.00	32.36 1.91 0.00	41.74 2.75 0.00	37.66 2.41 0.00	28.79 1.77 0.00	24.00 1.45 0.00	22.06 1.09 0.00	21.28 0.83 0.00
SOUTH HAMPTN____IC 23720	24.64 1.87 0.00	22.56 1.66 0.00	20.06 1.42 0.00	17.22 1.29 0.00	18.73 1.45 0.00	26.49 2.01 0.00	35.93 2.65 0.00	46.58 3.23 0.00	36.33 3.13 0.00	36.67 3.01 0.00	30.58 2.70 0.00	29.10 2.64 0.00	27.24 2.75 0.00	29.17 2.91 0.00	26.04 2.79 0.00	27.43 3.12 0.00	33.34 3.89 0.00	34.36 3.90 0.00	43.57 4.57 0.00	39.60 4.35 0.00	30.25 3.22 0.00	25.37 2.82 0.00	19.95 2.08 3.11	22.12 1.67 0.00

SOUTHDOWN_115KV_TB1 355954	22.98 0.21 0.00	20.88 -0.01 0.00	18.66 0.03 0.00	16.02 0.10 0.00	17.44 0.16 0.00	25.16 0.68 0.00	34.28 0.99 0.00	44.87 1.52 0.00	34.28 1.08 0.00	35.12 1.46 0.00	29.19 1.30 0.00	27.55 1.09 0.00	25.46 0.96 0.00	27.36 1.10 0.00	24.18 0.92 0.00	25.31 1.00 0.00	30.60 1.15 0.00	31.81 1.36 0.00	40.87 1.88 0.00	37.09 1.84 0.00	28.32 1.29 0.00	23.69 1.13 0.00	22.11 1.13 0.00	21.56 1.11 0.00
SOUTHOLD_69_KV_BK 2 55809	24.95 2.18 0.00	22.84 1.94 0.00	20.31 1.67 0.00	17.43 1.50 0.00	18.96 1.68 0.00	26.84 2.36 0.00	36.46 3.18 0.00	47.35 4.00 0.00	36.94 3.74 0.00	37.25 3.59 0.00	31.07 3.18 0.00	29.57 3.11 0.00	27.56 3.07 0.00	29.50 3.24 0.00	26.35 3.09 0.00	27.75 3.44 0.00	33.75 4.30 0.00	34.82 4.37 0.00	44.19 5.20 0.00	40.18 4.93 0.00	30.67 3.65 0.00	25.66 3.11 0.00	20.23 2.36 3.11	22.35 1.90 0.00
SOUTHOLD___IC 23719	24.95 2.18 0.00	22.83 1.94 0.00	20.31 1.67 0.00	17.43 1.50 0.00	18.96 1.68 0.00	26.84 2.36 0.00	36.46 3.18 0.00	47.29 3.94 0.00	36.95 3.75 0.00	37.27 3.61 0.00	31.08 3.19 0.00	29.56 3.11 0.00	27.56 3.07 0.00	29.50 3.24 0.00	26.34 3.09 0.00	27.75 3.44 0.00	33.75 4.30 0.00	34.82 4.36 0.00	44.20 5.21 0.00	40.18 4.93 0.00	30.67 3.65 0.00	25.71 3.16 0.00	20.19 2.33 3.11	22.35 1.90 0.00
SPIERFLS_115KV_TB 1 80737	23.63 0.85 0.00	21.72 0.82 0.00	19.34 0.70 0.00	16.54 0.62 0.00	18.05 0.77 0.00	25.62 1.14 0.00	34.89 1.60 0.00	45.65 2.30 0.00	35.15 1.95 0.00	35.72 2.06 0.00	29.50 1.62 0.00	27.81 1.35 0.00	25.57 1.08 0.00	27.55 1.29 0.00	24.43 1.17 0.00	25.54 1.22 0.00	30.98 1.53 0.00	32.28 1.83 0.00	41.63 2.64 0.00	37.61 2.36 0.00	28.74 1.72 0.00	23.92 1.36 0.00	22.02 1.05 0.00	21.24 0.79 0.00
ST LAWRENCE____ 23600	22.46 -0.31 0.00	20.62 -0.27 0.00	18.43 -0.20 0.00	15.76 -0.17 0.00	17.06 -0.22 0.00	24.15 -0.32 0.00	32.76 -0.53 0.00	42.66 -0.69 0.00	32.68 -0.52 0.00	33.24 -0.42 0.00	27.54 -0.35 0.00	26.18 -0.28 0.00	24.18 -0.31 0.00	25.95 -0.31 0.00	22.99 -0.26 0.00	23.97 -0.34 0.00	29.02 -0.43 0.00	29.94 -0.52 0.00	38.21 -0.78 0.00	34.53 -0.73 0.00	26.52 -0.50 0.00	22.14 -0.41 0.00	20.65 -0.33 0.00	20.08 -0.38 0.00
STATE_CA_115KV_115_LB 55624	23.16 0.39 0.00	21.29 0.40 0.00	18.97 0.33 0.00	16.23 0.30 0.00	17.66 0.39 0.00	24.96 0.48 0.00	34.02 0.73 0.00	44.44 1.09 0.00	34.11 0.91 0.00	34.54 0.88 0.00	28.52 0.63 0.00	26.95 0.49 0.00	24.93 0.43 0.00	26.80 0.54 0.00	23.79 0.54 0.00	24.91 0.60 0.00	30.21 0.77 0.00	31.34 0.88 0.00	40.28 1.28 0.00	36.36 1.11 0.00	27.80 0.78 0.00	23.21 0.66 0.00	21.43 0.46 0.00	20.71 0.26 0.00
STATE_ST_34_KV_LOAD 55959	22.85 0.08 0.00	20.90 0.01 0.00	18.65 0.01 0.00	15.94 0.01 0.00	17.32 0.04 0.00	24.62 0.14 0.00	33.65 0.37 0.00	44.93 1.58 0.00	34.27 1.07 0.00	34.86 1.20 0.00	28.91 1.03 0.00	27.41 0.95 0.00	25.20 0.71 0.00	26.95 0.68 0.00	23.87 0.62 0.00	25.08 0.76 0.00	30.49 1.04 0.00	31.75 1.30 0.00	40.75 1.75 0.00	36.95 1.70 0.00	28.18 1.16 0.00	23.37 0.82 0.00	21.64 0.67 0.00	21.26 0.81 0.00
STATION 5_MISC_HYD 23604	22.50 -0.27 0.00	20.54 -0.35 0.00	18.29 -0.34 0.00	15.65 -0.28 0.00	16.96 -0.32 0.00	24.23 -0.24 0.00	32.95 -0.34 0.00	43.06 -0.29 0.00	32.99 -0.20 0.00	33.46 -0.20 0.00	27.76 -0.12 0.00	26.31 -0.14 0.00	24.32 -0.18 0.00	26.05 -0.21 0.00	23.07 -0.18 0.00	24.12 -0.19 0.00	29.12 -0.33 0.00	30.26 -0.19 0.00	38.82 -0.18 0.00	35.20 -0.05 0.00	26.89 -0.13 0.00	22.48 -0.07 0.00	20.98 0.01 0.00	20.56 0.11 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.68 -0.10 0.00	20.71 -0.18 0.00	18.43 -0.20 0.00	15.76 -0.17 0.00	17.10 -0.18 0.00	24.41 -0.07 0.00	33.28 -0.01 0.00	43.74 0.39 0.00	33.45 0.25 0.00	33.94 0.28 0.00	28.13 0.24 0.00	26.63 0.17 0.00	24.60 0.11 0.00	26.36 0.09 0.00	23.35 0.10 0.00	24.44 0.13 0.00	29.59 0.14 0.00	30.76 0.30 0.00	39.46 0.46 0.00	35.75 0.50 0.00	27.31 0.28 0.00	22.81 0.26 0.00	21.25 0.27 0.00	20.80 0.35 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.38 -0.39 0.00	20.43 -0.46 0.00	18.20 -0.44 0.00	15.56 -0.36 0.00	16.87 -0.41 0.00	24.09 -0.38 0.00	32.78 -0.51 0.00	42.85 -0.50 0.00	32.84 -0.36 0.00	33.31 -0.35 0.00	27.62 -0.27 0.00	26.18 -0.28 0.00	24.20 -0.29 0.00	25.93 -0.34 0.00	22.96 -0.29 0.00	23.99 -0.33 0.00	28.99 -0.46 0.00	30.13 -0.33 0.00	38.64 -0.35 0.00	35.03 -0.23 0.00	26.76 -0.27 0.00	22.39 -0.16 0.00	20.86 -0.11 0.00	20.44 -0.01 0.00
STA_56___34_KV_BUS2 355983	22.38 -0.39 0.00	20.43 -0.46 0.00	18.20 -0.44 0.00	15.56 -0.36 0.00	16.87 -0.41 0.00	24.09 -0.38 0.00	32.78 -0.51 0.00	42.85 -0.50 0.00	32.84 -0.36 0.00	33.31 -0.35 0.00	27.62 -0.27 0.00	26.18 -0.28 0.00	24.20 -0.29 0.00	25.93 -0.34 0.00	22.96 -0.29 0.00	23.99 -0.33 0.00	28.99 -0.46 0.00	30.13 -0.33 0.00	38.64 -0.35 0.00	35.03 -0.23 0.00	26.76 -0.27 0.00	22.39 -0.16 0.00	20.86 -0.11 0.00	20.44 -0.01 0.00
STA_67___115KV_BK2 355882	22.46 -0.31 0.00	20.50 -0.39 0.00	18.27 -0.37 0.00	15.62 -0.31 0.00	16.93 -0.35 0.00	24.19 -0.29 0.00	32.88 -0.41 0.00	42.96 -0.39 0.00	32.93 -0.27 0.00	33.41 -0.25 0.00	27.70 -0.19 0.00	26.26 -0.20 0.00	24.27 -0.23 0.00	26.00 -0.27 0.00	23.02 -0.23 0.00	24.05 -0.27 0.00	29.05 -0.40 0.00	30.19 -0.26 0.00	38.73 -0.27 0.00	35.11 -0.14 0.00	26.83 -0.19 0.00	22.47 -0.09 0.00	20.95 -0.03 0.00	20.52 0.07 0.00
STA_7___115KV_9TRANS 80674	22.58 -0.19 0.00	20.60 -0.29 0.00	18.36 -0.28 0.00	15.70 -0.23 0.00	17.02 -0.26 0.00	24.32 -0.16 0.00	33.08 -0.21 0.00	43.23 -0.12 0.00	33.15 -0.05 0.00	33.63 -0.03 0.00	27.89 0.00 0.00	26.43 -0.03 0.00	24.43 -0.06 0.00	26.17 -0.09 0.00	23.18 -0.07 0.00	24.22 -0.09 0.00	29.27 -0.18 0.00	30.42 -0.03 0.00	39.03 0.04 0.00	35.39 0.14 0.00	27.03 0.01 0.00	22.62 0.07 0.00	21.07 0.10 0.00	20.65 0.19 0.00
STA_82___115KV_TB1 80780	22.47 -0.30 0.00	20.52 -0.38 0.00	18.27 -0.36 0.00	15.63 -0.30 0.00	16.94 -0.34 0.00	24.20 -0.28 0.00	32.89 -0.39 0.00	42.98 -0.37 0.00	32.95 -0.24 0.00	33.44 -0.22 0.00	27.72 -0.17 0.00	26.28 -0.18 0.00	24.29 -0.20 0.00	26.02 -0.25 0.00	23.04 -0.21 0.00	24.06 -0.25 0.00	29.08 -0.37 0.00	30.22 -0.23 0.00	38.76 -0.23 0.00	35.15 -0.11 0.00	26.85 -0.17 0.00	22.49 -0.07 0.00	20.96 -0.02 0.00	20.54 0.09 0.00
STEEL___WIND 323596	22.43 -0.34 0.00	20.41 -0.49 0.00	18.14 -0.49 0.00	15.54 -0.39 0.00	16.86 -0.42 0.00	24.24 -0.24 0.00	32.74 -0.54 0.00	42.75 -0.60 0.00	32.72 -0.48 0.00	33.55 -0.12 0.00	27.88 0.00 0.00	26.37 -0.09 0.00	24.36 -0.13 0.00	26.07 -0.19 0.00	23.10 -0.15 0.00	24.14 -0.17 0.00	29.10 -0.35 0.00	30.27 -0.18 0.00	38.86 -0.14 0.00	35.28 0.02 0.00	26.96 -0.06 0.00	22.62 0.07 0.00	21.24 0.26 0.00	20.81 0.36 0.00

STEPHTWN_115KV_BK_2 55603	23.35 0.58 0.00	21.44 0.55 0.00	19.08 0.45 0.00	16.31 0.38 0.00	17.79 0.51 0.00	25.21 0.74 0.00	34.41 1.12 0.00	44.87 1.52 0.00	34.39 1.19 0.00	34.85 1.19 0.00	28.78 0.90 0.00	27.15 0.69 0.00	25.11 0.61 0.00	26.99 0.72 0.00	23.97 0.72 0.00	25.06 0.75 0.00	30.38 0.93 0.00	31.52 1.06 0.00	40.62 1.63 0.00	36.62 1.37 0.00	27.96 0.94 0.00	23.35 0.80 0.00	21.56 0.59 0.00	20.86 0.41 0.00
STEUBEN_REC_LFGE 323667	22.81 0.04 0.00	20.89 0.00 0.00	18.36 -0.28 0.00	15.58 -0.35 0.00	17.04 -0.24 0.00	24.32 -0.15 0.00	33.02 -0.27 0.00	43.25 -0.09 0.00	33.22 0.02 0.00	34.06 0.40 0.00	28.35 0.46 0.00	26.82 0.36 0.00	24.70 0.21 0.00	26.41 0.15 0.00	23.45 0.19 0.00	24.68 0.37 0.00	30.05 0.60 0.00	31.32 0.87 0.00	40.32 1.32 0.00	36.57 1.31 0.00	27.95 0.92 0.00	23.35 0.80 0.00	21.75 0.77 0.00	21.24 0.78 0.00
STILLWATER___SOLAR 323814	23.70 0.93 0.00	21.78 0.88 0.00	19.40 0.76 0.00	16.59 0.67 0.00	18.08 0.80 0.00	25.61 1.14 0.00	34.88 1.59 0.00	45.58 2.22 0.00	35.02 1.82 0.00	35.51 1.85 0.00	29.32 1.44 0.00	27.67 1.21 0.00	25.57 1.08 0.00	27.50 1.24 0.00	24.38 1.13 0.00	25.52 1.21 0.00	30.95 1.51 0.00	32.15 1.70 0.00	41.39 2.40 0.00	37.37 2.12 0.00	28.59 1.57 0.00	23.83 1.28 0.00	21.98 1.00 0.00	21.25 0.80 0.00
STONY___BROOK 24151	24.33 1.55 0.00	22.27 1.38 0.00	19.81 1.18 0.00	16.98 1.06 0.00	18.47 1.19 0.00	26.11 1.63 0.00	35.34 2.06 0.00	45.82 2.46 0.00	35.62 2.43 0.00	36.01 2.35 0.00	30.08 2.19 0.00	28.66 2.20 0.00	26.68 2.19 0.00	28.54 2.28 0.00	25.46 2.21 0.00	26.81 2.50 0.00	32.52 3.07 0.00	33.44 2.99 0.00	42.36 3.37 0.00	38.47 3.22 0.00	29.39 2.36 0.00	24.70 2.14 0.00	19.60 1.63 3.01	21.72 1.27 0.00
STURGEON_POOL_HYD 23609	23.89 1.11 0.00	21.95 1.05 0.00	19.53 0.89 0.00	16.72 0.79 0.00	18.20 0.92 0.00	25.74 1.27 0.00	35.07 1.79 0.00	45.78 2.43 0.00	34.99 1.80 0.00	35.41 1.75 0.00	29.35 1.47 0.00	27.78 1.32 0.00	25.77 1.28 0.00	27.69 1.42 0.00	24.56 1.31 0.00	25.82 1.51 0.00	31.30 1.85 0.00	32.38 1.93 0.00	41.56 2.57 0.00	37.66 2.40 0.00	28.78 1.76 0.00	24.01 1.45 0.00	22.17 1.20 0.00	21.42 0.96 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.83 1.06 0.00	21.89 1.00 0.00	19.45 0.82 0.00	16.65 0.72 0.00	18.14 0.86 0.00	25.69 1.21 0.00	35.01 1.72 0.00	45.68 2.33 0.00	35.01 1.81 0.00	35.41 1.74 0.00	29.36 1.47 0.00	27.79 1.33 0.00	25.80 1.31 0.00	27.68 1.42 0.00	24.55 1.30 0.00	25.77 1.46 0.00	31.25 1.80 0.00	32.30 1.84 0.00	41.45 2.46 0.00	37.50 2.25 0.00	28.66 1.64 0.00	23.91 1.36 0.00	22.08 1.11 0.00	21.34 0.89 0.00
SWANROAD_115KV_TB1 355699	21.76 -1.02 0.00	19.79 -1.10 0.00	17.64 -1.00 0.00	15.16 -0.77 0.00	16.41 -0.87 0.00	23.57 -0.91 0.00	31.63 -1.65 0.00	41.07 -2.28 0.00	31.55 -1.65 0.00	32.34 -1.33 0.00	26.87 -1.02 0.00	25.47 -0.99 0.00	23.51 -0.98 0.00	25.17 -1.10 0.00	22.31 -0.94 0.00	23.23 -1.08 0.00	27.99 -1.46 0.00	29.14 -1.31 0.00	37.31 -1.69 0.00	33.87 -1.38 0.00	25.90 -1.12 0.00	21.87 -0.69 0.00	20.55 -0.43 0.00	20.17 -0.28 0.00
SYNERGY___BIOGAS 323694	22.71 -0.06 0.00	20.66 -0.23 0.00	18.41 -0.23 0.00	15.78 -0.15 0.00	17.11 -0.18 0.00	24.56 0.09 0.00	33.27 -0.01 0.00	43.42 0.07 0.00	33.21 0.01 0.00	33.85 0.19 0.00	28.03 0.14 0.00	26.54 0.08 0.00	24.54 0.05 0.00	26.26 -0.01 0.00	23.33 0.08 0.00	24.40 0.09 0.00	29.39 -0.06 0.00	30.63 0.18 0.00	39.29 0.30 0.00	35.66 0.40 0.00	27.23 0.21 0.00	22.82 0.27 0.00	21.38 0.41 0.00	20.94 0.49 0.00
SYRACUSE___ENERGY_ST1 323597	22.70 -0.07 0.00	20.79 -0.10 0.00	18.52 -0.11 0.00	15.79 -0.14 0.00	17.14 -0.14 0.00	24.35 -0.12 0.00	33.22 -0.06 0.00	43.92 0.57 0.00	33.50 0.30 0.00	33.99 0.33 0.00	28.18 0.29 0.00	26.67 0.21 0.00	24.63 0.13 0.00	26.36 0.09 0.00	23.31 0.06 0.00	24.45 0.13 0.00	29.67 0.22 0.00	30.80 0.35 0.00	39.52 0.52 0.00	35.78 0.52 0.00	27.35 0.33 0.00	22.78 0.23 0.00	21.21 0.23 0.00	20.83 0.38 0.00
SYRACUSE___ENERGY_ST2 323598	22.70 -0.07 0.00	20.79 -0.10 0.00	18.52 -0.11 0.00	15.79 -0.14 0.00	17.14 -0.14 0.00	24.35 -0.12 0.00	33.22 -0.06 0.00	43.92 0.57 0.00	33.50 0.30 0.00	33.99 0.33 0.00	28.18 0.29 0.00	26.67 0.21 0.00	24.63 0.13 0.00	26.36 0.09 0.00	23.31 0.06 0.00	24.45 0.13 0.00	29.67 0.22 0.00	30.80 0.35 0.00	39.52 0.52 0.00	35.78 0.52 0.00	27.35 0.33 0.00	22.78 0.23 0.00	21.21 0.23 0.00	20.83 0.38 0.00
SYRACUSE___POWER 24017	22.67 -0.10 0.00	20.75 -0.14 0.00	18.48 -0.16 0.00	15.77 -0.16 0.00	17.11 -0.17 0.00	24.31 -0.16 0.00	33.18 -0.11 0.00	43.53 0.18 0.00	33.27 0.07 0.00	33.73 0.07 0.00	27.95 0.06 0.00	26.49 0.03 0.00	24.48 -0.02 0.00	26.20 -0.07 0.00	23.18 -0.07 0.00	24.32 0.01 0.00	29.49 0.04 0.00	30.58 0.12 0.00	39.21 0.22 0.00	35.49 0.24 0.00	27.16 0.13 0.00	22.64 0.08 0.00	21.06 0.08 0.00	20.65 0.20 0.00
TALLMAN__138KV_BK151 55660	23.91 1.14 0.00	21.97 1.08 0.00	19.51 0.88 0.00	16.71 0.78 0.00	18.21 0.93 0.00	25.79 1.31 0.00	35.14 1.86 0.00	45.85 2.50 0.00	35.18 1.98 0.00	35.57 1.91 0.00	29.51 1.62 0.00	27.93 1.48 0.00	25.96 1.47 0.00	27.86 1.60 0.00	24.73 1.48 0.00	25.97 1.66 0.00	31.48 2.03 0.00	32.50 2.04 0.00	41.72 2.73 0.00	37.75 2.50 0.00	28.84 1.82 0.00	24.05 1.50 0.00	22.18 1.20 0.00	21.42 0.96 0.00
TEALLAVE_115KV_TB7 355573	22.56 -0.21 0.00	20.66 -0.23 0.00	18.40 -0.23 0.00	15.71 -0.22 0.00	17.03 -0.24 0.00	24.20 -0.27 0.00	33.02 -0.27 0.00	43.21 -0.14 0.00	33.04 -0.15 0.00	33.50 -0.16 0.00	27.75 -0.13 0.00	26.30 -0.15 0.00	24.32 -0.17 0.00	26.04 -0.23 0.00	23.02 -0.23 0.00	24.13 -0.18 0.00	29.25 -0.20 0.00	30.32 -0.13 0.00	38.87 -0.13 0.00	35.17 -0.08 0.00	26.92 -0.10 0.00	22.45 -0.11 0.00	20.89 -0.09 0.00	20.50 0.05 0.00
TELEGRAPH_34_KV_EAST 80808	22.27 -0.50 0.00	20.27 -0.63 0.00	18.05 -0.58 0.00	15.49 -0.44 0.00	16.78 -0.50 0.00	24.10 -0.38 0.00	32.49 -0.80 0.00	42.30 -1.05 0.00	32.44 -0.75 0.00	33.18 -0.48 0.00	27.53 -0.36 0.00	26.07 -0.39 0.00	24.07 -0.42 0.00	25.77 -0.49 0.00	22.85 -0.40 0.00	23.82 -0.49 0.00	28.74 -0.71 0.00	29.94 -0.51 0.00	38.37 -0.62 0.00	34.83 -0.42 0.00	26.62 -0.41 0.00	22.41 -0.14 0.00	21.01 0.04 0.00	20.60 0.15 0.00
TEMPLE___115KV_TB 2 55572	22.58 -0.19 0.00	20.66 -0.23 0.00	18.41 -0.22 0.00	15.71 -0.21 0.00	17.04 -0.24 0.00	24.21 -0.27 0.00	33.02 -0.27 0.00	43.22 -0.13 0.00	33.06 -0.14 0.00	33.52 -0.14 0.00	27.76 -0.12 0.00	26.32 -0.13 0.00	24.34 -0.15 0.00	26.06 -0.20 0.00	23.04 -0.21 0.00	24.15 -0.16 0.00	29.27 -0.17 0.00	30.34 -0.11 0.00	38.89 -0.10 0.00	35.20 -0.06 0.00	26.93 -0.09 0.00	22.47 -0.09 0.00	20.90 -0.08 0.00	20.52 0.07 0.00

TIANA____69_KV_BK 1 55817	24.57 1.79 0.00	22.48 1.59 0.00	20.00 1.37 0.00	17.16 1.23 0.00	18.67 1.39 0.00	26.40 1.92 0.00	35.81 2.52 0.00	46.46 3.11 0.00	36.20 3.00 0.00	36.54 2.87 0.00	30.48 2.59 0.00	29.01 2.55 0.00	27.15 2.66 0.00	29.06 2.80 0.00	25.95 2.70 0.00	27.33 3.02 0.00	33.21 3.76 0.00	34.21 3.76 0.00	43.32 4.32 0.00	39.39 4.14 0.00	30.09 3.07 0.00	25.23 2.67 0.00	19.89 2.02 3.11	22.04 1.59 0.00
TILDEN____115KV_TB1 80814	22.67 -0.10 0.00	20.75 -0.14 0.00	18.48 -0.16 0.00	15.77 -0.16 0.00	17.11 -0.17 0.00	24.31 -0.16 0.00	33.18 -0.11 0.00	43.53 0.18 0.00	33.27 0.07 0.00	33.73 0.07 0.00	27.95 0.06 0.00	26.49 0.03 0.00	24.48 -0.02 0.00	26.20 -0.07 0.00	23.18 -0.07 0.00	24.32 0.01 0.00	29.49 0.04 0.00	30.58 0.12 0.00	39.21 0.22 0.00	35.49 0.24 0.00	27.16 0.13 0.00	22.64 0.08 0.00	21.06 0.08 0.00	20.65 0.20 0.00
TRIGEN____CC 323695	24.09 1.32 0.00	22.11 1.21 0.00	19.65 1.01 0.00	16.82 0.90 0.00	18.32 1.04 0.00	25.93 1.45 0.00	35.18 1.89 0.00	45.80 2.45 0.00	35.33 2.13 0.00	35.71 2.05 0.00	29.80 1.91 0.00	28.28 1.81 -0.01	26.29 1.79 -0.01	28.16 1.89 0.00	25.08 1.83 0.00	26.37 2.04 -0.01	31.88 2.43 0.00	32.77 2.32 0.00	41.86 2.86 0.00	37.99 2.74 0.00	29.06 2.04 0.00	24.33 1.77 0.00	36.02 1.49 -13.56	21.57 1.11 0.00
TRINITY__115KV__ 4 BK 55933	23.09 0.31 0.00	21.23 0.33 0.00	18.91 0.27 0.00	16.18 0.25 0.00	17.61 0.33 0.00	24.87 0.40 0.00	33.88 0.59 0.00	44.25 0.90 0.00	33.98 0.78 0.00	34.40 0.74 0.00	28.40 0.51 0.00	26.84 0.38 0.00	24.83 0.34 0.00	26.70 0.43 0.00	23.68 0.43 0.00	24.81 0.49 0.00	30.07 0.63 0.00	31.19 0.74 0.00	40.09 1.10 0.00	36.19 0.94 0.00	27.69 0.67 0.00	23.12 0.56 0.00	21.34 0.37 0.00	20.63 0.18 0.00
UNION____PROCESSING_DRP 323587	22.48 -0.29 0.00	20.52 -0.37 0.00	18.28 -0.36 0.00	15.63 -0.29 0.00	16.94 -0.33 0.00	24.21 -0.27 0.00	32.91 -0.37 0.00	43.00 -0.35 0.00	32.96 -0.23 0.00	33.45 -0.21 0.00	27.73 -0.15 0.00	26.29 -0.16 0.00	24.30 -0.19 0.00	26.03 -0.23 0.00	23.05 -0.20 0.00	24.08 -0.23 0.00	29.09 -0.36 0.00	30.24 -0.22 0.00	38.78 -0.22 0.00	35.17 -0.08 0.00	26.87 -0.16 0.00	22.49 -0.06 0.00	20.97 0.00 0.00	20.55 0.09 0.00
UPPER HUDSON____HYD 24058	23.63 0.85 0.00	21.72 0.82 0.00	19.34 0.70 0.00	16.54 0.62 0.00	18.05 0.77 0.00	25.62 1.14 0.00	34.88 1.59 0.00	45.63 2.28 0.00	35.15 1.95 0.00	35.72 2.06 0.00	29.50 1.62 0.00	27.81 1.35 0.00	25.57 1.08 0.00	27.55 1.29 0.00	24.43 1.17 0.00	25.54 1.22 0.00	30.98 1.53 0.00	32.28 1.83 0.00	41.63 2.64 0.00	37.61 2.36 0.00	28.74 1.72 0.00	23.92 1.37 0.00	22.02 1.05 0.00	21.24 0.79 0.00
UPPER RAQUET____HYD 24056	22.64 -0.13 0.00	20.77 -0.12 0.00	18.61 -0.03 0.00	15.90 -0.03 0.00	17.21 -0.07 0.00	24.40 -0.07 0.00	33.23 -0.06 0.00	43.33 -0.03 0.00	33.15 -0.05 0.00	33.75 0.09 0.00	27.79 -0.09 0.00	26.40 -0.06 0.00	24.37 -0.12 0.00	26.15 -0.11 0.00	23.16 -0.09 0.00	24.15 -0.16 0.00	29.32 -0.13 0.00	30.35 -0.10 0.00	38.87 -0.12 0.00	35.07 -0.19 0.00	26.87 -0.15 0.00	22.33 -0.22 0.00	20.80 -0.17 0.00	20.25 -0.20 0.00
VALLEY44_115KV_TB2 355964	22.97 0.19 0.00	20.93 0.04 0.00	18.60 -0.04 0.00	15.93 0.01 0.00	17.31 0.03 0.00	24.78 0.31 0.00	33.59 0.31 0.00	43.99 0.64 0.00	33.60 0.41 0.00	34.50 0.84 0.00	28.65 0.76 0.00	27.07 0.61 0.00	25.03 0.54 0.00	26.81 0.55 0.00	23.73 0.48 0.00	24.83 0.51 0.00	29.88 0.43 0.00	31.05 0.60 0.00	39.88 0.89 0.00	36.15 0.90 0.00	27.58 0.56 0.00	23.13 0.57 0.00	21.57 0.59 0.00	21.05 0.60 0.00
VALLEY____115KV_TB 1-4 80826	23.16 0.39 0.00	21.29 0.40 0.00	18.96 0.33 0.00	16.19 0.26 0.00	17.60 0.32 0.00	24.95 0.47 0.00	33.95 0.67 0.00	44.40 1.06 0.00	33.88 0.68 0.00	34.37 0.71 0.00	28.42 0.53 0.00	26.78 0.32 0.00	24.73 0.24 0.00	26.51 0.25 0.00	23.45 0.20 0.00	24.51 0.19 0.00	29.94 0.49 0.00	31.10 0.65 0.00	40.02 1.03 0.00	36.22 0.97 0.00	27.67 0.64 0.00	23.12 0.56 0.00	21.50 0.52 0.00	20.82 0.36 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.65 0.88 0.00	21.71 0.82 0.00	19.36 0.73 0.00	16.57 0.64 0.00	18.03 0.75 0.00	25.51 1.04 0.00	34.81 1.52 0.00	45.45 2.09 0.00	34.85 1.65 0.00	35.30 1.64 0.00	29.26 1.37 0.00	27.68 1.22 0.00	25.63 1.13 0.00	27.50 1.23 0.00	24.36 1.11 0.00	25.44 1.13 0.00	30.87 1.41 0.00	31.97 1.52 0.00	40.97 1.98 0.00	37.08 1.83 0.00	28.37 1.35 0.00	23.63 1.08 0.00	21.84 0.87 0.00	21.19 0.74 0.00
VISCHER____FERRY HYD 24020	23.46 0.69 0.00	21.57 0.67 0.00	19.21 0.58 0.00	16.44 0.51 0.00	17.90 0.62 0.00	25.31 0.83 0.00	34.41 1.12 0.00	44.92 1.57 0.00	34.52 1.32 0.00	34.97 1.31 0.00	28.85 0.96 0.00	27.25 0.79 0.00	25.22 0.73 0.00	27.12 0.86 0.00	24.03 0.78 0.00	25.16 0.85 0.00	30.51 1.06 0.00	31.64 1.19 0.00	40.71 1.72 0.00	36.76 1.51 0.00	28.16 1.14 0.00	23.51 0.96 0.00	21.70 0.72 0.00	20.99 0.53 0.00
V_A_10_SYNC_DSASP 323832	21.99 -0.78 0.00	20.03 -0.86 0.00	17.85 -0.78 0.00	15.30 -0.63 0.00	16.57 -0.71 0.00	23.74 -0.74 0.00	32.03 -1.25 0.00	41.72 -1.63 0.00	31.97 -1.23 0.00	32.76 -0.90 0.00	27.20 -0.68 0.00	25.79 -0.67 0.00	23.81 -0.68 0.00	25.50 -0.76 0.00	22.60 -0.66 0.00	23.58 -0.73 0.00	28.41 -1.04 0.00	29.55 -0.90 0.00	37.89 -1.10 0.00	34.38 -0.87 0.00	26.27 -0.75 0.00	22.04 -0.51 0.00	20.68 -0.29 0.00	20.29 -0.16 0.00
V_CMM_10_SYNC_DSASP 323787	22.65 -0.12 0.00	20.79 -0.10 0.00	18.58 -0.05 0.00	15.88 -0.04 0.00	17.20 -0.08 0.00	24.36 -0.11 0.00	33.04 -0.25 0.00	43.05 -0.31 0.00	32.95 -0.24 0.00	33.44 -0.22 0.00	27.66 -0.23 0.00	26.29 -0.17 0.00	24.29 -0.20 0.00	26.07 -0.20 0.00	23.09 -0.16 0.00	24.08 -0.23 0.00	29.15 -0.30 0.00	30.07 -0.38 0.00	38.39 -0.61 0.00	34.67 -0.58 0.00	26.64 -0.39 0.00	22.24 -0.32 0.00	20.74 -0.23 0.00	20.17 -0.29 0.00
V_CMP_10_SYNC_DSASP 323788	23.23 0.46 0.00	21.32 0.43 0.00	19.08 0.45 0.00	16.31 0.38 0.00	17.78 0.50 0.00	25.24 0.77 0.00	34.18 0.89 0.00	44.93 1.58 0.00	34.59 1.40 0.00	35.43 1.77 0.00	29.10 1.21 0.00	27.59 1.14 0.00	25.38 0.88 0.00	27.45 1.18 0.00	24.32 1.07 0.00	25.21 0.89 0.00	30.71 1.26 0.00	31.85 1.40 0.00	40.70 1.70 0.00	36.43 1.18 0.00	27.76 0.74 0.00	22.93 0.37 0.00	21.15 0.18 0.00	20.46 0.01 0.00
V_E_10_SYNC_DSASP 323830	23.95 1.18 0.00	21.92 1.03 0.00	19.55 0.92 0.00	16.61 0.69 0.00	18.09 0.81 0.00	25.91 1.43 0.00	35.64 2.36 0.00	46.96 3.61 0.00	35.79 2.59 0.00	36.33 2.67 0.00	29.85 1.96 0.00	28.29 1.83 0.00	26.21 1.72 0.00	28.11 1.84 0.00	24.86 1.61 0.00	26.27 1.96 0.00	32.03 2.58 0.00	33.35 2.89 0.00	42.95 3.95 0.00	38.87 3.62 0.00	29.66 2.64 0.00	24.53 1.98 0.00	22.77 1.79 0.00	22.10 1.65 0.00

V_F_30_NSYNC___DSASP 323816	23.74 0.96 0.00	21.80 0.91 0.00	19.42 0.78 0.00	16.61 0.69 0.00	18.10 0.82 0.00	25.65 1.17 0.00	34.93 1.64 0.00	45.64 2.29 0.00	35.07 1.87 0.00	35.55 1.89 0.00	29.37 1.48 0.00	27.72 1.26 0.00	25.61 1.12 0.00	27.55 1.28 0.00	24.43 1.18 0.00	25.56 1.25 0.00	31.01 1.56 0.00	32.21 1.76 0.00	41.46 2.47 0.00	37.43 2.18 0.00	28.64 1.61 0.00	23.88 1.32 0.00	22.01 1.03 0.00	21.29 0.84 0.00
V_F_30_SYNC_DSASP 323786	23.16 0.39 0.00	21.29 0.40 0.00	18.97 0.33 0.00	16.23 0.30 0.00	17.66 0.39 0.00	24.96 0.48 0.00	34.01 0.73 0.00	44.43 1.08 0.00	34.10 0.90 0.00	34.54 0.88 0.00	28.52 0.63 0.00	26.94 0.48 0.00	24.93 0.43 0.00	26.80 0.54 0.00	23.79 0.54 0.00	24.91 0.60 0.00	30.21 0.76 0.00	31.33 0.88 0.00	40.28 1.28 0.00	36.36 1.11 0.00	27.80 0.78 0.00	23.21 0.65 0.00	21.43 0.45 0.00	20.71 0.26 0.00
V_XM_10_SYNC_DSASP 323789	23.23 0.46 0.00	21.32 0.43 0.00	19.08 0.45 0.00	16.31 0.38 0.00	17.78 0.50 0.00	25.24 0.77 0.00	34.18 0.89 0.00	44.93 1.58 0.00	34.59 1.40 0.00	35.43 1.77 0.00	29.10 1.21 0.00	27.59 1.14 0.00	25.38 0.88 0.00	27.45 1.18 0.00	24.32 1.07 0.00	25.21 0.89 0.00	30.71 1.26 0.00	31.85 1.40 0.00	40.70 1.70 0.00	36.43 1.18 0.00	27.76 0.74 0.00	22.93 0.37 0.00	21.15 0.18 0.00	20.46 0.01 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.95 1.18 0.00	22.01 1.11 0.00	19.54 0.91 0.00	16.74 0.81 0.00	18.23 0.95 0.00	25.82 1.35 0.00	35.20 1.91 0.00	45.95 2.60 0.00	35.30 2.10 0.00	35.69 2.03 0.00	29.58 1.69 0.00	28.00 1.54 0.00	26.01 1.52 0.00	27.91 1.65 0.00	24.78 1.53 0.00	26.02 1.71 0.00	31.54 2.09 0.00	32.56 2.11 0.00	41.80 2.80 0.00	37.83 2.58 0.00	28.90 1.87 0.00	24.10 1.55 0.00	22.22 1.24 0.00	21.45 1.00 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.08 1.31 0.00	22.13 1.24 0.00	19.65 1.01 0.00	16.82 0.89 0.00	18.30 1.02 0.00	25.91 1.44 0.00	35.38 2.10 0.00	46.16 2.81 0.00	35.50 2.30 0.00	35.97 2.31 0.00	29.86 1.97 0.00	28.28 1.82 0.00	26.25 1.76 0.00	28.19 1.93 0.00	25.04 1.79 0.00	26.25 1.94 0.00	31.78 2.33 0.00	32.77 2.32 0.00	41.96 2.97 0.00	38.05 2.80 0.00	29.07 2.04 0.00	24.28 1.73 0.00	22.38 1.40 0.00	21.55 1.10 0.00
W50THST__13_KV_LOAD 356117	24.20 1.43 0.00	22.24 1.35 0.00	19.73 1.10 0.00	16.89 0.97 0.00	18.39 1.11 0.00	26.04 1.57 0.00	35.58 2.29 0.00	46.46 3.11 0.00	35.75 2.55 0.00	36.24 2.58 0.00	30.08 2.20 0.00	28.50 2.05 0.00	26.46 1.97 0.00	28.41 2.15 0.00	25.23 1.98 0.00	26.46 2.15 0.00	32.04 2.59 0.00	33.03 2.57 0.00	42.27 3.27 0.00	38.30 3.05 0.00	29.25 2.23 0.00	24.42 1.87 0.00	22.51 1.54 0.00	21.68 1.23 0.00
WADING RIVER_IC_1 23522	24.43 1.66 0.00	22.36 1.47 0.00	19.89 1.25 0.00	17.07 1.14 0.00	18.56 1.28 0.00	26.23 1.76 0.00	35.57 2.29 0.00	46.10 2.75 0.00	35.90 2.71 0.00	36.25 2.58 0.00	30.22 2.33 0.00	28.75 2.30 0.00	26.77 2.28 0.00	28.64 2.37 0.00	25.57 2.32 0.00	26.90 2.59 0.00	32.68 3.23 0.00	33.65 3.20 0.00	42.67 3.68 0.00	38.80 3.55 0.00	29.64 2.62 0.00	24.89 2.34 0.00	19.60 1.75 3.12	21.82 1.37 0.00
WADING RIVER_IC_2 23547	24.43 1.66 0.00	22.36 1.47 0.00	19.89 1.25 0.00	17.07 1.14 0.00	18.56 1.28 0.00	26.23 1.76 0.00	35.57 2.29 0.00	46.10 2.75 0.00	35.90 2.71 0.00	36.25 2.58 0.00	30.22 2.33 0.00	28.75 2.30 0.00	26.77 2.28 0.00	28.64 2.37 0.00	25.57 2.32 0.00	26.90 2.59 0.00	32.68 3.23 0.00	33.65 3.20 0.00	42.67 3.68 0.00	38.80 3.55 0.00	29.64 2.62 0.00	24.89 2.34 0.00	19.60 1.75 3.12	21.82 1.37 0.00
WADING RIVER_IC_3 23601	24.43 1.66 0.00	22.36 1.47 0.00	19.89 1.25 0.00	17.07 1.14 0.00	18.56 1.28 0.00	26.23 1.76 0.00	35.57 2.29 0.00	46.10 2.75 0.00	35.90 2.71 0.00	36.25 2.58 0.00	30.22 2.33 0.00	28.75 2.30 0.00	26.77 2.28 0.00	28.64 2.37 0.00	25.57 2.32 0.00	26.90 2.59 0.00	32.68 3.23 0.00	33.65 3.20 0.00	42.67 3.68 0.00	38.80 3.55 0.00	29.64 2.62 0.00	24.89 2.34 0.00	19.60 1.75 3.12	21.82 1.37 0.00
WALDENNY_12_KV_BK2 80841	22.43 -0.34 0.00	20.39 -0.50 0.00	18.15 -0.48 0.00	15.55 -0.37 0.00	16.87 -0.41 0.00	24.24 -0.24 0.00	32.71 -0.57 0.00	42.67 -0.68 0.00	32.73 -0.47 0.00	33.57 -0.09 0.00	27.89 0.01 0.00	26.40 -0.06 0.00	24.39 -0.11 0.00	26.11 -0.16 0.00	23.12 -0.13 0.00	24.12 -0.19 0.00	29.12 -0.33 0.00	30.31 -0.15 0.00	38.84 -0.15 0.00	35.27 0.02 0.00	26.94 -0.08 0.00	22.66 0.11 0.00	21.23 0.26 0.00	20.81 0.35 0.00
WALDEN___HYDRO 24148	23.99 1.22 0.00	22.02 1.13 0.00	19.58 0.95 0.00	16.76 0.83 0.00	18.26 0.98 0.00	25.85 1.37 0.00	35.28 1.99 0.00	46.06 2.71 0.00	35.33 2.13 0.00	35.67 2.01 0.00	29.51 1.62 0.00	27.96 1.50 0.00	25.92 1.43 0.00	27.81 1.54 0.00	24.64 1.39 0.00	25.86 1.54 0.00	31.37 1.92 0.00	32.51 2.05 0.00	41.86 2.87 0.00	37.92 2.66 0.00	28.97 1.95 0.00	24.15 1.59 0.00	22.28 1.30 0.00	21.51 1.05 0.00
WARRENSBURG___ 23737	23.63 0.85 0.00	21.72 0.82 0.00	19.34 0.70 0.00	16.54 0.62 0.00	18.05 0.77 0.00	25.62 1.14 0.00	34.88 1.59 0.00	45.63 2.28 0.00	35.15 1.95 0.00	35.72 2.06 0.00	29.50 1.62 0.00	27.81 1.35 0.00	25.57 1.08 0.00	27.55 1.29 0.00	24.43 1.17 0.00	25.54 1.22 0.00	30.98 1.53 0.00	32.28 1.83 0.00	41.63 2.64 0.00	37.61 2.36 0.00	28.74 1.72 0.00	23.92 1.37 0.00	22.02 1.05 0.00	21.24 0.79 0.00
WATERSIDE___6 8 9 23538	24.10 1.33 0.00	22.16 1.27 0.00	19.67 1.04 0.00	16.83 0.90 0.00	18.32 1.04 0.00	25.89 1.42 0.00	35.38 2.09 0.00	46.20 2.85 0.00	35.57 2.38 0.00	36.01 2.35 0.00	29.89 2.00 0.00	28.30 1.84 0.00	26.27 1.77 0.00	28.19 1.93 0.00	25.04 1.79 0.00	26.28 1.96 0.00	31.82 2.37 0.00	32.83 2.37 0.00	42.05 3.05 0.00	38.11 2.86 0.00	29.57 2.10 -0.45	24.31 1.76 0.00	22.39 1.42 0.00	21.57 1.12 0.00
WATKINRD_115KV_LN8_ILLION 55919	23.04 0.27 0.00	21.16 0.27 0.00	18.86 0.23 0.00	16.12 0.19 0.00	17.51 0.23 0.00	24.83 0.35 0.00	33.79 0.50 0.00	44.10 0.75 0.00	33.70 0.50 0.00	34.16 0.50 0.00	28.26 0.37 0.00	26.68 0.22 0.00	24.67 0.18 0.00	26.45 0.18 0.00	23.42 0.17 0.00	24.48 0.16 0.00	29.83 0.38 0.00	30.95 0.49 0.00	39.76 0.77 0.00	35.97 0.72 0.00	27.50 0.48 0.00	22.97 0.42 0.00	21.34 0.37 0.00	20.71 0.26 0.00
WATSON___69_KV_BK 1 55734	24.46 1.69 0.00	22.39 1.50 0.00	19.91 1.27 0.00	17.05 1.12 0.00	18.54 1.26 0.00	26.29 1.81 0.00	35.72 2.44 0.00	46.41 3.06 0.00	35.92 2.72 0.00	36.26 2.60 0.00	30.25 2.36 0.00	28.76 2.31 0.00	26.77 2.28 0.00	28.64 2.37 0.00	25.55 2.30 0.00	26.92 2.61 0.00	32.67 3.22 0.00	33.62 3.17 0.00	42.65 3.66 0.00	38.83 3.58 0.00	29.71 2.68 0.00	24.88 2.33 0.00	20.75 1.90 2.13	21.92 1.47 0.00

WDELAWARE___HYD 323627	24.23 1.46 0.00	22.25 1.35 0.00	19.79 1.15 0.00	16.94 1.01 0.00	18.44 1.16 0.00	26.13 1.65 0.00	35.68 2.40 0.00	46.59 3.24 0.00	35.47 2.27 0.00	35.85 2.19 0.00	29.65 1.77 0.00	28.04 1.58 0.00	26.03 1.53 0.00	27.88 1.62 0.00	24.68 1.43 0.00	25.94 1.62 0.00	31.53 2.08 0.00	32.70 2.25 0.00	42.17 3.17 0.00	38.10 2.85 0.00	29.18 2.15 0.00	24.28 1.73 0.00	22.56 1.59 0.00	21.81 1.36 0.00
WEST BABYLON___IC 23714	24.43 1.66 0.00	22.38 1.49 0.00	19.89 1.26 0.00	17.03 1.11 0.00	18.53 1.25 0.00	26.25 1.78 0.00	35.64 2.35 0.00	46.34 2.99 0.00	35.86 2.66 0.00	36.18 2.52 0.00	30.19 2.31 0.00	28.72 2.26 0.00	26.70 2.21 0.00	28.58 2.31 0.00	25.48 2.23 0.00	26.85 2.53 0.00	32.55 3.10 0.00	33.48 3.03 0.00	42.56 3.57 0.00	38.74 3.49 0.00	29.63 2.61 0.00	24.81 2.26 0.00	22.82 1.85 0.00	21.87 1.42 0.00
WEST CANADA___HYD 24049	22.83 0.06 0.00	20.96 0.06 0.00	18.69 0.05 0.00	15.98 0.05 0.00	17.33 0.05 0.00	24.55 0.07 0.00	33.42 0.13 0.00	43.52 0.17 0.00	33.32 0.12 0.00	33.76 0.10 0.00	27.95 0.06 0.00	26.51 0.05 0.00	24.57 0.08 0.00	26.33 0.07 0.00	23.31 0.06 0.00	24.39 0.08 0.00	29.57 0.12 0.00	30.60 0.15 0.00	39.21 0.21 0.00	35.44 0.18 0.00	27.15 0.13 0.00	22.65 0.09 0.00	21.05 0.08 0.00	20.53 0.08 0.00
WESTERN_NY_WIND 24143	22.68 -0.09 0.00	20.64 -0.26 0.00	18.38 -0.25 0.00	15.76 -0.17 0.00	17.08 -0.20 0.00	24.53 0.06 0.00	33.22 -0.06 0.00	43.35 -0.01 0.00	33.16 -0.04 0.00	33.81 0.15 0.00	28.00 0.11 0.00	26.52 0.06 0.00	24.51 0.01 0.00	26.23 -0.04 0.00	23.31 0.05 0.00	24.36 0.05 0.00	29.34 -0.11 0.00	30.59 0.14 0.00	39.23 0.24 0.00	35.61 0.35 0.00	27.19 0.17 0.00	22.80 0.24 0.00	21.36 0.39 0.00	20.93 0.47 0.00
WESTOVER___LESR 323668	22.77 0.00 0.00	20.79 -0.10 0.00	18.47 -0.16 0.00	15.78 -0.15 0.00	17.13 -0.15 0.00	24.40 -0.08 0.00	33.29 0.00 0.00	43.66 0.31 0.00	33.35 0.15 0.00	33.89 0.23 0.00	28.10 0.21 0.00	26.59 0.14 0.00	24.60 0.11 0.00	26.34 0.08 0.00	23.32 0.06 0.00	24.69 0.38 0.00	29.95 0.50 0.00	31.02 0.57 0.00	39.77 0.78 0.00	36.00 0.75 0.00	27.55 0.53 0.00	22.96 0.41 0.00	21.34 0.37 0.00	20.81 0.36 0.00
WETHRSFD_WT_PWR 323626	22.34 -0.43 0.00	20.37 -0.53 0.00	18.03 -0.60 0.00	15.37 -0.55 0.00	16.73 -0.55 0.00	24.02 -0.45 0.00	32.53 -0.75 0.00	42.50 -0.85 0.00	32.58 -0.62 0.00	33.40 -0.26 0.00	27.79 -0.09 0.00	26.24 -0.22 0.00	24.20 -0.29 0.00	25.87 -0.39 0.00	22.89 -0.36 0.00	23.96 -0.35 0.00	29.05 -0.40 0.00	30.25 -0.20 0.00	38.81 -0.18 0.00	35.26 0.01 0.00	26.95 -0.07 0.00	22.59 0.04 0.00	21.15 0.17 0.00	20.71 0.25 0.00
WHAVSTOR_138KV_BK127 55557	23.89 1.12 0.00	21.96 1.06 0.00	19.50 0.87 0.00	16.70 0.77 0.00	18.19 0.91 0.00	25.75 1.28 0.00	35.10 1.81 0.00	45.80 2.45 0.00	35.14 1.94 0.00	35.54 1.88 0.00	29.47 1.59 0.00	27.90 1.45 0.00	25.93 1.43 0.00	27.82 1.56 0.00	24.70 1.45 0.00	25.93 1.62 0.00	31.43 1.98 0.00	32.45 2.00 0.00	41.65 2.65 0.00	37.70 2.45 0.00	28.80 1.78 0.00	24.02 1.47 0.00	22.15 1.18 0.00	21.39 0.93 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.89 1.12 0.00	21.96 1.06 0.00	19.50 0.87 0.00	16.70 0.77 0.00	18.19 0.91 0.00	25.75 1.28 0.00	35.10 1.81 0.00	45.80 2.45 0.00	35.14 1.94 0.00	35.54 1.88 0.00	29.47 1.59 0.00	27.90 1.45 0.00	25.93 1.43 0.00	27.82 1.56 0.00	24.70 1.45 0.00	25.93 1.62 0.00	31.43 1.98 0.00	32.45 2.00 0.00	41.65 2.65 0.00	37.70 2.45 0.00	28.80 1.78 0.00	24.02 1.47 0.00	22.15 1.18 0.00	21.39 0.93 0.00
WHITEHAL_115KV_TB1 80871	23.89 1.12 0.00	22.06 1.17 0.00	19.64 1.00 0.00	16.84 0.92 0.00	18.46 1.18 0.00	26.30 1.82 0.00	35.50 2.21 0.00	46.51 3.16 0.00	35.97 2.77 0.00	36.39 2.73 0.00	29.86 1.98 0.00	28.09 1.64 0.00	25.85 1.35 0.00	27.98 1.71 0.00	24.81 1.56 0.00	25.83 1.51 0.00	31.28 1.83 0.00	32.87 2.42 0.00	42.80 3.80 0.00	38.60 3.35 0.00	29.44 2.42 0.00	24.43 1.88 0.00	22.52 1.54 0.00	21.65 1.20 0.00
WHITEPLN_13_KV_LOAD 356215	24.18 1.41 0.00	22.22 1.32 0.00	19.73 1.09 0.00	16.89 0.97 0.00	18.39 1.11 0.00	26.05 1.58 0.00	35.54 2.26 0.00	46.43 3.08 0.00	35.59 2.39 0.00	36.03 2.37 0.00	29.87 1.98 0.00	28.27 1.81 0.00	26.24 1.75 0.00	28.17 1.91 0.00	25.02 1.77 0.00	26.26 1.95 0.00	31.83 2.38 0.00	32.88 2.43 0.00	42.16 3.16 0.00	38.16 2.90 0.00	29.15 2.13 0.00	24.34 1.79 0.00	22.48 1.50 0.00	21.66 1.21 0.00
WM_FLOYD_69_KV_BK2 356380	24.41 1.64 0.00	22.35 1.46 0.00	19.88 1.25 0.00	17.06 1.13 0.00	18.55 1.27 0.00	26.22 1.74 0.00	35.54 2.26 0.00	46.08 2.73 0.00	35.76 2.56 0.00	36.09 2.43 0.00	30.08 2.20 0.00	28.62 2.16 0.00	26.64 2.15 0.00	28.49 2.23 0.00	25.45 2.19 0.00	26.78 2.47 0.00	32.52 3.07 0.00	33.51 3.05 0.00	42.54 3.55 0.00	38.67 3.42 0.00	29.54 2.52 0.00	24.76 2.21 0.00	19.67 1.75 3.06	21.80 1.35 0.00
WOODARD__115KV_TB2 355635	22.52 -0.25 0.00	20.62 -0.27 0.00	18.37 -0.26 0.00	15.69 -0.24 0.00	17.01 -0.27 0.00	24.15 -0.32 0.00	32.94 -0.35 0.00	43.16 -0.19 0.00	33.00 -0.20 0.00	33.46 -0.20 0.00	27.72 -0.17 0.00	26.27 -0.19 0.00	24.29 -0.21 0.00	26.00 -0.27 0.00	22.99 -0.26 0.00	24.09 -0.23 0.00	29.20 -0.25 0.00	30.27 -0.18 0.00	38.82 -0.17 0.00	35.12 -0.13 0.00	26.87 -0.15 0.00	22.41 -0.14 0.00	20.85 -0.12 0.00	20.48 0.03 0.00
YORK___WARBASSE 23770	24.14 1.37 0.00	22.20 1.31 0.00	19.71 1.08 0.00	16.85 0.93 0.00	18.35 1.07 0.00	25.95 1.48 0.00	35.47 2.19 0.00	46.36 3.01 0.00	35.68 2.48 0.00	36.14 2.48 0.00	29.97 2.08 0.00	28.38 1.92 0.00	26.32 1.83 0.00	28.26 2.00 0.00	25.10 1.85 0.00	26.34 2.03 0.00	31.91 2.46 0.00	32.90 2.45 0.00	42.18 3.19 0.00	38.26 3.00 0.00	29.68 2.22 -0.45	24.42 1.87 0.00	22.47 1.49 0.00	21.63 1.18 0.00