

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

09/03/2023

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	18.46	16.28	15.78	18.17	19.72	14.37	16.36	15.79	17.80	19.63	23.40	24.64	29.53	35.79	35.45	35.65	38.83	76.74	48.73	41.85	41.56	35.79	35.31	27.21
24138	0.98	0.85	0.73	0.73	0.80	0.60	0.64	0.69	0.71	0.76	1.07	1.38	1.76	2.32	2.52	2.58	3.14	6.59	4.05	3.25	2.85	2.47	2.07	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.43	0.00	-2.22	0.00	-0.28	-0.63	-0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.30	0.00
74TH STREET_GT_1	18.49	16.31	15.81	18.22	19.77	14.41	16.39	15.81	17.83	19.67	23.43	24.69	29.58	35.84	35.49	35.70	38.86	76.85	48.82	41.92	41.65	35.86	35.37	27.31
24260	1.01	0.88	0.76	0.78	0.84	0.63	0.67	0.71	0.73	0.79	1.11	1.42	1.81	2.38	2.56	2.62	3.17	6.70	4.14	3.32	2.93	2.54	2.14	1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.43	0.00	-2.22	0.00	-0.28	-0.63	-0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.30	0.00
74TH STREET_GT_2	18.49	16.31	15.81	18.22	19.77	14.41	16.39	15.81	17.83	19.67	23.43	24.69	29.58	35.84	35.49	35.70	38.86	76.85	48.82	41.92	41.65	35.86	35.37	27.31
24261	1.01	0.88	0.76	0.78	0.84	0.63	0.67	0.71	0.73	0.79	1.11	1.42	1.81	2.38	2.56	2.62	3.17	6.70	4.14	3.32	2.93	2.54	2.14	1.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.43	0.00	-2.22	0.00	-0.28	-0.63	-0.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-5.30	0.00
ADK HUDSON___FALLS	18.61	16.47	16.04	18.53	20.11	14.66	16.71	15.93	17.62	19.78	21.59	24.31	28.45	33.38	33.18	34.81	37.93	75.47	48.47	41.81	41.65	35.61	30.92	26.97
24011	1.13	1.04	0.99	1.09	1.19	0.89	0.99	0.83	0.86	0.91	0.99	1.05	1.31	1.30	1.49	1.74	2.23	5.32	3.79	3.21	2.94	2.29	1.82	1.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	-0.49	0.00	0.34	0.76	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.17	0.00
ADK RESOURCE___RCVRY	18.76	16.63	16.21	18.72	20.32	14.81	16.88	16.03	17.72	19.91	21.74	24.47	28.70	33.69	33.50	35.20	38.40	76.45	49.13	42.34	42.09	35.93	31.18	27.21
23798	1.28	1.20	1.16	1.29	1.39	1.04	1.16	0.92	0.96	1.03	1.14	1.21	1.55	1.61	1.79	2.12	2.70	6.31	4.45	3.74	3.38	2.61	2.08	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.10	0.00	-0.49	0.00	0.34	0.75	0.67	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.17	0.00
ADK S GLENS___FALLS	18.61	16.47	16.04	18.53	20.11	14.66	16.71	15.93	17.62	19.78</														

ALBANY___4 23574	17.53 0.04 0.00	15.60 0.17 0.00	15.19 0.14 0.00	17.49 0.05 0.00	18.98 0.06 0.00	13.92 0.15 0.00	15.77 0.05 0.00	15.14 0.04 0.00	16.65 -0.11 -0.10	18.64 -0.23 0.00	20.50 -0.11 -0.51	23.09 -0.17 0.00	27.07 -0.12 0.29	32.18 0.00 0.65	31.99 0.20 0.58	33.32 0.24 0.00	36.25 0.56 0.00	71.76 1.61 0.00	45.74 1.06 0.00	39.39 0.79 0.00	39.30 0.59 0.00	33.73 0.41 0.00	29.45 0.30 -1.21	25.64 0.15 0.00
ALBANY___LFGE 323615	17.71 0.23 0.00	15.75 0.32 0.00	15.33 0.28 0.00	17.66 0.22 0.00	19.18 0.25 0.00	14.04 0.27 0.00	15.91 0.19 0.00	15.28 0.18 0.00	16.83 0.06 -0.10	18.84 -0.03 0.00	20.73 0.11 -0.51	23.35 0.09 0.00	27.37 0.20 0.31	32.53 0.40 0.70	32.35 0.60 0.62	33.73 0.66 0.00	36.73 1.03 0.00	72.70 2.55 0.00	46.34 1.66 0.00	39.89 1.29 0.00	39.79 1.08 0.00	34.15 0.83 0.00	29.78 0.64 -1.21	25.94 0.45 0.00
ALCOA_PA_115KV_PL-6C 55860	17.32 -0.16 0.00	15.31 -0.12 0.00	15.00 -0.05 0.00	17.42 -0.02 0.00	18.92 -0.01 0.00	13.80 0.03 0.00	15.81 0.09 0.00	15.21 0.10 0.00	16.83 0.17 0.00	19.04 0.17 0.00	20.09 -0.02 0.00	23.24 -0.03 0.00	27.44 -0.05 0.00	32.61 -0.23 0.00	32.01 -0.36 0.00	32.70 -0.38 0.00	35.05 -0.65 0.00	67.96 -2.19 0.00	43.77 -0.91 0.00	37.94 -0.66 0.00	38.27 -0.44 0.00	32.97 -0.35 0.00	27.60 -0.34 0.00	25.15 -0.34 0.00
ALCOA_RYNLDS___DRP 24188	17.32 -0.16 0.00	15.31 -0.12 0.00	15.00 -0.05 0.00	17.42 -0.02 0.00	18.92 -0.01 0.00	13.80 0.03 0.00	15.81 0.09 0.00	15.21 0.10 0.00	16.83 0.17 0.00	19.04 0.17 0.00	20.09 -0.02 0.00	23.24 -0.03 0.00	27.44 -0.05 0.00	32.61 -0.23 0.00	32.01 -0.36 0.00	32.70 -0.38 0.00	35.05 -0.65 0.00	67.96 -2.19 0.00	43.77 -0.91 0.00	37.94 -0.66 0.00	38.27 -0.44 0.00	32.97 -0.35 0.00	27.60 -0.34 0.00	25.15 -0.34 0.00
ALCOA___DSASP 323711	17.32 -0.16 0.00	15.30 -0.12 0.00	15.00 -0.05 0.00	17.42 -0.02 0.00	18.91 -0.01 0.00	13.80 0.03 0.00	15.81 0.09 0.00	15.21 0.10 0.00	16.83 0.17 0.00	19.04 0.17 0.00	20.09 -0.02 0.00	23.24 -0.03 0.00	27.44 -0.05 0.00	32.61 -0.23 0.00	32.02 -0.36 0.00	32.70 -0.38 0.00	35.05 -0.65 0.00	67.96 -2.19 0.00	43.76 -0.91 0.00	37.94 -0.66 0.00	38.27 -0.44 0.00	32.97 -0.35 0.00	27.60 -0.34 0.00	25.15 -0.34 0.00
ALLEGHENY___COGEN 23514	17.88 0.40 0.00	15.62 0.19 0.00	15.11 0.06 0.00	17.46 0.02 0.00	18.91 -0.02 0.00	13.72 -0.05 0.00	15.82 0.09 0.00	15.17 0.06 0.00	16.65 -0.01 0.00	19.00 0.13 0.00	20.42 0.31 0.00	23.81 0.54 0.00	28.08 0.60 0.00	33.62 0.78 0.00	32.80 0.43 0.00	33.38 0.30 0.00	36.01 0.31 0.00	70.71 0.56 0.00	58.61 1.66 -12.27	41.41 1.75 -1.06	47.57 1.60 -7.26	34.68 1.36 0.00	29.04 1.11 0.00	26.44 0.96 0.00
ALTAMONT_115KV_TB 2 55880	17.78 0.30 0.00	15.75 0.32 0.00	15.34 0.30 0.00	17.74 0.30 0.00	19.26 0.33 0.00	14.04 0.27 0.00	15.96 0.24 0.00	15.31 0.21 0.00	16.91 0.15 -0.10	18.95 0.08 0.00	20.81 0.21 -0.49	23.47 0.21 0.00	27.59 0.31 0.21	32.88 0.50 0.46	32.63 0.67 0.41	33.80 0.72 0.00	36.72 1.02 0.00	72.59 2.44 0.00	46.30 1.62 0.00	39.89 1.29 0.00	39.82 1.11 0.00	34.20 0.88 0.00	29.81 0.70 -1.18	26.03 0.54 0.00
ALTONA_WT_PWR 323606	16.86 -0.62 0.00	14.98 -0.45 0.00	14.83 -0.22 0.00	17.32 -0.12 0.00	18.89 -0.03 0.00	13.80 0.03 0.00	15.79 0.06 0.00	15.13 0.03 0.00	16.75 0.09 0.00	19.04 0.17 0.00	20.31 0.20 0.00	23.50 0.24 0.00	27.79 0.31 0.00	32.98 0.15 0.00	32.38 0.00 0.00	33.10 0.03 0.00	35.58 -0.12 0.00	70.05 -0.10 0.00	44.74 0.07 0.00	38.70 0.10 0.00	38.77 0.06 0.00	32.84 -0.48 0.00	27.44 -0.49 0.00	25.01 -0.47 0.00
AMERICAN_REF_FUEL 24010	16.72 -0.76 0.00	14.64 -0.79 0.00	14.17 -0.88 0.00	16.43 -1.01 0.00	17.74 -1.19 0.00	12.81 -0.96 0.00	14.74 -0.99 0.00	14.07 -1.03 0.00	15.67 -0.99 0.00	18.37 -0.51 0.00	19.78 -0.33 0.00	23.01 -0.25 0.00	27.10 -0.39 0.00	32.28 -0.56 0.00	31.21 -1.16 0.00	31.71 -1.37 0.00	33.86 -1.84 0.00	65.78 -4.37 0.00	38.85 -3.00 2.83	36.01 -2.34 0.24	34.59 -2.45 1.68	31.34 -1.97 0.00	26.57 -1.37 0.00	24.57 -0.92 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	17.07 -0.41 0.00	14.94 -0.49 0.00	14.38 -0.67 0.00	16.60 -0.84 0.00	17.98 -0.95 0.00	13.04 -0.73 0.00	15.05 -0.67 0.00	14.48 -0.62 0.00	16.12 -0.54 0.00	18.89 0.02 0.00	20.23 0.12 0.00	23.66 0.40 0.00	27.95 0.47 0.00	33.26 0.42 0.00	32.25 -0.12 0.00	32.60 -0.48 0.00	35.09 -0.60 0.00	69.36 -0.79 0.00	41.25 -0.65 2.78	38.02 -0.34 0.24	36.33 -0.74 1.64	32.44 -0.88 0.00	27.23 -0.70 0.00	24.95 -0.54 0.00
ARTHUR_KILL_GT_1 23520	18.34 0.86 0.00	16.17 0.74 0.00	15.66 0.61 0.00	18.06 0.61 0.00	19.61 0.68 0.00	14.26 0.49 0.00	16.23 0.51 0.00	15.65 0.55 0.00	17.65 0.55 -0.43	19.47 0.60 0.00	23.21 0.89 -2.22	24.44 1.17 0.00	29.28 1.52 -0.28	35.34 2.01 -0.48	35.17 2.29 -0.50	35.34 2.26 0.00	38.50 2.80 0.00	76.37 6.22 0.00	48.59 3.91 0.00	41.71 3.12 0.00	41.38 2.67 0.00	35.61 2.29 0.00	33.05 1.97 -3.15	27.19 1.70 0.00
ARTHUR_KILL_2 23512	18.29 0.81 0.00	16.13 0.70 0.00	15.62 0.58 0.00	18.01 0.57 0.00	19.56 0.64 0.00	14.22 0.45 0.00	16.20 0.47 0.00	15.61 0.51 0.00	17.61 0.51 -0.43	19.42 0.55 0.00	23.16 0.84 -2.22	24.37 1.10 0.00	29.19 1.43 -0.28	35.22 1.90 -0.48	35.04 2.17 -0.50	35.21 2.13 0.00	38.35 2.66 0.00	76.05 5.90 0.00	48.40 3.73 0.00	41.54 2.95 0.00	41.20 2.49 0.00	35.47 2.15 0.00	32.94 1.85 -3.15	27.09 1.60 0.00
ARTHUR_KILL_3 23513	18.30 0.82 0.00	16.13 0.70 0.00	15.63 0.58 0.00	18.03 0.59 0.00	19.57 0.64 0.00	14.23 0.46 0.00	16.19 0.47 0.00	15.62 0.51 0.00	17.60 0.51 -0.43	19.40 0.53 0.00	23.17 0.85 -2.22	24.39 1.12 0.00	29.22 1.45 -0.28	35.42 1.96 -0.63	35.05 2.12 -0.56	35.22 2.14 0.00	38.31 2.61 0.00	75.79 5.64 0.00	48.15 3.47 0.00	41.33 2.73 0.00	41.06 2.34 0.00	35.36 2.05 0.00	32.43 1.72 -2.78	26.95 1.46 0.00
ARTHUR_KILL_COGEN 323718	18.34 0.86 0.00	16.17 0.74 0.00	15.66 0.61 0.00	18.06 0.61 0.00	19.61 0.68 0.00	14.26 0.49 0.00	16.23 0.51 0.00	15.65 0.55 0.00	17.65 0.55 -0.43	19.47 0.60 0.00	23.21 0.89 -2.22	24.44 1.17 0.00	29.28 1.52 -0.28	35.34 2.01 -0.48	35.17 2.29 -0.50	35.34 2.26 0.00	38.50 2.80 0.00	76.37 6.22 0.00	48.59 3.91 0.00	41.71 3.12 0.00	41.38 2.67 0.00	35.61 2.29 0.00	33.05 1.97 -3.15	27.19 1.70 0.00
ASHOKAN____ 23654	17.99 0.51 0.00	15.86 0.43 0.00	15.42 0.37 0.00	17.84 0.40 0.00	19.35 0.42 0.00	14.13 0.36 0.00	16.06 0.34 0.00	15.43 0.33 0.00	16.94 0.28 0.00	19.07 0.20 0.00	20.46 0.35 0.00	23.67 0.40 0.00	28.29 0.81 0.00	34.02 1.18 0.00	33.90 1.53 0.00	34.42 1.35 0.00	37.67 1.97 0.00	74.83 4.68 0.00	47.85 3.17 0.00	41.23 2.63 0.00	41.06 2.35 0.00	35.13 1.81 0.00	29.30 1.37 0.00	26.50 1.01 0.00

ASTORIA_EAST_ENERGY_CC1 323581	18.30 0.82 0.00	16.14 0.71 0.00	15.64 0.59 0.00	17.99 0.55 0.00	19.53 0.60 0.00	14.21 0.44 0.00	16.19 0.46 0.00	15.61 0.51 0.00	17.62 0.52 -0.43	19.42 0.55 0.00	23.11 0.79 -2.22	24.36 1.09 0.00	29.16 1.40 -0.28	35.45 1.98 -0.63	35.07 2.14 -0.56	35.17 2.09 0.00	38.25 2.56 0.00	75.70 5.55 0.00	48.13 3.46 0.00	41.32 2.72 0.00	41.03 2.31 0.00	35.36 2.04 0.00	35.01 1.77 -5.30	26.96 1.47 0.00
ASTORIA_EAST_ENERGY_CC2 323582	18.30 0.82 0.00	16.14 0.71 0.00	15.64 0.59 0.00	17.99 0.55 0.00	19.53 0.60 0.00	14.21 0.44 0.00	16.19 0.46 0.00	15.61 0.51 0.00	17.62 0.52 -0.43	19.42 0.55 0.00	23.11 0.79 -2.22	24.36 1.09 0.00	29.16 1.40 -0.28	35.45 1.98 -0.63	35.07 2.14 -0.56	35.17 2.09 0.00	38.25 2.56 0.00	75.70 5.55 0.00	48.13 3.46 0.00	41.32 2.72 0.00	41.03 2.31 0.00	35.36 2.04 0.00	35.01 1.77 -5.30	26.96 1.47 0.00
ASTORIA_GT2_1 24094	18.31 0.83 0.00	16.15 0.72 0.00	15.64 0.59 0.00	18.00 0.56 0.00	19.53 0.61 0.00	14.22 0.45 0.00	16.19 0.47 0.00	15.62 0.52 0.00	17.62 0.52 -0.43	19.42 0.55 0.00	23.13 0.80 -2.22	24.38 1.11 0.00	29.19 1.42 -0.28	35.45 1.99 -0.63	35.08 2.15 -0.56	35.19 2.11 0.00	38.27 2.58 0.00	75.72 5.57 0.00	48.17 3.49 0.00	41.34 2.75 0.00	41.05 2.34 0.00	35.37 2.06 0.00	35.02 1.79 -5.30	26.98 1.49 0.00
ASTORIA_GT2_2 24095	18.31 0.83 0.00	16.15 0.72 0.00	15.64 0.59 0.00	18.00 0.56 0.00	19.53 0.61 0.00	14.22 0.45 0.00	16.19 0.47 0.00	15.62 0.52 0.00	17.62 0.52 -0.43	19.42 0.55 0.00	23.13 0.80 -2.22	24.38 1.11 0.00	29.19 1.42 -0.28	35.45 1.99 -0.63	35.08 2.15 -0.56	35.19 2.11 0.00	38.27 2.58 0.00	75.72 5.57 0.00	48.17 3.49 0.00	41.34 2.75 0.00	41.05 2.34 0.00	35.37 2.06 0.00	35.02 1.79 -5.30	26.98 1.49 0.00
ASTORIA_GT2_3 24096	18.31 0.83 0.00	16.15 0.72 0.00	15.64 0.59 0.00	18.00 0.56 0.00	19.53 0.61 0.00	14.22 0.45 0.00	16.19 0.47 0.00	15.62 0.52 0.00	17.62 0.52 -0.43	19.42 0.55 0.00	23.13 0.80 -2.22	24.38 1.11 0.00	29.19 1.42 -0.28	35.45 1.99 -0.63	35.08 2.15 -0.56	35.19 2.11 0.00	38.27 2.58 0.00	75.72 5.57 0.00	48.17 3.49 0.00	41.34 2.75 0.00	41.05 2.34 0.00	35.37 2.06 0.00	35.02 1.79 -5.30	26.98 1.49 0.00
ASTORIA_GT2_4 24097	18.31 0.83 0.00	16.15 0.72 0.00	15.64 0.59 0.00	18.00 0.56 0.00	19.53 0.61 0.00	14.22 0.45 0.00	16.19 0.47 0.00	15.62 0.52 0.00	17.62 0.52 -0.43	19.42 0.55 0.00	23.13 0.80 -2.22	24.38 1.11 0.00	29.19 1.42 -0.28	35.45 1.99 -0.63	35.08 2.15 -0.56	35.19 2.11 0.00	38.27 2.58 0.00	75.72 5.57 0.00	48.17 3.49 0.00	41.34 2.75 0.00	41.05 2.34 0.00	35.37 2.06 0.00	35.02 1.79 -5.30	26.98 1.49 0.00
ASTORIA_GT3_1 24098	18.31 0.83 0.00	16.15 0.72 0.00	15.64 0.59 0.00	18.00 0.56 0.00	19.53 0.61 0.00	14.22 0.45 0.00	16.19 0.47 0.00	15.62 0.52 0.00	17.62 0.52 -0.43	19.42 0.55 0.00	23.13 0.80 -2.22	24.38 1.11 0.00	29.19 1.42 -0.28	35.45 1.99 -0.63	35.08 2.15 -0.56	35.19 2.11 0.00	38.27 2.58 0.00	75.72 5.57 0.00	48.17 3.49 0.00	41.34 2.75 0.00	41.05 2.34 0.00	35.37 2.06 0.00	35.02 1.79 -5.30	26.98 1.49 0.00
ASTORIA_GT3_2 24099	18.31 0.83 0.00	16.15 0.72 0.00	15.64 0.59 0.00	18.00 0.56 0.00	19.53 0.61 0.00	14.22 0.45 0.00	16.19 0.47 0.00	15.62 0.52 0.00																

ASTORIA_GT_10 24110	18.38 0.90 0.00	16.21 0.78 0.00	15.71 0.66 0.00	18.08 0.64 0.00	19.61 0.69 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.71 0.61 0.00	17.70 0.60 -0.43	19.49 0.62 0.00	23.25 0.92 -2.22	24.47 1.21 0.00	29.31 1.55 -0.28	35.56 2.09 -0.63	35.22 2.29 -0.56	35.38 2.31 0.00	38.49 2.80 0.00	76.04 5.89 0.00	48.37 3.69 0.00	41.53 2.93 0.00	41.26 2.54 0.00	35.57 2.25 0.00	35.14 1.91 -5.30	27.10 1.61 0.00
ASTORIA_GT_11 24225	18.38 0.90 0.00	16.21 0.78 0.00	15.71 0.66 0.00	18.08 0.64 0.00	19.61 0.69 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.71 0.61 0.00	17.70 0.60 -0.43	19.49 0.62 0.00	23.25 0.92 -2.22	24.47 1.21 0.00	29.31 1.55 -0.28	35.56 2.09 -0.63	35.22 2.29 -0.56	35.38 2.31 0.00	38.49 2.80 0.00	76.04 5.89 0.00	48.37 3.69 0.00	41.53 2.93 0.00	41.26 2.54 0.00	35.57 2.25 0.00	35.14 1.91 -5.30	27.10 1.61 0.00
ASTORIA_GT_12 24226	18.38 0.90 0.00	16.21 0.78 0.00	15.71 0.66 0.00	18.08 0.64 0.00	19.61 0.69 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.71 0.61 0.00	17.70 0.60 -0.43	19.49 0.62 0.00	23.25 0.92 -2.22	24.47 1.21 0.00	29.31 1.55 -0.28	35.56 2.09 -0.63	35.22 2.29 -0.56	35.38 2.31 0.00	38.49 2.80 0.00	76.04 5.89 0.00	48.37 3.69 0.00	41.53 2.93 0.00	41.26 2.54 0.00	35.57 2.25 0.00	35.14 1.91 -5.30	27.10 1.61 0.00
ASTORIA_GT_13 24227	18.38 0.90 0.00	16.21 0.78 0.00	15.71 0.66 0.00	18.08 0.64 0.00	19.61 0.69 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.71 0.61 0.00	17.70 0.60 -0.43	19.49 0.62 0.00	23.25 0.92 -2.22	24.47 1.21 0.00	29.31 1.55 -0.28	35.56 2.09 -0.63	35.22 2.29 -0.56	35.38 2.31 0.00	38.49 2.80 0.00	76.04 5.89 0.00	48.37 3.69 0.00	41.53 2.93 0.00	41.26 2.54 0.00	35.57 2.25 0.00	35.14 1.91 -5.30	27.10 1.61 0.00
ASTORIA_GT_5 24106	18.34 0.86 0.00	16.17 0.74 0.00	15.67 0.62 0.00	18.03 0.59 0.00	19.56 0.64 0.00	14.24 0.47 0.00	16.22 0.50 0.00	15.65 0.54 0.00	17.65 0.56 -0.43	19.46 0.59 0.00	23.17 0.85 -2.22	24.42 1.16 0.00	29.25 1.48 -0.28	35.55 2.08 -0.63	35.16 2.24 -0.56	35.28 2.20 0.00	38.36 2.67 0.00	75.91 5.76 0.00	48.27 3.59 0.00	41.45 2.85 0.00	41.15 2.44 0.00	35.47 2.15 0.00	35.09 1.86 -5.30	27.03 1.55 0.00
ASTORIA_GT_7 24107	18.34 0.86 0.00	16.17 0.74 0.00	15.67 0.62 0.00	18.03 0.59 0.00	19.56 0.64 0.00	14.24 0.47 0.00	16.22 0.50 0.00	15.65 0.54 0.00	17.65 0.56 -0.43	19.46 0.59 0.00	23.17 0.85 -2.22	24.42 1.16 0.00	29.25 1.48 -0.28	35.55 2.08 -0.63	35.16 2.24 -0.56	35.28 2.20 0.00	38.36 2.67 0.00	75.91 5.76 0.00	48.27 3.59 0.00	41.45 2.85 0.00	41.15 2.44 0.00	35.47 2.15 0.00	35.09 1.86 -5.30	27.03 1.55 0.00
ASTORIA_GT_8 24108	18.34 0.86 0.00	16.17 0.74 0.00	15.66 0.62 0.00	18.03 0.59 0.00	19.56 0.63 0.00	14.24 0.47 0.00	16.22 0.50 0.00	15.65 0.54 0.00	17.65 0.56 -0.43	19.46 0.59 0.00	23.17 0.85 -2.22	24.43 1.16 0.00	29.25 1.48 -0.28	35.55 2.08 -0.63	35.16 2.23 -0.56	35.28 2.20 0.00	38.36 2.67 0.00	75.91 5.76 0.00	48.27 3.59 0.00	41.45 2.85 0.00	41.15 2.43 0.00	35.47 2.15 0.00	35.10 1.87 -5.30	27.03 1.55 0.00
ASTORIA___2 24149	18.31 0.84 0.00	16.15 0.72 0.00	15.64 0.59 0.00	18.00 0.57 0.00	19.54 0.61 0.00	14.22 0.45 0.00	16.19 0.47 0.00	15.62 0.51 0.00	17.62 0.52 -0.43	19.42 0.55 0.00	23.12 0.80 -2.22	24.38 1.11 0.00	29.18 1.42 -0.28	35.45 1.99 -0.63	35.07 2.14 -0.56	35.19 2.11 0.00	38.27 2.58 0.00	75.72 5.57 0.00	48.17 3.50 0.00	41.34 2.75 0.00	41.05 2.34 0.00	35.37 2.06 0.00	35.01 1.78 -5.30	26.98 1.49 0.00
ASTORIA___3 23516	18.38 0.90 0.00	16.21 0.78 0.00	15.71 0.66 0.00	18.08 0.64 0.00	19.62 0.69 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.71 0.61 0.00	17.70 0.60 -0.43	19.49 0.62 0.00	23.25 0.92 -2.22	24.47 1.21 0.00	29.31 1.55 -0.28	35.56 2.09 -0.63	35.21 2.28 -0.56	35.38 2.31 0.00	38.50 2.80 0.00	76.04 5.89 0.00	48.37 3.69 0.00	41.53 2.94 0.00	41.25 2.54 0.00	35.56 2.25 0.00	35.13 1.90 -5.30	27.10 1.62 0.00
ASTORIA___4 23517	18.38 0.90 0.00	16.21 0.78 0.00	15.71 0.66 0.00	18.08 0.64 0.00	19.61 0.69 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.71 0.61 0.00	17.70 0.60 -0.43	19.49 0.62 0.00	23.25 0.92 -2.22	24.47 1.21 0.00	29.31 1.55 -0.28	35.56 2.09 -0.63	35.22 2.29 -0.56	35.38 2.31 0.00	38.49 2.80 0.00	76.04 5.89 0.00	48.37 3.69 0.00	41.53 2.93 0.00	41.26 2.54 0.00	35.57 2.25 0.00	35.14 1.91 -5.30	27.10 1.61 0.00
ASTORIA___5 23518	18.38 0.90 0.00	16.21 0.78 0.00	15.71 0.66 0.00	18.08 0.64 0.00	19.62 0.69 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.71 0.61 0.00	17.70 0.60 -0.43	19.49 0.62 0.00	23.25 0.92 -2.22	24.47 1.21 0.00	29.31 1.55 -0.28	35.56 2.09 -0.63	35.21 2.28 -0.56	35.38 2.30 0.00	38.50 2.80 0.00	76.04 5.89 0.00	48.37 3.69 0.00	41.53 2.94 0.00	41.25 2.54 0.00	35.56 2.25 0.00	35.13 1.90 -5.30	27.10 1.62 0.00
AST_ENERGY_2_CC3 323677	18.34 0.86 0.00	16.18 0.75 0.00	15.68 0.63 0.00	18.08 0.64 0.00	19.62 0.70 0.00	14.28 0.51 0.00	16.26 0.54 0.00	15.68 0.58 0.00	17.68 0.59 -0.43	19.49 0.62 0.00	23.23 0.90 -2.22	24.43 1.17 0.00	29.28 1.52 -0.28	35.49 2.02 -0.63	35.13 2.20 -0.56	35.32 2.24 0.00	38.46 2.77 0.00	76.04 5.89 0.00	48.31 3.63 0.00	41.49 2.89 0.00	41.21 2.50 0.00	35.50 2.18 0.00	35.08 1.84 -5.30	27.04 1.55 0.00
AST_ENERGY_2_CC4 323678	18.34 0.86 0.00	16.18 0.75 0.00	15.68 0.63 0.00	18.08 0.64 0.00	19.62 0.70 0.00	14.28 0.51 0.00	16.26 0.54 0.00	15.68 0.58 0.00	17.68 0.59 -0.43	19.49 0.62 0.00	23.23 0.90 -2.22	24.43 1.17 0.00	29.28 1.52 -0.28	35.49 2.02 -0.63	35.13 2.20 -0.56	35.32 2.24 0.00	38.46 2.77 0.00	76.04 5.89 0.00	48.31 3.63 0.00	41.49 2.89 0.00	41.21 2.50 0.00	35.50 2.18 0.00	35.08 1.84 -5.30	27.04 1.55 0.00
ATHENS_STG_1 23668	17.81 0.33 0.00	15.74 0.31 0.00	15.33 0.28 0.00	17.76 0.32 0.00	19.27 0.35 0.00	14.03 0.26 0.00	15.95 0.23 0.00	15.31 0.20 0.00	16.95 0.17 -0.12	18.99 0.12 0.00	20.98 0.28 -0.59	23.60 0.33 0.00	28.03 0.46 -0.09	33.74 0.71 -0.19	33.42 0.88 -0.17	33.99 0.91 0.00	36.94 1.24 0.00	73.00 2.85 0.00	46.48 1.81 0.00	40.00 1.41 0.00	39.89 1.18 0.00	34.29 0.97 0.00	30.14 0.78 -1.42	26.10 0.61 0.00
ATHENS_STG_2 23670	17.81 0.33 0.00	15.74 0.31 0.00	15.33 0.28 0.00	17.76 0.32 0.00	19.27 0.35 0.00	14.03 0.26 0.00	15.95 0.23 0.00	15.31 0.20 0.00	16.95 0.17 -0.12	18.99 0.12 0.00	20.98 0.28 -0.59	23.60 0.33 0.00	28.03 0.46 -0.09	33.74 0.71 -0.19	33.42 0.88 -0.17	33.99 0.91 0.00	36.94 1.24 0.00	73.00 2.85 0.00	46.48 1.81 0.00	40.00 1.41 0.00	39.89 1.18 0.00	34.29 0.97 0.00	30.14 0.78 -1.42	26.10 0.61 0.00

ATHENS_STG_3 23677	17.81 0.33 0.00	15.74 0.31 0.00	15.33 0.28 0.00	17.76 0.32 0.00	19.27 0.35 0.00	14.03 0.26 0.00	15.95 0.23 0.00	15.31 0.20 0.00	16.95 0.17 -0.12	18.99 0.12 0.00	20.98 0.28 -0.59	23.60 0.33 0.00	28.03 0.46 -0.09	33.74 0.71 -0.19	33.42 0.88 -0.17	33.99 0.91 0.00	36.94 1.24 0.00	73.00 2.85 0.00	46.48 1.81 0.00	40.00 1.41 0.00	39.89 1.18 0.00	34.29 0.97 0.00	30.14 0.78 -1.42	26.10 0.61 0.00
AUBURN____LFGE 323710	17.85 0.37 0.00	15.75 0.32 0.00	15.28 0.23 0.00	17.71 0.27 0.00	19.20 0.28 0.00	13.93 0.16 0.00	15.94 0.22 0.00	15.26 0.15 0.00	16.87 0.20 0.00	19.19 0.32 0.00	20.51 0.40 0.00	23.73 0.47 0.00	28.04 0.55 0.00	33.45 0.61 0.00	32.93 0.56 0.00	33.82 0.74 0.00	36.54 0.84 0.00	72.22 2.08 0.00	46.62 1.45 -0.50	39.72 1.08 -0.04	39.97 0.96 -0.29	34.11 0.80 0.00	28.58 0.64 0.00	26.11 0.62 0.00
BABYLON_RES_REC 323704	18.78 1.30 0.00	16.57 1.14 0.00	16.07 1.02 0.00	18.45 1.01 0.00	20.01 1.08 0.00	14.63 0.86 0.00	16.59 0.87 0.00	16.06 0.95 0.00	17.99 0.90 -0.43	19.97 1.02 -0.07	32.73 1.44 -11.18	35.44 1.77 -10.41	36.60 2.21 -6.91	44.98 2.60 -9.55	40.56 2.63 -5.56	42.15 2.60 -6.48	59.57 3.09 -20.78	91.19 6.36 -14.68	68.39 3.95 -19.77	49.50 3.15 -7.75	41.60 2.89 0.00	73.33 3.01 -37.00	69.14 2.63 -38.57	27.77 2.23 -0.05
BABYLON__69_KV_BK2 356345	19.03 1.55 0.00	16.78 1.35 0.00	16.26 1.22 0.00	18.67 1.23 0.00	20.22 1.30 0.00	14.80 1.03 0.00	16.79 1.07 0.00	16.25 1.15 0.00	18.21 1.12 -0.43	20.24 1.30 -0.07	33.05 1.76 -11.18	35.84 2.17 -10.41	37.12 2.70 -6.94	52.99 3.36 -16.79	46.31 3.41 -10.52	58.86 3.42 -22.35	101.06 4.05 -61.31	124.79 8.18 -46.47	112.30 5.07 -62.55	67.11 3.99 -24.53	42.40 3.69 0.00	73.82 3.50 -36.99	69.57 3.07 -38.57	28.14 2.61 -0.05
BARON_WINDS____WT_PWR 323822	17.07 -0.41 0.00	14.90 -0.54 0.00	14.41 -0.64 0.00	16.65 -0.79 0.00	18.07 -0.86 0.00	13.12 -0.65 0.00	15.16 -0.57 0.00	14.56 -0.54 0.00	16.09 -0.57 0.00	18.59 -0.28 0.00	19.98 -0.13 0.00	23.36 0.10 0.00	27.46 -0.02 0.00	32.88 0.04 0.00	32.08 -0.29 0.00	32.72 -0.36 0.00	35.32 -0.37 0.00	69.36 -0.79 0.00	23.78 -0.54 20.36	36.40 -0.44 1.76	25.93 -0.74 12.04	32.76 -0.56 0.00	27.46 -0.47 0.00	24.97 -0.51 0.00
BARRETT_IC_1 23704	18.53 1.05 0.00	16.34 0.91 0.00	15.85 0.80 0.00	18.21 0.78 0.00	19.76 0.84 0.00	14.47 0.70 0.00	16.40 0.68 0.00	15.87 0.77 0.00	17.78 0.69 -0.43	19.73 0.79 -0.07	39.05 1.18 -17.77	35.05 1.38 -10.41	35.97 1.60 -6.89	41.15 2.11 -6.20	38.24 2.28 -3.59	35.42 2.34 0.00	40.76 2.88 -2.19	76.00 5.85 0.00	48.23 3.55 0.00	41.40 2.80 0.00	41.18 2.46 0.00	72.65 2.33 -37.00	68.66 2.16 -38.57	27.40 1.87 -0.05
BARRETT_IC_10 23701	18.53 1.05 0.00	16.34 0.91 0.00	15.85 0.80 0.00	18.21 0.78 0.00	19.76 0.84 0.00	14.47 0.70 0.00	16.40 0.68 0.00	15.87 0.77 0.00	17.78 0.69 -0.43	19.73 0.79 -0.07	39.05 1.18 -17.77	35.05 1.38 -10.41	35.97 1.60 -6.89	41.15 2.11 -6.20	38.24 2.28 -3.59	35.42 2.34 0.00	40.76 2.88 -2.19	76.00 5.85 0.00	48.23 3.55 0.00	41.40 2.80 0.00	41.18 2.46 0.00	72.65 2.33 -37.00	68.66 2.16 -38.57	27.40 1.87 -0.05
BARRETT_IC_11 23702	18.53 1.05 0.00	16.34 0.91 0.00	15.85 0.80 0.00	18.21 0.78 0.00	19.76 0.84 0.00	14.47 0.70 0.00	16.40 0.68 0.00	15.87 0.77 0.00	17.78 0.69 -0.43	19.73 0.79 -0.07	39.05 1.18 -17.77	35.05 1.38 -10.41	35.97 1.60 -6.89	41.15 2.11 -6.20	38.24 2.28 -3.59	35.42 2.34 0.00	40.76 2.88 -2.19	76.00 5.85 0.00	48.23 3.55 0.00	41.40 2.80 0.00	41.18 2.46 0.00	72.65 2.33 -37.00	68.66 2.16 -38.57	27.40 1.87 -0.05
BARRETT_IC_12 23703	18.53 1.05 0.00	16.34 0.91 0.00	15.85 0.80 0.00	18.21 0.78 0.00	19.76 0.84 0.00	14.47 0.70 0.00	16.40 0.68 0.00	15.87 0.77 0.00	17.78 0.69 -0.43	19.73 0.79 -0.07	39.05 1.18 -17.77	35.05 1.38 -10.41	35.97 1.60 -6.89	41.15 2.11 -6.20	38.24 2.28 -3.59	35.42 2.34 0.00	40.76 2.88 -2.19	76.00 5.85 0.00	48.23 3.55 0.00	41.40 2.80 0.00	41.18 2.46 0.00	72.65 2.33 -37.00	68.66 2.16 -38.57	27.40 1.87 -0.05
BARRETT_IC_2 23705	18.53 1.05 0.00	16.34 0.91 0.00	15.85 0.80 0.00	18.21 0.78 0.00	19.76 0.84 0.00	14.47 0.70 0.00	16.40 0.68 0.00	15.87 0.77 0.00	17.78 0.69 -0.43	19.73 0.79 -0.07	39.05 1.18 -17.77	35.05 1.38 -10.41	35.97 1.60 -6.89	41.15 2.11 -6.20	38.24 2.28 -3.59	35.42 2.34 0.00	40.76 2.88 -2.19	76.00 5.85 0.00	48.23 3.55 0.00	41.40 2.80 0.00	41.18 2.46 0.00	72.65 2.33 -37.00	68.66 2.16 -38.57	27.40 1.87 -0.05
BARRETT_IC_3 23706	18.53 1.05 0.00	16.34 0.91 0.00	15.85 0.80 0.00	18.21 0.78 0.00	19.76 0.84 0.00	14.47 0.70 0.00	16.40 0.68 0.00	15.87 0.77 0.00	17.78 0.69 -0.43	19.73 0.79 -0.07	39.05 1.18 -17.77	35.05 1.38 -10.41	35.97 1.60 -6.89	41.15 2.11 -6.20	38.24 2.28 -3.59	35.42 2.34 0.00	40.76 2.88 -2.19	76.00 5.85 0.00	48.23 3.55 0.00	41.40 2.80 0.00	41.18 2.46 0.00	72.65 2.33 -37.00	68.66 2.16 -38.57	27.40 1.87 -0.05
BARRETT_IC_4 23707	18.53 1.05 0.00	16.34 0.91 0.00	15.85 0.80 0.00	18.21 0.78 0.00	19.76 0.84 0.00	14.47 0.70 0.00	16.40 0.68 0.00	15.87 0.77 0.00	17.78 0.69 -0.43	19.73 0.79 -0.07	39.05 1.18 -17.77	35.05 1.38 -10.41	35.97 1.60 -6.89	41.15 2.11 -6.20	38.24 2.28 -3.59	35.42 2.34 0.00	40.76 2.88 -2.19	76.00 5.85 0.00	48.23 3.55 0.00	41.40 2.80 0.00	41.18 2.46 0.00	72.65 2.33 -37.00	68.66 2.16 -38.57	27.40 1.87 -0.05
BARRETT_IC_5 23708	18.53 1.05 0.00	16.34 0.91 0.00	15.85 0.80 0.00	18.21 0.78 0.00	19.76 0.84 0.00	14.47 0.70 0.00	16.40 0.68 0.00	15.87 0.77 0.00	17.78 0.69 -0.43	19.73 0.79 -0.07	39.05 1.18 -17.77	35.05 1.38 -10.41	35.97 1.60 -6.89	41.15 2.11 -6.20	38.24 2.28 -3.59	35.42 2.34 0.00	40.76 2.88 -2.19	76.00 5.85 0.00	48.23 3.55 0.00	41.40 2.80 0.00	41.18 2.46 0.00	72.65 2.33 -37.00	68.66 2.16 -38.57	27.40 1.87 -0.05
BARRETT_IC_6 23709	18.53 1.05 0.00	16.34 0.91 0.00	15.85 0.80 0.00	18.21 0.78 0.00	19.76 0.84 0.00	14.47 0.70 0.00	16.40 0.68 0.00	15.87 0.77 0.00	17.78 0.69 -0.43	19.73 0.79 -0.07	39.05 1.18 -17.77	35.05 1.38 -10.41	35.97 1.60 -6.89	41.15 2.11 -6.20	38.24 2.28 -3.59	35.42 2.34 0.00	40.76 2.88 -2.19	76.00 5.85 0.00	48.23 3.55 0.00	41.40 2.80 0.00	41.18 2.46 0.00	72.65 2.33 -37.00	68.66 2.16 -38.57	27.40 1.87 -0.05
BARRETT_IC_7 23710	18.53 1.05 0.00	16.34 0.91 0.00	15.85 0.80 0.00	18.21 0.77 0.00	19.76 0.83 0.00	14.48 0.70 0.00	16.40 0.68 0.00	15.87 0.76 0.00	17.78 0.69 -0.43	19.73 0.79 -0.07	39.03 1.16 -17.77	35.05 1.38 -10.41	35.97 1.60 -6.89	41.15 2.11 -6.20	38.24 2.28 -3.59	35.42 2.34 0.00	40.76 2.88 -2.19	76.00 5.85 0.00	48.23 3.55 0.00	41.40 2.81 0.00	41.17 2.46 0.00	72.65 2.34 -36.99	68.66 2.16 -38.57	27.40 1.87 -0.05

BARRETT_IC_8 23711	18.53 1.05 0.00	16.34 0.91 0.00	15.85 0.80 0.00	18.21 0.78 0.00	19.76 0.84 0.00	14.47 0.70 0.00	16.40 0.68 0.00	15.87 0.77 0.00	17.78 0.69 -0.43	19.73 0.79 -0.07	39.05 1.18 -17.77	35.05 1.38 -10.41	35.97 1.60 -6.89	41.15 2.11 -6.20	38.24 2.28 -3.59	35.42 2.34 0.00	40.76 2.88 -2.19	76.00 5.85 0.00	48.23 3.55 0.00	41.40 2.80 0.00	41.18 2.46 0.00	72.65 2.33 -37.00	68.66 2.16 -38.57	27.40 1.87 -0.05
BARRETT_IC_9 23700	18.53 1.05 0.00	16.34 0.91 0.00	15.85 0.80 0.00	18.21 0.78 0.00	19.76 0.84 0.00	14.47 0.70 0.00	16.40 0.68 0.00	15.87 0.77 0.00	17.78 0.69 -0.43	19.73 0.79 -0.07	39.05 1.18 -17.77	35.05 1.38 -10.41	35.97 1.60 -6.89	41.15 2.11 -6.20	38.24 2.28 -3.59	35.42 2.34 0.00	40.76 2.88 -2.19	76.00 5.85 0.00	48.23 3.55 0.00	41.40 2.80 0.00	41.18 2.46 0.00	72.65 2.33 -37.00	68.66 2.16 -38.57	27.40 1.87 -0.05
BARRETT___1 23545	18.53 1.05 0.00	16.34 0.91 0.00	15.85 0.80 0.00	18.21 0.78 0.00	19.76 0.84 0.00	14.47 0.70 0.00	16.40 0.68 0.00	15.87 0.77 0.00	17.78 0.69 -0.43	19.73 0.79 -0.07	39.05 1.18 -17.77	35.05 1.38 -10.41	35.97 1.60 -6.89	41.15 2.11 -6.20	38.24 2.28 -3.59	35.42 2.34 0.00	40.76 2.88 -2.19	76.00 5.85 0.00	48.23 3.55 0.00	41.40 2.80 0.00	41.18 2.46 0.00	72.65 2.33 -37.00	68.66 2.16 -38.57	27.40 1.87 -0.05
BARRETT___2 23546	18.53 1.05 0.00	16.34 0.91 0.00	15.85 0.80 0.00	18.21 0.78 0.00	19.76 0.84 0.00	14.47 0.70 0.00	16.40 0.68 0.00	15.87 0.77 0.00	17.78 0.69 -0.43	19.73 0.79 -0.07	39.05 1.18 -17.77	35.05 1.38 -10.41	35.97 1.60 -6.89	41.15 2.11 -6.20	38.24 2.28 -3.59	35.42 2.34 0.00	40.76 2.88 -2.19	76.00 5.85 0.00	48.23 3.55 0.00	41.40 2.80 0.00	41.18 2.46 0.00	72.65 2.33 -37.00	68.66 2.16 -38.57	27.40 1.87 -0.05
BATAVIA___115KV_TB1 55881	17.48 0.00 0.00	15.29 -0.13 0.00	14.80 -0.25 0.00	17.16 -0.28 0.00	18.54 -0.39 0.00	13.40 -0.37 0.00	15.41 -0.32 0.00	14.73 -0.37 0.00	16.37 -0.29 0.00	19.05 0.18 0.00	20.49 0.38 0.00	23.83 0.57 0.00	28.14 0.66 0.00	33.61 0.77 0.00	32.68 0.31 0.00	33.25 0.17 0.00	35.68 -0.02 0.00	70.03 -0.12 0.00	42.58 -0.15 1.95	38.52 0.09 0.17	37.47 -0.09 1.16	33.32 0.01 0.00	28.11 0.18 0.00	25.85 0.36 0.00
BAYONEEC___CTG1 323682	18.35 0.87 0.00	16.19 0.76 0.00	15.69 0.64 0.00	18.08 0.65 0.00	19.63 0.70 0.00	14.29 0.52 0.00	16.27 0.55 0.00	15.69 0.59 0.00	17.69 0.59 -0.43	19.49 0.62 0.00	23.25 0.93 -2.22	24.47 1.20 0.00	29.31 1.55 -0.28	35.53 2.06 -0.63	35.16 2.23 -0.56	35.35 2.27 0.00	38.49 2.79 0.00	76.07 5.92 0.00	48.33 3.65 0.00	41.50 2.90 0.00	41.22 2.51 0.00	35.51 2.19 0.00	35.09 1.86 -5.30	27.06 1.57 0.00
BAYONEEC___CTG10 323750	18.35 0.87 0.00	16.19 0.76 0.00	15.69 0.64 0.00	18.08 0.65 0.00	19.63 0.70 0.00	14.29 0.52 0.00	16.27 0.55 0.00	15.69 0.59 0.00	17.69 0.59 -0.43	19.49 0.62 0.00	23.25 0.93 -2.22	24.47 1.20 0.00	29.31 1.55 -0.28	35.53 2.06 -0.63	35.16 2.23 -0.56	35.35 2.27 0.00	38.49 2.79 0.00	76.07 5.92 0.00	48.33 3.65 0.00	41.50 2.90 0.00	41.22 2.51 0.00	35.51 2.19 0.00	35.09 1.86 -5.30	27.06 1.57 0.00
BAYONEEC___CTG2 323683	18.35 0.87 0.00	16.19 0.76 0.00	15.69 0.64 0.00	18.08 0.65 0.00	19.63 0.70 0.00	14.29 0.52 0.00	16.27 0.55 0.00	15.69 0.59 0.00	17.69 0.59 -0.43	19.49 0.62 0.00	23.25 0.93 -2.22	24.47 1.20 0.00	29.31 1.55 -0.28	35.53 2.06 -0.63	35.16 2.23 -0.56	35.35 2.27 0.00	38.49 2.79 0.00	76.07 5.92 0.00	48.33 3.65 0.00	41.50 2.90 0.00	41.22 2.51 0.00	35.51 2.19 0.00	35.09 1.86 -5.30	27.06 1.57 0.00
BAYONEEC___CTG3 323684	18.35 0.87 0.00	16.19 0.76 0.00	15.69 0.64 0.00	18.08 0.65 0.00	19.63 0.70 0.00	14.29 0.52 0.00	16.27 0.55 0.00	15.69 0.59 0.00	17.69 0.59 -0.43	19.49 0.62 0.00	23.25 0.93 -2.22	24.47 1.20 0.00	29.31 1.55 -0.28	35.53 2.06 -0.63	35.16 2.23 -0.56	35.35 2.27 0.00	38.49 2.79 0.00	76.07 5.92 0.00	48.33 3.65 0.00	41.50 2.90 0.00	41.22 2.51 0.00	35.51 2.19 0.00	35.09 1.86 -5.30	27.06 1.57 0.00
BAYONEEC___CTG4 323685	18.35 0.87 0.00	16.19 0.76 0.00	15.69 0.64 0.00	18.08 0.65 0.00	19.63 0.70 0.00	14.29 0.52 0.00	16.27 0.55 0.00	15.69 0.59 0.00	17.69 0.59 -0.43	19.49 0.62 0.00	23.25 0.93 -2.22	24.47 1.20 0.00	29.31 1.55 -0.28	35.53 2.06 -0.63	35.16 2.23 -0.56	35.35 2.27 0.00	38.49 2.79 0.00	76.07 5.92 0.00	48.33 3.65 0.00	41.50 2.90 0.00	41.22 2.51 0.00	35.51 2.19 0.00	35.09 1.86 -5.30	27.06 1.57 0.00
BAYONEEC___CTG5 323686	18.35 0.87 0.00	16.19 0.76 0.00	15.69 0.64 0.00	18.08 0.65 0.00	19.63 0.70 0.00	14.29 0.52 0.00	16.27 0.55 0.00	15.69 0.59 0.00	17.69 0.59 -0.43	19.49 0.62 0.00	23.25 0.93 -2.22	24.47 1.20 0.00	29.31 1.55 -0.28	35.53 2.06 -0.63	35.16 2.23 -0.56	35.35 2.27 0.00	38.49 2.79 0.00	76.07 5.92 0.00	48.33 3.65 0.00	41.50 2.90 0.00	41.22 2.51 0.00	35.51 2.19 0.00	35.09 1.86 -5.30	27.06 1.57 0.00
BAYONEEC___CTG6 323687	18.35 0.87 0.00	16.19 0.76 0.00	15.69 0.64 0.00	18.08 0.65 0.00	19.63 0.70 0.00	14.29 0.52 0.00	16.27 0.55 0.00	15.69 0.59 0.00	17.69 0.59 -0.43	19.49 0.62 0.00	23.25 0.93 -2.22	24.47 1.20 0.00	29.31 1.55 -0.28	35.53 2.06 -0.63	35.16 2.23 -0.56	35.35 2.27 0.00	38.49 2.79 0.00	76.07 5.92 0.00	48.33 3.65 0.00	41.50 2.90 0.00	41.22 2.51 0.00	35.51 2.19 0.00	35.09 1.86 -5.30	27.06 1.57 0.00
BAYONEEC___CTG7 323688	18.35 0.87 0.00	16.19 0.76 0.00	15.69 0.64 0.00	18.08 0.65 0.00	19.63 0.70 0.00	14.29 0.52 0.00	16.27 0.55 0.00	15.69 0.59 0.00	17.69 0.59 -0.43	19.49 0.62 0.00	23.25 0.93 -2.22	24.47 1.20 0.00	29.31 1.55 -0.28	35.53 2.06 -0.63	35.16 2.23 -0.56	35.35 2.27 0.00	38.49 2.79 0.00	76.07 5.92 0.00	48.33 3.65 0.00	41.50 2.90 0.00	41.22 2.51 0.00	35.51 2.19 0.00	35.09 1.86 -5.30	27.06 1.57 0.00
BAYONEEC___CTG8 323689	18.35 0.87 0.00	16.19 0.76 0.00	15.69 0.64 0.00	18.08 0.65 0.00	19.63 0.70 0.00	14.29 0.52 0.00	16.27 0.55 0.00	15.69 0.59 0.00	17.69 0.59 -0.43	19.49 0.62 0.00	23.25 0.93 -2.22	24.47 1.20 0.00	29.31 1.55 -0.28	35.53 2.06 -0.63	35.16 2.23 -0.56	35.35 2.27 0.00	38.49 2.79 0.00	76.07 5.92 0.00	48.33 3.65 0.00	41.50 2.90 0.00	41.22 2.51 0.00	35.51 2.19 0.00	35.09 1.86 -5.30	27.06 1.57 0.00
BAYONEEC___CTG9 323749	18.35 0.87 0.00	16.19 0.76 0.00	15.69 0.64 0.00	18.08 0.65 0.00	19.63 0.70 0.00	14.29 0.52 0.00	16.27 0.55 0.00	15.69 0.59 0.00	17.69 0.59 -0.43	19.49 0.62 0.00	23.25 0.93 -2.22	24.47 1.20 0.00	29.31 1.55 -0.28	35.53 2.06 -0.63	35.16 2.23 -0.56	35.35 2.27 0.00	38.49 2.79 0.00	76.07 5.92 0.00	48.33 3.65 0.00	41.50 2.90 0.00	41.22 2.51 0.00	35.51 2.19 0.00	35.09 1.86 -5.30	27.06 1.57 0.00

BEACON___LESR 323632	17.80 0.31 0.00	15.78 0.35 0.00	15.34 0.30 0.00	17.69 0.25 0.00	19.20 0.28 0.00	14.06 0.29 0.00	15.96 0.23 0.00	15.35 0.25 0.00	16.89 0.13 -0.10	18.94 0.07 0.00	20.83 0.21 -0.51	23.51 0.24 0.00	27.56 0.38 0.31	32.79 0.64 0.68	32.58 0.82 0.61	34.02 0.94 0.00	37.08 1.39 0.00	73.28 3.13 0.00	46.69 2.01 0.00	40.14 1.54 0.00	40.12 1.41 0.00	34.36 1.04 0.00	29.91 0.76 -1.22	26.04 0.55 0.00
BEAVER RIVER___HYD 24048	16.76 -0.72 0.00	14.87 -0.56 0.00	14.63 -0.42 0.00	16.96 -0.48 0.00	18.40 -0.53 0.00	13.39 -0.38 0.00	15.39 -0.33 0.00	14.90 -0.21 0.00	16.57 -0.09 0.00	18.84 -0.03 0.00	20.09 -0.02 0.00	23.24 -0.02 0.00	27.19 -0.29 0.00	32.53 -0.31 0.00	31.74 -0.63 0.00	32.41 -0.66 0.00	35.39 -0.31 0.00	69.69 -0.46 0.00	44.91 0.23 0.00	38.79 0.20 0.00	38.48 -0.23 0.00	33.21 -0.11 0.00	27.63 -0.30 0.00	24.90 -0.59 0.00
BEEBEE_GT_13 23619	17.45 -0.04 0.00	15.30 -0.13 0.00	14.84 -0.21 0.00	17.19 -0.25 0.00	18.59 -0.33 0.00	13.45 -0.32 0.00	15.43 -0.29 0.00	14.78 -0.32 0.00	16.40 -0.27 0.00	18.95 0.08 0.00	20.35 0.24 0.00	23.67 0.41 0.00	27.96 0.48 0.00	33.44 0.60 0.00	32.68 0.30 0.00	33.28 0.20 0.00	35.83 0.13 0.00	70.23 0.08 0.00	44.53 -0.14 0.00	38.56 -0.04 0.00	38.49 -0.23 0.00	33.18 -0.14 0.00	27.96 0.02 0.00	25.63 0.14 0.00
BENSHRST_27_KV_BENSHRST_1 355998	18.52 1.04 0.00	16.32 0.89 0.00	15.80 0.75 0.00	18.20 0.76 0.00	19.75 0.83 0.00	14.38 0.61 0.00	16.38 0.66 0.00	15.80 0.70 0.00	17.82 0.72 -0.43	19.66 0.79 0.00	23.44 1.12 -2.22	24.72 1.45 0.00	29.64 1.88 -0.28	35.98 2.51 -0.63	35.66 2.73 -0.56	35.83 2.75 0.00	38.98 3.28 0.00	77.15 7.00 0.00	49.05 4.37 0.00	42.11 3.51 0.00	41.81 3.10 0.00	36.02 2.70 0.00	35.52 2.29 -5.30	27.43 1.94 0.00
BETHLEHEM___GRP 23843	17.53 0.04 0.00	15.60 0.17 0.00	15.19 0.14 0.00	17.49 0.05 0.00	18.98 0.06 0.00	13.92 0.15 0.00	15.77 0.05 0.00	15.14 0.04 0.00	16.65 -0.11 -0.10	18.64 -0.23 0.00	20.50 -0.11 -0.51	23.09 -0.17 0.00	27.07 -0.12 0.29	32.18 0.00 0.65	31.99 0.20 0.58	33.32 0.24 0.00	36.25 0.56 0.00	71.76 1.61 0.00	45.74 1.06 0.00	39.39 0.79 0.00	39.30 0.59 0.00	33.73 0.41 0.00	29.45 0.30 -1.21	25.64 0.15 0.00
BETHLEHEM___GS1 323560	17.53 0.05 0.00	15.60 0.17 0.00	15.19 0.14 0.00	17.49 0.05 0.00	18.99 0.06 0.00	13.92 0.15 0.00	15.77 0.05 0.00	15.15 0.04 0.00	16.65 -0.11 -0.10	18.64 -0.23 0.00	20.50 -0.11 -0.51	23.09 -0.17 0.00	27.07 -0.12 0.29	32.18 0.00 0.65	31.99 0.20 0.58	33.32 0.24 0.00	36.26 0.56 0.00	71.76 1.61 0.00	45.74 1.06 0.00	39.39 0.79 0.00	39.30 0.59 0.00	33.73 0.41 0.00	29.45 0.31 -1.21	25.64 0.15 0.00
BETHLEHEM___GS2 323561	17.53 0.05 0.00	15.60 0.17 0.00	15.19 0.14 0.00	17.49 0.05 0.00	18.99 0.06 0.00	13.92 0.15 0.00	15.77 0.05 0.00	15.15 0.04 0.00	16.65 -0.11 -0.10	18.64 -0.23 0.00	20.50 -0.11 -0.51	23.09 -0.17 0.00	27.07 -0.12 0.29	32.18 0.00 0.65	31.99 0.20 0.58	33.32 0.24 0.00	36.26 0.56 0.00	71.76 1.61 0.00	45.74 1.06 0.00	39.39 0.79 0.00	39.30 0.59 0.00	33.73 0.41 0.00	29.45 0.31 -1.21	25.64 0.15 0.00
BETHLEHEM___GS3 323562	17.53 0.05 0.00	15.60 0.17 0.00	15.19 0.14 0.00	17.49 0.05 0.00	18.99 0.06 0.00	13.92 0.15 0.00	15.77 0.05 0.00	15.15 0.04 0.00	16.65 -0.11 -0.10	18.64 -0.23 0.00	20.50 -0.11 -0.51	23.09 -0.17 0.00	27.07 -0.12 0.29	32.18 0.00 0.65	31.99 0.20 0.58	33.32 0.24 0.00	36.26 0.56 0.00	71.76 1.61 0.00	45.74 1.06 0.00	39.39 0.79 0.00	39.30 0.59 0.00	33.73 0.41 0.00	29.45 0.31 -1.21	25.64 0.15 0.00
BETHLEHEM___STEEL 23779	17.19 -0.30 0.00	15.01 -0.42 0.00	14.52 -0.53 0.00	16.83 -0.61 0.00	18.19 -0.74 0.00	13.14 -0.63 0.00	15.13 -0.59 0.00	14.48 -0.63 0.00	16.11 -0.56 0.00	18.83 -0.04 0.00	20.27 0.17 0.00	23.65 0.39 0.00	27.85 0.37 0.00	33.25 0.41 0.00	32.23 -0.14 0.00	32.79 -0.29 0.00	35.12 -0.57 0.00	68.46 -1.69 0.00	39.74 -1.33 3.60	37.29 -0.99 0.31	35.38 -1.20 2.13	32.38 -0.94 0.00	27.37 -0.56 0.00	25.17 -0.32 0.00
BETHLHEM_115KV_TB1 79974	17.58 0.10 0.00	15.63 0.20 0.00	15.22 0.17 0.00	17.54 0.10 0.00	19.04 0.11 0.00	13.94 0.17 0.00	15.80 0.08 0.00	15.17 0.07 0.00	16.70 -0.06 -0.10	18.70 -0.17 0.00	20.56 -0.05 -0.50	23.17 -0.10 0.00	27.17 -0.04 0.28	32.33 0.11 0.62	32.12 0.29 0.55	33.42 0.35 0.00	36.36 0.66 0.00	71.94 1.79 0.00	45.85 1.17 0.00	39.50 0.90 0.00	39.40 0.68 0.00	33.83 0.51 0.00	29.53 0.39 -1.21	25.72 0.23 0.00
BETHPAGE_CC_5 323564	18.70 1.22 0.00	16.50 1.07 0.00	15.98 0.93 0.00	18.37 0.93 0.00	19.93 1.00 0.00	14.57 0.80 0.00	16.54 0.82 0.00	15.99 0.88 0.00	17.94 0.84 -0.43	19.90 0.96 -0.07	32.84 1.36 -11.37	35.32 1.65 -10.41	36.44 2.07 -6.89	42.58 2.64 -7.10	38.91 2.79 -3.75	36.67 2.83 -0.76	46.16 3.42 -7.04	81.08 6.98 -3.95	54.30 4.31 -5.32	44.04 3.36 -2.08	41.71 3.00 0.00	73.14 2.83 -37.00	68.95 2.45 -38.57	27.62 2.08 -0.05
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.24 -0.24 0.00	15.05 -0.38 0.00	14.55 -0.50 0.00	16.87 -0.57 0.00	18.23 -0.69 0.00	13.17 -0.60 0.00	15.17 -0.55 0.00	14.52 -0.58 0.00	16.15 -0.51 0.00	18.88 0.01 0.00	20.33 0.22 0.00	23.74 0.47 0.00	27.96 0.47 0.00	33.39 0.55 0.00	32.37 0.00 0.00	32.95 -0.13 0.00	35.30 -0.39 0.00	68.83 -1.33 0.00	40.18 -1.10 3.40	37.50 -0.81 0.29	35.68 -1.02 2.01	32.52 -0.80 0.00	27.47 -0.47 0.00	25.25 -0.24 0.00
BINGHAMTON___COGEN 23790	17.64 0.16 0.00	15.47 0.05 0.00	15.08 0.03 0.00	17.46 0.02 0.00	18.93 0.00 0.00	13.73 -0.04 0.00	15.72 0.00 0.00	15.09 -0.01 0.00	16.63 -0.04 0.00	18.93 0.06 0.00	20.25 0.14 0.00	23.55 0.29 0.00	27.77 0.29 0.00	33.31 0.47 0.00	32.77 0.40 0.00	33.55 0.47 0.00	36.33 0.63 0.00	71.60 1.45 0.00	45.49 0.81 0.00	39.28 0.69 0.00	39.18 0.46 0.00	33.69 0.37 0.00	28.24 0.30 0.00	25.76 0.28 0.00
BIXINCNT_115KV_LOAD 355685	17.17 -0.31 0.00	14.86 -0.57 0.00	14.23 -0.82 0.00	16.51 -0.93 0.00	17.81 -1.12 0.00	12.96 -0.81 0.00	15.01 -0.71 0.00	14.45 -0.65 0.00	16.04 -0.62 0.00	18.66 -0.21 0.00	20.09 -0.02 0.00	23.58 0.31 0.00	27.80 0.31 0.00	33.25 0.41 0.00	32.21 -0.17 0.00	32.82 -0.26 0.00	35.12 -0.58 0.00	68.89 -1.26 0.00	41.59 -0.80 2.28	37.78 -0.62 0.20	36.35 -1.02 1.35	32.40 -0.92 0.00	27.06 -0.87 0.00	24.96 -0.53 0.00
BLACK RIVER___HYD 24047	16.90 -0.58 0.00	14.95 -0.47 0.00	14.71 -0.34 0.00	17.04 -0.39 0.00	18.47 -0.46 0.00	13.44 -0.33 0.00	15.46 -0.27 0.00	14.99 -0.11 0.00	16.66 0.00 0.00	18.93 0.06 0.00	20.24 0.13 0.00	23.39 0.12 0.00	27.31 -0.17 0.00	32.67 -0.17 0.00	31.83 -0.54 0.00	32.52 -0.56 0.00	35.58 -0.11 0.00	70.36 0.21 0.00	45.43 0.76 0.00	39.38 0.78 0.00	38.99 0.28 0.00	33.61 0.29 0.00	27.95 0.02 0.00	25.16 -0.33 0.00

BLACKRVR_115KV_TB2 79977	16.90 -0.58 0.00	14.95 -0.47 0.00	14.71 -0.34 0.00	17.04 -0.39 0.00	18.46 -0.46 0.00	13.43 -0.33 0.00	15.46 -0.26 0.00	14.99 -0.11 0.00	16.66 0.00 0.00	18.93 0.06 0.00	20.24 0.13 0.00	23.39 0.12 0.00	27.31 -0.17 0.00	32.67 -0.17 0.00	31.83 -0.54 0.00	32.52 -0.56 0.00	35.59 -0.11 0.00	70.36 0.21 0.00	45.43 0.76 0.00	39.38 0.78 0.00	38.99 0.28 0.00	33.61 0.29 0.00	27.95 0.02 0.00	25.16 -0.33 0.00
BLISS_WT_PWR 323608	17.11 -0.37 0.00	14.78 -0.65 0.00	14.11 -0.94 0.00	16.36 -1.08 0.00	17.65 -1.28 0.00	12.87 -0.91 0.00	14.93 -0.79 0.00	14.38 -0.72 0.00	15.98 -0.69 0.00	18.57 -0.30 0.00	20.00 -0.11 0.00	23.51 0.25 0.00	27.75 0.26 0.00	33.20 0.36 0.00	32.11 -0.26 0.00	32.73 -0.35 0.00	34.98 -0.71 0.00	68.70 -1.45 0.00	41.54 -0.86 2.28	37.72 -0.68 0.20	36.25 -1.12 1.35	32.27 -1.05 0.00	26.89 -1.04 0.00	24.84 -0.65 0.00
BLUESTONE___WT_PWR 323821	18.30 0.82 0.00	16.07 0.64 0.00	15.66 0.61 0.00	18.12 0.69 0.00	19.63 0.70 0.00	14.26 0.49 0.00	16.35 0.63 0.00	15.71 0.61 0.00	17.32 0.66 0.00	19.66 0.78 0.00	21.02 0.91 0.00	24.40 1.13 0.00	28.81 1.33 0.00	34.59 1.75 0.00	34.09 1.72 0.00	34.92 1.84 0.00	38.02 2.32 0.00	75.45 5.30 0.00	48.19 3.51 0.00	41.62 3.03 0.00	41.50 2.78 0.00	35.49 2.17 0.00	29.65 1.71 0.00	26.87 1.38 0.00
BLUE_CIRC_CHEM_DRP 24182	17.80 0.33 0.00	15.80 0.37 0.00	15.40 0.35 0.00	17.80 0.36 0.00	19.32 0.39 0.00	14.11 0.34 0.00	16.02 0.30 0.00	15.37 0.26 0.00	16.93 0.18 -0.09	18.96 0.09 0.00	20.78 0.21 -0.47	23.43 0.17 0.00	27.54 0.26 0.20	32.85 0.47 0.46	32.62 0.65 0.40	33.76 0.68 0.00	36.72 1.02 0.00	72.62 2.47 0.00	46.32 1.64 0.00	39.93 1.33 0.00	39.86 1.14 0.00	34.23 0.92 0.00	29.77 0.72 -1.12	26.04 0.55 0.00
BOC_GAS_DRP 24189	17.70 0.22 0.00	15.69 0.26 0.00	15.28 0.23 0.00	17.67 0.23 0.00	19.18 0.25 0.00	13.99 0.22 0.00	15.89 0.16 0.00	15.25 0.15 0.00	16.84 0.08 -0.10	18.87 0.00 0.00	20.73 0.13 -0.49	23.38 0.12 0.00	27.49 0.20 0.20	32.77 0.39 0.45	32.53 0.55 0.40	33.65 0.57 0.00	36.57 0.87 0.00	72.26 2.11 0.00	46.05 1.37 0.00	39.67 1.07 0.00	39.59 0.88 0.00	34.02 0.70 0.00	29.68 0.56 -1.19	25.90 0.41 0.00
BOONVILLE_115KV_TB1 79983	17.38 -0.10 0.00	15.36 -0.07 0.00	15.03 -0.02 0.00	17.43 -0.01 0.00	18.90 -0.03 0.00	13.75 -0.02 0.00	15.76 0.04 0.00	15.19 0.09 0.00	16.83 0.17 0.00	19.12 0.25 0.00	20.40 0.29 0.00	23.62 0.35 0.00	27.78 0.29 0.00	33.27 0.43 0.00	32.66 0.28 0.00	33.40 0.32 0.00	36.34 0.64 0.00	71.71 1.57 0.00	45.93 1.25 0.00	39.63 1.03 0.00	39.48 0.76 0.00	33.96 0.65 0.00	28.34 0.40 0.00	25.66 0.17 0.00
BORALEX_4TH_BRANCH 23824	17.96 0.47 0.00	15.95 0.52 0.00	15.50 0.45 0.00	17.93 0.49 0.00	19.51 0.58 0.00	14.22 0.45 0.00	16.18 0.45 0.00	15.48 0.38 0.00	17.12 0.35 -0.11	19.01 0.14 0.00	20.92 0.25 -0.56	23.43 0.18 0.01	27.06 0.26 0.69	31.75 0.45 1.55	31.69 0.69 1.37	33.86 0.78 0.00	36.93 1.24 0.00	73.25 3.10 0.00	46.81 2.13 0.00	40.32 1.72 0.00	40.24 1.53 0.00	34.55 1.23 0.00	30.28 1.00 -1.34	26.27 0.78 0.00
BOWLINE___1 23526	18.17 0.69 0.00	16.02 0.59 0.00	15.54 0.49 0.00	17.94 0.50 0.00	19.47 0.55 0.00	14.17 0.40 0.00	16.13 0.41 0.00	15.53 0.43 0.00	16.46 0.42 0.62	19.29 0.42 0.00	17.63 0.69 3.17	24.17 0.90 0.00	28.93 1.19 -0.26	35.08 1.65 -0.58	34.73 1.85 -0.52	34.95 1.87 0.00	38.06 2.37 0.00	75.35 5.20 0.00	47.88 3.21 0.00	41.11 2.51 0.00	40.85 2.14 0.00	35.10 1.78 0.00	21.82 1.47 7.57	26.69 1.21 0.00
BOWLINE___2 23595	18.17 0.69 0.00	16.02 0.59 0.00	15.54 0.49 0.00	17.94 0.50 0.00	19.48 0.55 0.00	14.17 0.40 0.00	16.13 0.41 0.00	15.53 0.43 0.00	16.46 0.42 0.62	19.29 0.42 0.00	17.62 0.69 3.17	24.17 0.90 0.00	28.93 1.19 -0.26	35.07 1.65 -0.58	34.73 1.85 -0.52	34.95 1.87 0.00	38.06 2.37 0.00	75.35 5.20 0.00	47.88 3.21 0.00	41.11 2.51 0.00	40.85 2.14 0.00	35.10 1.78 0.00	21.82 1.47 7.58	26.69 1.21 0.00
BRADY___115KV_TB2 356060	17.41 -0.07 0.00	15.38 -0.05 0.00	15.08 0.03 0.00	17.51 0.08 0.00	19.02 0.09 0.00	13.88 0.11 0.00	15.91 0.19 0.00	15.31 0.21 0.00	16.92 0.25 0.00	19.10 0.23 0.00	20.14 0.04 0.00	23.30 0.03 0.00	27.52 0.04 0.00	32.68 -0.16 0.00	32.07 -0.30 0.00	32.77 -0.30 0.00	35.12 -0.57 0.00	68.08 -2.07 0.00	44.15 -0.53 0.00	38.35 -0.25 0.00	38.69 -0.02 0.00	33.29 -0.02 0.00	27.83 -0.10 0.00	25.33 -0.16 0.00
BRANSCOMB___SOLAR 323811	18.28 0.80 0.00	16.18 0.76 0.00	15.76 0.71 0.00	18.22 0.78 0.00	19.78 0.86 0.00	14.41 0.64 0.00	16.42 0.69 0.00	15.70 0.60 0.00	17.35 0.59 -0.10	19.44 0.57 0.00	21.28 0.67 -0.50	23.97 0.71 0.00	28.02 0.91 0.37	33.04 1.04 0.83	32.86 1.22 0.74	34.45 1.37 0.00	37.52 1.82 0.00	74.54 4.39 0.00	47.71 3.03 0.00	41.13 2.53 0.00	41.01 2.30 0.00	35.13 1.81 0.00	30.56 1.44 -1.19	26.65 1.16 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	18.94 1.46 0.00	16.72 1.29 0.00	16.21 1.17 0.00	18.61 1.17 0.00	20.16 1.23 0.00	14.75 0.99 0.00	16.74 1.02 0.00	16.21 1.11 0.00	18.14 1.05 -0.43	20.14 1.20 -0.07	32.65 1.65 -10.89	35.69 2.02 -10.41	36.91 2.48 -6.94	52.84 3.06 -16.95	45.32 3.04 -9.90	56.82 2.96 -20.79	101.09 3.49 -61.91	124.32 7.01 -47.16	112.52 4.36 -63.48	66.85 3.36 -24.89	41.87 3.15 0.00	73.41 3.10 -36.99	69.31 2.81 -38.57	27.94 2.41 -0.05
BRISTLHL_115KV_TB1 79998	17.56 0.08 0.00	15.45 0.02 0.00	15.04 -0.01 0.00	17.42 -0.02 0.00	18.86 -0.07 0.00	13.69 -0.08 0.00	15.64 -0.08 0.00	15.02 -0.08 0.00	16.58 -0.08 0.00	18.84 -0.03 0.00	20.08 -0.03 0.00	23.23 -0.03 0.00	27.40 -0.08 0.00	32.80 -0.04 0.00	32.29 -0.09 0.00	32.98 -0.10 0.00	35.68 -0.02 0.00	70.27 0.13 0.00	44.73 0.05 0.00	38.62 0.03 0.00	38.61 -0.10 0.00	33.20 -0.12 0.00	27.88 -0.05 0.00	25.56 0.07 0.00
BROOKHAVEN___DRP 24191	19.02 1.54 0.00	16.79 1.36 0.00	16.28 1.24 0.00	18.66 1.23 0.00	20.22 1.29 0.00	14.80 1.03 0.00	16.79 1.07 0.00	16.26 1.16 0.00	18.21 1.12 -0.43	20.25 1.31 -0.07	32.69 1.75 -10.83	35.78 2.11 -10.41	37.24 2.61 -7.15	93.48 3.24 -57.40	72.85 3.30 -37.17	144.71 3.35 -108.29	327.82 3.95 -288.17	302.73 7.85 -224.73	352.11 4.92 -302.52	161.07 3.86 -118.62	42.26 3.55 0.00	73.55 3.24 -36.99	69.41 2.91 -38.57	28.02 2.49 -0.05
BROOKLYN_NAVY_YARD 23515	18.30 0.82 0.00	16.14 0.71 0.00	15.64 0.60 0.01	18.02 0.59 0.01	19.56 0.65 0.01	-84.57 0.48 98.82	6.29 0.50 9.93	15.63 0.54 0.01	17.63 0.54 -0.42	-78.49 0.57 97.92	-300.66 0.86 321.63	24.40 1.14 0.00	29.22 1.46 -0.28	35.43 1.96 -0.63	35.06 2.13 -0.56	35.27 2.20 0.00	38.42 2.72 0.00	75.96 5.81 0.00	48.26 3.58 0.00	41.44 2.84 0.00	41.18 2.47 0.00	35.46 2.14 0.00	35.07 1.84 -5.30	27.04 1.55 0.00



BROOKLYN___ARMY_DRP 323595	18.42 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.66 0.74 0.00	14.32 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.27 -0.63	35.40 2.47 -0.56	35.55 2.48 0.00	38.68 2.98 0.00	76.56 6.41 0.00	48.68 4.00 0.00	41.79 3.19 0.00	41.48 2.77 0.00	35.74 2.43 0.00	35.30 2.06 -5.30	27.24 1.75 0.00
BROOKVLE_69_KV_TB1 55790	18.61 1.13 0.00	16.41 0.98 0.00	15.91 0.86 0.00	18.31 0.87 0.00	19.86 0.93 0.00	14.50 0.73 0.00	16.47 0.75 0.00	15.90 0.80 0.00	17.89 0.80 -0.43	19.85 0.90 -0.07	33.32 1.30 -11.92	35.29 1.61 -10.41	36.40 2.03 -6.89	41.72 2.67 -6.20	38.81 2.85 -3.59	35.90 2.82 0.00	41.30 3.42 -2.19	77.26 7.11 0.00	49.04 4.36 0.00	42.05 3.45 0.00	41.77 3.06 0.00	73.15 2.84 -36.99	68.90 2.39 -38.57	27.54 2.01 -0.05
BROOME_2_LFGE 323671	17.64 0.16 0.00	15.47 0.05 0.00	15.08 0.03 0.00	17.46 0.02 0.00	18.93 0.00 0.00	13.73 -0.04 0.00	15.72 0.00 0.00	15.09 -0.01 0.00	16.63 -0.04 0.00	18.93 0.06 0.00	20.25 0.14 0.00	23.55 0.29 0.00	27.77 0.29 0.00	33.31 0.47 0.00	32.77 0.40 0.00	33.55 0.47 0.00	36.33 0.63 0.00	71.60 1.45 0.00	45.49 0.81 0.00	39.29 0.69 0.00	39.17 0.46 0.00	33.69 0.37 0.00	28.23 0.30 0.00	25.77 0.28 0.00
BROOME___LFGE 323600	17.64 0.16 0.00	15.47 0.05 0.00	15.08 0.03 0.00	17.46 0.02 0.00	18.93 0.00 0.00	13.73 -0.04 0.00	15.72 0.00 0.00	15.09 -0.01 0.00	16.63 -0.04 0.00	18.93 0.06 0.00	20.25 0.14 0.00	23.55 0.29 0.00	27.77 0.29 0.00	33.31 0.47 0.00	32.77 0.40 0.00	33.55 0.47 0.00	36.33 0.63 0.00	71.60 1.45 0.00	45.49 0.81 0.00	39.29 0.69 0.00	39.17 0.46 0.00	33.69 0.37 0.00	28.23 0.30 0.00	25.77 0.28 0.00
BROWNFLS_115KV_TB_3_5 80003	16.91 -0.57 0.00	14.98 -0.45 0.00	14.72 -0.32 0.00	17.09 -0.35 0.00	18.54 -0.39 0.00	13.51 -0.26 0.00	15.52 -0.21 0.00	14.99 -0.12 0.00	16.63 -0.03 0.00	18.87 0.00 0.00	20.02 -0.09 0.00	23.15 -0.11 0.00	27.17 -0.32 0.00	32.39 -0.45 0.00	31.68 -0.69 0.00	32.36 -0.72 0.00	35.07 -0.62 0.00	68.59 -1.56 0.00	44.29 -0.39 0.00	38.32 -0.28 0.00	38.27 -0.44 0.00	33.02 -0.30 0.00	27.52 -0.41 0.00	24.90 -0.59 0.00
BROWNSV1_27_KV_LOAD 356125	18.55 1.07 0.00	16.35 0.92 0.00	15.85 0.80 0.00	18.26 0.82 0.00	19.81 0.89 0.00	14.43 0.66 0.00	16.42 0.70 0.00	15.84 0.74 0.00	17.87 0.77 -0.43	19.71 0.84 0.00	23.49 1.17 -2.22	24.76 1.50 0.00	29.68 1.91 -0.28	35.98 2.51 -0.63	35.63 2.70 -0.56	35.84 2.76 0.00	39.04 3.34 0.00	77.17 7.02 0.00	49.03 4.36 0.00	42.11 3.51 0.00	41.84 3.12 0.00	36.03 2.71 0.00	35.51 2.28 -5.30	27.43 1.94 0.00
BURROWS___LYONSDAL 23803	17.17 -0.31 0.00	15.19 -0.24 0.00	14.89 -0.16 0.00	17.27 -0.17 0.00	18.74 -0.19 0.00	13.63 -0.14 0.00	15.64 -0.08 0.00	15.09 -0.01 0.00	16.75 0.09 0.00	19.03 0.16 0.00	20.31 0.20 0.00	23.52 0.25 0.00	27.62 0.14 0.00	33.08 0.24 0.00	32.41 0.04 0.00	33.14 0.06 0.00	36.10 0.40 0.00	71.21 1.06 0.00	45.64 0.97 0.00	39.38 0.79 0.00	39.15 0.44 0.00	33.73 0.41 0.00	28.11 0.18 0.00	25.41 -0.08 0.00
CAITHNESS_CC_1 323624	18.95 1.47 0.00	16.73 1.31 0.00	16.23 1.18 0.00	18.60 1.16 0.00	20.17 1.25 0.00	14.75 0.98 0.00	16.74 1.02 0.00	16.21 1.11 0.00	18.15 1.06 -0.43	20.17 1.23 -0.07	32.61 1.66 -10.83	35.67 2.00 -10.41	37.10 2.47 -7.15	93.00 3.06 -57.10	72.18 3.12 -36.69	143.13 3.16 -106.90	325.84 3.76 -286.39	301.03 7.46 -223.42	350.10 4.67 -300.75	160.17 3.64 -117.93	42.03 3.32 0.00	73.38 3.07 -37.00	69.27 2.76 -38.57	27.90 2.37 -0.05
CALPINE BETH_PAGE_GT4 24209	18.67 1.19 0.00	16.46 1.03 0.00	15.96 0.91 0.00	18.34 0.90 0.00	19.89 0.96 0.00	14.55 0.78 0.00	16.51 0.79 0.00	15.96 0.86 0.00	17.91 0.82 -0.43	19.87 0.92 -0.07	33.03 1.31 -11.61	35.22 1.54 -10.41	36.32 1.95 -6.89	42.22 2.51 -6.88	38.75 2.67 -3.71	36.37 2.73 -0.57	44.80 3.30 -5.80	79.85 6.75 -2.94	52.80 4.16 -3.96	43.38 3.23 -1.55	41.57 2.86 0.00	73.01 2.70 -36.99	68.84 2.34 -38.57	27.52 1.98 -0.05
CALPINE_BETH_PAGE_GT_4 323586	18.67 1.19 0.00	16.46 1.03 0.00	15.96 0.91 0.00	18.34 0.90 0.00	19.89 0.97 0.00	14.55 0.78 0.00	16.51 0.79 0.00	15.96 0.86 0.00	17.91 0.82 -0.43	19.87 0.92 -0.07	33.03 1.31 -11.61	35.22 1.54 -10.41	36.32 1.95 -6.89	42.22 2.51 -6.88	38.74 2.67 -3.71	36.37 2.73 -0.57	44.80 3.30 -5.80	79.84 6.75 -2.94	52.79 4.16 -3.96	43.38 3.23 -1.55	41.57 2.86 0.00	73.01 2.70 -37.00	68.84 2.34 -38.57	27.52 1.98 -0.05
CALPINE_BP_GT1 23823	18.67 1.19 0.00	16.46 1.03 0.00	15.96 0.91 0.00	18.34 0.90 0.00	19.89 0.97 0.00	14.55 0.78 0.00	16.51 0.79 0.00	15.96 0.86 0.00	17.91 0.82 -0.43	19.87 0.92 -0.07	33.03 1.31 -11.61	35.22 1.54 -10.41	36.32 1.95 -6.89	42.22 2.51 -6.88	38.74 2.67 -3.71	36.37 2.73 -0.57	44.80 3.30 -5.80	79.84 6.75 -2.94	52.79 4.16 -3.96	43.38 3.23 -1.55	41.57 2.86 0.00	73.01 2.70 -37.00	68.84 2.34 -38.57	27.52 1.98 -0.05
CALSPAN___DRP 24200	17.19 -0.30 0.00	15.01 -0.42 0.00	14.52 -0.53 0.00	16.83 -0.61 0.00	18.19 -0.74 0.00	13.14 -0.63 0.00	15.13 -0.59 0.00	14.48 -0.63 0.00	16.11 -0.56 0.00	18.83 -0.04 0.00	20.27 0.17 0.00	23.65 0.39 0.00	27.85 0.37 0.00	33.25 0.41 0.00	32.23 -0.14 0.00	32.79 -0.29 0.00	35.12 -0.57 0.00	68.46 -1.69 0.00	39.74 -1.33 3.60	37.29 -0.99 0.31	35.38 -1.20 2.13	32.38 -0.94 0.00	27.37 -0.56 0.00	25.17 -0.32 0.00
CALVERTON___SOLAR 323806	19.11 1.62 0.00	16.87 1.44 0.00	16.36 1.31 0.00	18.74 1.30 0.00	20.33 1.40 0.00	14.86 1.09 0.00	16.86 1.13 0.00	16.33 1.23 0.00	18.29 1.20 -0.43	20.35 1.41 -0.07	32.81 1.87 -10.83	35.93 2.25 -10.41	37.42 2.79 -7.15	93.83 3.46 -57.53	73.27 3.54 -37.36	145.50 3.60 -108.83	328.84 4.22 -288.93	303.79 8.35 -225.29	353.20 5.25 -303.27	161.66 4.15 -118.91	42.54 3.82 0.00	73.78 3.47 -37.00	69.60 3.10 -38.57	28.19 2.65 -0.05
CANDIGU_WT_PWR 323617	17.07 -0.41 0.00	14.90 -0.54 0.00	14.41 -0.64 0.00	16.65 -0.79 0.00	18.07 -0.86 0.00	13.12 -0.65 0.00	15.16 -0.57 0.00	14.56 -0.54 0.00	16.09 -0.57 0.00	18.59 -0.28 0.00	19.98 -0.13 0.00	23.36 0.10 0.00	27.46 -0.02 0.00	32.88 0.04 0.00	32.08 -0.29 0.00	32.72 -0.36 0.00	35.32 -0.37 0.00	69.36 -0.79 0.00	23.78 -0.54 20.36	36.40 -0.44 1.76	25.93 -0.74 12.04	32.76 -0.56 0.00	27.46 -0.47 0.00	24.97 -0.51 0.00
CARR STREET_E_SYR 24060	17.59 0.10 0.00	15.47 0.04 0.00	15.06 0.01 0.00	17.44 0.00 0.00	18.90 -0.03 0.00	13.73 -0.04 0.00	15.70 -0.02 0.00	15.08 -0.03 0.00	16.64 -0.02 0.00	18.92 0.05 0.00	20.18 0.07 0.00	23.37 0.11 0.00	27.58 0.10 0.00	33.02 0.18 0.00	32.43 0.05 0.00	33.06 -0.02 0.00	35.77 0.07 0.00	70.45 0.30 0.00	44.83 0.15 0.00	38.70 0.10 0.00	38.66 -0.05 0.00	33.23 -0.09 0.00	27.95 0.02 0.00	25.68 0.19 0.00

CARTHAGE___PAPER 23857	16.91 -0.57 0.00	14.98 -0.45 0.00	14.73 -0.32 0.00	17.08 -0.36 0.00	18.52 -0.41 0.00	13.48 -0.29 0.00	15.51 -0.21 0.00	15.03 -0.08 0.00	16.70 0.04 0.00	18.97 0.10 0.00	20.23 0.12 0.00	23.40 0.13 0.00	27.34 -0.14 0.00	32.70 -0.14 0.00	31.89 -0.48 0.00	32.58 -0.50 0.00	35.60 -0.09 0.00	70.29 0.14 0.00	45.41 0.73 0.00	39.30 0.70 0.00	38.96 0.25 0.00	33.59 0.28 0.00	27.93 0.00 0.00	25.14 -0.34 0.00
CASSADAGA_WT_PWR 323784	17.14 -0.34 0.00	15.01 -0.41 0.00	14.44 -0.61 0.00	16.64 -0.80 0.00	18.03 -0.89 0.00	13.11 -0.65 0.00	15.13 -0.59 0.00	14.57 -0.53 0.00	16.23 -0.43 0.00	19.03 0.16 0.00	20.37 0.27 0.00	23.85 0.59 0.00	28.16 0.68 0.00	33.45 0.61 0.00	32.50 0.13 0.00	32.84 -0.23 0.00	35.42 -0.28 0.00	70.18 0.03 2.59	41.96 -0.13 0.22	38.45 0.08 1.53	36.97 -0.21 0.00	32.83 -0.49 0.00	27.53 -0.41 0.00	25.11 -0.38 0.00
CE_DUNWOOD___DRP 24194	18.27 0.79 0.00	16.12 0.69 0.00	15.64 0.59 0.00	18.03 0.59 0.00	19.57 0.65 0.00	14.25 0.48 0.00	16.23 0.50 0.00	15.63 0.53 0.00	17.65 0.53 -0.46	19.41 0.54 0.00	23.29 0.82 -2.36	24.32 1.06 0.00	29.13 1.37 -0.28	35.32 1.86 -0.63	34.97 2.05 -0.55	35.17 2.09 0.00	38.29 2.60 0.00	75.75 5.60 0.00	48.15 3.47 0.00	41.34 2.75 0.00	41.08 2.37 0.00	35.34 2.02 0.00	35.25 1.68 -5.63	26.90 1.41 0.00
CE_MILLWOOD___DRP 24193	18.23 0.75 0.00	16.08 0.65 0.00	15.60 0.55 0.00	18.00 0.56 0.00	19.54 0.61 0.00	14.23 0.46 0.00	16.19 0.47 0.00	15.60 0.49 0.00	17.64 0.49 -0.48	19.37 0.50 0.00	23.35 0.78 -2.46	24.26 1.00 0.00	29.06 1.30 -0.28	35.24 1.78 -0.62	34.88 1.96 -0.55	35.07 2.00 0.00	38.20 2.50 0.00	75.59 5.44 0.00	48.04 3.36 0.00	41.26 2.66 0.00	41.00 2.28 0.00	35.25 1.93 0.00	35.42 1.61 -5.88	26.82 1.33 0.00
CE_NYC2_DRP 24202	18.40 0.92 0.00	16.23 0.80 0.00	15.72 0.68 0.00	18.11 0.67 0.00	19.64 0.72 0.00	14.32 0.55 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.72 0.63 -0.43	19.52 0.65 0.00	23.28 0.96 -2.22	24.51 1.24 0.00	29.36 1.60 -0.28	35.61 2.14 -0.63	35.26 2.33 -0.56	35.43 2.35 0.00	38.55 2.85 0.00	76.19 6.04 0.00	48.45 3.77 0.00	41.60 3.01 0.00	41.31 2.60 0.00	35.59 2.28 0.00	35.16 1.93 -5.30	27.13 1.64 0.00
CE_NYC_DRP 24195	18.37 0.90 0.00	16.21 0.78 0.00	15.71 0.67 0.00	18.11 0.67 0.00	19.65 0.73 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.72 0.62 0.00	17.72 0.62 -0.43	19.53 0.66 0.00	23.28 0.96 -2.22	24.51 1.24 0.00	29.35 1.59 -0.28	35.58 2.11 -0.63	35.22 2.29 -0.56	35.42 2.35 0.00	38.57 2.87 0.00	76.26 6.11 0.00	48.44 3.76 0.00	41.60 3.01 0.00	41.33 2.62 0.00	35.59 2.27 0.00	35.15 1.92 -5.30	27.10 1.61 0.00
CHAFFEE___LFGE 323603	17.20 -0.28 0.00	15.02 -0.41 0.00	14.53 -0.52 0.00	16.84 -0.60 0.00	18.20 -0.73 0.00	13.15 -0.62 0.00	15.14 -0.58 0.00	14.49 -0.61 0.00	16.12 -0.55 0.00	18.83 -0.04 0.00	20.27 0.17 0.00	23.68 0.42 0.00	27.86 0.38 0.00	33.30 0.46 0.00	32.31 -0.07 0.00	32.87 -0.20 0.00	35.22 -0.47 0.00	68.73 -1.42 0.00	40.57 -1.17 2.94	37.48 -0.87 0.25	35.89 -1.08 1.74	32.50 -0.82 0.00	27.45 -0.49 0.00	25.22 -0.27 0.00
CHATEAUG_35_KV_LOAD 355732	16.91 -0.57 0.00	15.00 -0.43 0.00	14.81 -0.24 0.00	17.27 -0.17 0.00	18.81 -0.11 0.00	13.74 -0.03 0.00	15.73 0.01 0.00	15.09 -0.01 0.00	16.71 0.05 0.00	18.97 0.10 0.00	20.18 0.07 0.00	23.37 0.10 0.00	27.62 0.14 0.00	32.73 -0.10 0.00	32.14 -0.23 0.00	32.85 -0.23 0.00	35.26 -0.43 0.00	69.32 -0.83 0.00	44.30 -0.38 0.00	38.38 -0.21 0.00	38.52 -0.20 0.00	32.75 -0.57 0.00	27.38 -0.55 0.00	24.95 -0.54 0.00
CHATEAUG_WT_PWR 323614	16.84 -0.64 0.00	14.95 -0.48 0.00	14.79 -0.26 0.00	17.25 -0.19 0.00	18.81 -0.11 0.00	13.74 -0.03 0.00	15.71 -0.01 0.00	15.07 -0.04 0.00	16.68 0.02 0.00	18.95 0.08 0.00	20.18 0.07 0.00	23.37 0.10 0.00	27.63 0.15 0.00	32.77 -0.07 0.00	32.17 -0.21 0.00	32.88 -0.20 0.00	35.33 -0.37 0.00	69.48 -0.67 0.00	44.41 -0.27 0.00	38.43 -0.17 0.00	38.52 -0.19 0.00	32.68 -0.64 0.00	27.34 -0.59 0.00	24.91 -0.58 0.00
CHAT_HIGH_FALL_HYD 323578	16.91 -0.57 0.00	15.00 -0.43 0.00	14.81 -0.24 0.00	17.27 -0.17 0.00	18.81 -0.11 0.00	13.74 -0.03 0.00	15.73 0.01 0.00	15.09 -0.01 0.00	16.71 0.05 0.00	18.97 0.10 0.00	20.18 0.07 0.00	23.37 0.10 0.00	27.62 0.14 0.00	32.73 -0.10 0.00	32.14 -0.24 0.00	32.85 -0.23 0.00	35.26 -0.43 0.00	69.32 -0.83 0.00	44.30 -0.37 0.00	38.38 -0.21 0.00	38.52 -0.20 0.00	32.75 -0.57 0.00	27.38 -0.55 0.00	24.95 -0.54 0.00
CHAUTAUQUA___LFGE 323629	17.22 -0.26 0.00	15.04 -0.39 0.00	14.54 -0.51 0.00	16.80 -0.63 0.00	18.19 -0.74 0.00	13.16 -0.61 0.00	15.18 -0.54 0.00	14.57 -0.54 0.00	16.18 -0.48 0.00	18.90 0.03 0.00	20.28 0.17 0.00	23.74 0.47 0.00	27.97 0.49 0.00	33.38 0.54 0.00	32.41 0.04 0.00	32.91 -0.17 0.00	35.39 -0.31 0.00	69.59 -0.56 0.00	40.90 -0.59 3.20	37.99 -0.33 0.28	36.15 -0.67 1.89	32.65 -0.67 0.00	27.46 -0.47 0.00	25.16 -0.33 0.00
CHERRYST_13_KV_LD 356241	18.43 0.94 0.00	16.25 0.82 0.00	15.75 0.71 0.00	18.16 0.72 0.00	19.70 0.78 0.00	14.35 0.58 0.00	16.34 0.61 0.00	15.76 0.66 0.00	17.77 0.67 -0.43	19.59 0.72 0.00	23.35 1.03 -2.22	24.59 1.32 0.00	29.45 1.69 -0.28	35.70 2.23 -0.63	35.34 2.42 -0.56	35.55 2.47 0.00	38.70 3.01 0.00	76.53 6.38 0.00	48.60 3.92 0.00	41.75 3.15 0.00	41.46 2.75 0.00	35.71 2.39 0.00	35.25 2.02 -5.30	27.19 1.70 0.00
CHESTROR_138KV_BK263 355645	18.08 0.60 0.00	15.95 0.52 0.00	15.48 0.44 0.00	17.88 0.44 0.00	19.41 0.48 0.00	14.12 0.35 0.00	16.08 0.35 0.00	15.47 0.37 0.00	16.64 0.35 0.37	19.22 0.36 1.91	18.78 0.58 0.00	24.03 0.76 0.00	28.71 1.00 -0.23	34.76 1.41 -0.51	34.42 1.59 -0.45	34.71 1.63 0.00	37.76 2.07 0.00	74.76 4.61 0.00	47.55 2.87 0.00	40.87 2.27 0.00	40.64 1.92 0.00	34.91 1.59 0.00	24.67 1.30 4.56	26.54 1.05 0.00
CH_MIDHUDSON___DRP 24192	18.20 0.72 0.00	16.06 0.63 0.00	15.59 0.54 0.00	18.01 0.57 0.00	19.54 0.61 0.00	14.23 0.46 0.00	16.20 0.48 0.00	15.58 0.48 0.00	17.24 0.48 -0.09	19.36 0.49 0.00	21.32 0.73 -0.49	24.17 0.91 0.00	28.85 1.18 -0.19	34.91 1.65 -0.42	34.58 1.83 -0.37	34.99 1.91 0.00	38.12 2.43 0.00	75.50 5.35 0.00	48.00 3.33 0.00	41.25 2.65 0.00	41.01 2.30 0.00	35.22 1.90 0.00	30.64 1.54 -1.17	26.75 1.26 0.00
CH_MISC_IPPS 23765	18.31 0.83 0.00	16.15 0.72 0.00	15.67 0.62 0.00	18.10 0.66 0.00	19.64 0.71 0.00	14.29 0.52 0.00	16.27 0.55 0.00	15.66 0.56 0.00	17.24 0.57 0.00	19.48 0.61 0.00	20.98 0.87 0.00	24.37 1.10 0.00	29.11 1.43 -0.21	35.26 1.95 -0.47	34.93 2.15 -0.41	35.33 2.25 0.00	38.49 2.79 0.00	76.24 6.09 0.00	48.47 3.79 0.00	41.63 3.03 0.00	41.37 2.66 0.00	35.52 2.20 0.00	29.71 1.78 0.00	26.95 1.46 0.00

CH_RES_BVR_FALLS 23983	17.04 -0.44 0.00	15.09 -0.34 0.00	14.80 -0.25 0.00	17.19 -0.24 0.00	18.68 -0.24 0.00	13.61 -0.16 0.00	15.57 -0.15 0.00	14.99 -0.11 0.00	16.59 -0.07 0.00	18.80 -0.07 0.00	20.01 -0.09 0.00	23.15 -0.11 0.00	27.27 -0.21 0.00	32.56 -0.28 0.00	32.01 -0.36 0.00	32.68 -0.40 0.00	35.23 -0.47 0.00	69.04 -1.11 0.00	44.01 -0.67 0.00	37.93 -0.66 0.00	38.02 -0.69 0.00	32.82 -0.50 0.00	27.42 -0.51 0.00	25.00 -0.49 0.00
CH_RES_NIAGARA 23895	16.75 -0.73 0.00	14.67 -0.77 0.00	14.19 -0.85 0.00	16.46 -0.97 0.00	17.77 -1.15 0.00	12.83 -0.94 0.00	14.75 -0.97 0.00	14.08 -1.02 0.00	15.69 -0.97 0.00	18.39 -0.48 0.00	19.81 -0.29 0.00	23.05 -0.21 0.00	27.13 -0.35 0.00	32.32 -0.52 0.00	31.10 -1.27 0.00	31.55 -1.53 0.00	33.65 -2.04 0.00	65.35 -4.79 0.02	38.57 -3.30 2.80	35.76 -2.59 0.24	34.26 -2.79 1.66	31.15 -2.17 0.00	26.56 -1.37 0.00	24.49 -1.00 0.00
CH_RES_SYRACUSE 23985	17.70 0.22 0.00	15.57 0.14 0.00	15.15 0.10 0.00	17.56 0.12 0.00	19.03 0.10 0.00	13.83 0.06 0.00	15.81 0.09 0.00	15.18 0.08 0.00	16.76 0.10 0.00	19.05 0.18 0.00	20.32 0.21 0.00	23.54 0.27 0.00	27.77 0.29 0.00	33.25 0.41 0.00	32.72 0.34 0.00	33.46 0.38 0.00	36.20 0.50 0.00	71.34 1.19 0.00	45.42 0.74 0.00	39.17 0.57 0.00	39.13 0.42 0.00	33.63 0.32 0.00	28.23 0.30 0.00	25.86 0.37 0.00
CLINTON_WT_PWR 323605	16.84 -0.64 0.00	14.95 -0.48 0.00	14.79 -0.26 0.00	17.25 -0.19 0.00	18.81 -0.11 0.00	13.74 -0.03 0.00	15.71 -0.01 0.00	15.07 -0.04 0.00	16.68 0.02 0.00	18.95 0.08 0.00	20.18 0.07 0.00	23.37 0.10 0.00	27.63 0.15 0.00	32.77 -0.07 0.00	32.17 -0.21 0.00	32.88 -0.20 0.00	35.33 -0.37 0.00	69.48 -0.67 0.00	44.41 -0.27 0.00	38.43 -0.17 0.00	38.52 -0.19 0.00	32.68 -0.64 0.00	27.34 -0.59 0.00	24.91 -0.58 0.00
CLINTON___LFGE 323618	17.04 -0.44 0.00	15.13 -0.30 0.00	14.97 -0.08 0.00	17.47 0.03 0.00	19.05 0.12 0.00	13.92 0.15 0.00	15.92 0.19 0.00	15.25 0.14 0.00	16.89 0.22 0.00	19.19 0.32 0.00	20.47 0.36 0.00	23.69 0.42 0.00	28.00 0.52 0.00	33.26 0.42 0.00	32.68 0.31 0.00	33.45 0.37 0.00	35.94 0.24 0.00	70.87 0.72 0.00	45.28 0.60 0.00	39.16 0.57 0.00	39.22 0.51 0.00	33.23 -0.09 0.00	27.75 -0.18 0.00	25.28 -0.21 0.00
COBBLENY_34_KV_TB1 80064	17.20 -0.28 0.00	15.02 -0.41 0.00	14.53 -0.52 0.00	16.85 -0.59 0.00	18.21 -0.72 0.00	13.15 -0.62 0.00	15.14 -0.58 0.00	14.49 -0.61 0.00	16.12 -0.55 0.00	18.83 -0.04 0.00	20.27 0.16 0.00	23.68 0.42 0.00	27.86 0.37 0.00	33.29 0.45 0.00	32.30 -0.08 0.00	32.87 -0.20 0.00	35.24 -0.46 0.00	68.72 -1.43 0.00	40.57 -1.17 2.94	37.48 -0.86 0.25	35.89 -1.08 1.74	32.49 -0.83 0.00	27.44 -0.49 0.00	25.22 -0.27 0.00
COFFEEN___115KV_TB3 355620	17.08 -0.40 0.00	15.09 -0.33 0.00	14.83 -0.22 0.00	17.19 -0.25 0.00	18.62 -0.31 0.00	13.55 -0.22 0.00	15.59 -0.13 0.00	15.12 0.02 0.00	16.77 0.11 0.00	19.04 0.17 0.00	20.36 0.26 0.00	23.51 0.25 0.00	27.45 -0.03 0.00	32.82 -0.02 0.00	32.00 -0.37 0.00	32.70 -0.37 0.00	35.78 0.09 0.00	70.83 0.68 0.00	45.82 1.15 0.00	39.84 1.25 0.00	39.49 0.78 0.00	34.00 0.68 0.00	28.27 0.34 0.00	25.45 -0.04 0.00
COLDSPRG_115KV_BK1 355956	17.55 0.07 0.00	15.30 -0.13 0.00	14.78 -0.26 0.00	17.09 -0.35 0.00	18.51 -0.42 0.00	13.39 -0.38 0.00	15.45 -0.27 0.00	14.85 -0.25 0.00	16.50 -0.17 0.00	19.25 0.38 0.00	20.66 0.55 0.00	24.15 0.89 0.00	28.45 0.97 0.00	33.97 1.13 0.00	33.07 0.69 0.00	33.58 0.50 0.00	36.22 0.52 0.00	71.38 1.22 0.00	43.61 0.56 1.63	39.02 0.56 0.14	38.06 0.31 0.96	33.45 0.14 0.00	28.09 0.16 0.00	25.64 0.16 0.00
COLONIE_LFGE___ 323577	17.93 0.45 0.00	15.90 0.47 0.00	15.47 0.43 0.00	17.89 0.45 0.00	19.44 0.51 0.00	14.17 0.40 0.00	16.12 0.39 0.00	15.43 0.33 0.00	17.06 0.29 -0.10	19.07 0.20 0.00	20.95 0.33 -0.52	23.56 0.30 0.00	27.48 0.43 0.43	32.48 0.60 0.96	32.32 0.79 0.85	33.95 0.87 0.00	36.96 1.27 0.00	73.29 3.14 0.00	46.78 2.10 0.00	40.30 1.70 0.00	40.20 1.48 0.00	34.48 1.16 0.00	30.10 0.93 -1.24	26.21 0.72 0.00
COOPERNY_115KV_TB1 80082	17.92 0.43 0.00	15.79 0.37 0.00	15.35 0.30 0.00	17.76 0.32 0.00	19.26 0.34 0.00	14.01 0.24 0.00	15.96 0.24 0.00	15.36 0.25 0.00	16.77 0.24 0.14	19.12 0.25 0.00	19.82 0.43 0.71	23.83 0.56 0.00	28.34 0.72 -0.13	34.16 1.03 -0.30	33.78 1.15 -0.27	34.27 1.19 0.00	37.21 1.51 0.00	73.53 3.38 0.00	46.78 2.11 0.00	40.25 1.65 0.00	40.11 1.39 0.00	34.47 1.15 0.00	27.17 0.94 1.71	26.25 0.76 0.00
COPENHAGEN_WT_PWR 323753	16.71 -0.77 0.00	14.80 -0.63 0.00	14.57 -0.48 0.00	16.89 -0.55 0.00	18.29 -0.63 0.00	13.31 -0.46 0.00	15.32 -0.40 0.00	14.88 -0.23 0.00	16.56 -0.10 0.00	18.85 -0.02 0.00	20.17 0.07 0.00	23.32 0.06 0.00	27.20 -0.28 0.00	32.57 -0.27 0.00	31.68 -0.69 0.00	32.35 -0.73 0.00	35.44 -0.26 0.00	70.05 -0.09 0.00	45.13 0.45 0.00	39.03 0.43 0.00	38.55 -0.16 0.00	33.26 -0.06 0.00	27.67 -0.26 0.00	24.89 -0.60 0.00
CORNELL_____ 23752	17.90 0.42 0.00	15.72 0.28 0.00	15.30 0.25 0.00	17.72 0.28 0.00	19.20 0.28 0.00	13.95 0.18 0.00	15.97 0.25 0.00	15.34 0.23 0.00	16.91 0.24 0.00	19.19 0.32 0.00	20.48 0.37 0.00	23.75 0.48 0.00	28.00 0.52 0.00	33.55 0.71 0.00	33.04 0.67 0.00	33.86 0.78 0.00	36.74 1.05 0.00	72.70 2.55 0.00	47.69 1.75 -1.25	40.24 1.53 -0.11	40.79 1.34 -0.74	34.37 1.05 0.00	28.78 0.85 0.00	26.22 0.73 0.00
CORONAAV_69_KV_TB1 355595	18.65 1.17 0.00	16.44 1.01 0.00	15.93 0.88 0.00	18.33 0.89 0.00	19.88 0.95 0.00	14.54 0.77 0.00	16.50 0.78 0.00	15.95 0.84 0.00	17.90 0.81 -0.43	19.87 0.93 -0.07	36.52 1.30 -15.11	35.25 1.58 -10.41	36.31 1.94 -6.89	41.58 2.54 -6.20	38.68 2.72 -3.59	35.89 2.81 0.00	41.26 3.37 -2.19	77.01 6.86 0.00	48.90 4.22 0.00	41.94 3.34 0.00	41.69 2.98 0.00	73.04 2.73 -36.99	68.90 2.40 -38.57	27.58 2.05 -0.05
CORTLAND_115KV_TB3 80093	17.75 0.26 0.00	15.60 0.17 0.00	15.19 0.14 0.00	17.60 0.16 0.00	19.07 0.15 0.00	13.85 0.08 0.00	15.86 0.13 0.00	15.23 0.12 0.00	16.79 0.12 0.00	19.06 0.19 0.00	20.35 0.24 0.00	23.61 0.34 0.00	27.84 0.36 0.00	33.38 0.54 0.00	32.86 0.49 0.00	33.64 0.56 0.00	36.47 0.77 0.00	72.00 1.85 0.00	45.89 1.21 0.00	39.66 1.06 0.00	39.58 0.87 0.00	34.00 0.68 0.00	28.47 0.54 0.00	25.98 0.50 0.00
COXSACKIE___GT 23611	18.42 0.94 0.00	16.34 0.91 0.00	15.92 0.87 0.00	18.35 0.91 0.00	19.91 0.98 0.00	14.57 0.80 0.00	16.55 0.83 0.00	15.87 0.77 0.00	17.40 0.66 -0.07	19.33 0.46 0.00	21.02 0.53 -0.38	23.75 0.49 0.00	28.08 0.74 0.15	33.58 1.07 0.33	33.69 1.61 0.29	34.57 1.49 0.00	38.01 2.31 0.00	75.60 5.45 0.00	48.71 4.03 0.00	42.15 3.55 0.00	42.10 3.39 0.00	36.01 2.69 0.00	30.90 2.05 -0.92	27.12 1.63 0.00

CPV_VALLEY__CC1 323721	17.95 0.47 0.00	15.83 0.41 0.00	15.38 0.33 0.00	17.77 0.33 0.00	19.29 0.36 0.00	14.03 0.26 0.00	15.98 0.26 0.00	15.37 0.27 0.00	16.69 0.25 0.22	19.11 0.24 0.00	19.42 0.46 1.15	23.87 0.60 0.00	28.47 0.79 -0.20	34.42 1.14 -0.44	34.07 1.30 -0.39	34.41 1.33 0.00	37.43 1.73 0.00	74.03 3.88 0.00	47.08 2.40 0.00	40.48 1.88 0.00	40.27 1.56 0.00	34.60 1.29 0.00	26.25 1.06 2.74	26.33 0.84 0.00
CPV_VALLEY__CC2 323722	17.95 0.47 0.00	15.83 0.41 0.00	15.38 0.33 0.00	17.77 0.33 0.00	19.29 0.36 0.00	14.03 0.26 0.00	15.98 0.26 0.00	15.37 0.27 0.00	16.69 0.25 0.22	19.11 0.24 0.00	19.42 0.46 1.15	23.87 0.60 0.00	28.47 0.79 -0.20	34.42 1.14 -0.44	34.07 1.30 -0.39	34.41 1.33 0.00	37.43 1.73 0.00	74.03 3.88 0.00	47.08 2.40 0.00	40.48 1.88 0.00	40.27 1.56 0.00	34.60 1.29 0.00	26.25 1.06 2.74	26.33 0.84 0.00
CRESCENT__HYD 24018	17.93 0.45 0.00	15.90 0.47 0.00	15.47 0.43 0.00	17.89 0.45 0.00	19.44 0.51 0.00	14.17 0.40 0.00	16.12 0.39 0.00	15.43 0.33 0.00	17.06 0.29 -0.10	19.07 0.20 0.00	20.95 0.33 -0.52	23.56 0.30 0.00	27.48 0.43 0.43	32.48 0.60 0.96	32.32 0.79 0.85	33.95 0.87 0.00	36.96 1.27 0.00	73.29 3.14 0.00	46.78 2.10 0.00	40.30 1.70 0.00	40.20 1.48 0.00	34.48 1.16 0.00	30.10 0.93 -1.24	26.21 0.72 0.00
CRICKET__VALLEY_CC1 323756	17.99 0.51 0.00	15.91 0.48 0.00	15.44 0.39 0.00	17.82 0.38 0.00	19.34 0.42 0.00	14.10 0.33 0.00	16.06 0.34 0.00	15.44 0.33 0.00	17.17 0.32 -0.19	19.12 0.25 0.00	21.56 0.46 -1.00	23.71 0.50 0.05	23.87 0.64 4.25	24.24 0.97 9.57	25.06 1.17 8.48	34.31 1.23 0.00	37.39 1.70 0.00	74.10 3.95 0.00	47.17 2.49 0.00	40.55 1.95 0.00	40.36 1.64 0.00	34.62 1.30 0.00	31.36 1.05 -2.39	26.31 0.82 0.00
CRICKET__VALLEY_CC2 323757	17.99 0.51 0.00	15.91 0.48 0.00	15.44 0.39 0.00	17.82 0.38 0.00	19.34 0.42 0.00	14.10 0.33 0.00	16.06 0.34 0.00	15.44 0.33 0.00	17.17 0.32 -0.19	19.12 0.25 0.00	21.56 0.46 -1.00	23.71 0.50 0.05	23.87 0.64 4.25	24.24 0.97 9.57	25.06 1.17 8.48	34.31 1.23 0.00	37.39 1.70 0.00	74.10 3.95 0.00	47.17 2.49 0.00	40.55 1.95 0.00	40.36 1.64 0.00	34.62 1.30 0.00	31.36 1.05 -2.39	26.31 0.82 0.00
CRICKET__VALLEY_CC3 323758	17.99 0.51 0.00	15.91 0.48 0.00	15.44 0.39 0.00	17.82 0.38 0.00	19.34 0.42 0.00	14.10 0.33 0.00	16.06 0.34 0.00	15.44 0.33 0.00	17.17 0.32 -0.19	19.12 0.25 0.00	21.56 0.46 -1.00	23.71 0.50 0.05	23.87 0.64 4.25	24.24 0.97 9.57	25.06 1.17 8.48	34.31 1.23 0.00	37.39 1.70 0.00	74.10 3.95 0.00	47.17 2.49 0.00	40.55 1.95 0.00	40.36 1.64 0.00	34.62 1.30 0.00	31.36 1.05 -2.39	26.31 0.82 0.00
CRUCIBLE_METL_DRP 24180	17.70 0.22 0.00	15.57 0.14 0.00	15.15 0.10 0.00	17.56 0.12 0.00	19.03 0.10 0.00	13.83 0.06 0.00	15.81 0.09 0.00	15.18 0.07 0.00	16.76 0.09 0.00	19.05 0.18 0.00	20.31 0.21 0.00	23.53 0.27 0.00	27.77 0.28 0.00	33.25 0.41 0.00	32.71 0.34 0.00	33.46 0.38 0.00	36.20 0.50 0.00	71.34 1.19 0.00	45.42 0.74 0.00	39.17 0.57 0.00	39.13 0.42 0.00	33.64 0.32 0.00	28.23 0.30 0.00	25.86 0.37 0.00
DAHOWA__HYDRO 323763	18.38 0.90 0.00	16.27 0.84 0.00	15.84 0.79 0.00	18.30 0.87 0.00	19.88 0.95 0.00	14.48 0.72 0.00	16.50 0.78 0.00	15.77 0.67 0.00	17.43 0.67 -0.10	19.54 0.67 0.00	21.36 0.76 -0.50	24.06 0.80 0.00	28.14 1.02 0.36	33.15 1.11 0.81	32.97 1.31 0.72	34.56 1.48 0.00	37.65 1.96 0.00	74.87 4.72 0.00	47.99 3.31 0.00	41.38 2.78 0.00	41.25 2.54 0.00	35.31 1.99 0.00	30.69 1.57 -1.19	26.76 1.27 0.00
DANC__LFGE 323619	17.00 -0.48 0.00	15.02 -0.41 0.00	14.72 -0.33 0.00	17.05 -0.39 0.00	18.48 -0.45 0.00	13.43 -0.34 0.00	15.42 -0.30 0.00	14.91 -0.20 0.00	16.54 -0.12 0.00	18.80 -0.07 0.00	20.10 -0.01 0.00	23.24 -0.03 0.00	27.22 -0.26 0.00	32.59 -0.25 0.00	31.84 -0.53 0.00	32.53 -0.55 0.00	35.46 -0.24 0.00	70.01 -0.14 0.00	44.92 0.24 0.00	38.85 0.25 0.00	38.54 -0.17 0.00	33.23 -0.09 0.00	27.75 -0.19 0.00	25.14 -0.35 0.00
DANSKAMMER__1 23586	18.31 0.83 0.00	16.15 0.72 0.00	15.67 0.62 0.00	18.10 0.66 0.00	19.64 0.71 0.00	14.29 0.52 0.00	16.27 0.55 0.00	15.66 0.56 0.00	17.24 0.57 0.00	19.48 0.61 0.00	20.98 0.87 0.00	24.37 1.10 0.00	29.11 1.43 -0.21	35.26 1.95 -0.47	34.93 2.15 -0.41	35.33 2.25 0.00	38.49 2.79 0.00	76.24 6.09 0.00	48.47 3.79 0.00	41.63 3.03 0.00	41.37 2.66 0.00	35.52 2.20 0.00	29.71 1.78 0.00	26.95 1.46 0.00
DANSKAMMER__2 23589	18.31 0.83 0.00	16.15 0.72 0.00	15.67 0.62 0.00	18.10 0.66 0.00	19.64 0.71 0.00	14.29 0.52 0.00	16.27 0.55 0.00	15.66 0.56 0.00	17.24 0.57 0.00	19.48 0.61 0.00	20.98 0.87 0.00	24.37 1.10 0.00	29.11 1.43 -0.21	35.26 1.95 -0.47	34.93 2.15 -0.41	35.33 2.25 0.00	38.49 2.79 0.00	76.24 6.09 0.00	48.47 3.79 0.00	41.63 3.03 0.00	41.37 2.66 0.00	35.52 2.20 0.00	29.71 1.78 0.00	26.95 1.46 0.00
DANSKAMMER__3 23590	18.31 0.83 0.00	16.15 0.72 0.00	15.67 0.62 0.00	18.10 0.66 0.00	19.64 0.71 0.00	14.29 0.52 0.00	16.27 0.55 0.00	15.66 0.56 0.00	17.24 0.57 0.00	19.48 0.61 0.00	20.98 0.87 0.00	24.37 1.10 0.00	29.11 1.43 -0.21	35.26 1.95 -0.47	34.93 2.15 -0.41	35.33 2.25 0.00	38.49 2.79 0.00	76.24 6.09 0.00	48.47 3.79 0.00	41.63 3.03 0.00	41.37 2.66 0.00	35.52 2.20 0.00	29.71 1.78 0.00	26.95 1.46 0.00
DANSKAMMER__4 23591	18.31 0.83 0.00	16.15 0.72 0.00	15.67 0.62 0.00	18.10 0.66 0.00	19.64 0.71 0.00	14.29 0.52 0.00	16.27 0.55 0.00	15.66 0.56 0.00	17.24 0.57 0.00	19.48 0.61 0.00	20.98 0.87 0.00	24.37 1.10 0.00	29.11 1.43 -0.21	35.26 1.95 -0.47	34.93 2.15 -0.41	35.33 2.25 0.00	38.49 2.79 0.00	76.24 6.09 0.00	48.47 3.79 0.00	41.63 3.03 0.00	41.37 2.66 0.00	35.52 2.20 0.00	29.71 1.78 0.00	26.95 1.46 0.00
DANSKAMMER__DIESEL 23592	18.31 0.83 0.00	16.15 0.72 0.00	15.67 0.62 0.00	18.09 0.65 0.00	19.63 0.71 0.00	14.29 0.52 0.00	16.27 0.55 0.00	15.66 0.56 0.00	17.24 0.57 0.00	19.48 0.61 0.00	20.98 0.87 0.00	24.37 1.10 0.00	29.11 1.43 -0.21	35.26 1.95 -0.47	34.93 2.15 -0.41	35.33 2.25 0.00	38.49 2.79 0.00	76.25 6.10 0.00	48.47 3.79 0.00	41.63 3.04 0.00	41.37 2.66 0.00	35.52 2.20 0.00	29.71 1.78 0.00	26.95 1.46 0.00
DARBY__SOLAR 323810	18.31 0.83 0.00	16.21 0.78 0.00	15.78 0.73 0.00	18.24 0.80 0.00	19.81 0.88 0.00	14.44 0.67 0.00	16.44 0.72 0.00	15.72 0.61 0.00	17.36 0.60 -0.10	19.45 0.58 0.00	21.28 0.67 -0.50	23.97 0.71 0.00	28.02 0.90 0.37	33.02 1.01 0.83	32.83 1.20 0.74	34.42 1.34 0.00	37.50 1.80 0.00	74.55 4.40 0.00	47.74 3.06 0.00	41.17 2.57 0.00	41.04 2.32 0.00	35.15 1.83 0.00	30.58 1.45 -1.19	26.67 1.18 0.00

DASHVILLE___HYD 23610	18.05 0.57 0.00	15.89 0.46 0.00	15.41 0.37 0.00	17.85 0.41 0.00	19.37 0.44 0.00	14.08 0.31 0.00	16.03 0.31 0.00	15.43 0.32 0.00	17.00 0.34 0.00	19.21 0.34 0.00	20.69 0.58 0.00	24.05 0.78 0.00	28.70 1.13 -0.10	34.65 1.60 -0.22	34.34 1.78 -0.19	34.83 1.76 0.00	37.92 2.23 0.00	75.06 4.91 0.00	47.69 3.02 0.00	40.96 2.36 0.00	40.70 1.98 0.00	34.96 1.64 0.00	29.27 1.34 0.00	26.56 1.07 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	19.55 2.07 0.00	17.26 1.84 0.00	16.73 1.68 0.00	19.15 1.71 0.00	20.74 1.82 0.00	15.17 1.40 0.00	17.20 1.48 0.00	16.69 1.58 0.00	18.75 1.66 -0.43	20.97 2.03 -0.07	33.54 2.59 -10.83	36.81 3.13 -10.41	38.47 3.84 -7.15	95.33 4.79 -57.70	74.89 4.87 -37.65	147.72 4.98 -109.67	331.31 5.67 -289.94	307.32 11.13 -226.04	355.96 7.01 -304.27	163.49 5.58 -119.31	43.85 5.14 0.00	74.83 4.51 -36.99	70.56 4.06 -38.57	28.99 3.46 -0.05
DELAWARE___LFGE 323621	17.92 0.43 0.00	15.79 0.36 0.00	15.38 0.33 0.00	17.83 0.39 0.00	19.34 0.42 0.00	14.04 0.27 0.00	16.02 0.30 0.00	15.39 0.29 0.00	16.98 0.31 0.00	19.27 0.39 0.00	20.63 0.52 0.00	23.89 0.63 0.00	28.26 0.78 0.00	33.87 1.03 0.00	33.43 1.06 0.00	34.16 1.08 0.00	37.00 1.31 0.00	72.97 2.82 0.00	46.48 1.81 0.00	40.09 1.49 0.00	40.04 1.33 0.00	34.41 1.09 0.00	28.82 0.89 0.00	26.24 0.75 0.00
DERFIELD_115KV_TB7 355931	17.48 0.00 0.00	15.43 0.00 0.00	15.05 0.00 0.00	17.44 0.00 0.00	18.93 0.00 0.00	13.77 0.00 0.00	15.72 0.00 0.00	15.10 0.00 0.00	16.65 -0.01 0.00	18.85 -0.02 0.00	20.11 0.00 0.00	23.27 0.00 0.00	27.48 0.00 0.00	32.88 0.04 0.00	32.44 0.07 0.00	33.16 0.09 0.00	35.87 0.17 0.00	70.65 0.50 0.00	44.99 0.31 0.00	38.83 0.23 0.00	38.87 0.15 0.00	33.44 0.13 0.00	28.01 0.08 0.00	25.54 0.05 0.00
DOGLEVILLE___HYD 23807	17.28 -0.20 0.00	15.26 -0.17 0.00	14.88 -0.16 0.00	17.20 -0.24 0.00	18.65 -0.27 0.00	13.63 -0.14 0.00	15.49 -0.24 0.00	14.84 -0.26 0.00	16.21 -0.45 0.00	18.26 -0.61 0.00	19.52 -0.58 0.00	22.54 -0.72 0.00	26.74 -0.75 0.00	32.06 -0.77 0.00	31.90 -0.48 0.00	32.69 -0.39 0.00	35.77 0.07 0.00	71.77 1.62 0.00	45.77 1.09 0.00	39.56 0.97 0.00	39.56 0.85 0.00	33.85 0.53 0.00	28.19 0.26 0.00	25.49 0.00 0.00
DUNKIRK___115KV_TB_200 55889	17.23 -0.25 0.00	15.04 -0.39 0.00	14.55 -0.50 0.00	16.83 -0.61 0.00	18.22 -0.71 0.00	13.17 -0.60 0.00	15.19 -0.54 0.00	14.57 -0.54 0.00	16.17 -0.49 0.00	18.89 0.02 0.00	20.27 0.16 0.00	23.73 0.47 0.00	27.95 0.47 0.00	33.37 0.54 0.00	32.40 0.03 0.00	32.92 -0.16 0.00	35.40 -0.30 0.00	69.53 -0.62 0.00	40.78 -0.64 3.26	37.93 -0.38 0.28	36.08 -0.70 1.93	32.65 -0.67 0.00	27.46 -0.47 0.00	25.17 -0.31 0.00
DUNKIRK___1 23563	17.23 -0.25 0.00	15.04 -0.39 0.00	14.55 -0.50 0.00	16.83 -0.61 0.00	18.22 -0.71 0.00	13.17 -0.60 0.00	15.19 -0.54 0.00	14.57 -0.54 0.00	16.17 -0.49 0.00	18.89 0.02 0.00	20.27 0.16 0.00	23.73 0.47 0.00	27.95 0.47 0.00	33.37 0.54 0.00	32.40 0.03 0.00	32.92 -0.16 0.00	35.40 -0.30 0.00	69.53 -0.62 0.00	40.78 -0.64 3.26	37.93 -0.38 0.28	36.08 -0.70 1.93	32.65 -0.67 0.00	27.46 -0.47 0.00	25.17 -0.31 0.00
DUNKIRK___2 23564	17.23 -0.25 0.00	15.04 -0.39 0.00	14.55 -0.50 0.00	16.83 -0.61 0.00	18.22 -0.71 0.00	13.17 -0.60 0.00	15.19 -0.54 0.00	14.57 -0.54 0.00	16.17 -0.49 0.00	18.89 0.02 0.00	20.27 0.16 0.00	23.73 0.47 0.00	27.95 0.47 0.00	33.37 0.54 0.00	32.40 0.03 0.00	32.92 -0.16 0.00	35.40 -0.30 0.00	69.53 -0.62 0.00	40.78 -0.64 3.26	37.93 -0.38 0.28	36.08 -0.70 1.93	32.65 -0.67 0.00	27.46 -0.47 0.00	25.17 -0.31 0.00
DUNKIRK___3 23565	17.21 -0.27 0.00	15.02 -0.41 0.00	14.54 -0.51 0.00	16.83 -0.61 0.00	18.22 -0.71 0.00	13.16 -0.61 0.00	15.17 -0.56 0.00	14.53 -0.57 0.00	16.13 -0.53 0.00	18.83 -0.04 0.00	20.23 0.12 0.00	23.66 0.39 0.00	27.84 0.36 0.00	33.27 0.43 0.00	32.31 -0.07 0.00	32.85 -0.23 0.00	35.29 -0.41 0.00	69.17 -0.98 0.00	40.26 -0.89 3.52	37.68 -0.61 0.30	35.73 -0.89 2.08	32.54 -0.78 0.00	27.41 -0.52 0.00	25.15 -0.34 0.00
DUNKIRK___4 23566	17.21 -0.27 0.00	15.02 -0.41 0.00	14.54 -0.51 0.00	16.83 -0.61 0.00	18.22 -0.71 0.00	13.16 -0.61 0.00	15.17 -0.56 0.00	14.53 -0.57 0.00	16.13 -0.53 0.00	18.83 -0.04 0.00	20.23 0.12 0.00	23.66 0.39 0.00	27.84 0.36 0.00	33.27 0.43 0.00	32.31 -0.07 0.00	32.85 -0.23 0.00	35.29 -0.41 0.00	69.17 -0.98 0.00	40.26 -0.89 3.52	37.68 -0.61 0.30	35.73 -0.89 2.08	32.54 -0.78 0.00	27.41 -0.52 0.00	25.15 -0.34 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.32 0.85 0.00	16.17 0.74 0.00	15.68 0.63 0.00	18.07 0.64 0.00	19.61 0.69 0.00	14.28 0.52 0.00	16.26 0.54 0.00	15.67 0.57 0.00	17.66 0.57 -0.43	19.46 0.59 0.00	23.20 0.88 -2.21	24.39 1.12 0.00	29.21 1.45 -0.28	35.41 1.95 -0.63	35.06 2.13 -0.56	35.25 2.17 0.00	38.38 2.69 0.00	75.91 5.76 0.00	48.24 3.56 0.00	41.43 2.83 0.00	41.16 2.45 0.00	35.43 2.11 0.00	34.99 1.77 -5.30	26.97 1.48 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	18.18 0.70 0.00	16.02 0.59 0.00	15.56 0.51 0.00	17.97 0.53 0.00	19.50 0.57 0.00	14.19 0.42 0.00	16.15 0.43 0.00	15.55 0.45 0.00	17.01 0.45 0.10	19.33 0.46 0.00	20.30 0.70 0.51	24.16 0.90 0.00	28.86 1.17 -0.21	34.95 1.64 -0.47	34.61 1.83 -0.41	34.97 1.89 0.00	38.08 2.38 0.00	75.42 5.27 0.00	47.96 3.28 0.00	41.21 2.61 0.00	40.97 2.26 0.00	35.17 1.85 0.00	28.24 1.51 1.21	26.72 1.23 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	18.36 0.88 0.00	16.18 0.75 0.00	15.68 0.63 0.00	18.06 0.62 0.00	19.59 0.67 0.00	14.27 0.50 0.00	16.25 0.53 0.00	15.67 0.57 0.00	17.67 0.57 -0.43	19.46 0.59 0.00	23.20 0.87 -2.22	24.43 1.16 0.00	29.25 1.49 -0.28	35.51 2.04 -0.63	35.16 2.23 -0.56	35.29 2.21 0.00	38.38 2.68 0.00	75.94 5.79 0.00	48.31 3.63 0.00	41.48 2.88 0.00	41.19 2.48 0.00	35.49 2.17 0.00	35.08 1.85 -5.30	27.03 1.54 0.00
E179THST_13_KV_LOAD 356214	18.44 0.96 0.00	16.25 0.82 0.00	15.75 0.70 0.00	18.13 0.70 0.00	19.67 0.75 0.00	14.33 0.55 0.00	16.31 0.59 0.00	15.73 0.63 0.00	17.74 0.64 -0.43	19.55 0.68 0.00	23.30 0.98 -2.22	24.56 1.29 0.00	29.40 1.63 -0.28	35.71 2.24 -0.63	35.35 2.42 -0.56	35.48 2.40 0.00	38.59 2.89 0.00	76.35 6.21 0.00	48.58 3.90 0.00	41.71 3.11 0.00	41.42 2.71 0.00	35.69 2.37 0.00	35.24 2.01 -5.30	27.17 1.68 0.00
EAST HAMPTON___GT 23717	19.83 2.35 0.00	17.51 2.08 0.00	16.97 1.92 0.00	19.41 1.97 0.00	21.06 2.13 0.00	15.36 1.59 0.00	17.43 1.70 0.00	16.91 1.81 0.00	19.05 1.95 -0.43	21.35 2.41 -0.07	33.99 3.04 -10.83	37.33 3.66 -10.41	39.05 4.42 -7.15	96.08 5.53 -57.71	75.66 5.61 -37.67	148.55 5.75 -109.73	332.11 6.40 -290.01	308.65 12.42 -226.08	356.89 7.88 -304.33	164.23 6.30 -119.33	44.48 5.77 0.00	75.32 5.00 -37.00	71.13 4.63 -38.57	29.50 3.96 -0.05

EAST RIVER___6 23660	18.40 0.93 0.00	16.24 0.82 0.00	15.74 0.70 0.00	18.15 0.72 0.00	19.70 0.78 0.00	14.34 0.57 0.00	16.33 0.60 0.00	15.76 0.65 0.00	17.77 0.67 -0.43	19.57 0.70 0.00	23.33 1.01 -2.22	24.55 1.29 0.00	29.40 1.64 -0.28	35.62 2.16 -0.63	35.29 2.36 -0.56	35.50 2.42 0.00	38.65 2.96 0.00	76.44 6.28 0.00	48.55 3.87 0.00	41.72 3.13 0.00	41.44 2.73 0.00	35.69 2.37 0.00	35.22 1.99 -5.30	27.16 1.67 0.00
EAST RIVER___7 23524	18.40 0.93 0.00	16.24 0.82 0.00	15.74 0.70 0.00	18.15 0.72 0.00	19.70 0.78 0.00	14.34 0.57 0.00	16.33 0.60 0.00	15.76 0.65 0.00	17.77 0.67 -0.43	19.57 0.70 0.00	23.33 1.01 -2.22	24.55 1.29 0.00	29.40 1.64 -0.28	35.62 2.16 -0.63	35.29 2.36 -0.56	35.50 2.42 0.00	38.65 2.96 0.00	76.44 6.28 0.00	48.55 3.87 0.00	41.72 3.13 0.00	41.44 2.73 0.00	35.69 2.37 0.00	35.22 1.99 -5.30	27.16 1.67 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.27 0.79 0.00	16.12 0.69 0.00	15.64 0.59 0.00	18.03 0.59 0.00	19.57 0.65 0.00	14.25 0.48 0.00	16.23 0.50 0.00	15.63 0.53 0.00	17.65 0.53 -0.46	19.41 0.54 0.00	23.29 0.82 -2.36	24.32 1.06 0.00	29.13 1.37 -0.28	35.32 1.86 -0.63	34.97 2.05 -0.55	35.17 2.09 0.00	38.29 2.60 0.00	75.75 5.60 0.00	48.15 3.47 0.00	41.34 2.75 0.00	41.08 2.37 0.00	35.34 2.02 0.00	35.25 1.68 -5.63	26.90 1.41 0.00
EAST_HAMPTON___DIESEL 23722	19.84 2.36 0.00	17.52 2.09 0.00	16.98 1.93 0.00	19.41 1.97 0.00	21.06 2.13 0.00	15.37 1.60 0.00	17.43 1.70 0.00	16.91 1.81 0.00	19.05 1.96 -0.43	21.35 2.41 -0.07	33.99 3.05 -10.83	37.34 3.67 -10.41	39.06 4.43 -7.15	96.09 5.54 -57.71	75.67 5.63 -37.67	148.56 5.76 -109.72	332.12 6.42 -290.01	308.70 12.47 -226.08	356.92 7.91 -304.33	164.25 6.32 -119.33	44.50 5.78 0.00	75.34 5.03 -37.00	71.13 4.63 -38.57	29.50 3.97 -0.05
EAST_PULASKI___ESR 323781	17.32 -0.16 0.00	15.27 -0.16 0.00	14.90 -0.15 0.00	17.25 -0.19 0.00	18.70 -0.22 0.00	13.59 -0.18 0.00	15.55 -0.17 0.00	14.98 -0.12 0.00	16.56 -0.10 0.00	18.81 -0.06 0.00	20.07 -0.04 0.00	23.21 -0.05 0.00	27.31 -0.17 0.00	32.69 -0.15 0.00	32.10 -0.28 0.00	32.79 -0.29 0.00	35.57 -0.13 0.00	70.15 0.00 0.00	44.82 0.15 0.00	38.75 0.16 0.00	38.65 -0.07 0.00	33.27 -0.05 0.00	27.87 -0.07 0.00	25.42 -0.06 0.00
EAST_RIVER___1 323558	18.37 0.90 0.00	16.21 0.78 0.00	15.71 0.67 0.00	18.11 0.67 0.00	19.66 0.73 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.72 0.61 0.00	17.72 0.62 -0.43	19.53 0.66 0.00	23.28 0.96 -2.22	24.50 1.24 0.00	29.35 1.59 -0.28	35.58 2.11 -0.63	35.22 2.29 -0.56	35.42 2.35 0.00	38.57 2.87 0.00	76.26 6.11 0.00	48.44 3.76 0.00	41.61 3.01 0.00	41.33 2.62 0.00	35.59 2.27 0.00	35.14 1.91 -5.30	27.10 1.62 0.00
EAST_RIVER___2 323559	18.40 0.93 0.00	16.24 0.82 0.00	15.74 0.70 0.00	18.15 0.72 0.00	19.70 0.78 0.00	14.34 0.57 0.00	16.33 0.60 0.00	15.76 0.65 0.00	17.77 0.67 -0.43	19.57 0.70 0.00	23.33 1.01 -2.22	24.55 1.29 0.00	29.40 1.64 -0.28	35.62 2.16 -0.63	35.29 2.36 -0.56	35.50 2.42 0.00	38.65 2.96 0.00	76.44 6.28 0.00	48.55 3.87 0.00	41.72 3.13 0.00	41.44 2.73 0.00	35.69 2.37 0.00	35.22 1.99 -5.30	27.16 1.67 0.00
EAST___DELAWARE_HYD 23607	17.95 0.47 0.00	15.81 0.38 0.00	15.34 0.30 0.00	17.72 0.28 0.00	19.23 0.30 0.00	13.97 0.20 0.00	15.93 0.21 0.00	15.33 0.22 0.00	16.83 0.23 0.06	19.10 0.24 0.00	20.22 0.43 0.31	23.87 0.60 0.00	28.44 0.82 -0.13	34.36 1.22 -0.30	33.98 1.34 -0.27	34.58 1.50 0.00	37.65 1.95 0.00	74.77 4.62 0.00	47.69 3.02 0.00	40.96 2.36 0.00	40.70 1.98 0.00	34.91 1.59 0.00	28.42 1.24 0.75	26.45 0.96 0.00
EIGHT_POINT___WT_PWR 323820	16.78 -0.70 0.00	14.62 -0.81 0.00	14.14 -0.91 0.00	16.32 -1.11 0.00	17.74 -1.18 0.00	12.94 -0.83 0.00	14.99 -0.73 0.00	14.39 -0.71 0.00	16.03 -0.64 0.00	18.61 -0.26 0.00	20.07 -0.04 0.00	23.45 0.18 0.00	27.52 0.04 0.00	32.98 0.14 0.00	32.14 -0.23 0.00	32.63 -0.45 0.00	35.30 -0.40 0.00	69.49 -0.66 0.00	56.32 -0.36 -12.00	39.31 -0.32 -1.04	45.24 -0.57 -7.10	32.88 -0.43 0.00	27.24 -0.69 0.00	24.58 -0.91 0.00
ELBRIDGE_115KV_TB2 80188	17.62 0.14 0.00	15.51 0.08 0.00	15.08 0.03 0.00	17.48 0.04 0.00	18.96 0.03 0.00	13.76 -0.01 0.00	15.74 0.02 0.00	15.09 -0.01 0.00	16.67 0.01 0.00	18.94 0.07 0.00	20.22 0.11 0.00	23.40 0.13 0.00	27.62 0.14 0.00	33.02 0.18 0.00	32.50 0.13 0.00	33.27 0.20 0.00	35.97 0.27 0.00	70.90 0.76 0.00	45.15 0.48 0.00	38.93 0.34 0.00	38.92 0.21 0.00	33.47 0.15 0.00	28.09 0.16 0.00	25.72 0.23 0.00
ELEC_TRO_TEK 24086	18.52 1.04 0.00	16.34 0.92 0.00	15.85 0.80 0.00	18.23 0.79 0.00	19.77 0.85 0.00	14.45 0.68 0.00	16.40 0.68 0.00	15.85 0.75 0.00	17.79 0.70 -0.43	19.74 0.79 -0.07	33.98 1.17 -12.70	35.10 1.43 -10.41	36.14 1.77 -6.89	41.35 2.31 -6.20	38.44 2.47 -3.59	35.61 2.53 0.00	40.97 3.09 -2.19	76.54 6.39 0.00	48.61 3.93 0.00	41.68 3.08 0.00	41.46 2.74 0.00	72.83 2.52 -36.99	68.69 2.19 -38.57	27.38 1.85 -0.05
ELLENBURG_WT_PWR 323604	16.84 -0.64 0.00	14.95 -0.48 0.00	14.79 -0.26 0.00	17.25 -0.19 0.00	18.81 -0.11 0.00	13.74 -0.03 0.00	15.71 -0.01 0.00	15.07 -0.04 0.00	16.68 0.02 0.00	18.95 0.08 0.00	20.18 0.07 0.00	23.37 0.10 0.00	27.63 0.15 0.00	32.77 -0.07 0.00	32.17 -0.21 0.00	32.88 -0.20 0.00	35.33 -0.37 0.00	69.48 -0.67 0.00	44.41 -0.27 0.00	38.43 -0.17 0.00	38.52 -0.19 0.00	32.68 -0.64 0.00	27.34 -0.59 0.00	24.91 -0.58 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.10 -0.38 0.00	14.95 -0.48 0.00	14.46 -0.59 0.00	16.77 -0.67 0.00	18.13 -0.80 0.00	13.09 -0.68 0.00	15.06 -0.66 0.00	14.41 -0.69 0.00	16.04 -0.62 0.00	18.75 -0.12 0.00	20.18 0.08 0.00	23.53 0.27 0.00	27.71 0.22 0.00	33.06 0.22 0.00	32.02 -0.35 0.00	32.56 -0.52 0.00	34.87 -0.83 0.00	67.93 -2.22 0.00	39.22 -1.67 3.79	37.01 -1.26 0.33	34.99 -1.48 2.24	32.17 -1.15 0.00	27.21 -0.72 0.00	25.04 -0.45 0.00
EMPIRE_CC_1 323656	17.63 0.15 0.00	15.70 0.27 0.00	15.27 0.22 0.00	17.65 0.21 0.00	19.17 0.24 0.00	13.98 0.21 0.00	15.87 0.15 0.00	15.19 0.09 0.00	16.79 0.01 -0.12	18.73 -0.14 0.00	20.73 0.01 -0.61	23.17 -0.09 0.01	26.87 -0.06 0.56	31.64 0.05 1.26	31.53 0.27 1.11	33.37 0.29 0.00	36.33 0.63 0.00	71.94 1.79 0.00	45.87 1.20 0.00	39.52 0.92 0.00	39.42 0.71 0.00	33.83 0.52 0.00	29.82 0.43 -1.46	25.77 0.28 0.00
EMPIRE_CC_2 323658	17.63 0.15 0.00	15.70 0.27 0.00	15.27 0.22 0.00	17.65 0.21 0.00	19.17 0.24 0.00	13.98 0.21 0.00	15.87 0.15 0.00	15.19 0.09 0.00	16.79 0.01 -0.12	18.73 -0.14 0.00	20.73 0.01 -0.61	23.17 -0.09 0.01	26.87 -0.06 0.56	31.64 0.05 1.26	31.53 0.27 1.11	33.37 0.29 0.00	36.33 0.63 0.00	71.94 1.79 0.00	45.87 1.20 0.00	39.52 0.92 0.00	39.42 0.71 0.00	33.83 0.52 0.00	29.82 0.43 -1.46	25.77 0.28 0.00

ENORWICH_115KV_TB1 80156	18.52 1.04 0.00	16.28 0.85 0.00	15.86 0.81 0.00	18.34 0.90 0.00	19.84 0.92 0.00	14.42 0.65 0.00	16.57 0.85 0.00	15.94 0.83 0.00	17.56 0.89 0.00	19.86 0.99 0.00	21.18 1.08 0.00	24.60 1.34 0.00	28.97 1.49 0.00	34.80 1.97 0.00	34.31 1.94 0.00	35.15 2.08 0.00	38.45 2.75 0.00	76.57 6.42 0.00	49.74 4.46 -0.60	42.61 3.96 -0.05	42.76 3.70 -0.36	36.10 2.79 0.00	30.16 2.22 0.00	27.19 1.70 0.00
ERIE_ST__34_KV_TB1-2 80199	17.35 -0.13 0.00	15.14 -0.29 0.00	14.65 -0.40 0.00	16.98 -0.46 0.00	18.36 -0.57 0.00	13.25 -0.52 0.00	15.26 -0.46 0.00	14.61 -0.49 0.00	16.25 -0.41 0.00	18.98 0.11 0.00	20.45 0.34 0.00	23.87 0.60 0.00	28.11 0.63 0.00	33.59 0.75 0.00	32.61 0.23 0.00	33.21 0.13 0.00	35.62 -0.08 0.00	69.47 -0.68 0.00	40.76 -0.73 3.19	37.82 -0.50 0.28	36.14 -0.68 1.89	32.80 -0.51 0.00	27.69 -0.24 0.00	25.44 -0.05 0.00
ERIE_WT_PWR 323693	17.19 -0.29 0.00	15.02 -0.41 0.00	14.52 -0.53 0.00	16.82 -0.61 0.00	18.18 -0.75 0.00	13.14 -0.63 0.00	15.13 -0.59 0.00	14.48 -0.63 0.00	16.11 -0.56 0.00	18.82 -0.05 0.00	20.26 0.15 0.00	23.65 0.38 0.00	27.85 0.37 0.00	33.26 0.43 0.00	32.23 -0.14 0.00	32.78 -0.30 0.00	35.10 -0.59 0.00	68.46 -1.69 0.00	39.73 -1.34 3.60	37.29 -0.99 0.31	35.39 -1.19 2.13	32.38 -0.94 0.00	27.36 -0.57 0.00	25.16 -0.33 0.00
ESPRGFLD_115KV_TB1 80157	18.48 1.00 0.00	16.24 0.81 0.00	15.82 0.77 0.00	18.39 0.95 0.00	19.95 1.02 0.00	14.45 0.68 0.00	16.57 0.85 0.00	15.94 0.83 0.00	17.66 1.00 0.00	20.18 1.30 0.00	21.52 1.41 0.00	24.86 1.60 0.00	29.31 1.97 0.15	34.79 2.28 0.33	34.12 2.03 0.29	35.05 1.97 0.00	37.74 2.05 0.00	74.41 4.26 0.00	47.52 2.84 0.00	41.17 2.58 0.00	41.27 2.55 0.00	35.48 2.16 0.00	29.70 1.76 0.00	27.12 1.63 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	17.88 0.40 0.00	15.71 0.28 0.00	15.29 0.24 0.00	17.71 0.27 0.00	19.19 0.26 0.00	13.94 0.16 0.00	15.96 0.24 0.00	15.32 0.22 0.00	16.89 0.23 0.00	19.17 0.30 0.00	20.45 0.34 0.00	23.72 0.45 0.00	27.97 0.49 0.00	33.50 0.67 0.00	33.00 0.63 0.00	33.80 0.73 0.00	36.69 0.99 0.00	72.57 2.42 0.00	47.38 1.66 -1.04	40.13 1.45 -0.09	40.59 1.26 -0.62	34.31 0.99 0.00	28.74 0.80 0.00	26.19 0.70 0.00
ETNA____115KV_TB2 80207	17.88 0.40 0.00	15.71 0.28 0.00	15.29 0.24 0.00	17.71 0.27 0.00	19.19 0.26 0.00	13.94 0.16 0.00	15.96 0.24 0.00	15.32 0.22 0.00	16.89 0.23 0.00	19.17 0.30 0.00	20.45 0.34 0.00	23.72 0.45 0.00	27.97 0.49 0.00	33.50 0.67 0.00	33.00 0.63 0.00	33.80 0.73 0.00	36.69 0.99 0.00	72.57 2.42 0.00	47.38 1.66 -1.04	40.13 1.45 -0.09	40.59 1.26 -0.62	34.31 0.99 0.00	28.74 0.80 0.00	26.19 0.70 0.00
EUCLID____115KV_TB2 356179	17.50 0.02 0.00	15.40 -0.03 0.00	14.99 -0.05 0.00	17.37 -0.07 0.00	18.82 -0.10 0.00	13.68 -0.09 0.00	15.64 -0.08 0.00	15.01 -0.09 0.00	16.57 -0.09 0.00	18.84 -0.03 0.00	20.09 -0.02 0.00	23.25 -0.01 0.00	27.44 -0.04 0.00	32.84 0.00 0.00	32.31 -0.06 0.00	32.99 -0.09 0.00	35.67 -0.03 0.00	70.24 0.09 0.00	44.70 0.02 0.00	38.59 -0.01 0.00	38.57 -0.14 0.00	33.16 -0.16 0.00	27.86 -0.07 0.00	25.54 0.05 0.00
E_CANADA_CAP_HY 24051	18.72 1.24 0.00	16.49 1.06 0.00	16.06 1.01 0.00	18.67 1.24 0.00	20.26 1.34 0.00	14.68 0.91 0.00	16.85 1.13 0.00	16.19 1.09 0.00	17.99 1.26 -0.07	20.46 1.60 0.00	22.13 1.68 -0.35	25.08 1.81 0.00	29.54 2.26 0.20	34.90 2.52 0.46	34.13 2.16 0.40	35.14 2.06 0.00	37.77 2.07 0.00	74.66 4.51 0.00	47.78 3.10 0.00	41.52 2.92 0.00	41.77 3.06 0.00	35.94 2.62 0.00	30.90 2.14 -0.83	27.49 2.00 0.00
E_CANADA_MHWK_HY 24050	17.28 -0.20 0.00	15.26 -0.17 0.00	14.88 -0.16 0.00	17.20 -0.24 0.00	18.65 -0.27 0.00	13.63 -0.14 0.00	15.49 -0.24 0.00	14.84 -0.26 0.00	16.21 -0.45 0.00	18.26 -0.61 0.00	19.52 -0.58 0.00	22.54 -0.72 0.00	26.74 -0.75 0.00	32.06 -0.77 0.00	31.90 -0.48 0.00	32.69 -0.39 0.00	35.77 0.07 0.00	71.77 1.62 0.00	45.77 1.09 0.00	39.56 0.97 0.00	39.56 0.85 0.00	33.85 0.53 0.00	28.19 0.26 0.00	25.49 0.00 0.00
E_FISHKILL__LBMP 23776	18.13 0.65 0.00	16.00 0.57 0.00	15.54 0.49 0.00	17.93 0.49 0.00	19.46 0.53 0.00	14.18 0.41 0.00	16.14 0.41 0.00	15.53 0.42 0.00	17.25 0.41 -0.17	19.27 0.40 0.00	21.61 0.64 -0.86	24.07 0.80 0.00	28.81 1.04 -0.29	34.95 1.46 -0.65	34.58 1.64 -0.58	34.77 1.69 0.00	37.84 2.15 0.00	74.90 4.75 0.00	47.62 2.94 0.00	40.93 2.33 0.00	40.71 1.99 0.00	34.99 1.68 0.00	31.37 1.38 -2.06	26.62 1.13 0.00
FALCON__SEABRD_CC1 323796	17.00 -0.49 0.00	15.10 -0.33 0.00	14.95 -0.10 0.00	17.45 0.01 0.00	19.04 0.11 0.00	13.90 0.13 0.00	15.90 0.17 0.00	15.22 0.11 0.00	16.85 0.19 0.00	19.15 0.28 0.00	20.44 0.33 0.00	23.64 0.37 0.00	27.96 0.47 0.00	33.21 0.47 0.00	32.61 0.24 0.00	33.35 0.27 0.00	35.86 0.16 0.00	70.63 0.48 0.00	45.11 0.43 0.00	39.00 0.40 0.00	39.05 0.34 0.00	33.08 -0.24 0.00	27.65 -0.28 0.00	25.20 -0.28 0.00
FALCON__SEABRD_CC2 323797	17.00 -0.49 0.00	15.10 -0.33 0.00	14.95 -0.10 0.00	17.45 0.01 0.00	19.04 0.11 0.00	13.90 0.13 0.00	15.90 0.17 0.00	15.22 0.11 0.00	16.85 0.19 0.00	19.15 0.28 0.00	20.44 0.33 0.00	23.64 0.37 0.00	27.96 0.47 0.00	33.21 0.47 0.00	32.61 0.24 0.00	33.35 0.27 0.00	35.86 0.16 0.00	70.63 0.48 0.00	45.11 0.43 0.00	39.00 0.40 0.00	39.05 0.34 0.00	33.08 -0.24 0.00	27.65 -0.28 0.00	25.20 -0.28 0.00
FAR ROCKAWAY__4 23548	18.81 1.33 0.00	16.56 1.13 0.00	16.05 1.00 0.00	18.46 1.02 0.00	20.02 1.09 0.00	14.65 0.88 0.00	16.62 0.90 0.00	16.07 0.96 0.00	18.03 0.94 -0.43	20.04 1.09 -0.07	36.93 1.43 -15.38	35.43 1.76 -10.41	36.52 2.16 -6.89	41.88 2.84 -6.20	38.98 3.02 -3.59	36.22 3.15 0.00	41.54 3.66 -2.19	77.27 7.12 0.00	49.05 4.38 0.00	42.03 3.44 0.00	41.79 3.08 0.00	73.19 2.88 -36.99	69.15 2.65 -38.57	27.80 2.27 -0.05
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.39 0.90 0.00	16.21 0.79 0.00	15.72 0.67 0.00	18.12 0.68 0.00	19.66 0.74 0.00	14.32 0.55 0.00	16.30 0.58 0.00	15.72 0.62 0.00	17.73 0.63 -0.43	19.54 0.67 0.00	23.29 0.97 -2.22	24.52 1.25 0.00	29.36 1.60 -0.28	35.60 2.13 -0.63	35.24 2.32 -0.56	35.43 2.36 0.00	38.58 2.89 0.00	76.27 6.12 0.00	48.46 3.79 0.00	41.61 3.02 0.00	41.34 2.63 0.00	35.61 2.29 0.00	35.16 1.93 -5.30	27.11 1.63 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.40 0.92 0.00	16.22 0.79 0.00	15.73 0.68 0.00	18.13 0.69 0.00	19.67 0.75 0.00	14.33 0.55 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.64 -0.43	19.55 0.67 0.00	23.31 0.98 -2.22	24.53 1.26 0.00	29.39 1.63 -0.28	35.62 2.15 -0.63	35.27 2.34 -0.56	35.46 2.38 0.00	38.61 2.92 0.00	76.34 6.19 0.00	48.51 3.83 0.00	41.65 3.05 0.00	41.38 2.67 0.00	35.64 2.32 0.00	35.19 1.96 -5.30	27.14 1.65 0.00

FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.38 0.90 0.00	16.21 0.78 0.00	15.71 0.67 0.00	18.11 0.67 0.00	19.65 0.73 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.72 0.61 0.00	17.72 0.62 -0.43	19.53 0.66 0.00	23.28 0.96 -2.22	24.50 1.24 0.00	29.35 1.59 -0.28	35.57 2.10 -0.63	35.22 2.29 -0.56	35.41 2.34 0.00	38.56 2.86 0.00	76.24 6.10 0.00	48.42 3.74 0.00	41.59 2.99 0.00	41.31 2.60 0.00	35.58 2.26 0.00	35.14 1.91 -5.30	27.09 1.61 0.00
FARRAGUT___LBMP 323566	18.36 0.89 0.00	16.19 0.77 0.00	15.70 0.65 0.00	18.10 0.66 0.00	19.64 0.72 0.00	14.30 0.53 0.00	16.28 0.56 0.00	15.71 0.60 0.00	17.70 0.61 -0.43	19.51 0.64 0.00	23.26 0.94 -2.22	24.48 1.22 0.00	29.32 1.56 -0.28	35.55 2.08 -0.63	35.18 2.25 -0.56	35.38 2.30 0.00	38.52 2.83 0.00	76.17 6.02 0.00	48.38 3.70 0.00	41.55 2.96 0.00	41.27 2.56 0.00	35.54 2.23 0.00	35.12 1.89 -5.30	27.08 1.59 0.00
FENNER___WINDPWR 24204	17.70 0.22 0.00	15.60 0.17 0.00	15.20 0.15 0.00	17.60 0.16 0.00	19.07 0.15 0.00	13.88 0.11 0.00	15.90 0.17 0.00	15.29 0.19 0.00	16.88 0.21 0.00	19.15 0.28 0.00	20.44 0.33 0.00	23.69 0.42 0.00	27.95 0.46 0.00	33.50 0.66 0.00	32.98 0.61 0.00	33.77 0.69 0.00	36.61 0.92 0.00	72.30 2.15 0.00	46.14 1.47 0.00	39.87 1.27 0.00	39.81 1.10 0.00	34.16 0.85 0.00	28.57 0.64 0.00	25.98 0.49 0.00
FIBERTEK___ENERGY 23856	17.70 0.22 0.00	15.57 0.14 0.00	15.15 0.10 0.00	17.56 0.12 0.00	19.03 0.10 0.00	13.83 0.06 0.00	15.81 0.09 0.00	15.18 0.07 0.00	16.76 0.09 0.00	19.05 0.18 0.00	20.31 0.21 0.00	23.53 0.27 0.00	27.77 0.28 0.00	33.25 0.41 0.00	32.71 0.34 0.00	33.46 0.38 0.00	36.20 0.50 0.00	71.34 1.19 0.00	45.42 0.74 0.00	39.17 0.57 0.00	39.13 0.42 0.00	33.64 0.32 0.00	28.23 0.30 0.00	25.86 0.37 0.00
FITZPATRICK____ 23598	17.31 -0.17 0.00	15.25 -0.18 0.00	14.85 -0.19 0.00	17.21 -0.23 0.00	18.67 -0.26 0.00	13.56 -0.21 0.00	15.50 -0.22 0.00	14.89 -0.22 0.00	16.43 -0.23 0.00	18.65 -0.22 0.00	19.85 -0.25 0.00	22.95 -0.32 0.00	27.07 -0.42 0.00	32.37 -0.47 0.00	31.85 -0.52 0.00	32.53 -0.54 0.00	35.14 -0.55 0.00	69.14 -1.01 0.00	44.02 -0.66 0.00	38.01 -0.59 0.00	38.04 -0.67 0.00	32.72 -0.60 0.00	27.49 -0.45 0.00	25.21 -0.28 0.00
FLOWRFLD_69_KV_BK1 356044	18.93 1.45 0.00	16.73 1.30 0.00	16.23 1.18 0.00	18.59 1.15 0.00	20.14 1.22 0.00	14.74 0.97 0.00	16.72 1.00 0.00	16.20 1.09 0.00	18.13 1.04 -0.43	20.17 1.23 -0.07	32.65 1.69 -10.85	35.77 2.10 -10.41	37.36 2.62 -7.26	115.00 3.28 -78.87	98.03 3.35 -62.31	219.23 3.34 -182.82	452.14 4.00 -412.45	397.11 8.00 -318.96	479.02 4.99 -429.35	210.75 3.81 -168.35	42.12 3.41 0.00	73.48 3.17 -36.99	69.35 2.84 -38.57	27.98 2.45 -0.05
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.35 0.87 0.00	16.18 0.75 0.00	15.70 0.65 0.00	18.13 0.69 0.00	19.67 0.75 0.00	14.32 0.55 0.00	16.31 0.58 0.00	15.69 0.59 0.00	17.27 0.61 0.00	19.52 0.65 0.00	21.02 0.91 0.00	24.42 1.15 0.00	29.19 1.50 -0.21	35.36 2.04 -0.48	35.04 2.24 -0.42	35.42 2.35 0.00	38.59 2.90 0.00	76.45 6.30 0.00	48.60 3.92 0.00	41.74 3.14 0.00	41.47 2.76 0.00	35.59 2.27 0.00	29.78 1.85 0.00	27.01 1.52 0.00
FORT ORANGE____ 23900	17.71 0.23 0.00	15.74 0.31 0.00	15.33 0.28 0.00	17.66 0.22 0.00	19.18 0.25 0.00	14.04 0.27 0.00	15.92 0.20 0.00	15.28 0.18 0.00	16.81 0.05 -0.10	18.80 -0.07 0.00	20.65 0.05 -0.50	23.27 0.01 0.00	27.29 0.09 0.29	32.47 0.28 0.64	32.32 0.52 0.57	33.62 0.54 0.00	36.62 0.92 0.00	72.54 2.39 0.00	46.30 1.62 0.00	39.91 1.31 0.00	39.82 1.11 0.00	34.17 0.85 0.00	29.77 0.65 -1.19	25.94 0.46 0.00
FORT_DRUM_COGEN 23780	16.90 -0.58 0.00	14.95 -0.48 0.00	14.70 -0.35 0.00	17.04 -0.40 0.00	18.46 -0.47 0.00	13.43 -0.34 0.00	15.46 -0.27 0.00	14.99 -0.12 0.00	16.65 -0.01 0.00	18.92 0.05 0.00	20.23 0.12 0.00	23.38 0.12 0.00	27.30 -0.18 0.00	32.66 -0.18 0.00	31.83 -0.54 0.00	32.51 -0.56 0.00	35.57 -0.13 0.00	70.33 0.18 0.00	45.39 0.71 0.00	39.34 0.74 0.00	38.96 0.25 0.00	33.58 0.26 0.00	27.93 -0.01 0.00	25.14 -0.35 0.00
FPL_FAR_ROCK_GT1 24212	18.81 1.33 0.00	16.56 1.13 0.00	16.05 1.00 0.00	18.46 1.02 0.00	20.02 1.09 0.00	14.65 0.88 0.00	16.62 0.89 0.00	16.07 0.96 0.00	18.03 0.94 -0.43	20.03 1.09 -0.07	36.94 1.45 -15.38	35.42 1.75 -10.41	36.52 2.15 -6.89	41.88 2.83 -6.20	38.98 3.02 -3.59	36.22 3.15 0.00	41.55 3.66 -2.19	77.28 7.13 0.00	49.05 4.38 0.00	42.03 3.44 0.00	41.79 3.07 0.00	73.20 2.88 -37.00	69.15 2.65 -38.57	27.80 2.27 -0.05
FPL_FAR_ROCK_GT2 23815	18.81 1.33 0.00	16.56 1.13 0.00	16.05 1.00 0.00	18.46 1.02 0.00	20.02 1.09 0.00	14.65 0.88 0.00	16.62 0.89 0.00	16.07 0.96 0.00	18.03 0.94 -0.43	20.03 1.09 -0.07	36.94 1.45 -15.38	35.42 1.75 -10.41	36.52 2.15 -6.89	41.88 2.83 -6.20	38.98 3.02 -3.59	36.22 3.15 0.00	41.55 3.66 -2.19	77.28 7.13 0.00	49.05 4.38 0.00	42.03 3.44 0.00	41.79 3.07 0.00	73.20 2.88 -37.00	69.15 2.65 -38.57	27.80 2.27 -0.05
FRANKLIN_FALL_HYD 24054	17.05 -0.43 0.00	15.09 -0.34 0.00	14.89 -0.16 0.00	17.34 -0.10 0.00	18.87 -0.05 0.00	13.79 0.02 0.00	15.80 0.07 0.00	15.19 0.08 0.00	16.82 0.16 0.00	19.09 0.22 0.00	20.28 0.17 0.00	23.45 0.18 0.00	27.71 0.23 0.00	32.88 0.04 0.00	32.25 -0.12 0.00	32.96 -0.12 0.00	35.40 -0.30 0.00	69.36 -0.79 0.00	44.54 -0.14 0.00	38.60 0.00 0.00	38.76 0.05 0.00	33.05 -0.27 0.00	27.63 -0.30 0.00	25.11 -0.38 0.00
FREEPORT_EQUS_GT1 23764	18.69 1.21 0.00	16.48 1.05 0.00	15.97 0.93 0.00	18.36 0.92 0.00	19.92 0.99 0.00	14.56 0.79 0.00	16.52 0.80 0.00	15.97 0.87 0.00	17.93 0.84 -0.43	19.91 0.97 -0.07	33.95 1.38 -12.46	35.37 1.70 -10.41	36.47 2.10 -6.89	41.77 2.73 -6.20	38.86 2.90 -3.59	36.06 2.98 0.00	41.42 3.54 -2.19	77.27 7.12 0.00	49.05 4.37 0.00	42.02 3.43 0.00	41.80 3.09 0.00	73.23 2.92 -37.00	69.03 2.52 -38.57	27.69 2.15 -0.05
FREEPORT___CT2 23818	18.69 1.21 0.00	16.48 1.05 0.00	15.97 0.93 0.00	18.36 0.92 0.00	19.92 0.99 0.00	14.56 0.79 0.00	16.52 0.80 0.00	15.97 0.87 0.00	17.93 0.84 -0.43	19.91 0.97 -0.07	33.95 1.38 -12.46	35.37 1.70 -10.41	36.47 2.10 -6.89	41.77 2.73 -6.20	38.86 2.90 -3.59	36.06 2.98 0.00	41.42 3.54 -2.19	77.27 7.12 0.00	49.05 4.37 0.00	42.02 3.43 0.00	41.80 3.09 0.00	73.23 2.92 -37.00	69.03 2.52 -38.57	27.69 2.15 -0.05
FRESHKLS_33_KV_LOAD 356253	18.34 0.86 0.00	16.17 0.74 0.00	15.66 0.61 0.00	18.05 0.61 0.00	19.60 0.68 0.00	14.26 0.49 0.00	16.23 0.51 0.00	15.66 0.55 0.00	17.65 0.56 -0.43	19.47 0.60 0.00	23.21 0.89 -2.22	24.44 1.17 0.00	29.28 1.52 -0.28	35.34 2.01 -0.49	35.17 2.30 -0.51	35.34 2.26 0.00	38.50 2.80 0.00	76.38 6.23 0.00	48.59 3.91 0.00	41.71 3.11 0.00	41.38 2.67 0.00	35.61 2.29 0.00	33.06 1.97 -3.15	27.19 1.70 0.00



FULTON COGEN____ 23766	17.56 0.08 0.00	15.45 0.02 0.00	15.04 -0.01 0.00	17.42 -0.02 0.00	18.86 -0.07 0.00	13.69 -0.08 0.00	15.64 -0.08 0.00	15.02 -0.08 0.00	16.58 -0.08 0.00	18.84 -0.03 0.00	20.08 -0.03 0.00	23.23 -0.03 0.00	27.40 -0.08 0.00	32.80 -0.04 0.00	32.29 -0.09 0.00	32.98 -0.10 0.00	35.68 -0.02 0.00	70.27 0.13 0.00	44.73 0.05 0.00	38.62 0.03 0.00	38.61 -0.10 0.00	33.20 -0.12 0.00	27.88 -0.05 0.00	25.56 0.07 0.00
FULTON____LFGE 323630	19.25 1.77 0.00	16.84 1.41 0.00	16.38 1.33 0.00	19.07 1.63 0.00	20.67 1.75 0.00	15.03 1.26 0.00	17.23 1.51 0.00	16.31 1.20 0.00	17.68 0.94 -0.08	20.45 1.58 0.00	21.69 1.19 -0.39	24.11 0.85 0.00	29.15 1.90 0.23	34.29 1.96 0.51	33.66 1.74 0.45	34.44 1.37 0.00	37.68 1.98 0.00	78.82 8.67 0.00	50.34 5.66 0.00	43.99 5.39 0.00	43.89 5.18 0.00	37.59 4.27 0.00	32.29 3.41 -0.94	28.49 3.01 0.00
G.F.CEMENT____DRP 24184	18.61 1.13 0.00	16.47 1.04 0.00	16.04 0.99 0.00	18.53 1.09 0.00	20.11 1.19 0.00	14.66 0.89 0.00	16.71 0.99 0.00	15.93 0.83 0.00	17.62 0.86 -0.10	19.78 0.91 0.00	21.59 0.99 -0.49	24.31 1.05 0.00	28.45 1.31 0.34	33.38 1.30 0.76	33.18 1.49 0.67	34.81 1.74 0.00	37.93 2.23 0.00	75.47 5.32 0.00	48.47 3.79 0.00	41.81 3.21 0.00	41.65 2.94 0.00	35.61 2.29 0.00	30.92 1.82 -1.17	26.97 1.48 0.00
GARDENVILLE____LBMP 24039	17.14 -0.34 0.00	14.97 -0.45 0.00	14.48 -0.57 0.00	16.79 -0.65 0.00	18.15 -0.78 0.00	13.11 -0.66 0.00	15.09 -0.63 0.00	14.44 -0.66 0.00	16.07 -0.59 0.00	18.78 -0.09 0.00	20.22 0.11 0.00	23.58 0.31 0.00	27.76 0.28 0.00	33.14 0.30 0.00	32.13 -0.24 0.00	32.67 -0.41 0.00	35.00 -0.70 0.00	68.25 -1.90 0.00	39.03 -1.46 4.19	37.14 -1.10 0.36	34.93 -1.30 2.48	32.29 -1.03 0.00	27.28 -0.65 0.00	25.10 -0.39 0.00
GARDNVLA_35_KV_LD 355827	17.21 -0.27 0.00	15.04 -0.39 0.00	14.54 -0.51 0.00	16.86 -0.58 0.00	18.23 -0.70 0.00	13.16 -0.61 0.00	15.16 -0.57 0.00	14.49 -0.61 0.00	16.13 -0.53 0.00	18.86 -0.01 0.00	20.32 0.21 0.00	23.72 0.45 0.00	27.93 0.44 0.00	33.34 0.51 0.00	32.33 -0.05 0.00	32.89 -0.19 0.00	35.23 -0.47 0.00	68.64 -1.51 0.00	40.07 -1.23 3.39	37.39 -0.91 0.29	35.59 -1.12 2.00	32.45 -0.86 0.00	27.43 -0.50 0.00	25.22 -0.27 0.00
GELCKHM__115KV_LOAD 80723	17.58 0.10 0.00	15.46 0.04 0.00	15.05 0.01 0.00	17.44 0.00 0.00	18.90 -0.03 0.00	13.73 -0.04 0.00	15.70 -0.02 0.00	15.08 -0.03 0.00	16.64 -0.02 0.00	18.92 0.05 0.00	20.17 0.07 0.00	23.36 0.10 0.00	27.56 0.08 0.00	33.00 0.16 0.00	32.47 0.09 0.00	33.18 0.10 0.00	35.88 0.18 0.00	70.67 0.52 0.00	44.98 0.31 0.00	38.82 0.22 0.00	38.78 0.07 0.00	33.35 0.03 0.00	28.00 0.07 0.00	25.65 0.17 0.00
GENERAL____MILLS 23808	17.19 -0.30 0.00	15.01 -0.42 0.00	14.52 -0.53 0.00	16.83 -0.61 0.00	18.19 -0.74 0.00	13.14 -0.63 0.00	15.13 -0.59 0.00	14.48 -0.63 0.00	16.11 -0.56 0.00	18.83 -0.04 0.00	20.27 0.17 0.00	23.65 0.39 0.00	27.85 0.37 0.00	33.25 0.41 0.00	32.23 -0.14 0.00	32.79 -0.29 0.00	35.12 -0.57 0.00	68.46 -1.69 0.00	39.74 -1.33 3.60	37.29 -0.99 0.31	35.38 -1.20 2.13	32.38 -0.94 0.00	27.37 -0.56 0.00	25.17 -0.32 0.00
GE_PLASTICS____DRP 24183	17.69 0.21 0.00	15.70 0.27 0.00	15.30 0.25 0.00	17.66 0.22 0.00	19.17 0.24 0.00	14.00 0.23 0.00	15.90 0.17 0.00	15.26 0.15 0.00	16.83 0.07 -0.10	18.84 -0.03 0.00	20.70 0.10 -0.49	23.33 0.07 0.00	27.40 0.15 0.23	32.65 0.34 0.53	32.43 0.52 0.47	33.63 0.56 0.00	36.57 0.88 0.00	72.31 2.16 0.00	46.10 1.42 0.00	39.72 1.12 0.00	39.64 0.93 0.00	34.04 0.72 0.00	29.69 0.57 -1.19	25.90 0.41 0.00
GILBOA____1 23756	17.77 0.29 0.00	15.71 0.28 0.00	15.34 0.29 0.00	17.82 0.37 0.00	19.33 0.41 0.00	14.02 0.26 0.00	15.93 0.20 0.00	15.28 0.18 0.00	16.87 0.15 -0.06	18.99 0.12 0.00	20.67 0.25 -0.31	23.56 0.30 0.00	27.89 0.41 0.00	33.46 0.63 0.00	33.12 0.75 0.00	33.85 0.77 0.00	36.70 1.00 0.00	72.27 2.13 0.00	46.07 1.39 0.00	39.72 1.12 0.00	39.67 0.96 0.00	34.15 0.83 0.00	29.36 0.68 -0.75	26.02 0.53 0.00
GILBOA____2 23757	17.77 0.29 0.00	15.71 0.28 0.00	15.34 0.29 0.00	17.82 0.37 0.00	19.33 0.41 0.00	14.02 0.26 0.00	15.93 0.20 0.00	15.28 0.18 0.00	16.87 0.15 -0.06	18.99 0.12 0.00	20.67 0.25 -0.31	23.56 0.30 0.00	27.89 0.41 0.00	33.46 0.63 0.00	33.12 0.75 0.00	33.85 0.77 0.00	36.70 1.00 0.00	72.27 2.13 0.00	46.07 1.39 0.00	39.72 1.12 0.00	39.67 0.96 0.00	34.15 0.83 0.00	29.36 0.68 -0.75	26.02 0.53 0.00
GILBOA____3 23758	17.77 0.29 0.00	15.71 0.28 0.00	15.34 0.29 0.00	17.82 0.37 0.00	19.33 0.41 0.00	14.02 0.26 0.00	15.93 0.20 0.00	15.28 0.18 0.00	16.87 0.15 -0.06	18.99 0.12 0.00	20.67 0.25 -0.31	23.56 0.30 0.00	27.89 0.41 0.00	33.46 0.63 0.00	33.12 0.75 0.00	33.85 0.77 0.00	36.70 1.00 0.00	72.27 2.13 0.00	46.07 1.39 0.00	39.72 1.12 0.00	39.67 0.96 0.00	34.15 0.83 0.00	29.36 0.68 -0.75	26.02 0.53 0.00
GILBOA____4 23759	17.77 0.29 0.00	15.71 0.28 0.00	15.34 0.29 0.00	17.82 0.37 0.00	19.33 0.41 0.00	14.02 0.26 0.00	15.93 0.20 0.00	15.28 0.18 0.00	16.87 0.15 -0.06	18.99 0.12 0.00	20.67 0.25 -0.31	23.56 0.30 0.00	27.89 0.41 0.00	33.46 0.63 0.00	33.12 0.75 0.00	33.85 0.77 0.00	36.70 1.00 0.00	72.27 2.13 0.00	46.07 1.39 0.00	39.72 1.12 0.00	39.67 0.96 0.00	34.15 0.83 0.00	29.36 0.68 -0.75	26.02 0.53 0.00
GILBOA____ 23599	17.78 0.30 0.00	15.71 0.28 0.00	15.34 0.29 0.00	17.82 0.37 0.00	19.33 0.41 0.00	14.02 0.25 0.00	15.92 0.20 0.00	15.28 0.18 0.00	16.87 0.15 -0.06	18.99 0.12 0.00	20.67 0.25 -0.31	23.56 0.30 0.00	27.89 0.41 0.00	33.47 0.63 0.00	33.12 0.75 0.00	33.85 0.78 0.00	36.70 1.00 0.00	72.27 2.13 0.00	46.07 1.39 0.00	39.72 1.12 0.00	39.67 0.96 0.00	34.15 0.83 0.00	29.36 0.68 -0.75	26.02 0.53 0.00
GINNA____ 23603	16.70 -0.78 0.00	14.66 -0.77 0.00	14.22 -0.83 0.00	16.48 -0.96 0.00	17.83 -1.10 0.00	12.92 -0.85 0.00	14.80 -0.92 0.00	14.19 -0.91 0.00	15.73 -0.93 0.00	18.12 -0.75 0.00	19.45 -0.66 0.00	22.60 -0.67 0.00	26.71 -0.78 0.00	31.95 -0.89 0.00	31.29 -1.09 0.00	31.87 -1.21 0.00	34.36 -1.33 0.00	67.52 -2.63 0.00	42.82 -1.86 0.00	37.03 -1.57 0.00	36.96 -1.76 0.00	31.83 -1.48 0.00	26.79 -1.14 0.00	24.54 -0.94 0.00
GLEN PARK____ 23778	17.04 -0.44 0.00	15.06 -0.37 0.00	14.80 -0.25 0.00	17.15 -0.29 0.00	18.58 -0.34 0.00	13.52 -0.25 0.00	15.56 -0.16 0.00	15.09 -0.02 0.00	16.74 0.08 0.00	19.01 0.14 0.00	20.33 0.23 0.00	23.48 0.22 0.00	27.41 -0.07 0.00	32.78 -0.06 0.00	31.95 -0.42 0.00	32.65 -0.43 0.00	35.73 0.04 0.00	70.70 0.55 0.00	45.71 1.03 0.00	39.72 1.12 0.00	39.35 0.64 0.00	33.90 0.58 0.00	28.18 0.25 0.00	25.37 -0.12 0.00

GLENDALE_27_KV_LOAD 356172	18.47 0.99 0.00	16.29 0.86 0.00	15.78 0.74 0.00	18.17 0.74 0.00	19.72 0.79 0.00	14.37 0.60 0.00	16.37 0.65 0.00	15.79 0.68 0.00	17.79 0.69 -0.43	19.61 0.74 0.00	23.38 1.06 -2.22	24.64 1.37 0.00	29.52 1.75 -0.28	35.80 2.33 -0.63	35.45 2.52 -0.56	35.63 2.55 0.00	38.77 3.07 0.00	76.64 6.49 0.00	48.72 4.05 0.00	41.84 3.24 0.00	41.56 2.85 0.00	35.81 2.49 0.00	35.33 2.10 -5.30	27.28 1.79 0.00
GLENWOOD_IC_1_G5 23712	18.52 1.04 0.00	16.33 0.90 0.00	15.84 0.79 0.00	18.23 0.79 0.00	19.78 0.86 0.00	14.44 0.67 0.00	16.40 0.68 0.00	15.84 0.73 0.00	17.81 0.72 -0.43	19.75 0.81 -0.07	33.13 1.19 -11.84	35.15 1.48 -10.41	36.24 1.87 -6.89	41.51 2.47 -6.20	38.59 2.64 -3.59	35.57 2.49 0.00	40.94 3.06 -2.19	76.56 6.41 0.00	48.60 3.93 0.00	41.69 3.09 0.00	41.43 2.72 0.00	72.95 2.64 -36.99	68.71 2.21 -38.57	27.39 1.85 -0.05
GLENWOOD_IC_2_G1 23688	18.42 0.94 0.00	16.25 0.82 0.00	15.76 0.71 0.00	18.16 0.72 0.00	19.70 0.78 0.00	14.36 0.59 0.00	16.33 0.61 0.00	15.76 0.65 0.00	17.73 0.64 -0.43	19.65 0.70 -0.07	32.33 1.04 -11.18	34.98 1.31 -10.41	36.03 1.66 -6.89	41.25 2.21 -6.20	38.34 2.38 -3.59	35.49 2.41 0.00	40.84 2.96 -2.19	76.37 6.22 0.00	48.51 3.83 0.00	41.63 3.03 0.00	41.38 2.66 0.00	72.69 2.37 -37.00	68.49 1.99 -38.57	27.21 1.68 -0.05
GLENWOOD_IC_3_G1 23689	18.42 0.94 0.00	16.25 0.82 0.00	15.76 0.71 0.00	18.16 0.72 0.00	19.70 0.78 0.00	14.36 0.59 0.00	16.33 0.61 0.00	15.76 0.65 0.00	17.73 0.64 -0.43	19.65 0.70 -0.07	32.33 1.04 -11.18	34.98 1.31 -10.41	36.03 1.66 -6.89	41.25 2.21 -6.20	38.34 2.38 -3.59	35.49 2.41 0.00	40.84 2.96 -2.19	76.37 6.22 0.00	48.51 3.83 0.00	41.63 3.03 0.00	41.38 2.66 0.00	72.69 2.37 -37.00	68.49 1.99 -38.57	27.21 1.68 -0.05
GLENWOOD___4 23550	18.52 1.04 0.00	16.33 0.90 0.00	15.84 0.79 0.00	18.23 0.79 0.00	19.78 0.86 0.00	14.44 0.67 0.00	16.40 0.68 0.00	15.84 0.73 0.00	17.81 0.72 -0.43	19.75 0.81 -0.07	33.13 1.19 -11.84	35.15 1.48 -10.41	36.24 1.87 -6.89	41.51 2.47 -6.20	38.60 2.64 -3.59	35.65 2.58 0.00	41.03 3.14 -2.19	76.73 6.58 0.00	48.73 4.05 0.00	41.79 3.19 0.00	41.52 2.81 0.00	72.95 2.64 -36.99	68.71 2.21 -38.57	27.39 1.85 -0.05
GLENWOOD___5 23614	18.52 1.04 0.00	16.33 0.90 0.00	15.84 0.79 0.00	18.23 0.79 0.00	19.78 0.86 0.00	14.44 0.67 0.00	16.40 0.68 0.00	15.84 0.73 0.00	17.81 0.72 -0.43	19.75 0.81 -0.07	33.13 1.19 -11.84	35.15 1.48 -10.41	36.24 1.87 -6.89	41.51 2.47 -6.20	38.60 2.64 -3.59	35.65 2.58 0.00	41.03 3.14 -2.19	76.73 6.58 0.00	48.73 4.05 0.00	41.79 3.19 0.00	41.52 2.81 0.00	72.95 2.64 -36.99	68.71 2.21 -38.57	27.39 1.85 -0.05
GLOBAL GREEN_PORT_GT1 23814	19.77 2.29 0.00	17.44 2.01 0.00	16.90 1.85 0.00	19.34 1.90 0.00	20.97 2.05 0.00	15.32 1.55 0.00	17.37 1.64 0.00	16.86 1.76 0.00	18.97 1.88 -0.43	21.25 2.31 -0.07	33.87 2.93 -10.83	37.21 3.54 -10.41	38.93 4.30 -7.15	95.94 5.37 -57.73	75.53 5.46 -37.70	148.48 5.60 -109.80	331.95 6.15 -290.10	307.62 11.32 -226.15	356.26 7.16 -304.42	163.69 5.73 -119.36	43.89 5.18 0.00	74.82 4.51 -37.00	70.95 4.45 -38.57	29.40 3.86 -0.05
GLOBE___DSASP 323697	16.71 -0.77 0.00	14.64 -0.80 0.00	14.16 -0.89 0.00	16.44 -1.01 0.00	17.75 -1.18 0.00	12.80 -0.97 0.00	14.72 -1.00 0.00	14.05 -1.05 0.00	15.66 -1.01 0.00	18.34 -0.52 0.00	19.76 -0.34 0.00	22.99 -0.27 0.00	27.07 -0.42 0.00	32.22 -0.62 0.00	31.01 -1.37 0.00	31.45 -1.63 0.00	33.56 -2.14 0.00	65.14 -5.00 0.01	38.46 -3.43 2.79	35.65 -2.70 0.24	34.17 -2.90 1.65	31.06 -2.26 0.00	26.50 -1.44 0.00	24.44 -1.05 0.00
GOETHSLN___LBMP 323567	18.29 0.81 0.00	16.12 0.69 0.00	15.63 0.58 0.00	18.03 0.59 0.00	19.56 0.64 0.00	14.23 0.46 0.00	16.19 0.47 0.00	15.61 0.51 0.00	17.60 0.50 -0.43	19.40 0.53 0.00	23.17 0.84 -2.22	24.38 1.11 0.00	29.21 1.45 -0.28	35.42 1.95 -0.63	35.04 2.11 -0.56	35.21 2.13 0.00	38.31 2.61 0.00	75.76 5.61 0.00	48.14 3.46 0.00	41.32 2.73 0.00	41.05 2.34 0.00	35.35 2.03 0.00	32.42 1.71 -2.78	26.94 1.45 0.00
GOLAH___69_KV_TB 1_2 80279	17.51 0.03 0.00	15.35 -0.07 0.00	14.89 -0.16 0.00	17.24 -0.20 0.00	18.64 -0.28 0.00	13.48 -0.29 0.00	15.47 -0.25 0.00	14.82 -0.29 0.00	16.43 -0.23 0.00	19.01 0.13 0.00	20.41 0.30 0.00	23.74 0.47 0.00	28.05 0.57 0.00	33.54 0.70 0.00	32.74 0.37 0.00	33.35 0.27 0.00	35.88 0.18 0.00	70.40 0.25 0.00	44.71 0.03 0.00	38.73 0.14 0.00	38.66 -0.05 0.00	33.34 0.02 0.00	28.10 0.17 0.00	25.77 0.28 0.00
GOODYEAR_LAKE_HYD 323669	18.13 0.65 0.00	15.95 0.52 0.00	15.54 0.49 0.00	18.03 0.59 0.00	19.56 0.63 0.00	14.19 0.42 0.00	16.21 0.49 0.00	15.59 0.49 0.00	17.23 0.57 0.00	19.60 0.73 0.00	20.98 0.87 0.00	24.30 1.03 0.00	28.75 1.27 0.00	34.41 1.57 0.00	33.90 1.53 0.00	34.61 1.53 0.00	37.44 1.74 0.00	73.83 3.69 0.00	47.07 2.39 0.00	40.63 2.04 0.00	40.61 1.90 0.00	34.88 1.57 0.00	29.20 1.27 0.00	26.60 1.11 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	17.64 0.16 0.00	15.47 0.04 0.00	15.07 0.02 0.00	17.46 0.02 0.00	18.93 0.01 0.00	13.73 -0.04 0.00	15.73 0.00 0.00	15.10 -0.01 0.00	16.63 -0.04 0.00	18.94 0.07 0.00	20.24 0.13 0.00	23.56 0.30 0.00	27.77 0.28 0.00	33.30 0.47 0.00	32.77 0.40 0.00	33.55 0.47 0.00	36.32 0.63 0.00	71.60 1.45 0.00	45.46 0.78 0.00	39.26 0.66 0.00	39.16 0.45 0.00	33.67 0.36 0.00	28.23 0.30 0.00	25.76 0.27 0.00
GOUDEY___7 23579	17.66 0.18 0.00	15.48 0.05 0.00	15.09 0.04 0.00	17.47 0.03 0.00	18.95 0.02 0.00	13.74 -0.03 0.00	15.74 0.01 0.00	15.11 0.00 0.00	16.64 -0.03 0.00	18.95 0.08 0.00	20.26 0.15 0.00	23.59 0.32 0.00	27.80 0.31 0.00	33.34 0.50 0.00	32.80 0.43 0.00	33.58 0.51 0.00	36.37 0.68 0.00	71.67 1.53 0.00	45.51 0.83 0.00	39.31 0.72 0.00	39.20 0.49 0.00	33.71 0.39 0.00	28.26 0.32 0.00	25.78 0.29 0.00
GOUDEY___8 23580	17.64 0.16 0.00	15.47 0.04 0.00	15.07 0.02 0.00	17.46 0.02 0.00	18.93 0.01 0.00	13.73 -0.04 0.00	15.73 0.00 0.00	15.10 -0.01 0.00	16.63 -0.04 0.00	18.94 0.07 0.00	20.24 0.13 0.00	23.56 0.30 0.00	27.77 0.28 0.00	33.30 0.47 0.00	32.77 0.40 0.00	33.55 0.47 0.00	36.32 0.63 0.00	71.60 1.45 0.00	45.46 0.78 0.00	39.26 0.66 0.00	39.16 0.45 0.00	33.67 0.36 0.00	28.23 0.30 0.00	25.76 0.27 0.00
GOWANUS_GT1_1 24077	18.42 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.66 0.74 0.00	14.32 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.27 -0.63	35.40 2.47 -0.56	35.55 2.48 0.00	38.68 2.98 0.00	76.56 6.41 0.00	48.68 4.00 0.00	41.79 3.19 0.00	41.48 2.77 0.00	35.74 2.43 0.00	35.30 2.06 -5.30	27.24 1.75 0.00

GOWANUS_GT1_2 24078	18.42 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.66 0.74 0.00	14.32 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.27 -0.63	35.40 2.47 -0.56	35.55 2.48 0.00	38.68 2.98 0.00	76.56 6.41 0.00	48.68 4.00 0.00	41.79 3.19 0.00	41.48 2.77 0.00	35.74 2.43 0.00	35.30 2.06 -5.30	27.24 1.75 0.00
GOWANUS_GT1_3 24079	18.42 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.66 0.74 0.00	14.32 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.27 -0.63	35.40 2.47 -0.56	35.55 2.48 0.00	38.68 2.98 0.00	76.56 6.41 0.00	48.68 4.00 0.00	41.79 3.19 0.00	41.48 2.77 0.00	35.74 2.43 0.00	35.30 2.06 -5.30	27.24 1.75 0.00
GOWANUS_GT1_4 24080	18.42 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.66 0.74 0.00	14.32 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.27 -0.63	35.40 2.47 -0.56	35.55 2.48 0.00	38.68 2.98 0.00	76.56 6.41 0.00	48.68 4.00 0.00	41.79 3.19 0.00	41.48 2.77 0.00	35.74 2.43 0.00	35.30 2.06 -5.30	27.24 1.75 0.00
GOWANUS_GT1_5 24084	18.42 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.66 0.74 0.00	14.32 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.27 -0.63	35.40 2.47 -0.56	35.55 2.48 0.00	38.68 2.98 0.00	76.56 6.41 0.00	48.68 4.00 0.00	41.79 3.19 0.00	41.48 2.77 0.00	35.74 2.43 0.00	35.30 2.06 -5.30	27.24 1.75 0.00
GOWANUS_GT1_6 24111	18.42 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.66 0.74 0.00	14.32 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.27 -0.63	35.40 2.47 -0.56	35.55 2.48 0.00	38.68 2.98 0.00	76.56 6.41 0.00	48.68 4.00 0.00	41.79 3.19 0.00	41.48 2.77 0.00	35.74 2.43 0.00	35.30 2.06 -5.30	27.24 1.75 0.00
GOWANUS_GT1_7 24112	18.42 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.66 0.74 0.00	14.32 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.27 -0.63	35.40 2.47 -0.56	35.55 2.48 0.00	38.68 2.98 0.00	76.56 6.41 0.00	48.68 4.00 0.00	41.79 3.19 0.00	41.48 2.77 0.00	35.74 2.43 0.00	35.30 2.06 -5.30	27.24 1.75 0.00
GOWANUS_GT1_8 24113	18.42 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.66 0.74 0.00	14.32 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.27 -0.63	35.40 2.47 -0.56	35.55 2.48 0.00	38.68 2.98 0.00	76.56 6.41 0.00	48.68 4.00 0.00	41.79 3.19 0.00	41.48 2.77 0.00	35.74 2.43 0.00	35.30 2.06 -5.30	27.24 1.75 0.00
GOWANUS_GT2_1 24114	18.41 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.67 0.74 0.00	14.31 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00</																

GOWANUS_GT3_1 24122	18.41 <span>0.93</span> <span>0.00</span>	16.23 <span>0.80</span> <span>0.00</span>	15.73 <span>0.68</span> <span>0.00</span>	18.12 <span>0.68</span> <span>0.00</span>	19.67 <span>0.74</span> <span>0.00</span>	14.31 <span>0.54</span> <span>0.00</span>	16.31 <span>0.58</span> <span>0.00</span>	15.73 <span>0.62</span> <span>0.00</span>	17.73 <span>0.63</span> <span>-0.43</span>	19.55 <span>0.68</span> <span>0.00</span>	23.32 <span>0.99</span> <span>-2.22</span>	24.56 <span>1.29</span> <span>0.00</span>	29.44 <span>1.68</span> <span>-0.28</span>	35.73 <span>2.26</span> <span>-0.63</span>	35.40 <span>2.47</span> <span>-0.56</span>	35.56 <span>2.48</span> <span>0.00</span>	38.68 <span>2.99</span> <span>0.00</span>	76.56 <span>6.41</span> <span>0.00</span>	48.67 <span>3.99</span> <span>0.00</span>	41.79 <span>3.19</span> <span>0.00</span>	41.49 <span>2.77</span> <span>0.00</span>	35.74 <span>2.43</span> <span>0.00</span>	35.29 <span>2.06</span> <span>-5.30</span>	27.24 <span>1.75</span> <span>0.00</span>
GOWANUS_GT3_2 24123	18.41 <span>0.93</span> <span>0.00</span>	16.23 <span>0.80</span> <span>0.00</span>	15.73 <span>0.68</span> <span>0.00</span>	18.12 <span>0.68</span> <span>0.00</span>	19.67 <span>0.74</span> <span>0.00</span>	14.31 <span>0.54</span> <span>0.00</span>	16.31 <span>0.58</span> <span>0.00</span>	15.73 <span>0.62</span> <span>0.00</span>	17.73 <span>0.63</span> <span>-0.43</span>	19.55 <span>0.68</span> <span>0.00</span>	23.32 <span>0.99</span> <span>-2.22</span>	24.56 <span>1.29</span> <span>0.00</span>	29.44 <span>1.68</span> <span>-0.28</span>	35.73 <span>2.26</span> <span>-0.63</span>	35.40 <span>2.47</span> <span>-0.56</span>	35.56 <span>2.48</span> <span>0.00</span>	38.68 <span>2.99</span> <span>0.00</span>	76.56 <span>6.41</span> <span>0.00</span>	48.67 <span>3.99</span> <span>0.00</span>	41.79 <span>3.19</span> <span>0.00</span>	41.49 <span>2.77</span> <span>0.00</span>	35.74 <span>2.43</span> <span>0.00</span>	35.29 <span>2.06</span> <span>-5.30</span>	27.24 <span>1.75</span> <span>0.00</span>
GOWANUS_GT3_3 24124	18.41 <span>0.93</span> <span>0.00</span>	16.23 <span>0.80</span> <span>0.00</span>	15.73 <span>0.68</span> <span>0.00</span>	18.12 <span>0.68</span> <span>0.00</span>	19.67 <span>0.74</span> <span>0.00</span>	14.31 <span>0.54</span> <span>0.00</span>	16.31 <span>0.58</span> <span>0.00</span>	15.73 <span>0.62</span> <span>0.00</span>	17.73 <span>0.63</span> <span>-0.43</span>	19.55 <span>0.68</span> <span>0.00</span>	23.32 <span>0.99</span> <span>-2.22</span>	24.56 <span>1.29</span> <span>0.00</span>	29.44 <span>1.68</span> <span>-0.28</span>	35.73 <span>2.26</span> <span>-0.63</span>	35.40 <span>2.47</span> <span>-0.56</span>	35.56 <span>2.48</span> <span>0.00</span>	38.68 <span>2.99</span> <span>0.00</span>	76.56 <span>6.41</span> <span>0.00</span>	48.67 <span>3.99</span> <span>0.00</span>	41.79 <span>3.19</span> <span>0.00</span>	41.49 <span>2.77</span> <span>0.00</span>	35.74 <span>2.43</span> <span>0.00</span>	35.29 <span>2.06</span> <span>-5.30</span>	27.24 <span>1.75</span> <span>0.00</span>
GOWANUS_GT3_4 24125	18.41 <span>0.93</span> <span>0.00</span>	16.23 <span>0.80</span> <span>0.00</span>	15.73 <span>0.68</span> <span>0.00</span>	18.12 <span>0.68</span> <span>0.00</span>	19.67 <span>0.74</span> <span>0.00</span>	14.31 <span>0.54</span> <span>0.00</span>	16.31 <span>0.58</span> <span>0.00</span>	15.73 <span>0.62</span> <span>0.00</span>	17.73 <span>0.63</span> <span>-0.43</span>	19.55 <span>0.68</span> <span>0.00</span>	23.32 <span>0.99</span> <span>-2.22</span>	24.56 <span>1.29</span> <span>0.00</span>	29.44 <span>1.68</span> <span>-0.28</span>	35.73 <span>2.26</span> <span>-0.63</span>	35.40 <span>2.47</span> <span>-0.56</span>	35.56 <span>2.48</span> <span>0.00</span>	38.68 <span>2.99</span> <span>0.00</span>	76.56 <span>6.41</span> <span>0.00</span>	48.67 <span>3.99</span> <span>0.00</span>	41.79 <span>3.19</span> <span>0.00</span>	41.49 <span>2.77</span> <span>0.00</span>	35.74 <span>2.43</span> <span>0.00</span>	35.29 <span>2.06</span> <span>-5.30</span>	27.24 <span>1.75</span> <span>0.00</span>
GOWANUS_GT3_5 24126	18.41 <span>0.93</span> <span>0.00</span>	16.23 <span>0.80</span> <span>0.00</span>	15.73 <span>0.68</span> <span>0.00</span>	18.12 <span>0.68</span> <span>0.00</span>	19.67 <span>0.74</span> <span>0.00</span>	14.31 <span>0.54</span> <span>0.00</span>	16.31 <span>0.58</span> <span>0.00</span>	15.73 <span>0.62</span> <span>0.00</span>	17.73 <span>0.63</span> <span>-0.43</span>	19.55 <span>0.68</span> <span>0.00</span>	23.32 <span>0.99</span> <span>-2.22</span>	24.56 <span>1.29</span> <span>0.00</span>	29.44 <span>1.68</span> <span>-0.28</span>	35.73 <span>2.26</span> <span>-0.63</span>	35.40 <span>2.47</span> <span>-0.56</span>	35.56 <span>2.48</span> <span>0.00</span>	38.68 <span>2.99</span> <span>0.00</span>	76.56 <span>6.41</span> <span>0.00</span>	48.67 <span>3.99</span> <span>0.00</span>	41.79 <span>3.19</span> <span>0.00</span>	41.49 <span>2.77</span> <span>0.00</span>	35.74 <span>2.43</span> <span>0.00</span>	35.29 <span>2.06</span> <span>-5.30</span>	27.24 <span>1.75</span> <span>0.00</span>
GOWANUS_GT3_6 24127	18.41 <span>0.93</span> <span>0.00</span>	16.23 <span>0.80</span> <span>0.00</span>	15.73 <span>0.68</span> <span>0.00</span>	18.12 <span>0.68</span> <span>0.00</span>	19.67 <span>0.74</span> <span>0.00</span>	14.31 <span>0.54</span> <span>0.00</span>	16.31 <span>0.58</span> <span>0.00</span>	15.73 <span>0.62</span> 																

GOWANUS_GT4_8 24137	18.42 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.66 0.74 0.00	14.32 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.27 -0.63	35.40 2.47 -0.56	35.55 2.48 0.00	38.68 2.98 0.00	76.56 6.41 0.00	48.68 4.00 0.00	41.79 3.19 0.00	41.48 2.77 0.00	35.74 2.43 0.00	35.30 2.06 -5.30	27.24 1.75 0.00
GREENBSH_115KV_TB3 55895	17.61 0.13 0.00	15.66 0.23 0.00	15.25 0.20 0.00	17.57 0.13 0.00	19.07 0.14 0.00	13.97 0.20 0.00	15.83 0.11 0.00	15.20 0.09 0.00	16.73 -0.03 -0.10	18.72 -0.15 0.00	20.59 -0.02 -0.51	23.18 -0.08 0.00	27.16 -0.01 0.31	32.29 0.14 0.68	32.11 0.35 0.61	33.46 0.39 0.00	36.42 0.72 0.00	72.08 1.93 0.00	45.96 1.28 0.00	39.58 0.99 0.00	39.49 0.78 0.00	33.90 0.58 0.00	29.59 0.44 -1.22	25.77 0.27 0.00
GREENDGE_115KV_TB5 80291	17.58 0.10 0.00	15.37 -0.06 0.00	15.00 -0.05 0.00	17.40 -0.04 0.00	18.76 -0.16 0.00	13.61 -0.15 0.00	15.66 -0.06 0.00	15.03 -0.07 0.00	16.60 -0.07 0.00	19.00 0.13 0.00	20.31 0.20 0.00	23.65 0.39 0.00	27.85 0.37 0.00	33.21 0.38 0.00	32.64 0.27 0.00	33.39 0.31 0.00	36.09 0.39 0.00	71.28 1.13 0.00	50.59 0.72 -5.20	39.69 0.64 -0.45	42.15 0.36 -3.07	33.63 0.31 0.00	28.30 0.37 0.00	25.79 0.30 0.00
GREENIDGE___3 23582	17.58 0.10 0.00	15.37 -0.06 0.00	15.00 -0.05 0.00	17.40 -0.04 0.00	18.76 -0.16 0.00	13.61 -0.15 0.00	15.66 -0.06 0.00	15.03 -0.07 0.00	16.60 -0.07 0.00	19.00 0.13 0.00	20.31 0.20 0.00	23.65 0.39 0.00	27.85 0.37 0.00	33.21 0.38 0.00	32.64 0.27 0.00	33.39 0.31 0.00	36.09 0.39 0.00	71.28 1.13 0.00	50.59 0.72 -5.20	39.69 0.64 -0.45	42.15 0.36 -3.07	33.63 0.31 0.00	28.30 0.37 0.00	25.79 0.30 0.00
GREENIDGE___4 23583	17.58 0.10 0.00	15.37 -0.06 0.00	15.00 -0.05 0.00	17.39 -0.04 0.00	18.75 -0.17 0.00	13.61 -0.16 0.00	15.66 -0.06 0.00	15.03 -0.07 0.00	16.59 -0.07 0.00	19.01 0.13 0.00	20.31 0.20 0.00	23.65 0.39 0.00	27.85 0.37 0.00	33.21 0.37 0.00	32.64 0.27 0.00	33.38 0.30 0.00	36.09 0.39 0.00	71.28 1.13 0.00	50.59 0.72 -5.20	39.69 0.64 -0.45	42.15 0.36 -3.07	33.63 0.32 0.00	28.30 0.37 0.00	25.79 0.30 0.00
GREENLWN_69_KV_BK 3 55738	18.57 1.09 0.00	16.39 0.96 0.00	15.89 0.84 0.00	18.26 0.82 0.00	19.79 0.87 0.00	14.49 0.72 0.00	16.44 0.71 0.00	15.90 0.80 0.00	17.80 0.71 -0.43	19.76 0.82 -0.07	32.22 1.23 -10.89	35.21 1.54 -10.41	36.23 1.92 -6.83	30.14 2.52 5.22	25.01 2.64 10.00	-4.50 2.66 40.24	-25.08 3.24 64.03	26.55 6.53 50.13	-18.72 4.09 67.48	15.19 3.05 26.46	41.37 2.66 0.00	72.94 2.63 -36.99	68.81 2.31 -38.57	27.50 1.97 -0.05
GREENWD_138_KV_38B11_REV_LBMP_J 345004	18.42 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.66 0.74 0.00	14.32 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.27 -0.63	35.40 2.47 -0.56	35.55 2.48 0.00	38.68 2.98 0.00	76.56 6.41 0.00	48.68 4.00 0.00	41.79 3.19 0.00	41.48 2.77 0.00	35.74 2.43 0.00	35.30 2.06 -5.30	27.24 1.75 0.00
GRISSOM___SOLAR 323813	19.25 1.77 0.00	16.84 1.41 0.00	16.38 1.33 0.00	19.07 1.63 0.00	20.67 1.75 0.00	15.03 1.26 0.00	17.23 1.51 0.00	16.31 1.20 0.00	17.68 0.94 -0.08	20.45 1.58 0.00	21.69 1.19 -0.39	24.11 0.85 0.00	29.15 1.90 0.23	34.29 1.96 0.51	33.66 1.74 0.45	34.44 1.37 0.00	37.68 1.98 0.00	78.82 8.67 0.00	50.34 5.66 0.00	43.99 5.39 0.00	43.89 5.18 0.00	37.59 4.27 0.00	32.29 3.41 -0.94	28.49 3.01 0.00
GROVEVILLE___HYD 323602	18.35 0.87 0.00	16.18 0.75 0.00	15.70 0.65 0.00	18.13 0.69 0.00	19.67 0.75 0.00	14.32 0.55 0.00	16.31 0.58 0.00	15.69 0.59 0.00	17.27 0.61 0.00	19.52 0.65 0.00	21.02 0.91 0.00	24.42 1.15 0.00	29.19 1.50 -0.21	35.36 2.04 -0.48	35.04 2.24 -0.42	35.42 2.35 0.00	38.59 2.90 0.00	76.45 6.30 0.00	48.60 3.92 0.00	41.74 3.14 0.00	41.47 2.76 0.00	35.59 2.27 0.00	29.78 1.85 0.00	27.01 1.52 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	17.70 0.22 0.00	15.57 0.14 0.00	15.15 0.10 0.00	17.56 0.12 0.00	19.03 0.10 0.00	13.83 0.06 0.00	15.81 0.09 0.00	15.18 0.07 0.00	16.76 0.09 0.00	19.05 0.18 0.00	20.31 0.21 0.00	23.53 0.27 0.00	27.77 0.28 0.00	33.25 0.41 0.00	32.71 0.34 0.00	33.46 0.38 0.00	36.20 0.50 0.00	71.34 1.19 0.00	45.42 0.74 0.00	39.17 0.57 0.00	39.13 0.42 0.00	33.64 0.32 0.00	28.23 0.30 0.00	25.86 0.37 0.00
HAMLTNNY_34_KV_TB 80303	17.71 0.23 0.00	15.58 0.15 0.00	15.14 0.09 0.00	17.55 0.11 0.00	19.04 0.11 0.00	13.81 0.04 0.00	15.80 0.07 0.00	15.15 0.05 0.00	16.74 0.08 0.00	19.05 0.18 0.00	20.33 0.22 0.00	23.56 0.29 0.00	27.81 0.33 0.00	33.27 0.43 0.00	32.74 0.37 0.00	33.52 0.44 0.00	36.26 0.56 0.00	71.51 1.36 0.00	45.52 0.84 0.00	39.21 0.62 0.00	39.19 0.47 0.00	33.68 0.36 0.00	28.26 0.33 0.00	25.86 0.37 0.00
HAMPSHIRE___PAPER_HYD 323593	16.91 -0.57 0.00	14.98 -0.45 0.00	14.72 -0.32 0.00	17.09 -0.35 0.00	18.54 -0.38 0.00	13.51 -0.26 0.00	15.52 -0.21 0.00	14.99 -0.12 0.00	16.63 -0.03 0.00	18.87 0.00 0.00	20.02 -0.09 0.00	23.15 -0.11 0.00	27.17 -0.32 0.00	32.39 -0.45 0.00	31.68 -0.69 0.00	32.36 -0.72 0.00	35.07 -0.63 0.00	68.59 -1.56 0.00	44.29 -0.39 0.00	38.32 -0.27 0.00	38.27 -0.44 0.00	33.02 -0.30 0.00	27.52 -0.41 0.00	24.90 -0.59 0.00
HARDSCRABBLE_WT_PWR 323673	17.29 -0.19 0.00	15.28 -0.16 0.00	14.90 -0.15 0.00	17.25 -0.18 0.00	18.70 -0.22 0.00	13.67 -0.10 0.00	15.56 -0.16 0.00	14.91 -0.19 0.00	16.33 -0.33 0.00	18.42 -0.45 0.00	19.68 -0.42 0.00	22.74 -0.52 0.00	26.97 -0.51 0.00	32.28 -0.56 0.00	32.09 -0.29 0.00	32.86 -0.22 0.00	35.81 0.11 0.00	71.68 1.53 0.00	45.72 1.04 0.00	39.46 0.87 0.00	39.48 0.77 0.00	33.81 0.49 0.00	28.17 0.24 0.00	25.52 0.03 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	18.25 0.77 0.00	16.07 0.64 0.00	15.59 0.54 0.00	18.01 0.57 0.00	19.55 0.62 0.00	14.22 0.45 0.00	16.20 0.48 0.00	15.59 0.49 0.00	16.73 0.50 0.43	19.40 0.54 0.00	18.73 0.82 2.20	24.33 1.06 0.00	29.11 1.40 -0.24	35.30 1.93 -0.53	34.96 2.12 -0.47	35.27 2.20 0.00	38.42 2.72 0.00	76.11 5.96 0.00	48.35 3.67 0.00	41.50 2.90 0.00	41.21 2.50 0.00	35.37 2.06 0.00	24.34 1.66 5.26	26.85 1.36 0.00
HARSNRAD_115KV_TB1 81005	16.97 -0.51 0.00	14.84 -0.59 0.00	14.36 -0.69 0.00	16.66 -0.78 0.00	17.99 -0.94 0.00	12.99 -0.78 0.00	14.94 -0.78 0.00	14.27 -0.83 0.00	15.90 -0.76 0.00	18.62 -0.25 0.00	20.06 -0.05 0.00	23.35 0.09 0.00	27.51 0.03 0.00	32.78 -0.05 0.00	31.74 -0.64 0.00	32.25 -0.83 0.00	34.48 -1.21 0.00	67.09 -3.06 2.77	39.74 -2.17 0.24	36.71 -1.65 1.64	35.27 -1.80 0.00	31.91 -1.41 0.00	27.02 -0.91 0.00	24.94 -0.55 0.00

HARZA MOOSE___RIVER 24016	17.17 -0.31 0.00	15.19 -0.24 0.00	14.89 -0.16 0.00	17.27 -0.17 0.00	18.74 -0.19 0.00	13.63 -0.14 0.00	15.64 -0.08 0.00	15.09 -0.01 0.00	16.75 0.09 0.00	19.03 0.16 0.00	20.31 0.20 0.00	23.52 0.25 0.00	27.62 0.14 0.00	33.08 0.24 0.00	32.41 0.04 0.00	33.14 0.06 0.00	36.10 0.40 0.00	71.21 1.06 0.00	45.64 0.97 0.00	39.38 0.79 0.00	39.15 0.44 0.00	33.73 0.41 0.00	28.11 0.18 0.00	25.41 -0.08 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	17.58 0.10 0.00	15.47 0.04 0.00	15.05 0.01 0.00	17.44 0.00 0.00	18.90 -0.03 0.00	13.73 -0.04 0.00	15.70 -0.03 0.00	15.07 -0.03 0.00	16.64 -0.03 0.00	18.91 0.04 0.00	20.17 0.06 0.00	23.36 0.10 0.00	27.57 0.09 0.00	33.01 0.17 0.00	32.47 0.09 0.00	33.15 0.07 0.00	35.85 0.15 0.00	70.61 0.46 0.00	44.94 0.26 0.00	38.79 0.20 0.00	38.75 0.04 0.00	33.32 0.00 0.00	28.00 0.07 0.00	25.67 0.18 0.00
HELLGATE_13_KV_LD 55870	18.39 0.91 0.00	16.22 0.79 0.00	15.71 0.67 0.00	18.08 0.65 0.00	19.62 0.69 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.72 0.61 0.00	17.70 0.61 -0.43	19.50 0.63 0.00	23.26 0.93 -2.22	24.48 1.22 0.00	29.33 1.56 -0.28	35.57 2.10 -0.63	35.23 2.30 -0.56	35.39 2.31 0.00	38.50 2.81 0.00	76.07 5.93 0.00	48.38 3.71 0.00	41.55 2.95 0.00	41.27 2.56 0.00	35.57 2.25 0.00	35.15 1.92 -5.30	27.11 1.62 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.39 0.91 0.00	16.22 0.79 0.00	15.71 0.67 0.00	18.08 0.65 0.00	19.62 0.69 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.72 0.61 0.00	17.70 0.61 -0.43	19.50 0.63 0.00	23.26 0.93 -2.22	24.48 1.22 0.00	29.33 1.56 -0.28	35.57 2.10 -0.63	35.23 2.30 -0.56	35.39 2.31 0.00	38.50 2.81 0.00	76.07 5.93 0.00	48.38 3.71 0.00	41.55 2.95 0.00	41.27 2.56 0.00	35.57 2.25 0.00	35.15 1.92 -5.30	27.11 1.62 0.00
HEMPSTEAD___ 23647	18.53 1.05 0.00	16.34 0.92 0.00	15.85 0.80 0.00	18.22 0.78 0.00	19.77 0.84 0.00	14.44 0.67 0.00	16.40 0.68 0.00	15.84 0.74 0.00	17.79 0.70 -0.43	19.74 0.80 -0.07	33.34 1.18 -12.05	35.13 1.46 -10.41	36.20 1.83 -6.89	41.45 2.40 -6.20	38.53 2.56 -3.59	35.67 2.59 0.00	41.03 3.15 -2.19	76.67 6.53 0.00	48.67 3.99 0.00	41.74 3.14 0.00	41.47 2.75 0.00	72.90 2.59 -37.00	68.72 2.21 -38.57	27.40 1.87 -0.05
HEWLETT__69_KV_BK3 55828	18.72 1.24 0.00	16.49 1.06 0.00	15.98 0.93 0.00	18.38 0.94 0.00	19.94 1.01 0.00	14.59 0.82 0.00	16.55 0.83 0.00	16.00 0.90 0.00	17.95 0.86 -0.43	19.94 1.00 -0.07	36.85 1.36 -15.38	35.32 1.66 -10.41	36.40 2.03 -6.89	41.71 2.67 -6.20	38.81 2.85 -3.59	36.04 2.96 0.00	41.38 3.50 -2.19	77.13 6.98 0.00	48.96 4.29 0.00	41.97 3.38 0.00	41.73 3.02 0.00	73.10 2.79 -36.99	69.01 2.51 -38.57	27.68 2.15 -0.05
HICKLING___1 23621	17.47 -0.01 0.00	15.25 -0.18 0.00	14.84 -0.21 0.00	17.14 -0.30 0.00	18.59 -0.34 0.00	13.47 -0.30 0.00	15.51 -0.21 0.00	14.90 -0.21 0.00	16.40 -0.26 0.00	18.82 -0.05 0.00	20.17 0.06 0.00	23.60 0.34 0.00	27.74 0.26 0.00	33.31 0.47 0.00	32.64 0.27 0.00	33.42 0.34 0.00	36.18 0.48 0.00	71.21 1.07 0.00	47.07 0.51 -1.88	39.24 0.48 -0.16	39.97 0.14 -1.11	33.44 0.12 0.00	28.02 0.08 0.00	25.52 0.04 0.00
HICKLING___2 23622	17.47 -0.01 0.00	15.25 -0.18 0.00	14.84 -0.21 0.00	17.14 -0.30 0.00	18.59 -0.34 0.00	13.47 -0.30 0.00	15.51 -0.21 0.00	14.90 -0.21 0.00	16.40 -0.26 0.00	18.82 -0.05 0.00	20.17 0.06 0.00	23.60 0.34 0.00	27.74 0.26 0.00	33.31 0.47 0.00	32.64 0.27 0.00	33.42 0.34 0.00	36.18 0.48 0.00	71.21 1.07 0.00	47.07 0.51 -1.88	39.24 0.48 -0.16	39.97 0.14 -1.11	33.44 0.12 0.00	28.02 0.08 0.00	25.52 0.04 0.00
HIGH FALLS___HY 23754	18.30 0.82 0.00	16.07 0.64 0.00	15.58 0.53 0.00	18.03 0.59 0.00	19.57 0.64 0.00	14.21 0.44 0.00	16.21 0.48 0.00	15.61 0.50 0.00	17.21 0.55 0.00	19.44 0.57 0.00	20.91 0.81 0.00	24.31 1.05 0.00	28.96 1.37 -0.11	34.99 1.89 -0.26	34.66 2.06 -0.23	35.32 2.25 0.00	38.47 2.78 0.00	76.38 6.23 0.00	48.60 3.92 0.00	41.78 3.18 0.00	41.49 2.78 0.00	35.61 2.29 0.00	29.77 1.84 0.00	26.99 1.51 0.00
HILLBURN___GT 23639	18.22 0.74 0.00	16.03 0.60 0.00	15.55 0.50 0.00	17.97 0.53 0.00	19.50 0.57 0.00	14.19 0.42 0.00	16.16 0.44 0.00	15.56 0.46 0.00	16.61 0.45 0.50	19.34 0.47 0.00	18.27 0.75 2.58	24.25 0.99 0.00	29.03 1.30 -0.24	35.20 1.81 -0.55	34.87 2.01 -0.49	35.11 2.03 0.00	38.24 2.54 0.00	75.73 5.58 0.00	48.11 3.43 0.00	41.29 2.69 0.00	41.01 2.29 0.00	35.21 1.90 0.00	23.30 1.55 6.18	26.76 1.27 0.00
HILLSIDE_115KV_TB1 80332	17.33 -0.15 0.00	15.11 -0.31 0.00	14.73 -0.31 0.00	17.05 -0.39 0.00	18.50 -0.43 0.00	13.39 -0.38 0.00	15.40 -0.32 0.00	14.78 -0.32 0.00	16.25 -0.41 0.00	18.62 -0.25 0.00	19.92 -0.18 0.00	23.33 0.07 0.00	27.39 -0.09 0.00	32.89 0.05 0.00	32.27 -0.10 0.00	33.08 0.00 0.00	35.79 0.09 0.00	70.48 0.33 0.00	46.04 -0.06 -1.42	38.72 0.00 -0.12	39.23 -0.33 -0.84	33.03 -0.28 0.00	27.69 -0.24 0.00	25.26 -0.23 0.00
HISHELDN_WT_PWR 323625	16.94 -0.54 0.00	14.81 -0.62 0.00	14.31 -0.74 0.00	16.57 -0.87 0.00	17.93 -0.99 0.00	13.01 -0.76 0.00	15.01 -0.72 0.00	14.38 -0.73 0.00	15.98 -0.68 0.00	18.62 -0.25 0.00	20.01 -0.09 0.00	23.34 0.08 0.00	27.48 0.00 0.00	32.83 -0.01 0.00	31.82 -0.55 0.00	32.33 -0.75 0.00	34.68 -1.01 0.00	67.78 -2.37 0.00	33.39 -1.64 9.65	36.45 -1.31 0.83	31.45 -1.55 5.71	32.07 -1.25 0.00	27.05 -0.88 0.00	24.80 -0.69 0.00
HOLTSVILLE_IC_1 23690	18.90 1.42 0.00	16.69 1.26 0.00	16.19 1.14 0.00	18.56 1.12 0.00	20.13 1.21 0.00	14.72 0.95 0.00	16.70 0.98 0.00	16.18 1.07 0.00	18.10 1.01 -0.43	20.11 1.17 -0.07	32.54 1.60 -10.83	35.60 1.93 -10.41	37.01 2.38 -7.14	92.44 2.93 -56.68	71.28 2.98 -35.93	140.80 3.00 -104.73	323.10 3.59 -283.81	298.86 7.17 -221.54	347.38 4.48 -298.22	159.00 3.47 -116.94	41.85 3.14 0.00	73.25 2.94 -37.00	69.16 2.65 -38.57	27.81 2.28 -0.05
HOLTSVILLE_IC_10 23699	19.01 1.53 0.00	16.79 1.36 0.00	16.28 1.23 0.00	18.65 1.22 0.00	20.23 1.31 0.00	14.79 1.03 0.00	16.78 1.06 0.00	16.25 1.15 0.00	18.19 1.10 -0.43	20.22 1.28 -0.07	32.71 1.74 -10.85	35.79 2.12 -10.41	37.27 2.62 -7.17	96.65 3.25 -60.55	78.73 3.30 -43.05	161.40 3.33 -124.99	346.95 3.97 -307.28	316.65 7.93 -238.57	370.77 4.96 -321.14	168.37 3.86 -125.92	42.21 3.50 0.00	73.53 3.22 -37.00	69.39 2.88 -38.57	28.02 2.48 -0.05
HOLTSVILLE_IC_2 23691	18.90 1.42 0.00	16.69 1.26 0.00	16.19 1.14 0.00	18.56 1.12 0.00	20.13 1.21 0.00	14.72 0.95 0.00	16.70 0.98 0.00	16.18 1.07 0.00	18.10 1.01 -0.43	20.11 1.17 -0.07	32.54 1.60 -10.83	35.60 1.93 -10.41	37.01 2.38 -7.14	92.44 2.93 -56.68	71.28 2.98 -35.93	140.80 3.00 -104.73	323.10 3.59 -283.81	298.86 7.17 -221.54	347.38 4.48 -298.22	159.00 3.47 -116.94	41.85 3.14 0.00	73.25 2.94 -37.00	69.16 2.65 -38.57	27.81 2.28 -0.05

HOLTSVILLE_IC_3 23692	18.90 1.42 0.00	16.69 1.26 0.00	16.19 1.14 0.00	18.56 1.12 0.00	20.13 1.21 0.00	14.72 0.95 0.00	16.70 0.98 0.00	16.18 1.07 0.00	18.10 1.01 -0.43	20.11 1.17 -0.07	32.54 1.60 -10.83	35.60 1.93 -10.41	37.01 2.38 -7.14	92.44 2.93 -56.68	71.28 2.98 -35.93	140.80 3.00 -104.73	323.10 3.59 -283.81	298.86 7.17 -221.54	347.38 4.48 -298.22	159.00 3.47 -116.94	41.85 3.14 0.00	73.25 2.94 -37.00	69.16 2.65 -38.57	27.81 2.28 -0.05
HOLTSVILLE_IC_4 23693	18.90 1.42 0.00	16.69 1.26 0.00	16.19 1.14 0.00	18.56 1.12 0.00	20.13 1.21 0.00	14.72 0.95 0.00	16.70 0.98 0.00	16.18 1.07 0.00	18.10 1.01 -0.43	20.11 1.17 -0.07	32.54 1.60 -10.83	35.60 1.93 -10.41	37.01 2.38 -7.14	92.44 2.93 -56.68	71.28 2.98 -35.93	140.80 3.00 -104.73	323.10 3.59 -283.81	298.86 7.17 -221.54	347.38 4.48 -298.22	159.00 3.47 -116.94	41.85 3.14 0.00	73.25 2.94 -37.00	69.16 2.65 -38.57	27.81 2.28 -0.05
HOLTSVILLE_IC_5 23694	18.90 1.42 0.00	16.69 1.26 0.00	16.19 1.14 0.00	18.56 1.12 0.00	20.13 1.21 0.00	14.72 0.95 0.00	16.70 0.98 0.00	16.18 1.07 0.00	18.10 1.01 -0.43	20.11 1.17 -0.07	32.54 1.60 -10.83	35.60 1.93 -10.41	37.01 2.38 -7.14	92.44 2.93 -56.68	71.28 2.98 -35.93	140.80 3.00 -104.73	323.10 3.59 -283.81	298.86 7.17 -221.54	347.38 4.48 -298.22	159.00 3.47 -116.94	41.85 3.14 0.00	73.25 2.94 -37.00	69.16 2.65 -38.57	27.81 2.28 -0.05
HOLTSVILLE_IC_6 23695	19.01 1.53 0.00	16.79 1.36 0.00	16.28 1.23 0.00	18.65 1.22 0.00	20.23 1.31 0.00	14.79 1.03 0.00	16.78 1.06 0.00	16.25 1.15 0.00	18.19 1.10 -0.43	20.22 1.28 -0.07	32.71 1.74 -10.85	35.79 2.12 -10.41	37.27 2.62 -7.17	96.65 3.25 -60.55	78.73 3.30 -43.05	161.40 3.33 -124.99	346.95 3.97 -307.28	316.65 7.93 -238.57	370.77 4.96 -321.14	168.37 3.86 -125.92	42.21 3.50 0.00	73.53 3.22 -37.00	69.39 2.88 -38.57	28.02 2.48 -0.05
HOLTSVILLE_IC_7 23696	19.01 1.53 0.00	16.79 1.36 0.00	16.28 1.23 0.00	18.65 1.22 0.00	20.23 1.31 0.00	14.79 1.03 0.00	16.78 1.06 0.00	16.25 1.15 0.00	18.19 1.10 -0.43	20.22 1.28 -0.07	32.71 1.74 -10.85	35.79 2.12 -10.41	37.27 2.62 -7.17	96.65 3.25 -60.55	78.73 3.30 -43.05	161.40 3.33 -124.99	346.95 3.97 -307.28	316.65 7.93 -238.57	370.77 4.96 -321.14	168.37 3.86 -125.92	42.21 3.50 0.00	73.53 3.22 -37.00	69.39 2.88 -38.57	28.02 2.48 -0.05
HOLTSVILLE_IC_8 23697	19.01 1.53 0.00	16.79 1.36 0.00	16.28 1.23 0.00	18.65 1.22 0.00	20.23 1.31 0.00	14.79 1.03 0.00	16.78 1.06 0.00	16.25 1.15 0.00	18.19 1.10 -0.43	20.22 1.28 -0.07	32.71 1.74 -10.85	35.79 2.12 -10.41	37.27 2.62 -7.17	96.65 3.25 -60.55	78.73 3.30 -43.05	161.40 3.33 -124.99	346.95 3.97 -307.28	316.65 7.93 -238.57	370.77 4.96 -321.14	168.37 3.86 -125.92	42.21 3.50 0.00	73.53 3.22 -37.00	69.39 2.88 -38.57	28.02 2.48 -0.05
HOLTSVILLE_IC_9 23698	19.01 1.53 0.00	16.79 1.36 0.00	16.28 1.23 0.00	18.65 1.22 0.00	20.23 1.31 0.00	14.79 1.03 0.00	16.78 1.06 0.00	16.25 1.15 0.00	18.19 1.10 -0.43	20.22 1.28 -0.07	32.71 1.74 -10.85	35.79 2.12 -10.41	37.27 2.62 -7.17	96.65 3.25 -60.55	78.73 3.30 -43.05	161.40 3.33 -124.99	346.95 3.97 -307.28	316.65 7.93 -238.57	370.77 4.96 -321.14	168.37 3.86 -125.92	42.21 3.50 0.00	73.53 3.22 -37.00	69.39 2.88 -38.57	28.02 2.48 -0.05
HOMER_HL_115KV_TB2 355744	17.41 -0.07 0.00	15.15 -0.28 0.00	14.69 -0.36 0.00	17.01 -0.43 0.00	18.42 -0.51 0.00	13.30 -0.47 0.00	15.35 -0.37 0.00	14.73 -0.38 0.00	16.30 -0.37 0.00	18.90 0.03 0.00	20.29 0.18 0.00	23.63 0.37 0.00	27.77 0.29 0.00	33.23 0.39 0.00	32.43 0.06 0.00	33.00 -0.08 0.00	35.58 -0.11 0.00	69.95 -0.20 0.00	43.51 -0.37 0.79	38.22 -0.31 0.07	37.75 -0.49 0.47	32.91 -0.41 0.00	27.68 -0.25 0.00	25.30 -0.19 0.00
HOWARD_WT_PWR 323690	16.81 -0.67 0.00	14.64 -0.79 0.00	14.15 -0.90 0.00	16.33 -1.11 0.00	17.75 -1.18 0.00	12.94 -0.83 0.00	15.00 -0.73 0.00	14.41 -0.70 0.00	16.04 -0.62 0.00	18.63 -0.24 0.00	20.10 -0.01 0.00	23.48 0.21 0.00	27.57 0.08 0.00	33.02 0.18 0.00	32.19 -0.18 0.00	32.67 -0.41 0.00	35.34 -0.36 0.00	69.61 -0.54 0.00	55.39 -0.29 -11.00	39.28 -0.27 -0.95	44.72 -0.50 -6.51	32.94 -0.38 0.00	27.31 -0.63 0.00	24.64 -0.85 0.00
HQ_GEN_CEDARS 23644	17.33 -0.14 0.00	15.32 -0.11 0.00	15.01 -0.04 0.00	17.44 0.00 0.00	18.94 0.01 0.00	13.82 0.05 0.00	15.83 0.11 0.00	15.23 0.13 0.00	16.85 0.19 0.00	19.07 0.20 0.00	20.07 -0.04 0.00	23.21 -0.06 0.00	27.41 -0.08 0.00	32.56 -0.28 0.00	31.97 -0.41 0.00	32.66 -0.42 0.00	34.99 -0.71 0.00	67.58 -2.56 0.00	43.73 -0.95 0.00	37.91 -0.69 0.00	38.24 -0.47 0.00	32.94 -0.38 0.00	27.56 -0.37 0.00	25.11 -0.38 0.00
HQ_GEN_CEDARS_PROXY 323590	17.33 -0.14 0.00	15.32 -0.11 0.00	15.01 -0.04 0.00	17.44 0.00 0.00	18.93 0.01 0.00	13.82 0.05 0.00	15.83 0.11 0.00	15.23 0.13 0.00	16.86 0.19 0.00	19.07 0.20 0.00	20.07 -0.04 0.00	23.21 -0.06 0.00	27.41 -0.08 0.00	32.56 -0.28 0.00	31.97 -0.41 0.00	32.66 -0.42 0.00	34.99 -0.71 0.00	67.59 -2.56 0.00	43.72 -0.95 0.00	37.91 -0.69 0.00	38.24 -0.47 0.00	32.94 -0.38 0.00	27.56 -0.37 0.00	25.11 -0.38 0.00
HQ_GEN_IMPORT 323601	17.31 -0.17 0.00	15.28 -0.15 0.00	14.95 -0.10 0.00	17.34 -0.10 0.00	18.83 -0.10 0.00	13.72 -0.05 0.00	15.69 -0.03 0.00	15.08 -0.03 0.00	16.66 0.00 0.00	18.86 -0.01 0.00	20.00 -0.11 0.00	23.14 -0.13 0.00	27.33 -0.15 0.00	32.51 -0.33 0.00	31.99 -0.39 0.00	32.68 -0.40 0.00	34.73 -0.64 0.33	68.48 -1.67 0.00	43.66 -1.02 0.00	37.83 -0.77 0.00	38.19 -0.52 0.00	32.91 -0.41 0.00	27.57 -0.36 0.00	25.16 -0.33 0.00
HQ_GEN_WHEEL 23651	17.31 -0.17 0.00	15.28 -0.15 0.00	14.95 -0.10 0.00	17.34 -0.10 0.00	18.83 -0.10 0.00	13.72 -0.05 0.00	15.69 -0.03 0.00	15.08 -0.03 0.00	16.66 0.00 0.00	18.86 -0.01 0.00	20.00 -0.11 0.00	23.14 -0.13 0.00	27.33 -0.15 0.00	32.51 -0.33 0.00	31.99 -0.39 0.00	32.68 -0.40 0.00	34.73 -0.64 0.33	68.48 -1.67 0.00	43.66 -1.02 0.00	37.83 -0.77 0.00	38.19 -0.52 0.00	32.91 -0.41 0.00	27.57 -0.36 0.00	25.16 -0.33 0.00
HUDSON_AVE_GT_3 23810	18.40 0.92 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.13 0.69 0.00	19.67 0.75 0.00	14.33 0.55 0.00	16.31 0.59 0.00	15.73 0.63 0.00	17.74 0.64 -0.43	19.55 0.68 0.00	23.31 0.99 -2.22	24.54 1.28 0.00	29.40 1.64 -0.28	35.64 2.17 -0.63	35.28 2.35 -0.56	35.49 2.41 0.00	38.64 2.94 0.00	76.39 6.24 0.00	48.53 3.85 0.00	41.68 3.08 0.00	41.40 2.69 0.00	35.65 2.34 0.00	35.20 1.97 -5.30	27.16 1.67 0.00
HUDSON_AVE_GT_4 23540	18.40 0.92 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.13 0.69 0.00	19.67 0.75 0.00	14.33 0.55 0.00	16.31 0.59 0.00	15.73 0.63 0.00	17.74 0.64 -0.43	19.55 0.68 0.00	23.31 0.99 -2.22	24.54 1.28 0.00	29.40 1.64 -0.28	35.64 2.17 -0.63	35.28 2.35 -0.56	35.49 2.41 0.00	38.64 2.94 0.00	76.39 6.24 0.00	48.53 3.85 0.00	41.68 3.08 0.00	41.40 2.69 0.00	35.65 2.34 0.00	35.20 1.97 -5.30	27.16 1.67 0.00

HUDSON AVE_GT_5 23657	18.40 0.92 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.13 0.69 0.00	19.67 0.75 0.00	14.33 0.55 0.00	16.31 0.59 0.00	15.73 0.63 0.00	17.74 0.64 -0.43	19.55 0.68 0.00	23.31 0.99 -2.22	24.54 1.28 0.00	29.40 1.64 -0.28	35.64 2.17 -0.63	35.28 2.35 -0.56	35.49 2.41 0.00	38.64 2.94 0.00	76.39 6.24 0.00	48.53 3.85 0.00	41.68 3.08 0.00	41.40 2.69 0.00	35.65 2.34 0.00	35.20 1.97 -5.30	27.16 1.67 0.00
HUDSON_AVE_10 24168	18.30 0.82 0.00	16.14 0.71 0.00	15.64 0.60 0.01	18.02 0.59 0.01	19.57 0.65 0.01	-84.57 0.48 98.82	6.29 0.50 9.93	15.64 0.54 0.01	17.63 0.54 -0.42	-78.49 0.56 97.92	-300.66 0.86 321.63	24.40 1.14 0.00	29.23 1.46 -0.28	35.44 1.97 -0.63	35.06 2.14 -0.56	35.27 2.19 0.00	38.41 2.72 0.00	75.96 5.81 0.00	48.26 3.58 0.00	41.44 2.84 0.00	41.18 2.47 0.00	35.46 2.14 0.00	35.07 1.84 -5.30	27.04 1.55 0.00
HUDSON___115KV_TB 4 355613	17.97 0.49 0.00	15.96 0.53 0.00	15.54 0.49 0.00	17.91 0.48 0.00	19.44 0.51 0.00	14.23 0.46 0.00	16.15 0.42 0.00	15.49 0.39 0.00	17.04 0.28 -0.09	19.04 0.16 0.00	20.83 0.27 -0.45	23.50 0.24 0.00	27.67 0.40 0.22	33.03 0.68 0.49	32.91 0.97 0.43	34.06 0.98 0.00	37.20 1.51 0.00	73.82 3.67 0.00	47.24 2.57 0.00	40.76 2.17 0.00	40.69 1.97 0.00	34.85 1.54 0.00	30.18 1.18 -1.07	26.38 0.90 0.00
HUNTER MOUNT___DRP 323613	18.06 0.58 0.00	16.05 0.62 0.00	15.64 0.59 0.00	18.02 0.58 0.00	19.56 0.63 0.00	14.31 0.55 0.00	16.24 0.52 0.00	15.58 0.47 0.00	17.10 0.37 -0.07	19.10 0.23 0.00	20.81 0.32 -0.38	23.54 0.28 0.00	27.81 0.48 0.15	33.25 0.74 0.33	33.18 1.10 0.29	34.15 1.07 0.00	37.35 1.66 0.00	74.15 4.00 0.00	47.54 2.87 0.00	41.06 2.46 0.00	40.99 2.28 0.00	35.09 1.77 0.00	30.19 1.34 -0.92	26.52 1.03 0.00
HUNTINGTON_RES_REC 323705	18.74 1.27 0.00	16.56 1.13 0.00	16.06 1.01 0.00	18.42 0.98 0.00	19.98 1.05 0.00	14.61 0.84 0.00	16.57 0.85 0.00	16.04 0.94 0.00	17.96 0.87 -0.43	19.96 1.02 -0.07	32.42 1.46 -10.85	35.50 1.82 -10.41	37.33 2.28 -7.56	172.94 2.94 -137.16	161.77 3.04 -126.35	410.24 3.06 -374.09	787.58 3.70 -748.19	652.33 7.41 -574.77	823.00 4.64 -773.69	345.46 3.50 -303.36	41.81 3.09 0.00	73.26 2.95 -37.00	69.11 2.60 -38.57	27.76 2.23 -0.05
HUNTLEY___63 23557	17.15 -0.33 0.00	15.00 -0.43 0.00	14.51 -0.54 0.00	16.82 -0.61 0.00	18.17 -0.75 0.00	13.12 -0.65 0.00	15.10 -0.63 0.00	14.43 -0.68 0.00	16.08 -0.59 0.00	18.84 -0.03 0.00	20.31 0.21 0.00	23.67 0.41 0.00	27.90 0.41 0.00	33.28 0.44 0.00	32.16 -0.21 0.00	32.69 -0.39 0.00	34.96 -0.73 0.00	67.99 -2.17 -0.02	40.09 -1.64 2.96	37.14 -1.20 0.26	35.55 -1.41 1.75	32.27 -1.05 0.00	27.35 -0.58 0.00	25.20 -0.29 0.00
HUNTLEY___64 23558	17.15 -0.33 0.00	15.00 -0.43 0.00	14.51 -0.54 0.00	16.82 -0.61 0.00	18.17 -0.75 0.00	13.12 -0.65 0.00	15.10 -0.63 0.00	14.43 -0.68 0.00	16.08 -0.59 0.00	18.84 -0.03 0.00	20.31 0.21 0.00	23.67 0.41 0.00	27.90 0.41 0.00	33.28 0.44 0.00	32.16 -0.21 0.00	32.69 -0.39 0.00	34.96 -0.73 0.00	67.99 -2.17 -0.02	40.09 -1.64 2.96	37.14 -1.20 0.26	35.55 -1.41 1.75	32.27 -1.05 0.00	27.35 -0.58 0.00	25.20 -0.29 0.00
HUNTLEY___65 23559	17.15 -0.33 0.00	15.00 -0.43 0.00	14.51 -0.54 0.00	16.82 -0.61 0.00	18.17 -0.75 0.00	13.12 -0.65 0.00	15.10 -0.63 0.00	14.43 -0.68 0.00	16.08 -0.59 0.00	18.84 -0.03 0.00	20.31 0.21 0.00	23.67 0.41 0.00	27.90 0.41 0.00	33.28 0.44 0.00	32.16 -0.21 0.00	32.69 -0.39 0.00	34.96 -0.73 0.00	67.99 -2.17 -0.02	40.09 -1.64 2.96	37.14 -1.20 0.26	35.55 -1.41 1.75	32.27 -1.05 0.00	27.35 -0.58 0.00	25.20 -0.29 0.00
HUNTLEY___66 23560	17.15 -0.33 0.00	15.00 -0.43 0.00	14.51 -0.54 0.00	16.82 -0.61 0.00	18.17 -0.75 0.00	13.12 -0.65 0.00	15.10 -0.63 0.00	14.43 -0.68 0.00	16.08 -0.59 0.00	18.84 -0.03 0.00	20.31 0.21 0.00	23.67 0.41 0.00	27.90 0.41 0.00	33.28 0.44 0.00	32.16 -0.21 0.00	32.69 -0.39 0.00	34.96 -0.73 0.00	67.99 -2.17 -0.02	40.09 -1.64 2.96	37.14 -1.20 0.26	35.55 -1.41 1.75	32.27 -1.05 0.00	27.35 -0.58 0.00	25.20 -0.29 0.00
HUNTLEY___67 23561	17.01 -0.48 0.00	14.87 -0.56 0.00	14.38 -0.67 0.00	16.69 -0.75 0.00	18.03 -0.90 0.00	13.01 -0.76 0.00	14.97 -0.75 0.00	14.32 -0.79 0.00	15.93 -0.73 0.00	18.64 -0.23 0.00	20.07 -0.04 0.00	23.38 0.11 0.00	27.52 0.04 0.00	32.82 -0.02 0.00	31.78 -0.59 0.00	32.29 -0.79 0.00	34.56 -1.14 0.00	67.25 -2.90 0.00	39.11 -2.10 3.46	36.67 -1.63 0.30	34.85 -1.82 2.05	31.90 -1.42 0.00	27.02 -0.91 0.00	24.88 -0.61 0.00
HUNTLEY___68 23562	17.01 -0.48 0.00	14.87 -0.56 0.00	14.38 -0.67 0.00	16.69 -0.75 0.00	18.03 -0.90 0.00	13.01 -0.76 0.00	14.97 -0.75 0.00	14.32 -0.79 0.00	15.93 -0.73 0.00	18.64 -0.23 0.00	20.07 -0.04 0.00	23.38 0.11 0.00	27.52 0.04 0.00	32.82 -0.02 0.00	31.78 -0.59 0.00	32.29 -0.79 0.00	34.56 -1.14 0.00	67.25 -2.90 0.00	39.11 -2.10 3.46	36.67 -1.63 0.30	34.85 -1.82 2.05	31.90 -1.42 0.00	27.02 -0.91 0.00	24.88 -0.61 0.00
HYLAND___LFGE 323620	17.95 0.47 0.00	15.68 0.25 0.00	15.17 0.12 0.00	17.52 0.08 0.00	18.97 0.04 0.00	13.77 0.00 0.00	15.87 0.14 0.00	15.21 0.11 0.00	16.68 0.02 0.00	18.97 0.10 0.00	20.39 0.28 0.00	23.78 0.51 0.00	28.05 0.57 0.00	33.58 0.74 0.00	32.75 0.38 0.00	33.34 0.26 0.00	35.96 0.26 0.00	70.62 0.47 0.00	58.80 1.85 -12.27	41.60 1.94 -1.06	47.79 1.82 -7.26	34.86 1.54 0.00	29.18 1.25 0.00	26.55 1.06 0.00
INDECK___CORINTH 23802	18.56 1.08 0.00	16.42 0.99 0.00	15.99 0.94 0.00	18.48 1.04 0.00	20.06 1.14 0.00	14.61 0.85 0.00	16.65 0.93 0.00	15.90 0.79 0.00	17.59 0.83 -0.09	19.76 0.89 0.00	21.54 0.94 -0.49	24.21 0.95 0.00	28.25 1.09 0.33	32.93 0.83 0.74	32.69 0.97 0.65	34.30 1.22 0.00	37.30 1.60 0.00	74.23 4.08 0.00	47.75 3.07 0.00	41.21 2.62 0.00	41.10 2.38 0.00	35.18 1.86 0.00	30.54 1.44 -1.17	26.62 1.13 0.00
INDECK___ILION 23567	17.43 -0.05 0.00	15.39 -0.04 0.00	15.01 -0.04 0.00	17.37 -0.06 0.00	18.85 -0.07 0.00	13.74 -0.03 0.00	15.65 -0.07 0.00	15.02 -0.08 0.00	16.52 -0.15 0.00	18.67 -0.20 0.00	19.93 -0.18 0.00	23.04 -0.22 0.00	27.26 -0.22 0.00	32.65 -0.19 0.00	32.31 -0.06 0.00	33.06 -0.02 0.00	35.93 0.23 0.00	71.29 1.14 0.00	45.44 0.76 0.00	39.23 0.64 0.00	39.24 0.53 0.00	33.68 0.37 0.00	28.15 0.21 0.00	25.57 0.08 0.00
INDECK___OLEAN 23982	17.41 -0.07 0.00	15.15 -0.28 0.00	14.69 -0.36 0.00	17.00 -0.43 0.00	18.41 -0.52 0.00	13.31 -0.47 0.00	15.35 -0.37 0.00	14.73 -0.38 0.00	16.30 -0.37 0.00	18.90 0.03 0.00	20.29 0.18 0.00	23.63 0.37 0.00	27.77 0.29 0.00	33.24 0.40 0.00	32.43 0.06 0.00	33.00 -0.08 0.00	35.58 -0.12 0.00	69.96 -0.19 0.00	43.51 -0.37 0.79	38.22 -0.31 0.07	37.74 -0.50 0.47	32.91 -0.41 0.00	27.68 -0.25 0.00	25.30 -0.18 0.00



INDECK___OSWEGO 23783	17.40 -0.08 0.00	15.32 -0.11 0.00	14.93 -0.12 0.00	17.29 -0.15 0.00	18.76 -0.16 0.00	13.62 -0.15 0.00	15.56 -0.16 0.00	14.95 -0.15 0.00	16.51 -0.15 0.00	18.74 -0.13 0.00	19.97 -0.13 0.00	23.09 -0.17 0.00	27.22 -0.26 0.00	32.58 -0.26 0.00	32.05 -0.32 0.00	32.74 -0.34 0.00	35.41 -0.29 0.00	69.75 -0.39 0.00	44.42 -0.26 0.00	38.38 -0.22 0.00	38.35 -0.36 0.00	32.99 -0.33 0.00	27.70 -0.23 0.00	25.37 -0.12 0.00
INDECK___YERKES 23781	17.17 -0.31 0.00	15.01 -0.42 0.00	14.52 -0.53 0.00	16.84 -0.60 0.00	18.18 -0.75 0.00	13.13 -0.64 0.00	15.12 -0.60 0.00	14.44 -0.66 0.00	16.10 -0.57 0.00	18.86 -0.01 0.00	20.34 0.24 0.00	23.71 0.45 0.00	27.94 0.46 0.00	33.33 0.49 0.00	32.21 -0.16 0.00	32.75 -0.33 0.00	35.01 -0.69 0.00	68.10 -2.06 -0.02	40.14 -1.58 2.96	37.18 -1.16 0.26	35.61 -1.35 1.75	32.30 -1.01 0.00	27.40 -0.53 0.00	25.23 -0.26 0.00
INDIAN POINT_GT_1 24139	18.22 0.74 0.00	16.07 0.64 0.00	15.59 0.54 0.00	17.98 0.54 0.00	19.52 0.59 0.00	14.21 0.44 0.00	16.17 0.45 0.00	15.58 0.48 0.00	17.63 0.47 -0.50	19.35 0.48 0.00	23.44 0.75 -2.58	24.24 0.97 0.00	29.03 1.27 -0.27	35.20 1.75 -0.61	34.86 1.94 -0.54	35.05 1.97 0.00	38.18 2.48 0.00	75.54 5.39 0.00	48.01 3.33 0.00	41.23 2.63 0.00	40.97 2.26 0.00	35.22 1.91 0.00	35.68 1.58 -6.17	26.80 1.31 0.00
INDIAN POINT_GT_2 23659	18.22 0.74 0.00	16.07 0.64 0.00	15.59 0.54 0.00	17.98 0.54 0.00	19.52 0.59 0.00	14.21 0.44 0.00	16.17 0.45 0.00	15.58 0.48 0.00	17.63 0.47 -0.50	19.35 0.48 0.00	23.44 0.75 -2.58	24.24 0.97 0.00	29.03 1.27 -0.27	35.20 1.75 -0.61	34.86 1.94 -0.54	35.05 1.97 0.00	38.18 2.48 0.00	75.54 5.39 0.00	48.01 3.33 0.00	41.23 2.63 0.00	40.97 2.26 0.00	35.22 1.91 0.00	35.68 1.58 -6.17	26.80 1.31 0.00
INDIAN POINT_GT_3 24019	18.22 0.74 0.00	16.07 0.64 0.00	15.59 0.54 0.00	17.98 0.54 0.00	19.52 0.59 0.00	14.21 0.44 0.00	16.17 0.45 0.00	15.58 0.48 0.00	17.63 0.47 -0.50	19.35 0.48 0.00	23.44 0.75 -2.58	24.24 0.97 0.00	29.03 1.27 -0.27	35.20 1.75 -0.61	34.86 1.94 -0.54	35.05 1.97 0.00	38.18 2.48 0.00	75.54 5.39 0.00	48.01 3.33 0.00	41.23 2.63 0.00	40.97 2.26 0.00	35.22 1.91 0.00	35.68 1.58 -6.17	26.80 1.31 0.00
INDIAN POINT___2 23530	18.20 0.72 0.00	16.05 0.62 0.00	15.57 0.52 0.00	17.97 0.53 0.00	19.50 0.57 0.00	14.19 0.42 0.00	16.16 0.44 0.00	15.56 0.46 0.00	17.78 0.45 -0.67	19.33 0.46 0.00	24.27 0.73 -3.43	24.21 0.95 0.00	28.99 1.24 -0.26	35.14 1.71 -0.59	34.80 1.91 -0.53	35.01 1.93 0.00	38.12 2.42 0.00	75.46 5.31 0.00	47.95 3.27 0.00	41.18 2.58 0.00	40.91 2.20 0.00	35.17 1.85 0.00	37.67 1.53 -8.21	26.75 1.26 0.00
INDIAN POINT___3 23531	18.20 0.72 0.00	16.05 0.62 0.00	15.57 0.52 0.00	17.97 0.53 0.00	19.50 0.57 0.00	14.20 0.43 0.00	16.16 0.44 0.00	15.57 0.46 0.00	17.63 0.46 -0.52	19.33 0.46 0.00	23.48 0.73 -2.64	24.21 0.94 0.00	28.99 1.23 -0.27	35.16 1.70 -0.62	34.81 1.89 -0.54	35.00 1.93 0.00	38.11 2.41 0.00	75.42 5.27 0.00	47.93 3.25 0.00	41.17 2.57 0.00	40.90 2.19 0.00	35.17 1.85 0.00	35.78 1.53 -6.32	26.75 1.26 0.00
INGHAM_C_115KV_TB7 356103	17.28 -0.20 0.00	15.26 -0.17 0.00	14.88 -0.16 0.00	17.20 -0.24 0.00	18.65 -0.27 0.00	13.63 -0.14 0.00	15.49 -0.24 0.00	14.84 -0.26 0.00	16.21 -0.45 0.00	18.26 -0.61 0.00	19.52 -0.58 0.00	22.55 -0.72 0.00	26.74 -0.75 0.00	32.06 -0.78 0.00	31.90 -0.48 0.00	32.69 -0.39 0.00	35.77 0.07 0.00	71.77 1.62 0.00	45.77 1.09 0.00	39.56 0.97 0.00	39.56 0.85 0.00	33.85 0.53 0.00	28.19 0.26 0.00	25.49 0.00 0.00
IP CORINTH___1 23988	18.56 1.08 0.00	16.42 0.99 0.00	15.99 0.94 0.00	18.48 1.04 0.00	20.06 1.13 0.00	14.61 0.85 0.00	16.65 0.93 0.00	15.90 0.79 0.00	17.59 0.83 -0.09	19.76 0.89 0.00	21.54 0.94 -0.49	24.23 0.97 0.00	28.32 1.16 0.33	33.09 0.98 0.74	32.88 1.16 0.65	34.48 1.40 0.00	37.50 1.81 0.00	74.64 4.49 0.00	48.00 3.32 0.00	41.43 2.84 0.00	41.31 2.60 0.00	35.35 2.03 0.00	30.69 1.59 -1.17	26.76 1.27 0.00
IP___TICONDEROGA 23804	19.27 1.79 0.00	17.13 1.70 0.00	16.74 1.69 0.00	19.32 1.88 0.00	20.97 2.04 0.00	15.31 1.54 0.00	17.47 1.74 0.00	16.40 1.30 0.00	18.12 1.36 -0.10	20.38 1.51 0.00	22.29 1.70 -0.49	25.11 1.85 0.00	29.63 2.48 0.34	34.94 2.85 0.75	34.73 3.02 0.67	36.59 3.51 0.00	40.14 4.45 0.00	80.26 10.11 0.00	51.37 6.69 0.00	44.17 5.58 0.00	43.72 5.01 0.00	37.35 4.03 0.00	32.39 3.29 -1.17	28.29 2.80 0.00
ISLIP_RES_REC 323679	19.08 1.61 0.00	16.86 1.43 0.00	16.35 1.30 0.00	18.73 1.29 0.00	20.31 1.39 0.00	14.85 1.08 0.00	16.84 1.12 0.00	16.31 1.21 0.00	18.26 1.17 -0.43	20.32 1.37 -0.07	32.83 1.85 -10.87	35.94 2.27 -10.41	37.44 2.82 -7.14	92.02 3.49 -55.69	75.29 3.56 -39.36	150.06 3.59 -113.39	319.89 4.27 -279.93	295.90 8.52 -217.22	342.43 5.34 -292.41	157.42 4.17 -114.65	42.50 3.78 0.00	73.76 3.45 -37.00	69.57 3.07 -38.57	28.17 2.64 -0.05
JAMAICA___27_KV_LOAD 355505	18.33 0.85 0.00	16.17 0.74 0.00	15.67 0.62 0.01	18.05 0.62 0.01	19.59 0.67 0.01	-84.55 0.50 98.82	6.31 0.52 9.93	15.66 0.56 0.01	17.65 0.57 -0.42	-78.46 0.59 97.92	-300.62 0.90 321.63	24.47 1.20 0.00	29.30 1.54 -0.28	35.52 2.05 -0.63	35.11 2.18 -0.56	35.38 2.31 0.00	38.52 2.83 0.00	76.19 6.04 0.00	48.43 3.75 0.00	41.58 2.98 0.00	41.38 2.67 0.00	35.62 2.30 0.00	35.28 2.05 -5.30	27.22 1.73 0.00
JANIS___SOLAR 323808	18.20 0.72 0.00	15.99 0.57 0.00	15.57 0.52 0.00	18.01 0.57 0.00	19.50 0.57 0.00	14.17 0.41 0.00	16.26 0.54 0.00	15.62 0.51 0.00	17.17 0.50 0.00	19.39 0.52 0.00	20.64 0.53 0.00	23.91 0.65 0.00	28.18 0.70 0.00	33.80 0.96 0.00	33.29 0.92 0.00	34.13 1.05 0.00	37.24 1.55 0.00	74.15 4.00 0.00	48.43 2.95 -0.80	41.38 2.71 -0.07	41.68 2.49 -0.47	35.23 1.91 0.00	29.45 1.52 0.00	26.71 1.23 0.00
JARVIS____ 23743	17.48 0.00 0.00	15.43 0.00 0.00	15.05 0.00 0.00	17.44 0.00 0.00	18.93 0.00 0.00	13.77 0.00 0.00	15.72 0.00 0.00	15.10 0.00 0.00	16.65 -0.01 0.00	18.85 -0.02 0.00	20.11 0.00 0.00	23.27 0.00 0.00	27.48 0.00 0.00	32.88 0.04 0.00	32.44 0.07 0.00	33.16 0.09 0.00	35.87 0.17 0.00	70.65 0.50 0.00	44.99 0.32 0.00	38.83 0.23 0.00	38.87 0.15 0.00	33.44 0.13 0.00	28.01 0.08 0.00	25.54 0.05 0.00
JENNISON___1 23625	18.23 0.75 0.00	16.01 0.58 0.00	15.60 0.55 0.00	18.05 0.61 0.00	19.56 0.63 0.00	14.21 0.44 0.00	16.28 0.56 0.00	15.65 0.54 0.00	17.24 0.58 0.00	19.57 0.70 0.00	20.91 0.80 0.00	24.27 1.01 0.00	28.65 1.17 0.00	34.40 1.56 0.00	33.90 1.52 0.00	34.71 1.64 0.00	37.81 2.11 0.00	74.97 4.82 0.00	47.87 3.20 0.00	41.37 2.77 0.00	41.24 2.53 0.00	35.29 1.97 0.00	29.49 1.56 0.00	26.75 1.26 0.00

JENNISON___2 23626	18.23 0.75 0.00	16.01 0.58 0.00	15.60 0.55 0.00	18.05 0.61 0.00	19.56 0.63 0.00	14.21 0.44 0.00	16.28 0.56 0.00	15.65 0.54 0.00	17.24 0.58 0.00	19.57 0.70 0.00	20.91 0.80 0.00	24.27 1.01 0.00	28.65 1.17 0.00	34.40 1.56 0.00	33.90 1.52 0.00	34.71 1.64 0.00	37.81 2.11 0.00	74.97 4.82 0.00	47.87 3.20 0.00	41.37 2.77 0.00	41.24 2.53 0.00	35.29 1.97 0.00	29.49 1.56 0.00	26.75 1.26 0.00
JERICHO_RISE_WT_PWR 323719	16.84 -0.64 0.00	14.94 -0.49 0.00	14.76 -0.29 0.00	17.21 -0.23 0.00	18.75 -0.17 0.00	13.70 -0.07 0.00	15.68 -0.05 0.00	15.04 -0.06 0.00	16.66 0.00 0.00	18.92 0.04 0.00	20.12 0.01 0.00	23.31 0.04 0.00	27.55 0.07 0.00	32.65 -0.19 0.00	32.05 -0.33 0.00	32.76 -0.32 0.00	35.16 -0.54 0.00	69.07 -1.08 0.00	44.13 -0.54 0.00	38.22 -0.38 0.00	38.35 -0.36 0.00	32.61 -0.71 0.00	27.27 -0.66 0.00	24.86 -0.63 0.00
KATONAH___115KV_46KV_TB4 355592	18.32 0.84 0.00	16.16 0.73 0.00	15.68 0.63 0.00	18.08 0.64 0.00	19.63 0.70 0.00	14.29 0.52 0.00	16.27 0.55 0.00	15.67 0.57 0.00	17.52 0.58 -0.27	19.50 0.62 0.00	22.43 0.91 -1.41	24.42 1.15 0.00	29.26 1.50 -0.28	35.50 2.04 -0.62	35.16 2.23 -0.55	35.38 2.30 0.00	38.55 2.85 0.00	76.26 6.11 0.00	48.44 3.76 0.00	41.60 3.01 0.00	41.34 2.62 0.00	35.53 2.21 0.00	33.11 1.81 -3.37	26.99 1.50 0.00
KCE_NY_1 323755	18.33 0.85 0.00	16.20 0.77 0.00	15.77 0.72 0.00	18.24 0.80 0.00	19.79 0.87 0.00	14.42 0.65 0.00	16.42 0.70 0.00	15.75 0.64 0.00	17.39 0.64 -0.10	19.52 0.65 0.00	21.37 0.78 -0.49	24.13 0.87 0.00	28.28 1.14 0.34	33.38 1.32 0.77	33.17 1.49 0.68	34.64 1.56 0.00	37.71 2.01 0.00	74.92 4.77 0.00	47.88 3.20 0.00	41.21 2.61 0.00	41.14 2.43 0.00	35.24 1.93 0.00	30.61 1.50 -1.18	26.73 1.24 0.00
KCE_NY_6_ESR 323823	17.19 -0.29 0.00	15.02 -0.41 0.00	14.52 -0.53 0.00	16.82 -0.61 0.00	18.18 -0.75 0.00	13.14 -0.63 0.00	15.13 -0.59 0.00	14.48 -0.63 0.00	16.11 -0.56 0.00	18.82 -0.05 0.00	20.26 0.15 0.00	23.65 0.38 0.00	27.85 0.37 0.00	33.26 0.43 0.00	32.23 -0.14 0.00	32.78 -0.30 0.00	35.10 -0.59 0.00	68.46 -1.69 0.00	39.73 -1.34 3.60	37.29 -0.99 0.31	35.39 -1.19 2.13	32.38 -0.94 0.00	27.36 -0.57 0.00	25.16 -0.33 0.00
KEDC_PORT_JEFF_GT2 24210	18.95 1.46 0.00	16.73 1.30 0.00	16.23 1.18 0.00	18.60 1.16 0.00	20.17 1.24 0.00	14.76 0.99 0.00	16.74 1.02 0.00	16.21 1.11 0.00	18.14 1.05 -0.43	20.17 1.22 -0.07	32.64 1.69 -10.84	35.73 2.05 -10.41	37.23 2.55 -7.20	103.06 3.14 -67.08	84.52 3.14 -49.00	179.35 3.06 -143.21	383.78 3.69 -344.40	344.75 7.39 -267.21	408.99 4.61 -359.70	183.17 3.53 -141.04	41.88 3.17 0.00	73.27 2.95 -37.00	69.25 2.75 -38.57	27.92 2.39 -0.05
KEDC_PORT_JEFF_GT3 24211	18.95 1.46 0.00	16.73 1.30 0.00	16.23 1.18 0.00	18.60 1.16 0.00	20.17 1.24 0.00	14.76 0.99 0.00	16.74 1.02 0.00	16.21 1.11 0.00	18.14 1.05 -0.43	20.17 1.22 -0.07	32.64 1.69 -10.84	35.73 2.05 -10.41	37.23 2.55 -7.20	103.06 3.14 -67.08	84.52 3.14 -49.00	179.35 3.06 -143.21	383.78 3.69 -344.40	344.75 7.39 -267.21	408.99 4.61 -359.70	183.17 3.53 -141.04	41.88 3.17 0.00	73.27 2.95 -37.00	69.25 2.75 -38.57	27.92 2.39 -0.05
KEDC_GLWD_GT4 24219	18.52 1.04 0.00	16.33 0.91 0.00	15.84 0.79 0.00	18.23 0.80 0.00	19.79 0.86 0.00	14.44 0.67 0.00	16.40 0.68 0.00	15.84 0.73 0.00	17.81 0.72 -0.43	19.75 0.81 -0.07	33.13 1.18 -11.84	35.15 1.48 -10.41	36.24 1.87 -6.89	41.51 2.47 -6.20	38.59 2.63 -3.59	35.57 2.50 0.00	40.94 3.06 -2.19	76.56 6.41 0.00	48.61 3.93 0.00	41.69 3.09 0.00	41.43 2.72 0.00	72.95 2.64 -37.00	68.71 2.21 -38.57	27.39 1.85 -0.05
KEDC_GLWD_GT5 24220	18.52 1.04 0.00	16.33 0.91 0.00	15.84 0.79 0.00	18.23 0.80 0.00	19.79 0.86 0.00	14.44 0.67 0.00	16.40 0.68 0.00	15.84 0.73 0.00	17.81 0.72 -0.43	19.75 0.81 -0.07	33.13 1.18 -11.84	35.15 1.48 -10.41	36.24 1.87 -6.89	41.51 2.47 -6.20	38.59 2.63 -3.59	35.57 2.50 0.00	40.94 3.06 -2.19	76.56 6.41 0.00	48.61 3.93 0.00	41.69 3.09 0.00	41.43 2.72 0.00	72.95 2.64 -37.00	68.71 2.21 -38.57	27.39 1.85 -0.05
KENSICO____ 23655	18.27 0.79 0.00	16.12 0.69 0.00	15.64 0.59 0.00	18.03 0.59 0.00	19.57 0.65 0.00	14.25 0.48 0.00	16.23 0.50 0.00	15.63 0.53 0.00	17.65 0.53 -0.46	19.41 0.54 0.00	23.29 0.82 -2.36	24.32 1.06 0.00	29.13 1.37 -0.28	35.32 1.86 -0.63	34.97 2.05 -0.55	35.17 2.09 0.00	38.29 2.60 0.00	75.75 5.60 0.00	48.15 3.47 0.00	41.34 2.75 0.00	41.08 2.37 0.00	35.34 2.02 0.00	35.25 1.68 -5.63	26.90 1.41 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.31 0.83 0.00	16.10 0.67 0.00	15.61 0.56 0.00	18.05 0.61 0.00	19.58 0.66 0.00	14.24 0.47 0.00	16.23 0.50 0.00	15.62 0.52 0.00	17.21 0.55 0.00	19.43 0.56 0.00	20.90 0.79 0.00	24.29 1.02 0.00	28.95 1.33 -0.13	34.99 1.85 -0.30	34.67 2.03 -0.27	35.30 2.22 0.00	38.45 2.76 0.00	76.37 6.22 0.00	48.62 3.95 0.00	41.82 3.22 0.00	41.55 2.83 0.00	35.63 2.32 0.00	29.79 1.85 0.00	27.01 1.52 0.00
KIAC_JFK_GT1 23816	18.22 0.74 0.00	16.08 0.65 0.00	15.58 0.54 0.01	17.95 0.52 0.01	19.48 0.56 0.01	-84.63 0.42 98.82	6.23 0.43 9.93	15.57 0.48 0.01	17.56 0.47 -0.42	-78.58 0.47 97.92	-300.75 0.77 321.63	24.31 1.05 0.00	29.12 1.36 -0.28	35.26 1.80 -0.63	34.78 1.85 -0.56	35.03 1.95 0.00	38.12 2.43 0.00	75.40 5.25 0.00	47.92 3.25 0.00	41.15 2.56 0.00	40.95 2.23 0.00	35.25 1.94 0.00	35.07 1.84 -5.30	27.03 1.54 0.00
KIAC_JFK_GT2 23817	18.22 0.74 0.00	16.08 0.65 0.00	15.58 0.54 0.01	17.95 0.52 0.01	19.48 0.56 0.01	-84.63 0.42 98.82	6.23 0.43 9.93	15.57 0.48 0.01	17.56 0.47 -0.42	-78.58 0.47 97.92	-300.75 0.77 321.63	24.31 1.05 0.00	29.12 1.36 -0.28	35.26 1.80 -0.63	34.78 1.85 -0.56	35.03 1.95 0.00	38.12 2.43 0.00	75.40 5.25 0.00	47.92 3.25 0.00	41.15 2.56 0.00	40.95 2.23 0.00	35.25 1.94 0.00	35.07 1.84 -5.30	27.03 1.54 0.00
KIAC_JFK____ 323774	18.22 0.74 0.00	16.08 0.65 0.00	15.58 0.54 0.01	17.95 0.52 0.01	19.49 0.57 0.01	-84.63 0.42 98.82	6.23 0.43 9.93	15.57 0.48 0.01	17.56 0.47 -0.42	-78.58 0.47 97.92	-300.75 0.77 321.63	24.32 1.05 0.00	29.12 1.36 -0.28	35.26 1.80 -0.63	34.78 1.85 -0.56	35.03 1.95 0.00	38.12 2.43 0.00	75.40 5.25 0.00	47.92 3.25 0.00	41.15 2.55 0.00	40.94 2.23 0.00	35.25 1.94 0.00	35.07 1.83 -5.30	27.03 1.54 0.00
KINTIGH____ 23543	17.04 -0.44 0.00	14.92 -0.51 0.00	14.45 -0.60 0.00	16.76 -0.67 0.00	18.12 -0.81 0.00	13.09 -0.68 0.00	15.03 -0.69 0.00	14.38 -0.72 0.00	15.98 -0.68 0.00	18.60 -0.27 0.00	20.00 -0.10 0.00	23.25 -0.01 0.00	27.40 -0.09 0.00	32.68 -0.16 0.00	31.75 -0.62 0.00	32.27 -0.81 0.00	34.60 -1.10 0.00	67.49 -2.66 0.00	40.94 -1.95 1.78	36.92 -1.52 0.15	35.94 -1.72 1.06	32.00 -1.32 0.00	27.08 -0.85 0.00	24.90 -0.59 0.00

KNTFSRNC_46_KV_46KV_LOAD 80397	17.04 -0.44 0.00	15.13 -0.30 0.00	14.97 -0.08 0.00	17.47 0.03 0.00	19.05 0.12 0.00	13.92 0.15 0.00	15.92 0.19 0.00	15.25 0.14 0.00	16.89 0.22 0.00	19.19 0.32 0.00	20.47 0.36 0.00	23.69 0.42 0.00	28.00 0.52 0.00	33.26 0.42 0.00	32.68 0.31 0.00	33.45 0.37 0.00	35.94 0.24 0.00	70.87 0.72 0.00	45.28 0.60 0.00	39.16 0.57 0.00	39.22 0.51 0.00	33.23 -0.09 0.00	27.75 -0.18 0.00	25.28 -0.21 0.00
LACHUTE___HYDRO 323717	19.27 1.79 0.00	17.13 1.70 0.00	16.74 1.69 0.00	19.32 1.88 0.00	20.97 2.04 0.00	15.31 1.54 0.00	17.47 1.74 0.00	16.40 1.30 0.00	18.12 1.36 -0.10	20.38 1.52 0.00	22.29 1.70 -0.49	25.11 1.85 0.00	29.63 2.48 0.34	34.93 2.85 0.75	34.73 3.02 0.67	36.59 3.51 0.00	40.15 4.45 0.00	80.26 10.11 0.00	51.37 6.69 0.00	44.17 5.58 0.00	43.72 5.01 0.00	37.35 4.03 0.00	32.39 3.29 -1.17	28.29 2.80 0.00
LAWRNCALV_115KV_TB1 80681	17.16 -0.33 0.00	15.16 -0.27 0.00	14.88 -0.17 0.00	17.29 -0.14 0.00	18.78 -0.14 0.00	13.71 -0.06 0.00	15.72 0.00 0.00	15.14 0.04 0.00	16.76 0.10 0.00	18.97 0.10 0.00	19.99 -0.12 0.00	23.12 -0.15 0.00	27.27 -0.21 0.00	32.40 -0.44 0.00	31.77 -0.60 0.00	32.45 -0.62 0.00	34.83 -0.86 0.00	67.45 -2.70 0.00	43.67 -1.01 0.00	37.88 -0.72 0.00	38.15 -0.56 0.00	32.84 -0.48 0.00	27.45 -0.48 0.00	24.95 -0.53 0.00
LEDERLE____ 23769	18.27 0.79 0.00	16.10 0.67 0.00	15.61 0.56 0.00	18.03 0.59 0.00	19.57 0.64 0.00	14.23 0.46 0.00	16.21 0.49 0.00	15.61 0.51 0.00	16.60 0.51 0.57	19.40 0.53 0.00	18.01 0.82 2.92	24.33 1.07 0.00	29.13 1.40 -0.25	35.34 1.93 -0.57	35.01 2.14 -0.50	35.24 2.16 0.00	38.38 2.68 0.00	76.01 5.87 0.00	48.29 3.61 0.00	41.44 2.85 0.00	41.16 2.45 0.00	35.35 2.03 0.00	22.61 1.66 6.98	26.86 1.37 0.00
LIGHTHSE_115KV_TB6 355974	17.26 -0.22 0.00	15.21 -0.22 0.00	14.86 -0.19 0.00	17.21 -0.23 0.00	18.65 -0.27 0.00	13.55 -0.22 0.00	15.52 -0.20 0.00	14.96 -0.14 0.00	16.55 -0.11 0.00	18.81 -0.06 0.00	20.07 -0.04 0.00	23.21 -0.05 0.00	27.28 -0.20 0.00	32.67 -0.17 0.00	32.04 -0.33 0.00	32.73 -0.35 0.00	35.54 -0.16 0.00	70.12 -0.03 0.00	44.85 0.17 0.00	38.77 0.18 0.00	38.63 -0.08 0.00	33.27 -0.05 0.00	27.85 -0.08 0.00	25.38 -0.11 0.00
LINDEN COGEN____ 23786	18.29 0.81 0.00	16.12 0.68 0.00	15.62 0.57 0.00	18.01 0.57 0.00	19.55 0.63 0.00	14.22 0.45 0.00	16.18 0.45 0.00	15.61 0.51 0.00	17.59 0.50 -0.43	19.39 0.52 0.00	23.16 0.84 -2.22	24.37 1.10 0.00	29.19 1.43 -0.28	35.39 1.93 -0.63	35.02 2.09 -0.56	35.19 2.11 0.00	38.29 2.59 0.00	75.74 5.59 0.00	48.11 3.43 0.00	41.30 2.70 0.00	41.02 2.31 0.00	35.34 2.02 0.00	32.41 1.70 -2.78	26.92 1.43 0.00
LINDHRST_69_KV_BK1 356055	18.90 1.41 0.00	16.67 1.24 0.00	16.16 1.11 0.00	18.55 1.11 0.00	20.11 1.18 0.00	14.71 0.94 0.00	16.69 0.97 0.00	16.15 1.04 0.00	18.10 1.01 -0.43	20.11 1.17 -0.07	32.98 1.61 -11.27	35.65 1.98 -10.41	36.86 2.47 -6.91	46.60 3.09 -10.67	42.05 3.20 -6.48	45.67 3.24 -9.34	66.69 3.87 -27.13	97.58 7.82 -19.62	75.92 4.84 -26.40	52.75 3.80 -10.35	42.18 3.47 0.00	73.58 3.27 -36.99	69.35 2.85 -38.57	27.96 2.42 -0.05
LIPA_MISC_IPP 23656	19.02 1.54 0.00	16.79 1.36 0.00	16.28 1.24 0.00	18.66 1.23 0.00	20.22 1.29 0.00	14.80 1.03 0.00	16.79 1.07 0.00	16.26 1.16 0.00	18.21 1.12 -0.43	20.25 1.31 -0.07	32.69 1.75 -10.83	35.78 2.11 -10.41	37.24 2.61 -7.15	93.48 3.24 -57.40	72.85 3.30 -37.17	144.71 3.35 -108.29	327.82 3.95 -288.17	302.73 7.85 -224.73	352.11 4.92 -302.52	161.07 3.86 -118.62	42.26 3.55 0.00	73.55 3.24 -36.99	69.41 2.91 -38.57	28.02 2.49 -0.05
LISF___SOLAR 323691	19.06 1.58 0.00	16.82 1.39 0.00	16.31 1.26 0.00	18.69 1.26 0.00	20.27 1.34 0.00	14.83 1.06 0.00	16.82 1.10 0.00	16.29 1.19 0.00	18.24 1.15 -0.43	20.28 1.33 -0.07	32.72 1.78 -10.84	35.81 2.14 -10.41	37.28 2.65 -7.15	94.24 3.28 -58.12	74.21 3.35 -38.49	148.53 3.42 -112.03	332.28 4.04 -292.54	306.11 8.06 -227.90	356.53 5.07 -306.79	162.87 3.99 -120.29	42.37 3.66 0.00	73.65 3.33 -37.00	69.48 2.98 -38.57	28.09 2.55 -0.05
LITTLE FALLS___HYD 24013	17.28 -0.20 0.00	15.26 -0.17 0.00	14.88 -0.16 0.00	17.20 -0.24 0.00	18.65 -0.27 0.00	13.63 -0.14 0.00	15.49 -0.24 0.00	14.84 -0.26 0.00	16.21 -0.45 0.00	18.26 -0.61 0.00	19.52 -0.58 0.00	22.55 -0.72 0.00	26.74 -0.75 0.00	32.06 -0.78 0.00	31.90 -0.48 0.00	32.69 -0.39 0.00	35.77 0.07 0.00	71.77 1.62 0.00	45.77 1.09 0.00	39.56 0.97 0.00	39.56 0.85 0.00	33.85 0.53 0.00	28.19 0.26 0.00	25.49 0.00 0.00
LITTLRIV_115KV_TB1 356100	17.31 -0.17 0.00	15.29 -0.14 0.00	15.01 -0.04 0.00	17.44 0.00 0.00	18.93 0.01 0.00	13.83 0.06 0.00	15.87 0.15 0.00	15.28 0.18 0.00	16.90 0.24 0.00	19.10 0.23 0.00	20.14 0.03 0.00	23.28 0.02 0.00	27.48 0.00 0.00	32.63 -0.21 0.00	31.99 -0.38 0.00	32.70 -0.38 0.00	35.08 -0.62 0.00	67.99 -2.15 0.00	44.18 -0.50 0.00	38.36 -0.24 0.00	38.67 -0.04 0.00	33.27 -0.05 0.00	27.78 -0.15 0.00	25.24 -0.25 0.00
LI_NEWBRDGE___DRP 323616	18.51 1.02 0.00	16.33 0.90 0.00	15.83 0.78 0.00	18.20 0.76 0.00	19.74 0.82 0.00	14.44 0.67 0.00	16.39 0.66 0.00	15.84 0.73 0.00	17.76 0.67 -0.43	19.71 0.77 -0.07	31.86 1.14 -10.61	35.07 1.40 -10.41	36.11 1.74 -6.89	41.29 2.25 -6.20	38.37 2.41 -3.59	35.52 2.45 0.00	40.87 2.99 -2.19	76.28 6.13 0.00	48.47 3.80 0.00	41.53 2.94 0.00	41.30 2.59 0.00	72.75 2.44 -36.99	68.64 2.14 -38.57	27.35 1.82 -0.05
LOCKPORT_115KV_TB60_63_64 80432	16.97 -0.51 0.00	14.86 -0.57 0.00	14.37 -0.68 0.00	16.67 -0.77 0.00	18.00 -0.92 0.00	12.99 -0.78 0.00	14.95 -0.77 0.00	14.28 -0.83 0.00	15.91 -0.75 0.00	18.63 -0.24 0.00	20.07 -0.04 0.00	23.36 0.10 0.00	27.53 0.05 0.00	32.82 -0.02 0.00	31.77 -0.60 0.00	32.28 -0.80 0.00	34.52 -1.18 0.00	67.18 -2.98 0.00	40.01 -2.10 2.57	36.79 -1.59 0.22	35.47 -1.73 1.52	31.97 -1.35 0.00	27.06 -0.87 0.00	24.98 -0.51 0.00
LOCKPORT___CC1 323769	16.96 -0.52 0.00	14.84 -0.58 0.00	14.36 -0.69 0.00	16.66 -0.78 0.00	17.98 -0.94 0.00	12.99 -0.78 0.00	14.94 -0.78 0.00	14.27 -0.83 0.00	15.90 -0.76 0.00	18.62 -0.24 0.00	20.06 -0.05 0.00	23.35 0.09 0.00	27.51 0.03 0.00	32.80 -0.04 0.00	31.74 -0.63 0.00	32.25 -0.83 0.00	34.47 -1.22 0.00	67.09 -3.06 0.00	39.73 -2.18 2.77	36.71 -1.65 0.24	35.27 -1.80 1.64	31.91 -1.41 0.00	27.03 -0.90 0.00	24.94 -0.55 0.00
LOCKPORT___CC2 323770	16.96 -0.52 0.00	14.84 -0.58 0.00	14.36 -0.69 0.00	16.66 -0.78 0.00	17.98 -0.94 0.00	12.99 -0.78 0.00	14.94 -0.78 0.00	14.27 -0.83 0.00	15.90 -0.76 0.00	18.62 -0.24 0.00	20.06 -0.05 0.00	23.35 0.09 0.00	27.51 0.03 0.00	32.80 -0.04 0.00	31.74 -0.63 0.00	32.25 -0.83 0.00	34.47 -1.22 0.00	67.09 -3.06 0.00	39.73 -2.18 2.77	36.71 -1.65 0.24	35.27 -1.80 1.64	31.91 -1.41 0.00	27.03 -0.90 0.00	24.94 -0.55 0.00

LOCKPORT___CC3 323771	16.96 -0.52 0.00	14.84 -0.58 0.00	14.36 -0.69 0.00	16.66 -0.78 0.00	17.98 -0.94 0.00	12.99 -0.78 0.00	14.94 -0.78 0.00	14.27 -0.83 0.00	15.90 -0.76 0.00	18.62 -0.24 0.00	20.06 -0.05 0.00	23.35 0.09 0.00	27.51 0.03 0.00	32.80 -0.04 0.00	31.74 -0.63 0.00	32.25 -0.83 0.00	34.47 -1.22 0.00	67.09 -3.06 0.00	39.73 -2.18 2.77	36.71 -1.65 0.24	35.27 -1.80 1.64	31.91 -1.41 0.00	27.03 -0.90 0.00	24.94 -0.55 0.00
LONG_LAKE_PHOENIX 24014	17.56 0.08 0.00	15.45 0.02 0.00	15.04 -0.01 0.00	17.42 -0.02 0.00	18.86 -0.07 0.00	13.69 -0.08 0.00	15.64 -0.08 0.00	15.02 -0.08 0.00	16.58 -0.08 0.00	18.84 -0.03 0.00	20.08 -0.03 0.00	23.23 -0.03 0.00	27.40 -0.08 0.00	32.80 -0.04 0.00	32.29 -0.09 0.00	32.98 -0.10 0.00	35.68 -0.02 0.00	70.27 0.13 0.00	44.73 0.05 0.00	38.62 0.03 0.00	38.61 -0.10 0.00	33.20 -0.12 0.00	27.88 -0.05 0.00	25.56 0.07 0.00
LOVETT___3 23632	18.18 0.70 0.00	16.03 0.60 0.00	15.55 0.50 0.00	17.95 0.51 0.00	19.48 0.55 0.00	14.18 0.41 0.00	16.14 0.42 0.00	15.54 0.44 0.00	16.50 0.43 0.59	19.31 0.44 0.00	17.77 0.70 3.04	24.19 0.93 0.00	28.96 1.22 -0.26	35.12 1.71 -0.58	34.79 1.91 -0.51	35.00 1.93 0.00	38.11 2.41 0.00	75.46 5.31 0.00	47.94 3.27 0.00	41.17 2.57 0.00	40.89 2.18 0.00	35.14 1.82 0.00	22.15 1.50 7.27	26.72 1.23 0.00
LOVETT___4 23642	18.18 0.70 0.00	16.03 0.60 0.00	15.55 0.50 0.00	17.95 0.51 0.00	19.48 0.55 0.00	14.18 0.41 0.00	16.14 0.42 0.00	15.54 0.44 0.00	16.50 0.43 0.59	19.31 0.44 0.00	17.77 0.70 3.04	24.19 0.93 0.00	28.96 1.22 -0.26	35.12 1.71 -0.58	34.79 1.91 -0.51	35.00 1.93 0.00	38.11 2.41 0.00	75.46 5.31 0.00	47.94 3.27 0.00	41.17 2.57 0.00	40.89 2.18 0.00	35.14 1.82 0.00	22.15 1.50 7.27	26.72 1.23 0.00
LOVETT___5 23593	18.18 0.70 0.00	16.03 0.60 0.00	15.55 0.50 0.00	17.95 0.51 0.00	19.48 0.55 0.00	14.18 0.41 0.00	16.14 0.42 0.00	15.54 0.44 0.00	16.50 0.43 0.59	19.31 0.44 0.00	17.77 0.70 3.04	24.19 0.93 0.00	28.96 1.22 -0.26	35.12 1.71 -0.58	34.79 1.91 -0.51	35.00 1.93 0.00	38.11 2.41 0.00	75.46 5.31 0.00	47.94 3.27 0.00	41.17 2.57 0.00	40.89 2.18 0.00	35.14 1.82 0.00	22.15 1.50 7.27	26.72 1.23 0.00
LOWER RAQUET___HYD 24057	17.10 -0.38 0.00	15.11 -0.32 0.00	14.84 -0.21 0.00	17.25 -0.19 0.00	18.72 -0.20 0.00	13.68 -0.10 0.00	15.69 -0.04 0.00	15.11 0.01 0.00	16.74 0.07 0.00	18.94 0.07 0.00	19.96 -0.14 0.00	23.08 -0.18 0.00	27.22 -0.26 0.00	32.34 -0.49 0.00	31.71 -0.66 0.00	32.40 -0.68 0.00	34.79 -0.91 0.00	67.41 -2.74 0.00	43.67 -1.01 0.00	37.87 -0.73 0.00	38.13 -0.58 0.00	32.82 -0.50 0.00	27.42 -0.51 0.00	24.91 -0.58 0.00
LOWER___HUDSON 24059	17.93 0.45 0.00	15.90 0.47 0.00	15.47 0.43 0.00	17.89 0.45 0.00	19.44 0.51 0.00	14.17 0.40 0.00	16.12 0.39 0.00	15.43 0.33 0.00	17.06 0.29 -0.10	19.07 0.20 0.00	20.95 0.33 -0.52	23.56 0.30 0.00	27.48 0.43 0.43	32.48 0.60 0.96	32.32 0.79 0.85	33.95 0.87 0.00	36.96 1.27 0.00	73.29 3.14 0.00	46.78 2.10 0.00	40.30 1.70 0.00	40.20 1.48 0.00	34.48 1.16 0.00	30.10 0.93 -1.24	26.21 0.72 0.00
LOWVILLE_115KV_TB2 356335	16.77 -0.71 0.00	14.89 -0.54 0.00	14.64 -0.40 0.00	16.99 -0.45 0.00	18.43 -0.49 0.00	13.40 -0.37 0.00	15.41 -0.31 0.00	14.92 -0.19 0.00	16.61 -0.05 0.00	18.90 0.03 0.00	20.18 0.07 0.00	23.37 0.11 0.00	27.36 -0.13 0.00	32.76 -0.08 0.00	31.97 -0.40 0.00	32.65 -0.43 0.00	35.67 -0.02 0.00	70.28 0.13 0.00	45.17 0.49 0.00	38.94 0.34 0.00	38.57 -0.14 0.00	33.30 -0.02 0.00	27.71 -0.23 0.00	24.95 -0.53 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	18.32 0.83 0.00	16.20 0.77 0.00	15.77 0.72 0.00	18.24 0.80 0.00	19.80 0.87 0.00	14.43 0.65 0.00	16.42 0.70 0.00	15.73 0.63 0.00	17.39 0.63 -0.10	19.51 0.64 0.00	21.36 0.77 -0.49	24.10 0.83 0.00	28.21 1.07 0.34	33.31 1.24 0.77	33.10 1.41 0.68	34.60 1.53 0.00	37.67 1.97 0.00	74.81 4.66 0.00	47.81 3.13 0.00	41.20 2.60 0.00	41.09 2.38 0.00	35.22 1.90 0.00	30.61 1.50 -1.18	26.71 1.23 0.00
LUTHERNY_35_KV_BK2 355980	18.33 0.85 0.00	16.20 0.77 0.00	15.77 0.72 0.00	18.24 0.80 0.00	19.79 0.87 0.00	14.42 0.65 0.00	16.42 0.70 0.00	15.75 0.64 0.00	17.40 0.64 -0.10	19.52 0.65 0.00	21.37 0.78 -0.49	24.13 0.87 0.00	28.28 1.14 0.34	33.38 1.32 0.77	33.17 1.48 0.68	34.64 1.56 0.00	37.71 2.01 0.00	74.92 4.77 0.00	47.88 3.20 0.00	41.21 2.61 0.00	41.14 2.43 0.00	35.24 1.93 0.00	30.61 1.50 -1.18	26.73 1.24 0.00
LWR___OSWEGATCHIE_HYD 23850	16.91 -0.57 0.00	14.98 -0.45 0.00	14.72 -0.32 0.00	17.09 -0.35 0.00	18.54 -0.39 0.00	13.51 -0.26 0.00	15.52 -0.21 0.00	14.99 -0.12 0.00	16.63 -0.03 0.00	18.87 0.00 0.00	20.02 -0.09 0.00	23.15 -0.11 0.00	27.17 -0.32 0.00	32.39 -0.45 0.00	31.68 -0.69 0.00	32.36 -0.72 0.00	35.07 -0.62 0.00	68.59 -1.56 0.00	44.29 -0.39 0.00	38.32 -0.28 0.00	38.27 -0.44 0.00	33.02 -0.30 0.00	27.52 -0.41 0.00	24.90 -0.59 0.00
LYONS_FALL_HYD 23570	17.17 -0.31 0.00	15.19 -0.24 0.00	14.89 -0.16 0.00	17.27 -0.17 0.00	18.74 -0.19 0.00	13.63 -0.14 0.00	15.64 -0.08 0.00	15.09 -0.01 0.00	16.75 0.09 0.00	19.03 0.16 0.00	20.31 0.20 0.00	23.52 0.25 0.00	27.62 0.14 0.00	33.08 0.24 0.00	32.41 0.04 0.00	33.14 0.06 0.00	36.10 0.40 0.00	71.21 1.06 0.00	45.64 0.97 0.00	39.38 0.79 0.00	39.15 0.44 0.00	33.73 0.41 0.00	28.11 0.18 0.00	25.41 -0.08 0.00
MADISON___COUNTY_LFGE 323628	17.79 0.31 0.00	15.67 0.25 0.00	15.28 0.23 0.00	17.70 0.26 0.00	19.19 0.26 0.00	13.96 0.19 0.00	15.98 0.25 0.00	15.37 0.26 0.00	16.95 0.29 0.00	19.23 0.36 0.00	20.53 0.42 0.00	23.79 0.52 0.00	28.07 0.59 0.00	33.65 0.81 0.00	33.14 0.77 0.00	33.94 0.86 0.00	36.82 1.12 0.00	72.74 2.60 0.00	46.48 1.80 0.00	40.17 1.57 0.00	40.11 1.40 0.00	34.42 1.10 0.00	28.77 0.84 0.00	26.16 0.67 0.00
MALONE___115KV_TB1 356076	17.05 -0.43 0.00	15.09 -0.34 0.00	14.89 -0.16 0.00	17.34 -0.10 0.00	18.87 -0.05 0.00	13.79 0.02 0.00	15.80 0.07 0.00	15.19 0.08 0.00	16.82 0.16 0.00	19.09 0.22 0.00	20.28 0.17 0.00	23.45 0.18 0.00	27.71 0.23 0.00	32.88 0.04 0.00	32.25 -0.12 0.00	32.96 -0.12 0.00	35.40 -0.30 0.00	69.36 -0.79 0.00	44.54 -0.14 0.00	38.60 0.00 0.00	38.76 0.05 0.00	33.05 -0.27 0.00	27.63 -0.30 0.00	25.11 -0.38 0.00
MAPLEWOD_115KV_TB3 80458	17.82 0.34 0.00	15.83 0.40 0.00	15.40 0.36 0.00	17.78 0.34 0.00	19.30 0.38 0.00	14.11 0.34 0.00	16.01 0.29 0.00	15.35 0.25 0.00	16.94 0.17 -0.10	18.96 0.08 0.00	20.85 0.23 -0.51	23.48 0.22 0.00	27.49 0.34 0.34	32.64 0.55 0.76	32.45 0.75 0.67	33.90 0.82 0.00	36.91 1.21 0.00	73.14 2.99 0.00	46.65 1.97 0.00	40.17 1.57 0.00	40.06 1.35 0.00	34.38 1.06 0.00	29.99 0.84 -1.23	26.12 0.63 0.00

MAPLE_RIDGE_WT_1 323574	16.92 -0.56 0.00	15.00 -0.43 0.00	14.73 -0.32 0.00	17.14 -0.30 0.00	18.62 -0.30 0.00	13.57 -0.21 0.00	15.52 -0.20 0.00	14.96 -0.15 0.00	16.57 -0.09 0.00	18.79 -0.08 0.00	20.02 -0.09 0.00	23.15 -0.11 0.00	27.25 -0.23 0.00	32.57 -0.26 0.00	32.02 -0.35 0.00	32.67 -0.41 0.00	35.28 -0.42 0.00	69.17 -0.98 0.00	44.09 -0.59 0.00	37.90 -0.70 0.00	37.89 -0.82 0.00	32.76 -0.56 0.00	27.33 -0.60 0.00	24.91 -0.58 0.00
MAPLE_RIDGE_WT_2 323611	16.92 -0.56 0.00	15.00 -0.43 0.00	14.73 -0.32 0.00	17.14 -0.30 0.00	18.62 -0.30 0.00	13.57 -0.21 0.00	15.52 -0.20 0.00	14.96 -0.15 0.00	16.57 -0.09 0.00	18.79 -0.08 0.00	20.02 -0.09 0.00	23.15 -0.11 0.00	27.25 -0.23 0.00	32.57 -0.26 0.00	32.02 -0.35 0.00	32.67 -0.41 0.00	35.28 -0.42 0.00	69.17 -0.98 0.00	44.09 -0.59 0.00	37.90 -0.70 0.00	37.89 -0.82 0.00	32.76 -0.56 0.00	27.33 -0.60 0.00	24.91 -0.58 0.00
MARBLE_RIVER_WT_PWR 323696	16.82 -0.66 0.00	14.92 -0.51 0.00	14.77 -0.28 0.00	17.23 -0.21 0.00	18.79 -0.13 0.00	13.72 -0.05 0.00	15.70 -0.03 0.00	15.06 -0.05 0.00	16.67 0.00 0.00	18.94 0.07 0.00	20.18 0.07 0.00	23.37 0.11 0.00	27.63 0.15 0.00	32.77 -0.07 0.00	32.16 -0.21 0.00	32.88 -0.20 0.00	35.32 -0.38 0.00	69.48 -0.67 0.00	44.39 -0.29 0.00	38.41 -0.19 0.00	38.51 -0.20 0.00	32.66 -0.66 0.00	27.30 -0.63 0.00	24.89 -0.60 0.00
MARSHVLE_115KV_TB1 80742	18.74 1.25 0.00	16.50 1.07 0.00	16.07 1.02 0.00	18.68 1.24 0.00	20.27 1.34 0.00	14.69 0.92 0.00	16.85 1.13 0.00	16.19 1.09 0.00	17.98 1.25 -0.07	20.45 1.58 0.00	22.13 1.67 -0.36	25.05 1.79 0.00	29.53 2.25 0.21	34.89 2.51 0.47	34.13 2.17 0.41	35.15 2.07 0.00	37.81 2.12 0.00	74.84 4.69 0.00	47.93 3.25 0.00	41.66 3.07 0.00	41.88 3.17 0.00	36.03 2.71 0.00	30.98 2.19 -0.85	27.53 2.04 0.00
MARSH_HILL_WT_PWR 323713	16.78 -0.70 0.00	14.62 -0.81 0.00	14.14 -0.91 0.00	16.32 -1.11 0.00	17.74 -1.18 0.00	12.94 -0.83 0.00	14.99 -0.73 0.00	14.39 -0.71 0.00	16.03 -0.64 0.00	18.61 -0.26 0.00	20.07 -0.04 0.00	23.45 0.18 0.00	27.52 0.04 0.00	32.98 0.14 0.00	32.14 -0.23 0.00	32.63 -0.45 0.00	35.30 -0.40 0.00	69.49 -0.66 0.00	56.32 -0.36 -12.00	39.31 -0.32 -1.04	45.24 -0.57 -7.10	32.88 -0.43 0.00	27.24 -0.69 0.00	24.58 -0.91 0.00
MCINTYRE_115KV_TB2 80467	17.45 -0.03 0.00	15.42 -0.01 0.00	15.13 0.08 0.00	17.56 0.12 0.00	19.07 0.14 0.00	13.93 0.16 0.00	15.98 0.26 0.00	15.38 0.28 0.00	16.98 0.32 0.00	19.15 0.28 0.00	20.19 0.08 0.00	23.35 0.09 0.00	27.59 0.10 0.00	32.73 -0.11 0.00	32.10 -0.27 0.00	32.81 -0.27 0.00	35.15 -0.55 0.00	68.09 -2.06 0.00	44.35 -0.33 0.00	38.57 -0.03 0.00	38.94 0.23 0.00	33.50 0.18 0.00	27.97 0.04 0.00	25.42 -0.07 0.00
MECO____69_KV_BK1 80468	19.25 1.77 0.00	16.84 1.41 0.00	16.38 1.33 0.00	19.07 1.63 0.00	20.69 1.76 0.00	15.03 1.26 0.00	17.23 1.51 0.00	16.31 1.20 0.00	17.68 0.94 -0.08	20.45 1.58 0.00	21.69 1.19 -0.39	24.11 0.85 0.00	29.15 1.90 0.23	34.29 1.96 0.51	33.66 1.74 0.45	34.44 1.37 0.00	37.68 1.98 0.00	78.82 8.67 0.00	50.34 5.66 0.00	43.99 5.39 0.00	43.90 5.18 0.00	37.59 4.27 0.00	32.29 3.41 -0.94	28.50 3.01 0.00
MENANDS__115KV_TB5 355628	17.71 0.23 0.00	15.74 0.31 0.00	15.32 0.28 0.00	17.67 0.23 0.00	19.19 0.26 0.00	14.04 0.27 0.00	15.92 0.20 0.00	15.27 0.17 0.00	16.83 0.07 -0.10	18.83 -0.04 0.00	20.72 0.10 -0.51	23.32 0.06 0.00	27.30 0.15 0.34	32.42 0.33 0.75	32.25 0.54 0.67	33.67 0.59 0.00	36.66 0.96 0.00	72.59 2.44 0.00	46.27 1.60 0.00	39.85 1.25 0.00	39.74 1.03 0.00	34.11 0.79 0.00	29.78 0.62 -1.23	25.93 0.44 0.00
MG INDUSTRY___DRP 24185	17.80 0.33 0.00	15.80 0.37 0.00	15.40 0.35 0.00	17.80 0.36 0.00	19.32 0.39 0.00	14.11 0.34 0.00	16.02 0.30 0.00	15.37 0.26 0.00	16.93 0.18 -0.09	18.96 0.09 0.00	20.78 0.21 -0.47	23.43 0.17 0.00	27.54 0.26 0.20	32.85 0.47 0.46	32.62 0.65 0.40	33.76 0.68 0.00	36.72 1.02 0.00	72.62 2.47 0.00	46.32 1.64 0.00	39.93 1.33 0.00	39.86 1.14 0.00	34.23 0.92 0.00	29.77 0.72 -1.12	26.04 0.55 0.00
MID___OSWEGATCHIE_HYD 23849	16.91 -0.57 0.00	14.98 -0.45 0.00	14.72 -0.32 0.00	17.09 -0.35 0.00	18.54 -0.39 0.00	13.51 -0.26 0.00	15.52 -0.21 0.00	14.99 -0.12 0.00	16.63 -0.03 0.00	18.87 0.00 0.00	20.02 -0.09 0.00	23.15 -0.11 0.00	27.17 -0.32 0.00	32.39 -0.45 0.00	31.68 -0.69 0.00	32.36 -0.72 0.00	35.07 -0.62 0.00	68.59 -1.56 0.00	44.29 -0.39 0.00	38.32 -0.28 0.00	38.27 -0.44 0.00	33.02 -0.30 0.00	27.52 -0.41 0.00	24.90 -0.59 0.00
MID___RAQUETTE_HYD 23851	17.10 -0.38 0.00	15.11 -0.32 0.00	14.84 -0.21 0.00	17.25 -0.19 0.00	18.73 -0.20 0.00	13.68 -0.10 0.00	15.69 -0.04 0.00	15.11 0.01 0.00	16.74 0.07 0.00	18.94 0.07 0.00	19.96 -0.14 0.00	23.09 -0.18 0.00	27.23 -0.26 0.00	32.34 -0.50 0.00	31.71 -0.66 0.00	32.40 -0.68 0.00	34.78 -0.91 0.00	67.41 -2.74 0.00	43.67 -1.01 0.00	37.87 -0.73 0.00	38.13 -0.58 0.00	32.82 -0.50 0.00	27.42 -0.51 0.00	24.91 -0.58 0.00
MILLIKEN___1 23584	17.91 0.43 0.00	15.74 0.31 0.00	15.30 0.26 0.00	17.74 0.30 0.00	19.22 0.30 0.00	13.96 0.19 0.00	15.99 0.27 0.00	15.35 0.24 0.00	16.92 0.26 0.00	19.21 0.34 0.00	20.51 0.40 0.00	23.77 0.50 0.00	28.03 0.55 0.00	33.55 0.71 0.00	33.04 0.67 0.00	33.87 0.79 0.00	36.73 1.04 0.00	72.66 2.52 0.00	47.30 1.73 -0.89	40.16 1.49 -0.08	40.55 1.32 -0.53	34.37 1.05 0.00	28.78 0.85 0.00	26.24 0.75 0.00
MILLIKEN___2 23585	17.91 0.43 0.00	15.74 0.31 0.00	15.30 0.26 0.00	17.74 0.30 0.00	19.22 0.30 0.00	13.96 0.19 0.00	15.99 0.27 0.00	15.35 0.24 0.00	16.92 0.26 0.00	19.21 0.34 0.00	20.51 0.40 0.00	23.77 0.50 0.00	28.03 0.55 0.00	33.55 0.71 0.00	33.04 0.67 0.00	33.87 0.79 0.00	36.73 1.04 0.00	72.66 2.52 0.00	47.30 1.73 -0.89	40.16 1.49 -0.08	40.55 1.32 -0.53	34.37 1.05 0.00	28.78 0.85 0.00	26.24 0.75 0.00
MILLIKEN___DIESEL 23629	17.91 0.43 0.00	15.74 0.31 0.00	15.30 0.26 0.00	17.74 0.30 0.00	19.22 0.30 0.00	13.96 0.19 0.00	15.99 0.27 0.00	15.35 0.24 0.00	16.92 0.26 0.00	19.21 0.34 0.00	20.51 0.40 0.00	23.77 0.50 0.00	28.03 0.55 0.00	33.55 0.71 0.00	33.04 0.67 0.00	33.87 0.79 0.00	36.73 1.04 0.00	72.66 2.52 0.00	47.30 1.73 -0.89	40.16 1.49 -0.08	40.55 1.32 -0.53	34.37 1.05 0.00	28.78 0.85 0.00	26.24 0.75 0.00
MILLSEAT___LFGE 323607	17.31 -0.17 0.00	15.15 -0.28 0.00	14.65 -0.40 0.00	16.99 -0.45 0.00	18.35 -0.57 0.00	13.26 -0.51 0.00	15.25 -0.48 0.00	14.58 -0.53 0.00	16.22 -0.45 0.00	18.91 0.04 0.00	20.35 0.25 0.00	23.68 0.42 0.00	27.95 0.46 0.00	33.36 0.52 0.00	32.39 0.02 0.00	32.94 -0.14 0.00	35.30 -0.40 0.00	69.13 -1.02 0.00	41.76 -0.78 2.13	37.96 -0.45 0.18	36.84 -0.61 1.26	32.88 -0.44 0.00	27.78 -0.15 0.00	25.57 0.08 0.00

MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	18.23 0.75 0.00	16.08 0.65 0.00	15.60 0.55 0.00	18.00 0.56 0.00	19.54 0.61 0.00	14.23 0.46 0.00	16.19 0.47 0.00	15.60 0.49 0.00	17.64 0.49 -0.48	19.37 0.50 0.00	23.35 0.78 -2.46	24.26 1.00 0.00	29.06 1.30 -0.28	35.24 1.78 -0.62	34.88 1.96 -0.55	35.07 2.00 0.00	38.20 2.50 0.00	75.59 5.44 0.00	48.04 3.36 0.00	41.26 2.66 0.00	41.00 2.28 0.00	35.25 1.93 0.00	35.42 1.61 -5.88	26.82 1.33 0.00
MILLWOOD_13_KV_LOAD 356217	18.28 0.80 0.00	16.13 0.70 0.00	15.65 0.60 0.00	18.05 0.61 0.00	19.59 0.66 0.00	14.26 0.49 0.00	16.23 0.51 0.00	15.64 0.54 0.00	17.68 0.54 -0.48	19.43 0.56 0.00	23.41 0.84 -2.46	24.35 1.08 0.00	29.17 1.41 -0.28	35.37 1.91 -0.62	35.02 2.10 -0.55	35.23 2.16 0.00	38.37 2.67 0.00	75.92 5.78 0.00	48.25 3.57 0.00	41.44 2.85 0.00	41.16 2.45 0.00	35.40 2.08 0.00	35.53 1.72 -5.88	26.92 1.43 0.00
MODEL_CITY_ENERGY 24167	16.79 -0.69 0.00	14.70 -0.73 0.00	14.22 -0.83 0.00	16.49 -0.94 0.00	17.80 -1.12 0.00	12.86 -0.91 0.00	14.79 -0.93 0.00	14.12 -0.98 0.00	15.74 -0.92 0.00	18.43 -0.43 0.00	19.85 -0.25 0.00	23.11 -0.16 0.00	27.21 -0.27 0.00	32.42 -0.41 0.00	31.37 -1.00 0.00	31.87 -1.21 0.00	34.04 -1.65 0.00	66.20 -3.95 0.00	39.24 -2.72 2.71	36.26 -2.11 0.23	34.88 -2.22 1.61	31.53 -1.79 0.00	26.71 -1.22 0.00	24.69 -0.79 0.00
MODERN_LFGE_ 323580	16.79 -0.69 0.00	14.70 -0.73 0.00	14.22 -0.83 0.00	16.49 -0.94 0.00	17.80 -1.12 0.00	12.86 -0.91 0.00	14.79 -0.93 0.00	14.12 -0.98 0.00	15.74 -0.92 0.00	18.43 -0.43 0.00	19.85 -0.25 0.00	23.11 -0.16 0.00	27.21 -0.27 0.00	32.42 -0.41 0.00	31.37 -1.00 0.00	31.87 -1.21 0.00	34.04 -1.65 0.00	66.20 -3.95 0.00	39.24 -2.72 2.71	36.26 -2.11 0.23	34.88 -2.22 1.61	31.53 -1.79 0.00	26.71 -1.22 0.00	24.69 -0.79 0.00
MOHAWK_PAPER___DRP 24187	17.82 0.34 0.00	15.83 0.40 0.00	15.40 0.36 0.00	17.78 0.34 0.00	19.30 0.38 0.00	14.11 0.34 0.00	16.01 0.29 0.00	15.35 0.25 0.00	16.94 0.17 -0.10	18.96 0.08 0.00	20.85 0.23 -0.51	23.48 0.22 0.00	27.49 0.34 0.34	32.64 0.55 0.76	32.45 0.75 0.67	33.90 0.82 0.00	36.91 1.21 0.00	73.14 2.99 0.00	46.65 1.97 0.00	40.17 1.57 0.00	40.06 1.35 0.00	34.38 1.06 0.00	29.99 0.84 -1.23	26.12 0.63 0.00
MOHICAN__35_KV_115KV_LD 80490	18.61 1.13 0.00	16.47 1.04 0.00	16.04 0.99 0.00	18.53 1.09 0.00	20.11 1.19 0.00	14.66 0.89 0.00	16.71 0.99 0.00	15.93 0.83 0.00	17.62 0.86 -0.10	19.78 0.91 0.00	21.59 0.99 -0.49	24.31 1.05 0.00	28.45 1.31 0.34	33.38 1.30 0.76	33.18 1.49 0.67	34.81 1.74 0.00	37.93 2.23 0.00	75.47 5.32 0.00	48.47 3.79 0.00	41.81 3.21 0.00	41.65 2.94 0.00	35.61 2.29 0.00	30.92 1.82 -1.17	26.97 1.48 0.00
MONGAUP___HYD 23641	18.21 0.73 0.00	16.02 0.59 0.00	15.55 0.50 0.00	17.99 0.55 0.00	19.51 0.58 0.00	14.20 0.43 0.00	16.18 0.46 0.00	15.57 0.47 0.00	16.76 0.44 0.34	19.30 0.43 0.00	18.98 0.60 1.73	24.00 0.73 0.00	28.64 0.94 -0.22	34.67 1.34 -0.50	34.40 1.59 -0.44	34.72 1.65 0.00	37.79 2.10 0.00	75.06 4.91 0.00	47.90 3.22 0.00	41.24 2.64 0.00	41.07 2.36 0.00	35.33 2.01 0.00	25.39 1.60 4.14	26.78 1.29 0.00
MONTAUK___DIESEL 23721	19.83 2.35 0.00	17.51 2.08 0.00	16.98 1.92 0.00	19.41 1.97 0.00	21.03 2.10 0.00	15.37 1.60 0.00	17.43 1.70 0.00	16.92 1.81 0.00	19.05 1.96 -0.43	21.35 2.41 -0.07	33.98 3.04 -10.83	37.33 3.66 -10.41	39.05 4.42 -7.15	96.08 5.53 -57.71	75.66 5.62 -37.67	148.55 5.75 -109.73	332.11 6.40 -290.01	308.65 12.42 -226.08	356.89 7.88 -304.33	164.23 6.30 -119.33	44.48 5.77 0.00	75.31 5.00 -36.99	71.13 4.63 -38.57	29.50 3.96 -0.05
MOONROAD_115KV_HARTFLD_TB1-2 355988	17.14 -0.34 0.00	15.01 -0.41 0.00	14.44 -0.61 0.00	16.65 -0.79 0.00	18.04 -0.89 0.00	13.11 -0.65 0.00	15.13 -0.59 0.00	14.57 -0.53 0.00	16.23 -0.43 0.00	19.03 0.16 0.00	20.37 0.27 0.00	23.86 0.59 0.00	28.16 0.68 0.00	33.45 0.61 0.00	32.50 0.13 0.00	32.84 -0.23 0.00	35.42 -0.27 0.00	70.17 0.02 0.00	41.96 -0.13 2.59	38.45 0.08 0.22	36.97 -0.21 1.53	32.83 -0.49 0.00	27.52 -0.41 0.00	25.11 -0.38 0.00
MORTIMER_115KV_TB3 55949	17.42 -0.06 0.00	15.28 -0.15 0.00	14.82 -0.23 0.00	17.17 -0.27 0.00	18.58 -0.35 0.00	13.44 -0.33 0.00	15.41 -0.31 0.00	14.77 -0.34 0.00	16.38 -0.28 0.00	18.92 0.05 0.00	20.32 0.22 0.00	23.64 0.37 0.00	27.92 0.44 0.00	33.37 0.53 0.00	32.61 0.23 0.00	33.21 0.13 0.00	35.74 0.05 0.00	70.06 -0.09 0.00	44.44 -0.24 0.00	38.47 -0.12 0.00	38.40 -0.31 0.00	33.11 -0.20 0.00	27.91 -0.02 0.00	25.59 0.10 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.37 0.89 0.00	16.20 0.78 0.00	15.71 0.66 0.00	18.10 0.66 0.00	19.65 0.73 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.71 0.60 0.00	17.71 0.61 -0.43	19.51 0.64 0.00	23.26 0.94 -2.22	24.48 1.21 0.00	29.31 1.54 -0.28	35.54 2.07 -0.63	35.18 2.25 -0.56	35.37 2.30 0.00	38.51 2.82 0.00	76.17 6.02 0.00	48.40 3.72 0.00	41.56 2.96 0.00	41.29 2.58 0.00	35.55 2.24 0.00	35.11 1.88 -5.30	27.07 1.58 0.00
MUNSVILLE_WIND_PWR 323609	18.58 1.10 0.00	16.35 0.92 0.00	15.93 0.88 0.00	18.40 0.96 0.00	19.90 0.97 0.00	14.48 0.71 0.00	16.64 0.92 0.00	16.01 0.90 0.00	17.65 0.99 0.00	19.98 1.11 0.00	21.32 1.22 0.00	24.76 1.49 0.00	29.16 1.68 0.00	35.03 2.20 0.00	34.54 2.17 0.00	35.39 2.31 0.00	38.73 3.03 0.00	77.16 7.02 0.00	50.10 4.82 -0.60	42.92 4.27 -0.05	43.05 3.98 -0.36	36.29 2.97 0.00	30.31 2.38 0.00	27.27 1.79 0.00
N SALMON___HYD 24042	17.05 -0.43 0.00	15.09 -0.34 0.00	14.89 -0.16 0.00	17.34 -0.10 0.00	18.87 -0.05 0.00	13.79 0.02 0.00	15.80 0.07 0.00	15.19 0.08 0.00	16.82 0.16 0.00	19.09 0.22 0.00	20.27 0.17 0.00	23.45 0.18 0.00	27.71 0.23 0.00	32.88 0.04 0.00	32.25 -0.12 0.00	32.96 -0.12 0.00	35.40 -0.30 0.00	69.36 -0.79 0.00	44.54 -0.14 0.00	38.60 0.00 0.00	38.76 0.05 0.00	33.05 -0.27 0.00	27.63 -0.30 0.00	25.11 -0.38 0.00
N.AKRON__115KV_KNAPP 355671	17.22 -0.26 0.00	15.07 -0.36 0.00	14.57 -0.48 0.00	16.90 -0.54 0.00	18.26 -0.67 0.00	13.18 -0.59 0.00	15.16 -0.56 0.00	14.49 -0.61 0.00	16.13 -0.53 0.00	18.85 -0.02 0.00	20.30 0.20 0.00	23.63 0.37 0.00	27.87 0.39 0.00	33.26 0.42 0.00	32.24 -0.13 0.00	32.77 -0.31 0.00	35.11 -0.59 0.00	68.58 -1.57 0.00	41.20 -1.17 2.30	37.62 -0.77 0.20	36.41 -0.94 1.36	32.62 -0.70 0.00	27.57 -0.36 0.00	25.41 -0.07 0.00
N.BELMOR_69_KV_BK1 55787	18.65 1.17 0.00	16.45 1.02 0.00	15.95 0.90 0.00	18.33 0.89 0.00	19.88 0.96 0.00	14.53 0.76 0.00	16.50 0.77 0.00	15.94 0.84 0.00	17.90 0.81 -0.43	19.87 0.93 -0.07	33.66 1.33 -12.22	35.31 1.64 -10.41	36.41 2.04 -6.89	41.71 2.67 -6.20	38.79 2.83 -3.59	35.98 2.90 0.00	41.36 3.47 -2.19	77.22 7.07 0.00	49.01 4.33 0.00	42.00 3.40 0.00	41.75 3.04 0.00	73.16 2.85 -36.99	68.96 2.45 -38.57	27.62 2.08 -0.05

N.E_GEN_SANDY PD 24062	17.90 0.42 0.00	15.87 0.44 0.00	15.42 0.37 0.00	17.81 0.37 0.00	19.35 0.42 0.00	14.11 0.34 0.00	16.06 0.33 0.00	15.24 0.29 0.16	17.08 0.26 -0.15	19.02 0.15 0.00	21.24 0.31 -0.82	23.52 0.28 0.03	25.60 0.40 2.28	28.35 0.65 5.14	28.68 0.86 4.55	33.99 0.91 0.00	36.71 1.34 0.33	73.42 3.27 0.00	46.79 2.11 0.00	40.25 1.66 0.00	40.12 1.40 0.00	34.43 1.09 -0.02	30.70 0.89 -1.88	26.24 0.69 -0.06
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.22 0.74 0.00	16.05 0.63 0.00	15.57 0.52 0.00	17.98 0.54 0.00	19.51 0.58 0.00	14.20 0.43 0.00	16.17 0.44 0.00	15.56 0.46 0.00	16.54 0.46 0.58	19.35 0.47 0.00	17.88 0.75 2.98	24.25 0.98 0.00	29.04 1.30 -0.26	35.22 1.81 -0.57	34.89 2.01 -0.51	35.12 2.04 0.00	38.24 2.55 0.00	75.73 5.58 0.00	48.11 3.43 0.00	41.29 2.69 0.00	41.01 2.30 0.00	35.23 1.91 0.00	22.38 1.57 7.12	26.78 1.29 0.00
N.QUEENS_27_KV_LOAD 356247	18.34 0.86 0.00	16.17 0.74 0.00	15.66 0.62 0.00	18.03 0.59 0.00	19.56 0.63 0.00	14.24 0.47 0.00	16.22 0.50 0.00	15.65 0.54 0.00	17.65 0.56 -0.43	19.46 0.59 0.00	23.17 0.85 -2.22	24.43 1.16 0.00	29.25 1.48 -0.28	35.55 2.08 -0.63	35.16 2.23 -0.56	35.28 2.20 0.00	38.36 2.67 0.00	75.91 5.76 0.00	48.27 3.59 0.00	41.45 2.85 0.00	41.15 2.43 0.00	35.47 2.15 0.00	35.10 1.87 -5.30	27.03 1.55 0.00
N.TROY____115KV_TB1 355778	17.93 0.45 0.00	15.90 0.47 0.00	15.47 0.43 0.00	17.89 0.45 0.00	19.44 0.51 0.00	14.17 0.40 0.00	16.12 0.39 0.00	15.44 0.33 0.00	17.06 0.29 -0.10	19.07 0.20 0.00	20.95 0.33 -0.52	23.56 0.30 0.00	27.48 0.43 0.43	32.48 0.60 0.96	32.32 0.79 0.85	33.95 0.87 0.00	36.96 1.27 0.00	73.29 3.14 0.00	46.77 2.10 0.00	40.30 1.70 0.00	40.20 1.48 0.00	34.48 1.16 0.00	30.10 0.93 -1.24	26.21 0.73 0.00
NARROWS_GT1_1 24228	18.41 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.67 0.74 0.00	14.31 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.26 -0.63	35.40 2.47 -0.56	35.56 2.48 0.00	38.68 2.99 0.00	76.56 6.41 0.00	48.67 3.99 0.00	41.79 3.19 0.00	41.49 2.77 0.00	35.74 2.43 0.00	35.29 2.06 -5.30	27.24 1.75 0.00
NARROWS_GT1_2 24229	18.41 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.67 0.74 0.00	14.31 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.26 -0.63	35.40 2.47 -0.56	35.56 2.48 0.00	38.68 2.99 0.00	76.56 6.41 0.00	48.67 3.99 0.00	41.79 3.19 0.00	41.49 2.77 0.00	35.74 2.43 0.00	35.29 2.06 -5.30	27.24 1.75 0.00
NARROWS_GT1_3 24230	18.41 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.67 0.74 0.00	14.31 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.26 -0.63	35.40 2.47 -0.56	35.56 2.48 0.00	38.68 2.99 0.00	76.56 6.41 0.00	48.67 3.99 0.00	41.79 3.19 0.00	41.49 2.77 0.00	35.74 2.43 0.00	35.29 2.06 -5.30	27.24 1.75 0.00
NARROWS_GT1_4 24231	18.41 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.67 0.74 0.00	14.31 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.26 -0.63	35.40 2.47 -0.56	35.56 2.48 0.00	38.68 2.99 0.00	76.56 6.41 0.00	48.67 3.99 0.00	41.79 3.19 0.00	41.49 2.77 0.00	35.74 2.43 0.00	35.29 2.06 -5.30	27.24 1.75 0.00
NARROWS_GT1_5 24232	18.41 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.67 0.74 0.00	14.31 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.26 -0.63	35.40 2.47 -0.56	35.56 2.48 0.00	38.68 2.99 0.00	76.56 6.41 0.00	48.67 3.99 0.00	41.79 3.19 0.00	41.49 2.77 0.00	35.74 2.43 0.00	35.29 2.06 -5.30	27.24 1.75 0.00
NARROWS_GT1_6 24233	18.41 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.67 0.74 0.00	14.31 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.26 -0.63	35.40 2.47 -0.56	35.56 2.48 0.00	38.68 2.99 0.00	76.56 6.41 0.00	48.67 3.99 0.00	41.79 3.19 0.00	41.49 2.77 0.00	35.74 2.43 0.00	35.29 2.06 -5.30	27.24 1.75 0.00
NARROWS_GT1_7 24234	18.41 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.67 0.74 0.00	14.31 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.26 -0.63	35.40 2.47 -0.56	35.56 2.48 0.00	38.68 2.99 0.00	76.56 6.41 0.00	48.67 3.99 0.00	41.79 3.19 0.00	41.49 2.77 0.00	35.74 2.43 0.00	35.29 2.06 -5.30	27.24 1.75 0.00
NARROWS_GT1_8 24235	18.41 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.67 0.74 0.00	14.31 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.26 -0.63	35.40 2.47 -0.56	35.56 2.48 0.00	38.68 2.99 0.00	76.56 6.41 0.00	48.67 3.99 0.00	41.79 3.19 0.00	41.49 2.77 0.00	35.74 2.43 0.00	35.29 2.06 -5.30	27.24 1.75 0.00
NARROWS_GT2_1 24236	18.41 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.67 0.74 0.00	14.31 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.26 -0.63	35.40 2.47 -0.56	35.56 2.48 0.00	38.68 2.99 0.00	76.56 6.41 0.00	48.67 3.99 0.00	41.79 3.19 0.00	41.49 2.77 0.00	35.74 2.43 0.00	35.29 2.06 -5.30	27.24 1.75 0.00
NARROWS_GT2_2 24237	18.41 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.67 0.74 0.00	14.31 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.26 -0.63	35.40 2.47 -0.56	35.56 2.48 0.00	38.68 2.99 0.00	76.56 6.41 0.00	48.67 3.99 0.00	41.79 3.19 0.00	41.49 2.77 0.00	35.74 2.43 0.00	35.29 2.06 -5.30	27.24 1.75 0.00
NARROWS_GT2_3 24238	18.41 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.67 0.74 0.00	14.31 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.26 -0.63	35.40 2.47 -0.56	35.56 2.48 0.00	38.68 2.99 0.00	76.56 6.41 0.00	48.67 3.99 0.00	41.79 3.19 0.00	41.49 2.77 0.00	35.74 2.43 0.00	35.29 2.06 -5.30	27.24 1.75 0.00

NARROWS_GT2_4 24239	18.41 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.67 0.74 0.00	14.31 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.26 -0.63	35.40 2.47 -0.56	35.56 2.48 0.00	38.68 2.99 0.00	76.56 6.41 0.00	48.67 3.99 0.00	41.79 3.19 0.00	41.49 2.77 0.00	35.74 2.43 0.00	35.29 2.06 -5.30	27.24 1.75 0.00
NARROWS_GT2_5 24240	18.41 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.67 0.74 0.00	14.31 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.26 -0.63	35.40 2.47 -0.56	35.56 2.48 0.00	38.68 2.99 0.00	76.56 6.41 0.00	48.67 3.99 0.00	41.79 3.19 0.00	41.49 2.77 0.00	35.74 2.43 0.00	35.29 2.06 -5.30	27.24 1.75 0.00
NARROWS_GT2_6 24241	18.41 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.67 0.74 0.00	14.31 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.26 -0.63	35.40 2.47 -0.56	35.56 2.48 0.00	38.68 2.99 0.00	76.56 6.41 0.00	48.67 3.99 0.00	41.79 3.19 0.00	41.49 2.77 0.00	35.74 2.43 0.00	35.29 2.06 -5.30	27.24 1.75 0.00
NARROWS_GT2_7 24242	18.41 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.67 0.74 0.00	14.31 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.26 -0.63	35.40 2.47 -0.56	35.56 2.48 0.00	38.68 2.99 0.00	76.56 6.41 0.00	48.67 3.99 0.00	41.79 3.19 0.00	41.49 2.77 0.00	35.74 2.43 0.00	35.29 2.06 -5.30	27.24 1.75 0.00
NARROWS_GT2_8 24243	18.41 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.67 0.74 0.00	14.31 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.26 -0.63	35.40 2.47 -0.56	35.56 2.48 0.00	38.68 2.99 0.00	76.56 6.41 0.00	48.67 3.99 0.00	41.79 3.19 0.00	41.49 2.77 0.00	35.74 2.43 0.00	35.29 2.06 -5.30	27.24 1.75 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.06 0.58 0.00	16.05 0.62 0.00	15.64 0.59 0.00	18.02 0.58 0.00	19.56 0.63 0.00	14.31 0.55 0.00	16.24 0.52 0.00	15.58 0.47 0.00	17.10 0.37 -0.07	19.10 0.23 0.00	20.81 0.32 -0.38	23.54 0.28 0.00	27.81 0.48 0.15	33.25 0.74 0.33	33.18 1.10 0.29	34.15 1.07 0.00	37.35 1.66 0.00	74.15 4.00 0.00	47.54 2.87 0.00	41.06 2.46 0.00	40.99 2.28 0.00	35.09 1.77 0.00	30.19 1.34 -0.92	26.52 1.03 0.00
NCHELSEA_115KV_TR2 355582	18.32 0.84 0.00	16.16 0.73 0.00	15.68 0.63 0.00	18.10 0.66 0.00	19.64 0.72 0.00	14.30 0.53 0.00	16.28 0.56 0.00	15.67 0.57 0.00	17.25 0.58 0.00	19.49 0.61 0.00	20.99 0.88 0.00	24.38 1.11 0.00	29.13 1.44 -0.21	35.28 1.97 -0.47	34.96 2.17 -0.42	35.35 2.27 0.00	38.51 2.81 0.00	76.29 6.14 0.00	48.50 3.82 0.00	41.66 3.06 0.00	41.40 2.68 0.00	35.53 2.21 0.00	29.73 1.79 0.00	26.97 1.48 0.00
NEG CAPITAL___MECHNVIL 23645	18.27 0.79 0.00	16.17 0.74 0.00	15.73 0.68 0.00	18.18 0.74 0.00	19.75 0.83 0.00	14.39 0.62 0.00	16.38 0.66 0.00	15.69 0.59 0.00	17.35 0.59 -0.10	19.46 0.58 0.00	21.34 0.73 -0.50	24.06 0.80 0.00	28.14 1.03 0.37	33.23 1.24 0.84	33.05 1.42 0.74	34.62 1.54 0.00	37.70 2.00 0.00	74.88 4.73 0.00	47.83 3.15 0.00	41.20 2.61 0.00	41.08 2.37 0.00	35.19 1.87 0.00	30.60 1.47 -1.20	26.68 1.19 0.00
NEG CENTRAL_HIGH_ACRES 23767	17.22 -0.26 0.00	15.10 -0.32 0.00	14.65 -0.40 0.00	16.98 -0.46 0.00	18.37 -0.55 0.00	13.32 -0.45 0.00	15.26 -0.46 0.00	14.63 -0.47 0.00	16.21 -0.45 0.00	18.67 -0.20 0.00	20.03 -0.08 0.00	23.25 -0.01 0.00	27.48 0.00 0.00	32.88 0.04 0.00	32.19 -0.18 0.00	32.84 -0.23 0.00	35.40 -0.30 0.00	69.61 -0.54 0.00	44.19 -0.49 0.00	38.18 -0.41 0.00	38.10 -0.61 0.00	32.82 -0.50 0.00	27.61 -0.32 0.00	25.28 -0.21 0.00
NEG CENTRAL___DRP 24199	17.63 0.15 0.00	15.47 0.04 0.00	15.05 0.00 0.00	17.44 0.00 0.00	18.88 -0.04 0.00	13.70 -0.07 0.00	15.72 0.00 0.00	15.08 -0.02 0.00	16.65 -0.01 0.00	19.00 0.13 0.00	20.30 0.19 0.00	23.58 0.31 0.00	27.81 0.33 0.00	33.25 0.41 0.00	32.70 0.33 0.00	33.48 0.40 0.00	36.22 0.52 0.00	71.52 1.37 0.00	46.73 0.88 -1.17	39.45 0.75 -0.10	39.92 0.52 -0.69	33.73 0.41 0.00	28.32 0.39 0.00	25.85 0.36 0.00
NEG CENTRAL___INDECK 23768	17.77 0.28 0.00	15.50 0.07 0.00	15.00 -0.05 0.00	17.35 -0.09 0.00	18.78 -0.15 0.00	13.64 -0.13 0.00	15.72 0.00 0.00	15.08 -0.03 0.00	16.61 -0.06 0.00	19.05 0.18 0.00	20.48 0.37 0.00	23.87 0.61 0.00	28.16 0.68 0.00	33.71 0.87 0.00	32.88 0.50 0.00	33.46 0.39 0.00	36.09 0.40 0.00	70.89 0.74 0.00	58.31 1.30 -12.33	41.01 1.35 -1.07	47.17 1.17 -7.29	34.33 1.01 0.00	28.78 0.84 0.00	26.22 0.73 0.00
NEG CENTRAL___SENECA 23627	17.63 0.14 0.00	15.42 -0.01 0.00	15.01 -0.04 0.00	17.40 -0.04 0.00	18.81 -0.11 0.00	13.65 -0.12 0.00	15.70 -0.03 0.00	15.06 -0.04 0.00	16.62 -0.04 0.00	19.02 0.15 0.00	20.33 0.23 0.00	23.66 0.40 0.00	27.89 0.40 0.00	33.33 0.50 0.00	32.77 0.40 0.00	33.53 0.45 0.00	36.29 0.59 0.00	71.68 1.54 0.00	47.50 0.97 -1.85	39.62 0.86 -0.16	40.39 0.58 -1.09	33.79 0.48 0.00	28.38 0.45 0.00	25.87 0.38 0.00
NEG CENTRAL___STATE_STREET 24147	17.85 0.37 0.00	15.75 0.32 0.00	15.28 0.23 0.00	17.71 0.27 0.00	19.20 0.28 0.00	13.93 0.16 0.00	15.94 0.22 0.00	15.26 0.15 0.00	16.87 0.20 0.00	19.19 0.32 0.00	20.51 0.40 0.00	23.73 0.47 0.00	28.04 0.55 0.00	33.45 0.61 0.00	32.93 0.56 0.00	33.82 0.74 0.00	36.54 0.84 0.00	72.22 2.08 0.00	46.62 1.45 -0.50	39.72 1.08 -0.04	39.97 0.96 -0.29	34.11 0.80 0.00	28.58 0.64 0.00	26.11 0.62 0.00
NEG MILLWOOD___DRP 24198	18.37 0.90 0.00	16.21 0.78 0.00	15.72 0.67 0.00	18.14 0.71 0.00	19.68 0.76 0.00	14.33 0.56 0.00	16.32 0.60 0.00	15.72 0.61 0.00	17.46 0.63 -0.16	19.56 0.69 0.00	21.90 0.97 -0.82	24.50 1.23 0.00	29.32 1.59 -0.24	35.54 2.16 -0.54	35.21 2.36 -0.48	35.53 2.46 0.00	38.73 3.03 0.00	76.67 6.53 0.00	48.74 4.06 0.00	41.85 3.25 0.00	41.58 2.86 0.00	35.70 2.38 0.00	31.82 1.93 -1.96	27.09 1.60 0.00
NEG NORTH_FLCN_SEA 23793	17.00 -0.49 0.00	15.10 -0.33 0.00	14.95 -0.10 0.00	17.45 0.01 0.00	19.03 0.10 0.00	13.90 0.13 0.00	15.89 0.17 0.00	15.22 0.11 0.00	16.85 0.19 0.00	19.15 0.28 0.00	20.44 0.33 0.00	23.64 0.37 0.00	27.96 0.47 0.00	33.21 0.37 0.00	32.62 0.24 0.00	33.35 0.27 0.00	35.86 0.16 0.00	70.63 0.48 0.00	45.11 0.43 0.00	39.00 0.40 0.00	39.05 0.34 0.00	33.08 -0.23 0.00	27.65 -0.28 0.00	25.20 -0.28 0.00



NEG NORTH_KES_CHATEGAY 23792	16.91 -0.57 0.00	15.00 -0.43 0.00	14.81 -0.24 0.00	17.27 -0.17 0.00	18.81 -0.11 0.00	13.74 -0.03 0.00	15.73 0.01 0.00	15.09 -0.01 0.00	16.71 0.05 0.00	18.97 0.10 0.00	20.18 0.07 0.00	23.37 0.10 0.00	27.62 0.14 0.00	32.73 -0.10 0.00	32.14 -0.23 0.00	32.85 -0.23 0.00	35.26 -0.43 0.00	69.32 -0.83 0.00	44.30 -0.38 0.00	38.38 -0.21 0.00	38.52 -0.20 0.00	32.75 -0.57 0.00	27.38 -0.55 0.00	24.95 -0.54 0.00
NEG NORTH___ALICE_FALLS 23915	17.04 -0.44 0.00	15.13 -0.30 0.00	14.97 -0.08 0.00	17.47 0.03 0.00	19.05 0.12 0.00	13.92 0.15 0.00	15.92 0.19 0.00	15.25 0.14 0.00	16.89 0.22 0.00	19.19 0.32 0.00	20.47 0.36 0.00	23.69 0.42 0.00	28.00 0.52 0.00	33.26 0.42 0.00	32.68 0.31 0.00	33.45 0.37 0.00	35.94 0.24 0.00	70.87 0.72 0.00	45.28 0.60 0.00	39.16 0.57 0.00	39.22 0.51 0.00	33.23 -0.09 0.00	27.75 -0.18 0.00	25.28 -0.21 0.00
NEG NORTH___LWR_SARANAC 23913	17.04 -0.44 0.00	15.13 -0.30 0.00	14.97 -0.08 0.00	17.47 0.03 0.00	19.05 0.12 0.00	13.92 0.15 0.00	15.92 0.19 0.00	15.25 0.14 0.00	16.89 0.22 0.00	19.19 0.32 0.00	20.47 0.36 0.00	23.69 0.42 0.00	28.00 0.52 0.00	33.26 0.42 0.00	32.68 0.31 0.00	33.45 0.37 0.00	35.94 0.24 0.00	70.87 0.72 0.00	45.28 0.60 0.00	39.16 0.57 0.00	39.22 0.51 0.00	33.23 -0.09 0.00	27.75 -0.18 0.00	25.28 -0.21 0.00
NEG NORTH___PLATTSBURG 23628	17.04 -0.44 0.00	15.13 -0.30 0.00	14.97 -0.08 0.00	17.47 0.03 0.00	19.05 0.12 0.00	13.92 0.15 0.00	15.92 0.19 0.00	15.25 0.14 0.00	16.89 0.22 0.00	19.19 0.32 0.00	20.47 0.36 0.00	23.69 0.42 0.00	28.00 0.52 0.00	33.26 0.42 0.00	32.68 0.31 0.00	33.45 0.37 0.00	35.94 0.24 0.00	70.87 0.72 0.00	45.28 0.60 0.00	39.16 0.57 0.00	39.22 0.51 0.00	33.23 -0.09 0.00	27.75 -0.18 0.00	25.28 -0.21 0.00
NEG WEST_LEA_LOCKPORT 23791	16.97 -0.51 0.00	14.84 -0.59 0.00	14.36 -0.69 0.00	16.66 -0.78 0.00	17.99 -0.94 0.00	12.99 -0.78 0.00	14.94 -0.78 0.00	14.27 -0.83 0.00	15.90 -0.76 0.00	18.62 -0.25 0.00	20.06 -0.05 0.00	23.35 0.09 0.00	27.51 0.03 0.00	32.78 -0.05 0.00	31.74 -0.64 0.00	32.25 -0.83 0.00	34.48 -1.21 0.00	67.09 -3.06 0.00	39.74 -2.17 2.77	36.71 -1.65 0.24	35.27 -1.80 1.64	31.91 -1.41 0.00	27.02 -0.91 0.00	24.94 -0.55 0.00
NEG WEST___LANCASTR 23811	17.30 -0.18 0.00	15.10 -0.33 0.00	14.63 -0.42 0.00	16.96 -0.48 0.00	18.35 -0.58 0.00	13.24 -0.53 0.00	15.25 -0.48 0.00	14.60 -0.51 0.00	16.21 -0.46 0.00	18.88 0.01 0.00	20.30 0.19 0.00	23.68 0.42 0.00	27.86 0.38 0.00	33.31 0.47 0.00	32.36 -0.01 0.00	32.97 -0.11 0.00	35.37 -0.33 0.00	69.07 -1.08 0.00	40.93 -0.93 2.82	37.62 -0.73 0.24	36.16 -0.88 1.67	32.60 -0.72 0.00	27.52 -0.42 0.00	25.27 -0.22 0.00
NEG_PENN_ALLEGHNY 23528	17.67 0.19 0.00	15.50 0.07 0.00	15.10 0.06 0.00	17.48 0.05 0.00	18.96 0.03 0.00	13.76 -0.02 0.00	15.75 0.03 0.00	15.12 0.02 0.00	16.66 -0.01 0.00	18.97 0.10 0.00	20.29 0.18 0.00	23.61 0.34 0.00	27.83 0.35 0.00	33.39 0.56 0.00	32.86 0.49 0.00	33.65 0.57 0.00	36.44 0.74 0.00	71.85 1.70 0.00	45.63 0.96 0.00	39.40 0.81 0.00	39.28 0.57 0.00	33.78 0.46 0.00	28.31 0.37 0.00	25.82 0.33 0.00
NEG___GEN_MONROE 24207	17.51 0.03 0.00	15.35 -0.07 0.00	14.89 -0.16 0.00	17.24 -0.20 0.00	18.64 -0.28 0.00	13.48 -0.29 0.00	15.47 -0.25 0.00	14.82 -0.29 0.00	16.43 -0.23 0.00	19.01 0.13 0.00	20.41 0.30 0.00	23.74 0.47 0.00	28.05 0.57 0.00	33.54 0.70 0.00	32.74 0.37 0.00	33.35 0.27 0.00	35.88 0.18 0.00	70.40 0.25 0.00	44.71 0.03 0.00	38.73 0.14 0.00	38.66 -0.05 0.00	33.34 0.02 0.00	28.10 0.17 0.00	25.77 0.28 0.00
NEPA___ENERGY 23901	17.24 -0.24 0.00	15.01 -0.42 0.00	14.58 -0.47 0.00	16.88 -0.56 0.00	18.29 -0.64 0.00	13.19 -0.58 0.00	15.21 -0.51 0.00	14.57 -0.53 0.00	16.10 -0.56 0.00	18.72 -0.15 0.00	20.09 -0.02 0.00	23.58 0.32 0.00	27.69 0.20 0.00	33.18 0.34 0.00	32.30 -0.07 0.00	32.94 -0.14 0.00	35.43 -0.27 0.00	69.56 -0.59 0.00	40.80 -0.76 3.12	37.80 -0.53 0.27	36.03 -0.84 1.85	32.58 -0.74 0.00	27.39 -0.55 0.00	25.10 -0.38 0.00
NEVERSINK___HYD 23608	18.08 0.60 0.00	15.90 0.47 0.00	15.42 0.37 0.00	17.84 0.40 0.00	19.35 0.43 0.00	14.07 0.30 0.00	16.05 0.32 0.00	15.45 0.34 0.00	16.96 0.36 0.06	19.26 0.39 0.00	20.38 0.60 0.33	24.07 0.80 0.00	28.66 1.05 -0.13	34.63 1.49 -0.30	34.23 1.58 -0.27	34.83 1.75 0.00	37.91 2.21 0.00	75.27 5.12 0.00	48.03 3.36 0.00	41.24 2.64 0.00	40.98 2.28 0.00	35.16 1.84 0.00	28.59 1.44 0.78	26.64 1.15 0.00
NEWKRMKL_115KV_TB1 55635	17.66 0.18 0.00	15.70 0.27 0.00	15.29 0.24 0.00	17.61 0.17 0.00	19.12 0.19 0.00	14.00 0.23 0.00	15.87 0.15 0.00	15.24 0.13 0.00	16.77 0.01 -0.10	18.78 -0.09 0.00	20.66 0.05 -0.51	23.28 0.02 0.00	27.28 0.10 0.30	32.44 0.28 0.68	32.25 0.49 0.61	33.62 0.54 0.00	36.59 0.89 0.00	72.43 2.28 0.00	46.16 1.48 0.00	39.75 1.16 0.00	39.65 0.94 0.00	34.03 0.71 0.00	29.68 0.54 -1.21	25.85 0.36 0.00
NEWTON___FALLS_HYD 23847	16.91 -0.57 0.00	14.98 -0.45 0.00	14.72 -0.32 0.00	17.09 -0.35 0.00	18.54 -0.39 0.00	13.51 -0.26 0.00	15.52 -0.21 0.00	14.99 -0.12 0.00	16.63 -0.03 0.00	18.87 0.00 0.00	20.02 -0.09 0.00	23.15 -0.11 0.00	27.17 -0.32 0.00	32.39 -0.45 0.00	31.68 -0.69 0.00	32.36 -0.72 0.00	35.07 -0.62 0.00	68.59 -1.56 0.00	44.29 -0.39 0.00	38.32 -0.28 0.00	38.27 -0.44 0.00	33.02 -0.30 0.00	27.52 -0.41 0.00	24.90 -0.59 0.00
NGRID_A1_DSASP 323792	16.75 -0.73 0.00	14.67 -0.77 0.00	14.19 -0.85 0.00	16.46 -0.97 0.00	17.77 -1.15 0.00	12.83 -0.94 0.00	14.75 -0.97 0.00	14.08 -1.02 0.00	15.69 -0.97 0.00	18.39 -0.48 0.00	19.81 -0.29 0.00	23.05 -0.21 0.00	27.13 -0.35 0.00	32.32 -0.52 0.00	31.10 -1.27 0.00	31.55 -1.53 0.00	33.65 -2.04 0.00	65.35 -4.79 0.02	38.57 -3.30 2.80	35.76 -2.59 0.24	34.26 -2.79 1.66	31.15 -2.17 0.00	26.56 -1.37 0.00	24.49 -1.00 0.00
NGRID_A2_DSASP 323793	16.75 -0.73 0.00	14.67 -0.77 0.00	14.19 -0.85 0.00	16.46 -0.97 0.00	17.77 -1.15 0.00	12.83 -0.94 0.00	14.75 -0.97 0.00	14.08 -1.02 0.00	15.69 -0.97 0.00	18.39 -0.48 0.00	19.81 -0.29 0.00	23.05 -0.21 0.00	27.13 -0.35 0.00	32.32 -0.52 0.00	31.10 -1.27 0.00	31.55 -1.53 0.00	33.65 -2.04 0.00	65.35 -4.79 0.02	38.57 -3.30 2.80	35.76 -2.59 0.24	34.26 -2.79 1.66	31.15 -2.17 0.00	26.56 -1.37 0.00	24.49 -1.00 0.00
NGRID_A4_DSASP 323807	16.75 -0.73 0.00	14.66 -0.77 0.00	14.19 -0.85 0.00	16.47 -0.97 0.00	17.78 -1.14 0.00	12.83 -0.94 0.00	14.75 -0.97 0.00	14.08 -1.02 0.00	15.69 -0.97 0.00	18.39 -0.48 0.00	19.81 -0.30 0.00	23.05 -0.22 0.00	27.13 -0.36 0.00	32.31 -0.53 0.00	31.10 -1.28 0.00	31.54 -1.53 0.00	33.66 -2.03 0.00	65.34 -4.79 0.02	38.57 -3.30 2.80	35.77 -2.59 0.24	34.26 -2.80 1.66	31.15 -2.17 0.00	26.56 -1.38 0.00	24.49 -1.00 0.00

NIAGARA_115E_LBMP 323715	16.68 -0.80 0.00	14.61 -0.82 0.00	14.14 -0.91 0.00	16.40 -1.04 0.00	17.70 -1.22 0.00	12.78 -0.98 0.00	14.70 -1.02 0.00	14.04 -1.07 0.00	15.64 -1.02 0.00	18.33 -0.54 0.00	19.74 -0.37 0.00	22.96 -0.30 0.00	27.04 -0.44 0.00	32.21 -0.63 0.00	31.15 -1.23 0.00	31.64 -1.44 0.00	33.78 -1.92 0.00	65.63 -4.52 0.00	38.82 -3.08 2.78	35.95 -2.41 0.24	34.56 -2.51 1.65	31.29 -2.03 0.00	26.52 -1.42 0.00	24.54 -0.95 0.00
NIAGARA_115W_LBMP 323714	16.71 -0.77 0.00	14.63 -0.80 0.00	14.16 -0.89 0.00	16.43 -1.01 0.00	17.73 -1.19 0.00	12.80 -0.97 0.00	14.72 -1.00 0.00	14.06 -1.05 0.00	15.66 -1.01 0.00	18.34 -0.53 0.00	19.77 -0.34 0.00	22.99 -0.27 0.00	27.07 -0.42 0.00	32.23 -0.61 0.00	31.01 -1.36 0.00	31.45 -1.63 0.00	33.55 -2.15 0.00	65.14 -5.00 0.01	38.46 -3.43 2.79	35.66 -2.70 0.24	34.18 -2.89 1.65	31.06 -2.26 0.00	26.50 -1.43 0.00	24.44 -1.05 0.00
NIAGARA_230_LBMP 323716	16.83 -0.65 0.00	14.74 -0.69 0.00	14.26 -0.79 0.00	16.55 -0.89 0.00	17.87 -1.06 0.00	12.90 -0.88 0.00	14.83 -0.90 0.00	14.17 -0.93 0.00	15.77 -0.89 0.00	18.45 -0.42 0.00	19.87 -0.23 0.00	23.11 -0.16 0.00	27.20 -0.28 0.00	32.42 -0.42 0.00	31.36 -1.02 0.00	31.84 -1.24 0.00	34.02 -1.67 0.00	66.14 -4.00 0.00	39.22 -2.82 2.63	36.16 -2.21 0.23	34.75 -2.41 1.56	31.45 -1.87 0.00	26.70 -1.23 0.00	24.61 -0.88 0.00
NIAGARA__115KV_198_GIBSON 55903	16.71 -0.77 0.00	14.64 -0.80 0.00	14.16 -0.89 0.00	16.44 -1.01 0.00	17.75 -1.18 0.00	12.80 -0.97 0.00	14.72 -1.00 0.00	14.05 -1.05 0.00	15.66 -1.01 0.00	18.34 -0.52 0.00	19.76 -0.34 0.00	22.99 -0.27 0.00	27.07 -0.42 0.00	32.22 -0.62 0.00	31.01 -1.37 0.00	31.45 -1.63 0.00	33.56 -2.14 0.00	65.14 -5.00 0.01	38.46 -3.43 2.79	35.65 -2.70 0.24	34.17 -2.90 1.65	31.06 -2.26 0.00	26.50 -1.44 0.00	24.44 -1.05 0.00
NIAGARA____ 23760	16.83 -0.65 0.00	14.74 -0.69 0.00	14.26 -0.79 0.00	16.55 -0.89 0.00	17.87 -1.06 0.00	12.90 -0.88 0.00	14.83 -0.90 0.00	14.17 -0.93 0.00	15.77 -0.89 0.00	18.45 -0.42 0.00	19.87 -0.23 0.00	23.11 -0.16 0.00	27.20 -0.28 0.00	32.42 -0.42 0.00	31.36 -1.02 0.00	31.84 -1.24 0.00	34.02 -1.67 0.00	66.14 -4.00 0.00	39.16 -2.82 2.70	36.15 -2.21 0.23	34.71 -2.41 1.59	31.45 -1.87 0.00	26.70 -1.23 0.00	24.61 -0.88 0.00
NINE_MILE_1 23575	17.31 -0.17 0.00	15.25 -0.18 0.00	14.85 -0.19 0.00	17.21 -0.23 0.00	18.67 -0.26 0.00	13.56 -0.21 0.00	15.50 -0.22 0.00	14.88 -0.22 0.00	16.43 -0.23 0.00	18.65 -0.22 0.00	19.85 -0.25 0.00	22.95 -0.32 0.00	27.07 -0.42 0.00	32.37 -0.47 0.00	31.86 -0.52 0.00	32.54 -0.54 0.00	35.14 -0.55 0.00	69.14 -1.01 0.00	44.02 -0.66 0.00	38.01 -0.59 0.00	38.04 -0.67 0.00	32.72 -0.60 0.00	27.49 -0.45 0.00	25.21 -0.28 0.00
NINE_MILE_2 23744	17.32 -0.16 0.00	15.25 -0.18 0.00	14.86 -0.19 0.00	17.21 -0.23 0.00	18.67 -0.26 0.00	13.56 -0.21 0.00	15.50 -0.22 0.00	14.89 -0.22 0.00	16.43 -0.23 0.00	18.65 -0.22 0.00	19.85 -0.25 0.00	22.95 -0.32 0.00	27.07 -0.41 0.00	32.37 -0.47 0.00	31.86 -0.51 0.00	32.54 -0.54 0.00	35.14 -0.55 0.00	69.15 -1.00 0.00	44.02 -0.66 0.00	38.01 -0.59 0.00	38.04 -0.67 0.00	32.72 -0.60 0.00	27.49 -0.44 0.00	25.21 -0.28 0.00
NM_CAPITAL____DRP 24208	17.67 0.19 0.00	15.72 0.28 0.00	15.30 0.25 0.00	17.63 0.20 0.00	19.15 0.22 0.00	14.01 0.24 0.00	15.89 0.17 0.00	15.24 0.14 0.00	16.79 0.03 -0.10	18.79 -0.08 0.00	20.68 0.06 -0.51	23.27 0.01 0.00	27.25 0.09 0.34	32.35 0.26 0.75	32.17 0.46 0.66	33.59 0.51 0.00	36.57 0.87 0.00	72.40 2.26 0.00	46.15 1.48 0.00	39.75 1.15 0.00	39.65 0.93 0.00	34.03 0.71 0.00	29.72 0.55 -1.23	25.86 0.38 0.00
NM_CENTRAL____DRP 24181	17.60 0.12 0.00	15.48 0.05 0.00	15.07 0.02 0.00	17.45 0.01 0.00	18.92 -0.01 0.00	13.74 -0.03 0.00	15.71 -0.01 0.00	15.09 -0.02 0.00	16.66 -0.01 0.00	18.93 0.06 0.00	20.20 0.09 0.00	23.40 0.13 0.00	27.61 0.12 0.00	33.06 0.23 0.00	32.51 0.13 0.00	33.19 0.11 0.00	35.91 0.21 0.00	70.72 0.57 0.00	45.01 0.33 0.00	38.85 0.25 0.00	38.82 0.10 0.00	33.36 0.04 0.00	28.03 0.10 0.00	25.70 0.22 0.00
NM_FRONTIER____DRP 24179	16.71 -0.77 0.00	14.64 -0.80 0.00	14.16 -0.89 0.00	16.44 -1.01 0.00	17.75 -1.18 0.00	12.80 -0.97 0.00	14.72 -1.00 0.00	14.05 -1.05 0.00	15.66 -1.01 0.00	18.34 -0.52 0.00	19.76 -0.34 0.00	22.99 -0.27 0.00	27.07 -0.42 0.00	32.22 -0.62 0.00	31.01 -1.37 0.00	31.45 -1.63 0.00	33.56 -2.14 0.00	65.14 -5.00 0.01	38.46 -3.43 2.79	35.65 -2.70 0.24	34.17 -2.90 1.65	31.06 -2.26 0.00	26.50 -1.44 0.00	24.44 -1.05 0.00
NM_ST_REGIS____HYD 24053	17.10 -0.38 0.00	15.12 -0.31 0.00	14.86 -0.19 0.00	17.28 -0.15 0.00	18.78 -0.14 0.00	13.72 -0.05 0.00	15.73 0.01 0.00	15.15 0.04 0.00	16.78 0.11 0.00	19.00 0.13 0.00	20.07 -0.04 0.00	23.20 -0.06 0.00	27.38 -0.10 0.00	32.50 -0.34 0.00	31.87 -0.50 0.00	32.57 -0.51 0.00	34.97 -0.73 0.00	67.99 -2.16 0.00	43.93 -0.75 0.00	38.09 -0.50 0.00	38.33 -0.38 0.00	32.91 -0.41 0.00	27.50 -0.43 0.00	24.99 -0.50 0.00
NORTHPORT____1 23551	18.71 1.23 0.00	16.53 1.10 0.00	16.04 0.99 0.00	18.41 0.97 0.00	19.97 1.05 0.00	14.62 0.85 0.00	16.58 0.85 0.00	16.05 0.94 0.00	17.94 0.85 -0.43	19.89 0.95 -0.07	32.25 1.35 -10.79	35.32 1.64 -10.41	36.38 2.00 -6.90	42.82 2.40 -7.58	40.55 2.47 -5.71	41.65 2.46 -6.11	49.09 3.04 -10.35	82.25 6.06 -6.04	56.55 3.74 -8.13	44.64 2.86 -3.19	41.27 2.56 0.00	72.84 2.53 -37.00	68.79 2.29 -38.57	27.49 1.96 -0.05
NORTHPORT____2 23552	18.71 1.23 0.00	16.53 1.10 0.00	16.04 0.99 0.00	18.41 0.97 0.00	19.97 1.05 0.00	14.62 0.85 0.00	16.58 0.85 0.00	16.05 0.94 0.00	17.94 0.85 -0.43	19.89 0.95 -0.07	32.25 1.35 -10.79	35.32 1.64 -10.41	36.38 2.00 -6.90	42.82 2.40 -7.58	40.55 2.47 -5.71	41.65 2.46 -6.11	49.09 3.04 -10.35	82.25 6.06 -6.04	56.55 3.74 -8.13	44.64 2.86 -3.19	41.27 2.56 0.00	72.84 2.53 -37.00	68.79 2.29 -38.57	27.49 1.96 -0.05
NORTHPORT____3 23553	18.53 1.05 0.00	16.36 0.93 0.00	15.86 0.81 0.00	18.22 0.79 0.00	19.77 0.84 0.00	14.47 0.70 0.00	16.40 0.68 0.00	15.87 0.76 0.00	17.76 0.67 -0.43	19.70 0.75 -0.07	32.04 1.15 -10.78	35.12 1.45 -10.41	36.14 1.80 -6.86	36.86 2.39 -1.63	33.04 2.49 1.83	19.49 2.45 16.04	14.43 3.02 24.30	56.15 6.06 20.06	21.49 3.81 27.00	30.80 2.79 10.59	41.13 2.42 0.00	72.80 2.49 -37.00	68.71 2.21 -38.57	27.42 1.89 -0.05
NORTHPORT____4 23650	18.53 1.05 0.00	16.36 0.93 0.00	15.86 0.81 0.00	18.22 0.79 0.00	19.77 0.84 0.00	14.47 0.70 0.00	16.40 0.68 0.00	15.87 0.76 0.00	17.76 0.67 -0.43	19.70 0.75 -0.07	32.04 1.15 -10.78	35.12 1.45 -10.41	36.14 1.80 -6.86	36.86 2.39 -1.63	33.04 2.49 1.83	19.49 2.45 16.04	14.43 3.02 24.30	56.15 6.06 20.06	21.49 3.81 27.00	30.80 2.79 10.59	41.13 2.42 0.00	72.80 2.49 -37.00	68.71 2.21 -38.57	27.42 1.89 -0.05

NORTHPORT___IC 23718	18.71 1.23 0.00	16.53 1.10 0.00	16.04 0.99 0.00	18.41 0.97 0.00	19.97 1.05 0.00	14.62 0.85 0.00	16.58 0.85 0.00	16.05 0.94 0.00	17.94 0.85 -0.43	19.89 0.95 -0.07	32.25 1.35 -10.79	35.32 1.64 -10.41	36.38 2.00 -6.90	42.82 2.40 -7.58	40.55 2.47 -5.71	41.65 2.46 -6.11	49.09 3.04 -10.35	82.25 6.06 -6.04	56.55 3.74 -8.13	44.64 2.86 -3.19	41.27 2.56 0.00	72.84 2.53 -37.00	68.79 2.29 -38.57	27.49 1.96 -0.05
NORTH___COUNTRY_ESR 323785	16.84 -0.64 0.00	14.94 -0.49 0.00	14.76 -0.29 0.00	17.21 -0.23 0.00	18.75 -0.17 0.00	13.70 -0.07 0.00	15.68 -0.05 0.00	15.04 -0.06 0.00	16.66 0.00 0.00	18.92 0.04 0.00	20.12 0.01 0.00	23.31 0.04 0.00	27.55 0.07 0.00	32.65 -0.19 0.00	32.05 -0.33 0.00	32.76 -0.32 0.00	35.16 -0.54 0.00	69.07 -1.08 0.00	44.13 -0.54 0.00	38.22 -0.38 0.00	38.35 -0.36 0.00	32.61 -0.71 0.00	27.27 -0.66 0.00	24.86 -0.63 0.00
NPX_GEN_1385_PROXY 323591	18.37 0.89 0.00	16.29 0.86 0.00	15.82 0.77 0.00	18.25 0.80 0.00	19.78 0.85 0.00	14.50 0.74 0.00	16.40 0.67 0.00	15.92 0.82 0.00	17.72 0.63 -0.43	19.47 0.52 -0.07	23.72 0.75 -2.86	34.66 0.98 -10.41	22.11 1.19 6.56	24.97 1.42 9.29	39.64 1.56 -5.71	40.86 1.68 -6.11	43.52 2.07 -5.75	79.50 4.19 -5.16	55.53 2.72 -8.13	43.55 1.77 -3.19	40.23 1.52 0.00	72.06 1.75 -37.00	68.14 1.63 -38.57	26.90 1.36 -0.05
NPX_GEN_CSC 323557	19.11 1.63 0.00	16.88 1.45 0.00	16.36 1.32 0.00	18.75 1.31 0.00	20.33 1.40 0.00	14.86 1.09 0.00	16.86 1.14 0.00	16.33 1.23 0.00	18.30 1.21 -0.43	20.36 1.42 -0.07	32.82 1.88 -10.83	35.94 2.26 -10.41	37.44 2.81 -7.15	93.93 3.50 -57.60	73.35 3.57 -37.41	145.70 3.63 -109.00	329.22 4.21 -289.31	304.03 8.28 -225.59	353.57 5.21 -303.68	161.81 4.14 -119.07	42.56 3.85 0.00	73.79 3.48 -37.00	69.62 3.11 -38.57	28.20 2.66 -0.05
NSINS_S_GLNS_FALLS 23858	18.61 1.13 0.00	16.47 1.04 0.00	16.04 0.99 0.00	18.53 1.09 0.00	20.11 1.18 0.00	14.66 0.89 0.00	16.71 0.98 0.00	15.94 0.83 0.00	17.63 0.87 -0.10	19.80 0.93 0.00	21.60 1.00 -0.49	24.32 1.06 0.00	28.45 1.30 0.34	33.32 1.23 0.75	33.12 1.42 0.66	34.75 1.67 0.00	37.82 2.13 0.00	75.28 5.13 0.00	48.38 3.71 0.00	41.74 3.14 0.00	41.58 2.88 0.00	35.57 2.25 0.00	30.88 1.78 -1.17	26.93 1.45 0.00
NUCOR_STEEL___DRP 24197	17.85 0.37 0.00	15.71 0.28 0.00	15.23 0.18 0.00	17.70 0.26 0.00	19.19 0.26 0.00	13.92 0.15 0.00	15.95 0.23 0.00	15.26 0.15 0.00	16.87 0.21 0.00	19.19 0.32 0.00	20.52 0.41 0.00	23.72 0.45 0.00	28.04 0.56 0.00	33.44 0.60 0.00	32.90 0.53 0.00	33.80 0.72 0.00	36.53 0.83 0.00	72.16 2.01 0.00	46.05 1.37 0.00	39.57 0.97 0.00	39.60 0.89 0.00	34.08 0.76 0.00	28.55 0.62 0.00	26.10 0.62 0.00
NUMBER_THREE_WT_PWR 323818	16.72 -0.76 0.00	14.86 -0.57 0.00	14.61 -0.44 0.00	16.96 -0.48 0.00	18.40 -0.52 0.00	13.38 -0.39 0.00	15.39 -0.34 0.00	14.90 -0.21 0.00	16.60 -0.06 0.00	18.89 0.02 0.00	20.17 0.06 0.00	23.35 0.09 0.00	27.32 -0.16 0.00	32.72 -0.11 0.00	31.91 -0.46 0.00	32.60 -0.48 0.00	35.63 -0.07 0.00	70.18 0.04 0.00	45.12 0.44 0.00	38.88 0.28 0.00	38.50 -0.21 0.00	33.25 -0.06 0.00	27.66 -0.27 0.00	24.90 -0.59 0.00
NYISO_LBMP_REFERENCE 24008	17.48 0.00 0.00	15.43 0.00 0.00	15.05 0.00 0.00	17.44 0.00 0.00	18.93 0.00 0.00	13.77 0.00 0.00	15.72 0.00 0.00	15.10 0.00 0.00	16.66 0.00 0.00	18.87 0.00 0.00	20.11 0.00 0.00	23.26 0.00 0.00	27.48 0.00 0.00	32.84 0.00 0.00	32.37 0.00 0.00	33.08 0.00 0.00	35.70 0.00 0.00	70.15 0.00 0.00	44.68 0.00 0.00	38.60 0.00 0.00	38.71 0.00 0.00	33.32 0.00 0.00	27.93 0.00 0.00	25.49 0.00 0.00
NYPA_BRENTWD___GT 24164	18.94 1.46 0.00	16.72 1.30 0.00	16.21 1.17 0.00	18.61 1.17 0.00	20.17 1.24 0.00	14.75 0.98 0.00	16.74 1.02 0.00	16.21 1.10 0.00	18.14 1.05 -0.43	20.14 1.20 -0.07	32.64 1.65 -10.89	35.69 2.02 -10.41	36.91 2.48 -6.94	52.84 3.05 -16.95	45.32 3.04 -9.90	56.82 2.95 -20.79	101.10 3.49 -61.91	124.32 7.01 -47.16	112.52 4.36 -63.48	66.85 3.36 -24.89	41.87 3.16 0.00	73.41 3.10 -37.00	69.31 2.81 -38.57	27.95 2.41 -0.05
NYPA_GOWANUS___GT5 24156	18.41 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.67 0.74 0.00	14.31 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.26 -0.63	35.40 2.47 -0.56	35.55 2.48 0.00	38.68 2.98 0.00	76.55 6.40 0.00	48.66 3.98 0.00	41.78 3.18 0.00	41.47 2.76 0.00	35.73 2.42 0.00	35.29 2.06 -5.30	27.23 1.74 0.00
NYPA_GOWANUS___GT6 24157	18.41 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.67 0.74 0.00	14.31 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.26 -0.63	35.40 2.47 -0.56	35.55 2.48 0.00	38.68 2.98 0.00	76.55 6.40 0.00	48.66 3.98 0.00	41.78 3.18 0.00	41.47 2.76 0.00	35.73 2.42 0.00	35.29 2.06 -5.30	27.23 1.74 0.00
NYPA_HARLEM__RVR_GT1 24160	18.32 0.84 0.00	16.15 0.73 0.00	15.65 0.60 0.00	18.02 0.58 0.00	19.56 0.63 0.00	14.23 0.46 0.00	16.21 0.48 0.00	15.63 0.53 0.00	17.63 0.54 -0.43	19.44 0.57 0.00	23.15 0.82 -2.22	24.39 1.13 0.00	29.20 1.44 -0.28	35.48 2.01 -0.63	35.11 2.18 -0.56	35.22 2.15 0.00	38.31 2.61 0.00	75.77 5.62 0.00	48.19 3.51 0.00	41.37 2.78 0.00	41.07 2.36 0.00	35.40 2.09 0.00	35.03 1.80 -5.30	26.99 1.50 0.00
NYPA_HARLEM__RVR_GT2 24161	18.32 0.84 0.00	16.15 0.73 0.00	15.65 0.60 0.00	18.02 0.58 0.00	19.56 0.63 0.00	14.23 0.46 0.00	16.21 0.48 0.00	15.63 0.53 0.00	17.63 0.54 -0.43	19.44 0.57 0.00	23.15 0.82 -2.22	24.39 1.13 0.00	29.20 1.44 -0.28	35.48 2.01 -0.63	35.11 2.18 -0.56	35.22 2.15 0.00	38.31 2.61 0.00	75.77 5.62 0.00	48.19 3.51 0.00	41.37 2.78 0.00	41.07 2.36 0.00	35.40 2.09 0.00	35.03 1.80 -5.30	26.99 1.50 0.00
NYPA_KENT___GT 24152	18.41 0.93 0.00	16.23 0.81 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.66 0.74 0.00	14.33 0.55 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.67 0.00	23.31 0.98 -2.22	24.55 1.28 0.00	29.42 1.66 -0.28	35.69 2.22 -0.63	35.34 2.42 -0.56	35.51 2.43 0.00	38.62 2.92 0.00	76.36 6.21 0.00	48.55 3.88 0.00	41.69 3.09 0.00	41.39 2.68 0.00	35.67 2.35 0.00	35.24 2.01 -5.30	27.20 1.71 0.00
NYPA_POUCH1___GT 24155	18.37 0.90 0.00	16.19 0.77 0.00	15.69 0.64 0.00	18.08 0.64 0.00	19.63 0.71 0.00	14.28 0.52 0.00	16.26 0.54 0.00	15.69 0.58 0.00	17.68 0.59 -0.43	19.51 0.64 0.00	23.27 0.94 -2.22	24.50 1.23 0.00	29.36 1.59 -0.28	35.60 2.14 -0.62	35.30 2.38 -0.56	35.44 2.36 0.00	38.55 2.86 0.00	76.39 6.24 0.00	48.58 3.91 0.00	41.71 3.11 0.00	41.39 2.68 0.00	35.64 2.32 0.00	35.10 2.00 -5.17	27.21 1.72 0.00



ONEIDA___115KV_TB4 55905	17.79 0.31 0.00	15.67 0.25 0.00	15.28 0.23 0.00	17.70 0.26 0.00	19.19 0.26 0.00	13.96 0.19 0.00	15.98 0.25 0.00	15.37 0.26 0.00	16.95 0.29 0.00	19.23 0.36 0.00	20.53 0.42 0.00	23.79 0.52 0.00	28.07 0.59 0.00	33.65 0.81 0.00	33.14 0.77 0.00	33.94 0.86 0.00	36.82 1.12 0.00	72.74 2.60 0.00	46.48 1.80 0.00	40.17 1.57 0.00	40.11 1.40 0.00	34.42 1.10 0.00	28.77 0.84 0.00	26.16 0.67 0.00
ONONDAGA_REF_OCCRA 23987	17.68 0.20 0.00	15.55 0.12 0.00	15.14 0.09 0.00	17.53 0.10 0.00	19.00 0.07 0.00	13.81 0.04 0.00	15.79 0.06 0.00	15.16 0.06 0.00	16.73 0.06 0.00	19.01 0.14 0.00	20.28 0.17 0.00	23.51 0.24 0.00	27.73 0.25 0.00	33.23 0.39 0.00	32.69 0.32 0.00	33.40 0.33 0.00	36.16 0.46 0.00	71.27 1.12 0.00	45.38 0.70 0.00	39.17 0.57 0.00	39.13 0.41 0.00	33.62 0.30 0.00	28.22 0.29 0.00	25.84 0.36 0.00
ONONDAGA___COGEN 23986	17.70 0.22 0.00	15.57 0.14 0.00	15.15 0.10 0.00	17.56 0.12 0.00	19.03 0.10 0.00	13.83 0.06 0.00	15.81 0.09 0.00	15.18 0.07 0.00	16.76 0.09 0.00	19.05 0.18 0.00	20.31 0.21 0.00	23.53 0.27 0.00	27.77 0.28 0.00	33.25 0.41 0.00	32.71 0.34 0.00	33.46 0.38 0.00	36.20 0.50 0.00	71.34 1.19 0.00	45.42 0.74 0.00	39.17 0.57 0.00	39.13 0.42 0.00	33.64 0.32 0.00	28.23 0.30 0.00	25.86 0.37 0.00
ONTARIO___LFGE 23819	17.63 0.14 0.00	15.42 -0.01 0.00	15.01 -0.04 0.00	17.39 -0.04 0.00	18.81 -0.12 0.00	13.65 -0.12 0.00	15.69 -0.03 0.00	15.06 -0.04 0.00	16.62 -0.04 0.00	19.02 0.15 0.00	20.34 0.23 0.00	23.66 0.40 0.00	27.89 0.40 0.00	33.33 0.49 0.00	32.77 0.40 0.00	33.53 0.45 0.00	36.29 0.59 0.00	71.68 1.53 0.00	47.50 0.97 -1.85	39.62 0.87 -0.16	40.38 0.58 -1.09	33.79 0.48 0.00	28.38 0.45 0.00	25.87 0.38 0.00
ORANGEVILLE_WT_PWR 323706	16.91 -0.57 0.00	14.78 -0.65 0.00	14.28 -0.77 0.00	16.52 -0.92 0.00	17.90 -1.03 0.00	13.00 -0.77 0.00	15.01 -0.71 0.00	14.38 -0.72 0.00	15.98 -0.69 0.00	18.58 -0.29 0.00	19.97 -0.14 0.00	23.30 0.04 0.00	27.44 -0.04 0.00	32.79 -0.05 0.00	31.81 -0.56 0.00	32.31 -0.77 0.00	34.71 -0.98 0.00	67.90 -2.25 0.00	31.32 -1.53 11.82	36.33 -1.24 1.02	30.21 -1.51 6.99	32.09 -1.23 0.00	27.03 -0.90 0.00	24.75 -0.74 0.00
ORANGEVILLE___ESR 323794	16.91 -0.57 0.00	14.78 -0.65 0.00	14.28 -0.77 0.00	16.52 -0.92 0.00	17.90 -1.03 0.00	13.00 -0.77 0.00	15.01 -0.71 0.00	14.38 -0.72 0.00	15.98 -0.69 0.00	18.58 -0.29 0.00	19.97 -0.14 0.00	23.30 0.04 0.00	27.44 -0.04 0.00	32.79 -0.05 0.00	31.81 -0.56 0.00	32.31 -0.77 0.00	34.71 -0.98 0.00	67.90 -2.25 0.00	31.32 -1.53 11.82	36.33 -1.24 1.02	30.21 -1.51 6.99	32.09 -1.23 0.00	27.03 -0.90 0.00	24.75 -0.74 0.00
OSWEGATCHIE___HYD 24044	16.91 -0.57 0.00	14.98 -0.45 0.00	14.72 -0.32 0.00	17.09 -0.35 0.00	18.54 -0.38 0.00	13.51 -0.26 0.00	15.52 -0.21 0.00	14.99 -0.12 0.00	16.63 -0.03 0.00	18.87 0.00 0.00	20.02 -0.09 0.00	23.15 -0.11 0.00	27.17 -0.32 0.00	32.39 -0.45 0.00	31.68 -0.69 0.00	32.36 -0.72 0.00	35.07 -0.63 0.00	68.59 -1.56 0.00	44.29 -0.39 0.00	38.32 -0.27 0.00	38.27 -0.44 0.00	33.02 -0.30 0.00	27.52 -0.41 0.00	24.90 -0.59 0.00
OSWEGO___5 23606	17.39 -0.09 0.00	15.31 -0.12 0.00	14.91 -0.13 0.00	17.28 -0.16 0.00	18.74 -0.18 0.00	13.61 -0.16 0.00	15.56 -0.16 0.00	14.94 -0.16 0.00	16.49 -0.17 0.00	18.73 -0.14 0.00	19.96 -0.15 0.00	23.08 -0.18 0.00	27.23 -0.25 0.00	32.57 -0.27 0.00	32.05 -0.32 0.00	32.74 -0.34 0.00	35.37 -0.33 0.00	69.62 -0.53 0.00	44.31 -0.37 0.00	38.27 -0.33 0.00	38.28 -0.43 0.00	32.94 -0.38 0.00	27.65 -0.28 0.00	25.34 -0.15 0.00
OSWEGO___6 23613	17.39 -0.09 0.00	15.31 -0.12 0.00	14.91 -0.13 0.00	17.28 -0.16 0.00	18.74 -0.18 0.00	13.61 -0.16 0.00	15.56 -0.16 0.00	14.94 -0.16 0.00	16.49 -0.17 0.00	18.73 -0.14 0.00	19.96 -0.15 0.00	23.08 -0.18 0.00	27.23 -0.25 0.00	32.57 -0.27 0.00	32.05 -0.32 0.00	32.74 -0.34 0.00	35.37 -0.33 0.00	69.62 -0.53 0.00	44.31 -0.37 0.00	38.27 -0.33 0.00	38.28 -0.43 0.00	32.94 -0.38 0.00	27.65 -0.28 0.00	25.34 -0.15 0.00
OUTOKUMPU-AB___DRP 24206	17.15 -0.33 0.00	15.00 -0.43 0.00	14.51 -0.54 0.00	16.82 -0.61 0.00	18.17 -0.75 0.00	13.12 -0.65 0.00	15.10 -0.63 0.00	14.43 -0.68 0.00	16.08 -0.59 0.00	18.84 -0.03 0.00	20.31 0.21 0.00	23.67 0.41 0.00	27.90 0.41 0.00	33.28 0.44 0.00	32.16 -0.21 0.00	32.69 -0.39 0.00	34.96 -0.73 0.00	67.99 -2.17 -0.02	40.09 -1.64 2.96	37.14 -1.20 0.26	35.55 -1.41 1.75	32.27 -1.05 0.00	27.35 -0.58 0.00	25.20 -0.29 0.00
OXBOW___ 24026	17.00 -0.48 0.00	14.87 -0.55 0.00	14.39 -0.66 0.00	16.69 -0.75 0.00	18.02 -0.91 0.00	13.01 -0.76 0.00	14.96 -0.76 0.00	14.29 -0.81 0.00	15.93 -0.73 0.00	18.67 -0.20 0.00	20.13 0.02 0.00	23.45 0.18 0.00	27.62 0.14 0.00	32.93 0.09 0.00	31.76 -0.61 0.00	32.26 -0.82 0.00	34.46 -1.23 0.00	66.97 -3.19 -0.02	39.52 -2.30 2.86	36.60 -1.75 0.25	35.06 -1.96 1.69	31.83 -1.49 0.00	27.06 -0.87 0.00	24.93 -0.56 0.00
OXY_CHEM_DSASP 323612	16.75 -0.73 0.00	14.66 -0.77 0.00	14.19 -0.85 0.00	16.47 -0.97 0.00	17.78 -1.14 0.00	12.83 -0.94 0.00	14.75 -0.97 0.00	14.08 -1.02 0.00	15.69 -0.97 0.00	18.39 -0.48 0.00	19.81 -0.30 0.00	23.05 -0.22 0.00	27.13 -0.36 0.00	32.31 -0.53 0.00	31.10 -1.28 0.00	31.54 -1.53 0.00	33.66 -2.03 0.00	65.34 -4.79 0.02	38.57 -3.30 2.80	35.77 -2.59 0.24	34.26 -2.80 1.66	31.15 -2.17 0.00	26.56 -1.38 0.00	24.49 -1.00 0.00
OZONE_PARK_ESR 323760	18.55 1.07 0.00	16.35 0.92 0.00	15.85 0.80 0.00	18.26 0.82 0.00	19.82 0.90 0.00	14.43 0.66 0.00	16.43 0.70 0.00	15.84 0.74 0.00	17.87 0.78 -0.43	19.71 0.84 0.00	23.49 1.16 -2.22	24.76 1.50 0.00	29.66 1.90 -0.28	35.98 2.51 -0.63	35.63 2.70 -0.56	35.84 2.76 0.00	39.04 3.34 0.00	77.20 7.05 0.00	49.04 4.37 0.00	42.13 3.53 0.00	41.85 3.14 0.00	36.05 2.73 0.00	35.53 2.30 -5.30	27.44 1.96 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	16.75 -0.73 0.00	14.66 -0.77 0.00	14.19 -0.85 0.00	16.47 -0.97 0.00	17.78 -1.14 0.00	12.83 -0.94 0.00	14.75 -0.97 0.00	14.08 -1.02 0.00	15.69 -0.97 0.00	18.39 -0.48 0.00	19.81 -0.30 0.00	23.05 -0.22 0.00	27.13 -0.36 0.00	32.31 -0.53 0.00	31.10 -1.28 0.00	31.54 -1.53 0.00	33.66 -2.03 0.00	65.34 -4.79 0.02	38.57 -3.30 2.80	35.77 -2.59 0.24	34.26 -2.80 1.66	31.15 -2.17 0.00	26.56 -1.38 0.00	24.49 -1.00 0.00
PACKARD___115KV_DUPONT_184 80571	16.75 -0.73 0.00	14.66 -0.77 0.00	14.19 -0.85 0.00	16.47 -0.97 0.00	17.78 -1.14 0.00	12.83 -0.94 0.00	14.75 -0.97 0.00	14.08 -1.02 0.00	15.69 -0.97 0.00	18.39 -0.48 0.00	19.81 -0.30 0.00	23.05 -0.22 0.00	27.13 -0.36 0.00	32.31 -0.53 0.00	31.10 -1.28 0.00	31.54 -1.53 0.00	33.66 -2.03 0.00	65.34 -4.79 0.02	38.57 -3.30 2.80	35.77 -2.59 0.24	34.26 -2.80 1.66	31.15 -2.17 0.00	26.56 -1.38 0.00	24.49 -1.00 0.00

PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	18.34 0.86 0.00	16.18 0.75 0.00	15.67 0.62 0.00	18.05 0.61 0.00	19.59 0.66 0.00	14.26 0.49 0.00	16.24 0.51 0.00	15.66 0.55 0.00	17.65 0.56 -0.43	19.45 0.58 0.00	23.18 0.86 -2.22	24.42 1.15 0.00	29.23 1.47 -0.28	35.49 2.03 -0.63	35.16 2.23 -0.56	35.28 2.20 0.00	38.38 2.68 0.00	75.92 5.78 0.00	48.31 3.63 0.00	41.47 2.87 0.00	41.18 2.47 0.00	35.48 2.17 0.00	35.07 1.84 -5.30	27.01 1.52 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	18.47 0.99 0.00	16.29 0.86 0.00	15.78 0.74 0.00	18.20 0.76 0.00	19.69 0.77 0.00	14.34 0.57 0.00	16.33 0.60 0.00	15.73 0.63 0.00	17.74 0.64 -0.43	19.59 0.72 0.00	23.29 0.96 -2.22	24.55 1.28 0.00	29.34 1.58 -0.28	35.71 2.24 -0.63	35.41 2.48 -0.56	35.56 2.48 0.00	38.70 3.00 0.00	76.58 6.43 0.00	48.71 4.03 0.00	41.86 3.26 0.00	41.54 2.83 0.00	35.81 2.49 0.00	35.35 2.12 -5.30	27.29 1.80 0.00
PATROON__115KV_TB1 80586	17.71 0.23 0.00	15.75 0.32 0.00	15.33 0.28 0.00	17.66 0.22 0.00	19.17 0.25 0.00	14.04 0.27 0.00	15.91 0.19 0.00	15.28 0.17 0.00	16.83 0.06 -0.10	18.84 -0.03 0.00	20.73 0.11 -0.51	23.35 0.09 0.00	27.37 0.20 0.31	32.53 0.40 0.70	32.35 0.60 0.62	33.74 0.66 0.00	36.73 1.03 0.00	72.70 2.55 0.00	46.34 1.66 0.00	39.89 1.29 0.00	39.79 1.08 0.00	34.15 0.83 0.00	29.78 0.64 -1.21	25.94 0.45 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.30 -0.17 0.00	15.10 -0.33 0.00	14.63 -0.42 0.00	16.96 -0.48 0.00	18.33 -0.59 0.00	13.23 -0.54 0.00	15.24 -0.49 0.00	14.58 -0.52 0.00	16.22 -0.45 0.00	18.93 0.06 0.00	20.37 0.27 0.00	23.78 0.52 0.00	27.99 0.51 0.00	33.45 0.61 0.00	32.47 0.10 0.00	33.07 0.00 0.00	35.47 -0.22 0.00	69.21 -0.95 0.00	40.70 -0.87 3.10	37.68 -0.65 0.27	36.06 -0.82 1.84	32.68 -0.64 0.00	27.58 -0.35 0.00	25.34 -0.15 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	18.37 0.90 0.00	16.21 0.78 0.00	15.72 0.67 0.00	18.14 0.71 0.00	19.68 0.76 0.00	14.33 0.56 0.00	16.32 0.60 0.00	15.72 0.61 0.00	17.46 0.63 -0.16	19.56 0.69 0.00	21.90 0.97 -0.82	24.50 1.23 0.00	29.32 1.59 -0.24	35.54 2.16 -0.54	35.21 2.36 -0.48	35.53 2.46 0.00	38.73 3.03 0.00	76.67 6.53 0.00	48.74 4.06 0.00	41.85 3.25 0.00	41.58 2.86 0.00	35.70 2.38 0.00	31.82 1.93 -1.96	27.09 1.60 0.00
PEEKSKILL____ 23653	18.22 0.74 0.00	16.07 0.64 0.00	15.59 0.54 0.00	17.98 0.55 0.00	19.52 0.59 0.00	14.21 0.44 0.00	16.17 0.45 0.00	15.58 0.47 0.00	17.63 0.47 -0.50	19.35 0.48 0.00	23.44 0.75 -2.58	24.24 0.97 0.00	29.03 1.27 -0.27	35.20 1.75 -0.61	34.86 1.94 -0.54	35.05 1.97 0.00	38.18 2.48 0.00	75.53 5.39 0.00	48.01 3.33 0.00	41.23 2.63 0.00	40.97 2.26 0.00	35.22 1.90 0.00	35.68 1.58 -6.17	26.80 1.31 0.00
PGE MADISON__WINDPWR 24146	18.58 1.10 0.00	16.35 0.92 0.00	15.93 0.88 0.00	18.40 0.96 0.00	19.90 0.97 0.00	14.48 0.71 0.00	16.64 0.92 0.00	16.01 0.90 0.00	17.65 0.99 0.00	19.98 1.11 0.00	21.32 1.22 0.00	24.76 1.49 0.00	29.16 1.68 0.00	35.03 2.20 0.00	34.54 2.17 0.00	35.39 2.31 0.00	38.73 3.03 0.00	77.16 7.02 0.00	50.10 4.82 -0.60	42.92 4.27 -0.05	43.05 3.98 -0.36	36.29 2.97 0.00	30.31 2.38 0.00	27.27 1.79 0.00
PIERCEFIELD__HYD 23852	17.10 -0.38 0.00	15.11 -0.32 0.00	14.84 -0.21 0.00	17.25 -0.19 0.00	18.73 -0.20 0.00	13.68 -0.10 0.00	15.69 -0.04 0.00	15.11 0.01 0.00	16.74 0.07 0.00	18.94 0.07 0.00	19.96 -0.14 0.00	23.09 -0.18 0.00	27.23 -0.26 0.00	32.34 -0.50 0.00	31.71 -0.66 0.00	32.40 -0.68 0.00	34.78 -0.91 0.00	67.41 -2.74 0.00	43.67 -1.01 0.00	37.87 -0.73 0.00	38.13 -0.58 0.00	32.82 -0.50 0.00	27.42 -0.51 0.00	24.91 -0.58 0.00
PINELAWN_CC_1 323563	18.78 1.30 0.00	16.57 1.14 0.00	16.07 1.02 0.00	18.45 1.01 0.00	20.01 1.08 0.00	14.63 0.86 0.00	16.59 0.87 0.00	16.06 0.95 0.00	17.99 0.90 -0.43	19.97 1.02 -0.07	32.73 1.44 -11.18	35.44 1.77 -10.41	36.60 2.21 -6.91	44.98 2.60 -9.55	40.56 2.63 -5.56	42.15 2.60 -6.48	59.57 3.09 -20.78	91.19 6.36 -14.68	68.39 3.95 -19.77	49.50 3.15 -7.75	41.60 2.89 0.00	73.33 3.01 -37.00	69.14 2.63 -38.57	27.77 2.23 -0.05
PJM_GEN_HTP_PROXY 323702	18.35 0.87 0.00	16.18 0.75 0.00	15.69 0.64 0.00	18.08 0.64 0.00	19.63 0.70 0.00	14.29 0.52 0.00	16.27 0.55 0.00	15.70 0.59 0.00	17.69 0.60 -0.43	19.50 0.63 0.00	23.24 0.92 -2.22	24.44 1.18 0.00	29.28 1.52 -0.28	35.49 2.02 -0.63	35.15 2.22 -0.56	35.34 2.27 0.00	38.17 2.80 0.33	76.11 5.96 0.00	48.35 3.67 0.00	41.52 2.92 0.00	41.24 2.52 0.00	35.52 2.20 0.00	35.08 1.84 -5.30	27.03 1.54 0.00
PJM_GEN_KEystone 24065	17.63 0.15 0.00	15.46 0.03 0.00	15.01 -0.04 0.00	17.36 -0.08 0.00	18.82 -0.10 0.00	13.64 -0.13 0.00	15.61 -0.11 0.00	15.00 -0.10 0.00	15.90 -0.14 0.62	15.57 0.00 3.30	16.90 0.19 3.40	23.65 0.39 0.00	28.07 0.45 -0.14	33.87 0.71 -0.32	33.33 0.67 -0.29	33.71 0.63 0.00	33.71 0.82 2.81	72.03 1.88 0.00	45.03 0.97 0.62	42.01 0.73 -2.68	37.02 0.40 2.10	30.82 0.35 2.84	18.23 0.34 10.05	24.77 0.28 1.00
PJM_GEN_NEPTUNE_PROXY 323594	18.49 1.01 0.00	16.32 0.89 0.00	15.82 0.77 0.00	18.19 0.76 0.00	19.73 0.81 0.00	14.43 0.66 0.00	16.37 0.65 0.00	15.83 0.72 0.00	17.75 0.66 -0.43	19.70 0.75 -0.07	31.85 1.13 -10.61	35.05 1.38 -10.41	36.09 1.72 -6.89	41.28 2.23 -6.20	38.34 2.38 -3.59	35.50 2.43 0.00	40.52 2.96 -1.86	76.25 6.10 0.00	48.43 3.75 0.00	41.51 2.91 0.00	41.27 2.56 0.00	72.73 2.42 -37.00	68.64 2.13 -38.57	27.33 1.80 -0.05
PJM_GEN_VFT_PROXY 323633	18.29 0.81 0.00	16.12 0.68 0.00	15.62 0.57 0.00	18.01 0.57 0.00	19.55 0.63 0.00	14.22 0.45 0.00	16.18 0.45 0.00	15.61 0.51 0.00	17.59 0.50 -0.43	19.39 0.52 0.00	23.16 0.84 -2.22	24.37 1.10 0.00	29.19 1.43 -0.28	35.39 1.93 -0.63	35.02 2.09 -0.56	35.19 2.11 0.00	37.96 2.59 0.33	75.74 5.59 0.00	48.11 3.43 0.00	41.30 2.70 0.00	41.02 2.31 0.00	35.34 2.02 0.00	32.41 1.70 -2.78	26.92 1.43 0.00
PLATSBRG_115KV_PMLD1 355749	16.98 -0.50 0.00	15.09 -0.34 0.00	14.94 -0.11 0.00	17.43 0.00 0.00	19.02 0.09 0.00	13.89 0.12 0.00	15.89 0.16 0.00	15.21 0.11 0.00	16.84 0.18 0.00	19.13 0.26 0.00	20.42 0.32 0.00	23.61 0.35 0.00	27.93 0.45 0.00	33.18 0.34 0.00	32.59 0.21 0.00	33.32 0.24 0.00	35.83 0.13 0.00	70.55 0.40 0.00	45.06 0.38 0.00	38.96 0.36 0.00	39.01 0.29 0.00	33.05 -0.27 0.00	27.63 -0.31 0.00	25.18 -0.31 0.00
PLEASANTVLY__LBMP 24000	18.10 0.62 0.00	15.99 0.55 0.00	15.52 0.47 0.00	17.92 0.48 0.00	19.44 0.52 0.00	14.17 0.40 0.00	16.12 0.40 0.00	15.51 0.41 0.00	17.26 0.40 -0.20	19.25 0.37 0.00	21.74 0.61 -1.02	24.02 0.75 0.00	28.78 0.97 -0.32	34.94 1.38 -0.72	34.57 1.56 -0.64	34.68 1.60 0.00	37.77 2.07 0.00	74.76 4.61 0.00	47.54 2.86 0.00	40.86 2.26 0.00	40.64 1.93 0.00	34.93 1.61 0.00	31.71 1.32 -2.45	26.56 1.08 0.00

PLSNTVLE_13_KV_13.8KVDIST 80602	18.27 0.79 0.00	16.13 0.70 0.00	15.64 0.59 0.00	18.04 0.60 0.00	19.58 0.66 0.00	14.27 0.50 0.00	16.24 0.52 0.00	15.63 0.53 0.00	17.54 0.54 -0.34	19.43 0.56 0.00	22.67 0.83 -1.74	24.32 1.05 0.00	29.13 1.36 -0.28	35.32 1.85 -0.63	34.97 2.04 -0.56	35.17 2.09 0.00	38.31 2.62 0.00	75.81 5.66 0.00	48.16 3.48 0.00	41.38 2.78 0.00	41.11 2.40 0.00	35.35 2.04 0.00	33.78 1.69 -4.15	26.90 1.41 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	18.27 0.79 0.00	16.13 0.70 0.00	15.64 0.59 0.00	18.04 0.60 0.00	19.58 0.66 0.00	14.27 0.50 0.00	16.24 0.52 0.00	15.63 0.53 0.00	17.54 0.54 -0.34	19.43 0.56 0.00	22.67 0.83 -1.74	24.32 1.05 0.00	29.13 1.36 -0.28	35.32 1.85 -0.63	34.97 2.04 -0.56	35.17 2.09 0.00	38.31 2.62 0.00	75.81 5.66 0.00	48.16 3.48 0.00	41.38 2.78 0.00	41.11 2.40 0.00	35.35 2.04 0.00	33.78 1.69 -4.15	26.90 1.41 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.25 0.77 0.00	16.10 0.67 0.00	15.62 0.57 0.00	18.04 0.60 0.00	19.57 0.65 0.00	14.26 0.49 0.00	16.23 0.51 0.00	15.62 0.52 0.00	17.29 0.53 -0.10	19.41 0.54 0.00	21.40 0.78 -0.52	24.23 0.96 0.00	28.65 1.25 0.08	34.38 1.73 0.19	34.13 1.93 0.16	35.11 2.03 0.00	38.27 2.57 0.00	75.84 5.69 0.00	48.24 3.57 0.00	41.45 2.85 0.00	41.21 2.50 0.00	35.35 2.04 0.00	30.82 1.65 -1.24	26.82 1.34 0.00
POLETTI____ 23519	18.34 0.86 0.00	16.18 0.75 0.00	15.68 0.63 0.00	18.08 0.64 0.00	19.62 0.69 0.00	14.28 0.52 0.00	16.26 0.54 0.00	15.69 0.58 0.00	17.69 0.59 -0.43	19.49 0.62 0.00	23.23 0.90 -2.22	24.44 1.17 0.00	29.28 1.52 -0.28	35.49 2.02 -0.63	35.14 2.21 -0.56	35.33 2.25 0.00	38.47 2.77 0.00	76.04 5.90 0.00	48.31 3.64 0.00	41.49 2.89 0.00	41.21 2.50 0.00	35.50 2.18 0.00	35.08 1.84 -5.30	27.04 1.55 0.00
POMONA____ESR 323819	18.22 0.74 0.00	16.05 0.63 0.00	15.57 0.52 0.00	17.98 0.54 0.00	19.51 0.59 0.00	14.19 0.43 0.00	16.16 0.44 0.00	15.56 0.46 0.00	16.54 0.46 0.58	19.34 0.47 0.00	17.88 0.75 2.98	24.25 0.98 0.00	29.04 1.30 -0.26	35.22 1.81 -0.57	34.89 2.01 -0.51	35.12 2.04 0.00	38.25 2.55 0.00	75.73 5.58 0.00	48.11 3.43 0.00	41.29 2.69 0.00	41.01 2.30 0.00	35.23 1.91 0.00	22.38 1.57 7.12	26.78 1.29 0.00
PORT_JEFF_3 23555	18.91 1.43 0.00	16.71 1.28 0.00	16.20 1.15 0.00	18.57 1.13 0.00	20.13 1.21 0.00	14.74 0.97 0.00	16.72 1.00 0.00	16.19 1.09 0.00	18.10 1.01 -0.43	20.12 1.17 -0.07	32.58 1.64 -10.83	35.66 1.98 -10.41	37.09 2.45 -7.16	94.73 3.00 -58.88	74.15 2.97 -38.80	149.17 2.93 -113.15	335.94 3.52 -296.72	308.44 7.05 -231.24	360.36 4.40 -311.28	164.04 3.39 -122.05	41.76 3.05 0.00	73.16 2.85 -37.00	69.14 2.64 -38.57	27.85 2.31 -0.05
PORT_JEFF_4 23616	18.91 1.43 0.00	16.71 1.28 0.00	16.20 1.15 0.00	18.57 1.13 0.00	20.13 1.21 0.00	14.74 0.97 0.00	16.72 1.00 0.00	16.19 1.09 0.00	18.10 1.01 -0.43	20.12 1.17 -0.07	32.58 1.64 -10.83	35.66 1.98 -10.41	37.09 2.45 -7.16	94.73 3.00 -58.88	74.15 2.97 -38.80	149.17 2.93 -113.15	335.94 3.52 -296.72	308.44 7.05 -231.24	360.36 4.40 -311.28	164.04 3.39 -122.05	41.76 3.05 0.00	73.16 2.85 -37.00	69.14 2.64 -38.57	27.85 2.31 -0.05
PORT_JEFF_IC 23713	18.95 1.46 0.00	16.73 1.30 0.00	16.23 1.18 0.00	18.60 1.16 0.00	20.17 1.24 0.00	14.76 0.99 0.00	16.74 1.02 0.00	16.21 1.11 0.00	18.14 1.05 -0.43	20.17 1.22 -0.07	32.64 1.69 -10.84	35.73 2.05 -10.41	37.23 2.55 -7.20	103.06 3.14 -67.08	84.52 3.14 -49.00	179.35 3.06 -143.21	383.78 3.69 -344.40	344.75 7.39 -267.21	408.99 4.61 -359.70	183.17 3.53 -141.04	41.88 3.17 0.00	73.27 2.95 -37.00	69.25 2.75 -38.57	27.92 2.39 -0.05
PPL PILGRIM_ST_GT1 24216	18.94 1.46 0.00	16.72 1.30 0.00	16.21 1.17 0.00	18.61 1.17 0.00	20.17 1.24 0.00	14.75 0.98 0.00	16.74 1.02 0.00	16.21 1.10 0.00	18.14 1.05 -0.43	20.14 1.20 -0.07	32.64 1.65 -10.89	35.69 2.02 -10.41	36.91 2.48 -6.94	52.84 3.05 -16.95	45.32 3.04 -9.90	56.82 2.95 -20.79	101.10 3.49 -61.91	124.32 7.01 -47.16	112.52 4.36 -63.48	66.85 3.36 -24.89	41.87 3.16 0.00	73.41 3.10 -37.00	69.31 2.81 -38.57	27.95 2.41 -0.05
PPL PILGRIM_ST_GT2 24217	18.94 1.46 0.00	16.72 1.30 0.00	16.21 1.17 0.00	18.61 1.17 0.00	20.17 1.24 0.00	14.75 0.98 0.00	16.74 1.02 0.00	16.21 1.10 0.00	18.14 1.05 -0.43	20.14 1.20 -0.07	32.64 1.65 -10.89	35.69 2.02 -10.41	36.91 2.48 -6.94	52.84 3.05 -16.95	45.32 3.04 -9.90	56.82 2.95 -20.79	101.10 3.49 -61.91	124.32 7.01 -47.16	112.52 4.36 -63.48	66.85 3.36 -24.89	41.87 3.16 0.00	73.41 3.10 -37.00	69.31 2.81 -38.57	27.95 2.41 -0.05
PPL_SHRM_GT3 24213	19.12 1.64 0.00	16.88 1.45 0.00	16.37 1.32 0.00	18.75 1.31 0.00	20.33 1.40 0.00	14.87 1.10 0.00	16.87 1.14 0.00	16.34 1.24 0.00	18.30 1.21 -0.43	20.36 1.42 -0.07	32.83 1.88 -10.84	35.94 2.26 -10.41	37.45 2.80 -7.16	96.32 3.49 -59.99	76.57 3.56 -40.64	155.14 3.63 -118.43	343.02 3.99 -303.33	313.62 7.38 -236.10	367.13 4.64 -317.82	167.08 3.87 -124.61	42.58 3.87 0.00	73.82 3.50 -37.00	69.62 3.12 -38.57	28.20 2.67 -0.05
PPL_SHRM_GT4 24214	19.12 1.64 0.00	16.88 1.45 0.00	16.37 1.32 0.00	18.75 1.31 0.00	20.33 1.40 0.00	14.87 1.10 0.00	16.87 1.14 0.00	16.34 1.24 0.00	18.30 1.21 -0.43	20.36 1.42 -0.07	32.83 1.88 -10.84	35.94 2.26 -10.41	37.45 2.80 -7.16	96.32 3.49 -59.99	76.57 3.56 -40.64	155.14 3.63 -118.43	343.02 3.99 -303.33	313.62 7.38 -236.10	367.13 4.64 -317.82	167.08 3.87 -124.61	42.58 3.87 0.00	73.82 3.50 -37.00	69.62 3.12 -38.57	28.20 2.67 -0.05
PROJECT____ORANGE 1 24174	17.61 0.13 0.00	15.49 0.06 0.00	15.08 0.03 0.00	17.46 0.03 0.00	18.92 0.00 0.00	13.75 -0.02 0.00	15.72 0.00 0.00	15.10 0.00 0.00	16.66 0.00 0.00	18.95 0.08 0.00	20.21 0.10 0.00	23.42 0.15 0.00	27.63 0.14 0.00	33.09 0.25 0.00	32.54 0.16 0.00	33.23 0.15 0.00	35.94 0.24 0.00	70.79 0.64 0.00	45.04 0.36 0.00	38.89 0.29 0.00	38.85 0.13 0.00	33.39 0.07 0.00	28.05 0.12 0.00	25.72 0.23 0.00
PROJECT____ORANGE 2 24166	17.61 0.13 0.00	15.49 0.06 0.00	15.08 0.03 0.00	17.46 0.03 0.00	18.92 0.00 0.00	13.75 -0.02 0.00	15.72 0.00 0.00	15.10 0.00 0.00	16.66 0.00 0.00	18.95 0.08 0.00	20.21 0.10 0.00	23.42 0.15 0.00	27.63 0.14 0.00	33.09 0.25 0.00	32.54 0.16 0.00	33.23 0.15 0.00	35.94 0.24 0.00	70.79 0.64 0.00	45.04 0.36 0.00	38.89 0.29 0.00	38.85 0.13 0.00	33.39 0.07 0.00	28.05 0.12 0.00	25.72 0.23 0.00
PUCKETT____SOLAR 323809	17.85 0.37 0.00	15.66 0.24 0.00	15.27 0.22 0.00	17.67 0.23 0.00	19.15 0.23 0.00	13.90 0.13 0.00	15.93 0.20 0.00	15.29 0.18 0.00	16.81 0.15 0.00	19.07 0.19 0.00	20.36 0.25 0.00	23.65 0.39 0.00	27.87 0.39 0.00	33.45 0.61 0.00	32.93 0.56 0.00	33.74 0.66 0.00	36.68 0.98 0.00	72.58 2.43 0.00	46.30 1.62 0.00	40.06 1.46 0.00	39.95 1.23 0.00	34.29 0.97 0.00	28.71 0.77 0.00	26.13 0.64 0.00

PYRITES___HYD 24023	17.39 -0.09 0.00	15.35 -0.08 0.00	15.07 0.02 0.00	17.51 0.07 0.00	19.01 0.08 0.00	13.88 0.11 0.00	15.94 0.21 0.00	15.34 0.24 0.00	16.96 0.30 0.00	19.14 0.27 0.00	20.19 0.08 0.00	23.34 0.08 0.00	27.56 0.08 0.00	32.71 -0.13 0.00	32.07 -0.30 0.00	32.78 -0.30 0.00	35.16 -0.54 0.00	68.16 -1.99 0.00	44.34 -0.34 0.00	38.53 -0.07 0.00	38.86 0.15 0.00	33.42 0.11 0.00	27.90 -0.03 0.00	25.35 -0.14 0.00
QUAKERRD_115KV_BK1 80622	17.06 -0.41 0.00	14.98 -0.45 0.00	14.54 -0.51 0.00	16.85 -0.59 0.00	18.24 -0.69 0.00	13.21 -0.56 0.00	15.14 -0.59 0.00	14.51 -0.60 0.00	16.08 -0.58 0.00	18.51 -0.36 0.00	19.85 -0.26 0.00	23.05 -0.22 0.00	27.22 -0.26 0.00	32.55 -0.29 0.00	31.86 -0.52 0.00	32.47 -0.61 0.00	34.98 -0.71 0.00	68.69 -1.46 0.00	43.57 -1.11 0.00	37.69 -0.91 0.00	37.63 -1.09 0.00	32.42 -0.90 0.00	27.30 -0.63 0.00	25.02 -0.47 0.00
QUENSBRY_115KV_TB8 356137	18.71 1.23 0.00	16.58 1.15 0.00	16.15 1.11 0.00	18.66 1.22 0.00	20.24 1.32 0.00	14.75 0.98 0.00	16.81 1.09 0.00	16.01 0.90 0.00	17.71 0.95 -0.10	19.90 1.03 0.00	21.72 1.12 -0.49	24.45 1.19 0.00	28.63 1.48 0.34	33.55 1.46 0.75	33.35 1.65 0.66	35.02 1.94 0.00	38.15 2.46 0.00	75.96 5.81 0.00	48.84 4.16 0.00	42.11 3.51 0.00	41.91 3.19 0.00	35.81 2.49 0.00	31.07 1.97 -1.17	27.09 1.60 0.00
RAMAPO___LBMP 323565	18.15 0.67 0.00	16.00 0.57 0.00	15.52 0.47 0.00	17.91 0.47 0.00	19.44 0.52 0.00	14.15 0.38 0.00	16.11 0.38 0.00	15.51 0.40 0.00	16.50 0.39 0.56	19.26 0.39 0.00	17.91 0.65 2.86	24.13 0.86 0.00	28.87 1.14 -0.25	35.01 1.61 -0.57	34.68 1.80 -0.50	34.89 1.81 0.00	37.99 2.29 0.00	75.22 5.07 0.00	47.79 3.12 0.00	41.05 2.45 0.00	40.77 2.06 0.00	35.03 1.72 0.00	22.51 1.41 6.83	26.64 1.16 0.00
RANKINE____ 23646	17.19 -0.30 0.00	15.01 -0.42 0.00	14.52 -0.53 0.00	16.83 -0.61 0.00	18.19 -0.74 0.00	13.14 -0.63 0.00	15.13 -0.59 0.00	14.48 -0.63 0.00	16.11 -0.56 0.00	18.83 -0.04 0.00	20.27 0.17 0.00	23.65 0.39 0.00	27.85 0.37 0.00	33.25 0.41 0.00	32.23 -0.14 0.00	32.79 -0.29 0.00	35.12 -0.57 0.00	68.46 -1.69 0.00	39.74 -1.33 3.60	37.29 -0.99 0.31	35.38 -1.20 2.13	32.38 -0.94 0.00	27.37 -0.56 0.00	25.17 -0.32 0.00
RAVENSWOOD_GT2_1 24244	18.37 0.89 0.00	16.21 0.78 0.00	15.71 0.66 0.00	18.10 0.66 0.00	19.65 0.73 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.71 0.61 0.00	17.71 0.61 -0.43	19.52 0.65 0.00	23.27 0.94 -2.22	24.48 1.22 0.00	29.32 1.56 -0.28	35.54 2.07 -0.63	35.19 2.26 -0.56	35.38 2.30 0.00	38.52 2.83 0.00	76.17 6.02 0.00	48.40 3.72 0.00	41.57 2.97 0.00	41.29 2.58 0.00	35.56 2.24 0.00	35.12 1.89 -5.30	27.08 1.59 0.00
RAVENSWOOD_GT2_2 24245	18.37 0.89 0.00	16.21 0.78 0.00	15.71 0.66 0.00	18.10 0.66 0.00	19.65 0.73 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.71 0.61 0.00	17.71 0.61 -0.43	19.52 0.65 0.00	23.27 0.94 -2.22	24.48 1.22 0.00	29.32 1.56 -0.28	35.54 2.07 -0.63	35.19 2.26 -0.56	35.38 2.30 0.00	38.52 2.83 0.00	76.17 6.02 0.00	48.40 3.72 0.00	41.57 2.97 0.00	41.29 2.58 0.00	35.56 2.24 0.00	35.12 1.89 -5.30	27.08 1.59 0.00
RAVENSWOOD_GT2_3 24246	18.38 0.90 0.00	16.21 0.78 0.00	15.72 0.67 0.00	18.11 0.67 0.00	19.65 0.73 0.00	14.32 0.55 0.00	16.30 0.58 0.00	15.72 0.61 0.00	17.72 0.62 -0.43	19.53 0.66 0.00	23.27 0.95 -2.22	24.50 1.23 0.00	29.34 1.57 -0.28	35.57 2.10 -0.63	35.21 2.29 -0.56	35.40 2.32 0.00	38.54 2.85 0.00	76.21 6.07 0.00	48.42 3.74 0.00	41.59 2.99 0.00	41.31 2.60 0.00	35.58 2.26 0.00	35.13 1.90 -5.30	27.09 1.61 0.00
RAVENSWOOD_GT2_4 24247	18.38 0.90 0.00	16.21 0.78 0.00	15.72 0.67 0.00	18.11 0.67 0.00	19.65 0.73 0.00	14.32 0.55 0.00	16.30 0.58 0.00	15.72 0.61 0.00	17.72 0.62 -0.43	19.53 0.66 0.00	23.27 0.95 -2.22	24.50 1.23 0.00	29.34 1.57 -0.28	35.57 2.10 -0.63	35.21 2.29 -0.56	35.40 2.32 0.00	38.54 2.85 0.00	76.21 6.07 0.00	48.42 3.74 0.00	41.59 2.99 0.00	41.31 2.60 0.00	35.58 2.26 0.00	35.13 1.90 -5.30	27.09 1.61 0.00
RAVENSWOOD_GT3_1 24248	18.37 0.89 0.00	16.21 0.78 0.00	15.71 0.67 0.00	18.10 0.66 0.00	19.65 0.73 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.71 0.61 0.00	17.71 0.61 -0.43	19.52 0.65 0.00	23.27 0.94 -2.22	24.48 1.22 0.00	29.32 1.56 -0.28	35.55 2.08 -0.63	35.19 2.26 -0.56	35.38 2.31 0.00	38.52 2.83 0.00	76.17 6.02 0.00	48.40 3.72 0.00	41.57 2.97 0.00	41.30 2.58 0.00	35.56 2.24 0.00	35.12 1.89 -5.30	27.09 1.60 0.00
RAVENSWOOD_GT3_2 24249	18.37 0.89 0.00	16.21 0.78 0.00	15.71 0.67 0.00	18.10 0.66 0.00	19.65 0.73 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.71 0.61 0.00	17.71 0.61 -0.43	19.52 0.65 0.00	23.27 0.94 -2.22	24.48 1.22 0.00	29.32 1.56 -0.28	35.55 2.08 -0.63	35.19 2.26 -0.56	35.38 2.31 0.00	38.52 2.83 0.00	76.17 6.02 0.00	48.40 3.72 0.00	41.57 2.97 0.00	41.30 2.58 0.00	35.56 2.24 0.00	35.12 1.89 -5.30	27.09 1.60 0.00
RAVENSWOOD_GT3_3 24250	18.40 0.92 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.13 0.69 0.00	19.67 0.75 0.00	14.33 0.56 0.00	16.32 0.59 0.00	15.73 0.63 0.00	17.74 0.64 -0.43	19.55 0.68 0.00	23.31 0.98 -2.22	24.53 1.26 0.00	29.38 1.62 -0.28	35.62 2.15 -0.63	35.26 2.33 -0.56	35.46 2.38 0.00	38.61 2.91 0.00	76.32 6.17 0.00	48.50 3.82 0.00	41.65 3.05 0.00	41.37 2.66 0.00	35.63 2.31 0.00	35.18 1.95 -5.30	27.14 1.65 0.00
RAVENSWOOD_GT3_4 24251	18.40 0.92 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.13 0.69 0.00	19.67 0.75 0.00	14.33 0.56 0.00	16.32 0.59 0.00	15.73 0.63 0.00	17.74 0.64 -0.43	19.55 0.68 0.00	23.31 0.98 -2.22	24.53 1.26 0.00	29.38 1.62 -0.28	35.62 2.15 -0.63	35.26 2.33 -0.56	35.46 2.38 0.00	38.61 2.91 0.00	76.32 6.17 0.00	48.50 3.82 0.00	41.65 3.05 0.00	41.37 2.66 0.00	35.63 2.31 0.00	35.18 1.95 -5.30	27.14 1.65 0.00
RAVENSWOOD_GT_1 23729	18.41 0.94 0.00	16.23 0.81 0.00	15.74 0.69 0.00	18.12 0.68 0.00	19.66 0.74 0.00	14.33 0.56 0.00	16.32 0.59 0.00	15.73 0.63 0.00	17.73 0.64 -0.43	19.54 0.67 0.00	23.31 0.98 -2.22	24.54 1.27 0.00	29.39 1.63 -0.28	35.64 2.18 -0.63	35.30 2.37 -0.56	35.47 2.39 0.00	38.59 2.89 0.00	76.26 6.11 0.00	48.49 3.81 0.00	41.64 3.04 0.00	41.35 2.63 0.00	35.62 2.31 0.00	35.19 1.96 -5.30	27.16 1.67 0.00
RAVENSWOOD_GT_10 24258	18.37 0.89 0.00	16.21 0.78 0.00	15.71 0.66 0.00	18.10 0.66 0.00	19.65 0.73 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.71 0.61 0.00	17.71 0.61 -0.43	19.52 0.65 0.00	23.27 0.94 -2.22	24.48 1.22 0.00	29.32 1.56 -0.28	35.54 2.07 -0.63	35.19 2.26 -0.56	35.38 2.31 0.00	38.52 2.83 0.00	76.17 6.02 0.00	48.40 3.72 0.00	41.57 2.97 0.00	41.30 2.58 0.00	35.56 2.24 0.00	35.12 1.89 -5.30	27.08 1.59 0.00



RAVENSWOOD_GT_11 24259	18.37 0.89 0.00	16.20 0.78 0.00	15.71 0.67 0.00	18.11 0.67 0.00	19.65 0.73 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.71 0.61 0.00	17.71 0.61 -0.43	19.52 0.65 0.00	23.27 0.94 -2.22	24.48 1.21 0.00	29.32 1.56 -0.28	35.54 2.08 -0.63	35.19 2.26 -0.56	35.38 2.31 0.00	38.53 2.83 0.00	76.17 6.02 0.00	48.40 3.72 0.00	41.56 2.97 0.00	41.29 2.58 0.00	35.56 2.24 0.00	35.12 1.89 -5.30	27.08 1.59 0.00
RAVENSWOOD_GT_4 24252	18.37 0.89 0.00	16.21 0.78 0.00	15.71 0.66 0.00	18.11 0.67 0.00	19.65 0.73 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.71 0.61 0.00	17.71 0.62 -0.43	19.52 0.65 0.00	23.27 0.95 -2.22	24.48 1.22 0.00	29.32 1.56 -0.28	35.54 2.07 -0.63	35.18 2.25 -0.56	35.38 2.31 0.00	38.53 2.83 0.00	76.18 6.03 0.00	48.40 3.72 0.00	41.57 2.97 0.00	41.30 2.58 0.00	35.56 2.24 0.00	35.12 1.89 -5.30	27.08 1.59 0.00
RAVENSWOOD_GT_5 24254	18.37 0.89 0.00	16.21 0.78 0.00	15.71 0.66 0.00	18.11 0.67 0.00	19.65 0.73 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.71 0.61 0.00	17.71 0.62 -0.43	19.52 0.65 0.00	23.27 0.95 -2.22	24.48 1.22 0.00	29.32 1.56 -0.28	35.54 2.07 -0.63	35.18 2.25 -0.56	35.38 2.31 0.00	38.53 2.83 0.00	76.18 6.03 0.00	48.40 3.72 0.00	41.57 2.97 0.00	41.30 2.58 0.00	35.56 2.24 0.00	35.12 1.89 -5.30	27.08 1.59 0.00
RAVENSWOOD_GT_6 24253	18.37 0.89 0.00	16.21 0.78 0.00	15.71 0.66 0.00	18.11 0.67 0.00	19.65 0.73 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.71 0.61 0.00	17.71 0.62 -0.43	19.52 0.65 0.00	23.27 0.95 -2.22	24.48 1.22 0.00	29.32 1.56 -0.28	35.54 2.07 -0.63	35.18 2.25 -0.56	35.38 2.31 0.00	38.53 2.83 0.00	76.18 6.03 0.00	48.40 3.72 0.00	41.57 2.97 0.00	41.30 2.58 0.00	35.56 2.24 0.00	35.12 1.89 -5.30	27.08 1.59 0.00
RAVENSWOOD_GT_7 24255	18.37 0.89 0.00	16.21 0.78 0.00	15.71 0.66 0.00	18.11 0.67 0.00	19.65 0.73 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.71 0.61 0.00	17.71 0.62 -0.43	19.52 0.65 0.00	23.27 0.95 -2.22	24.48 1.22 0.00	29.32 1.56 -0.28	35.54 2.07 -0.63	35.18 2.25 -0.56	35.38 2.31 0.00	38.53 2.83 0.00	76.18 6.03 0.00	48.40 3.72 0.00	41.57 2.97 0.00	41.30 2.58 0.00	35.56 2.24 0.00	35.12 1.89 -5.30	27.08 1.59 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.37 0.89 0.00	16.21 0.78 0.00	15.71 0.66 0.00	18.10 0.66 0.00	19.65 0.73 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.71 0.61 0.00	17.71 0.61 -0.43	19.52 0.65 0.00	23.27 0.94 -2.22	24.48 1.22 0.00	29.32 1.56 -0.28	35.54 2.07 -0.63	35.19 2.26 -0.56	35.38 2.31 0.00	38.52 2.83 0.00	76.17 6.02 0.00	48.40 3.72 0.00	41.57 2.97 0.00	41.30 2.58 0.00	35.56 2.24 0.00	35.12 1.89 -5.30	27.08 1.59 0.00
RAVENSWOOD_GT_9 24257	18.37 0.89 0.00	16.21 0.78 0.00	15.71 0.66 0.00	18.10 0.66 0.00	19.65 0.73 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.71 0.61 0.00	17.71 0.61 -0.43	19.52 0.65 0.00	23.27 0.94 -2.22	24.48 1.22 0.00	29.32 1.56 -0.28	35.54 2.07 -0.63	35.19 2.26 -0.56	35.38 2.31 0.00	38.52 2.83 0.00	76.17 6.02 0.00	48.40 3.72 0.00	41.57 2.97 0.00	41.30 2.58 0.00	35.56 2.24 0.00	35.12 1.89 -5.30	27.08 1.59 0.00
RAVENSWOOD___1 23533	18.38 0.90 0.00	16.22 0.79 0.00	15.71 0.67 0.00	18.10 0.66 0.00	19.64 0.71 0.00	14.31 0.54 0.00	16.30 0.57 0.00	15.72 0.61 0.00	17.71 0.62 -0.43	19.51 0.64 0.00	23.27 0.94 -2.22	24.49 1.22 0.00	29.34 1.58 -0.28	35.58 2.11 -0.63	35.24 2.31 -0.56	35.40 2.33 0.00	38.54 2.84 0.00	76.16 6.01 0.00	48.42 3.74 0.00	41.59 2.99 0.00	41.30 2.59 0.00	35.58 2.27 0.00	35.14 1.91 -5.30	27.11 1.62 0.00
RAVENSWOOD___2 23534	18.38 0.90 0.00	16.22 0.79 0.00	15.71 0.67 0.00	18.10 0.66 0.00	19.64 0.71 0.00	14.31 0.54 0.00	16.30 0.57 0.00	15.72 0.61 0.00	17.71 0.62 -0.43	19.51 0.64 0.00	23.27 0.94 -2.22	24.49 1.22 0.00	29.34 1.58 -0.28	35.58 2.11 -0.63	35.24 2.31 -0.56	35.40 2.33 0.00	38.54 2.84 0.00	76.16 6.01 0.00	48.42 3.74 0.00	41.59 2.99 0.00	41.30 2.59 0.00	35.58 2.27 0.00	35.14 1.91 -5.30	27.11 1.62 0.00
RAVENSWOOD___3 23535	18.37 0.89 0.00	16.20 0.78 0.00	15.71 0.67 0.00	18.11 0.67 0.00	19.65 0.73 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.71 0.61 0.00	17.71 0.61 -0.43	19.52 0.65 0.00	23.27 0.94 -2.22	24.48 1.21 0.00	29.32 1.56 -0.28	35.55 2.08 -0.63	35.19 2.26 -0.56	35.39 2.31 0.00	38.53 2.83 0.00	76.17 6.02 0.00	48.40 3.72 0.00	41.56 2.97 0.00	41.29 2.58 0.00	35.56 2.24 0.00	35.12 1.89 -5.30	27.09 1.60 0.00
RAVENSWOOD___4 23820	18.38 0.90 0.00	16.22 0.79 0.00	15.71 0.67 0.00	18.10 0.66 0.00	19.64 0.71 0.00	14.31 0.54 0.00	16.30 0.57 0.00	15.72 0.61 0.00	17.71 0.62 -0.43	19.51 0.64 0.00	23.27 0.94 -2.22	24.49 1.22 0.00	29.34 1.58 -0.28	35.58 2.11 -0.63	35.24 2.31 -0.56	35.40 2.33 0.00	38.54 2.84 0.00	76.16 6.01 0.00	48.42 3.74 0.00	41.59 2.99 0.00	41.30 2.59 0.00	35.58 2.27 0.00	35.14 1.91 -5.30	27.11 1.62 0.00
RCPI_TRUST___DRP 24196	18.37 0.89 0.00	16.19 0.77 0.00	15.70 0.65 0.00	18.09 0.66 0.00	19.64 0.72 0.00	14.31 0.54 0.00	16.28 0.56 0.00	15.71 0.61 0.00	17.71 0.62 -0.43	19.52 0.65 0.00	23.27 0.94 -2.22	24.48 1.21 0.00	29.32 1.56 -0.28	35.55 2.08 -0.63	35.20 2.27 -0.56	35.39 2.32 0.00	38.55 2.85 0.00	76.21 6.06 0.00	48.42 3.74 0.00	41.57 2.97 0.00	41.29 2.58 0.00	35.56 2.24 0.00	35.11 1.88 -5.30	27.06 1.57 0.00
RED___ROCHESTER 323720	17.52 0.04 0.00	15.37 -0.06 0.00	14.90 -0.15 0.00	17.26 -0.18 0.00	18.66 -0.26 0.00	13.51 -0.26 0.00	15.49 -0.23 0.00	14.84 -0.26 0.00	16.46 -0.20 0.00	19.03 0.16 0.00	20.46 0.35 0.00	23.81 0.54 0.00	28.14 0.66 0.00	33.67 0.83 0.00	32.93 0.56 0.00	33.52 0.45 0.00	36.11 0.41 0.00	70.83 0.68 0.00	44.90 0.22 0.00	38.86 0.27 0.00	38.79 0.08 0.00	33.42 0.10 0.00	28.15 0.22 0.00	25.80 0.31 0.00
REGAN___SOLAR 323812	19.25 1.77 0.00	16.84 1.41 0.00	16.38 1.33 0.00	19.07 1.63 0.00	20.67 1.75 0.00	15.03 1.26 0.00	17.23 1.51 0.00	16.31 1.20 0.00	17.68 0.94 -0.08	20.45 1.58 0.00	21.69 1.19 -0.39	24.11 0.85 0.00	29.15 1.90 0.23	34.29 1.96 0.51	33.66 1.74 0.45	34.44 1.37 0.00	37.68 1.98 0.00	78.82 8.67 0.00	50.34 5.66 0.00	43.99 5.39 0.00	43.89 5.18 0.00	37.59 4.27 0.00	32.29 3.41 -0.94	28.49 3.01 0.00
RENSSELAER___COGEN 23796	17.61 0.13 0.00	15.66 0.23 0.00	15.25 0.20 0.00	17.57 0.13 0.00	19.07 0.15 0.00	13.97 0.20 0.00	15.83 0.11 0.00	15.20 0.10 0.00	16.73 -0.03 -0.10	18.72 -0.15 0.00	20.59 -0.02 -0.51	23.18 -0.08 0.00	27.16 -0.01 0.31	32.29 0.14 0.68	32.11 0.35 0.61	33.46 0.39 0.00	36.42 0.72 0.00	72.07 1.92 0.00	45.96 1.28 0.00	39.58 0.98 0.00	39.49 0.78 0.00	33.90 0.58 0.00	29.59 0.44 -1.22	25.77 0.28 0.00

REPUBLIC_115KV_BARTNBRK 55605	19.38 1.90 0.00	17.22 1.79 0.00	16.82 1.77 0.00	19.42 1.98 0.00	21.07 2.14 0.00	15.39 1.62 0.00	17.56 1.84 0.00	16.50 1.40 0.00	18.24 1.49 -0.10	20.54 1.67 0.00	22.46 1.86 -0.49	25.30 2.04 0.00	29.86 2.71 0.34	35.21 3.13 0.75	34.98 3.28 0.67	36.90 3.83 0.00	40.55 4.86 0.00	81.15 11.00 0.00	51.78 7.10 0.00	44.54 5.94 0.00	44.07 5.36 0.00	37.65 4.34 0.00	32.64 3.54 -1.17	28.50 3.01 0.00
REVERE_CPPR_DRP 24186	17.79 0.31 0.00	15.67 0.24 0.00	15.30 0.25 0.00	17.73 0.29 0.00	19.22 0.29 0.00	13.98 0.22 0.00	16.02 0.29 0.00	15.42 0.31 0.00	17.02 0.36 0.00	19.31 0.44 0.00	20.60 0.49 0.00	23.87 0.61 0.00	28.13 0.65 0.00	33.74 0.90 0.00	33.20 0.83 0.00	34.01 0.93 0.00	36.96 1.26 0.00	73.10 2.95 0.00	46.81 2.13 0.00	40.45 1.85 0.00	40.36 1.64 0.00	34.63 1.31 0.00	28.90 0.97 0.00	26.24 0.75 0.00
REYNOLDS_115KV_TB3 80639	17.70 0.22 0.00	15.74 0.31 0.00	15.32 0.27 0.00	17.68 0.24 0.00	19.20 0.27 0.00	14.03 0.26 0.00	15.92 0.19 0.00	15.26 0.16 0.00	16.83 0.07 -0.10	18.82 -0.05 0.00	20.72 0.09 -0.52	23.29 0.04 0.00	27.23 0.11 0.36	32.31 0.28 0.81	32.14 0.48 0.71	33.60 0.52 0.00	36.59 0.89 0.00	72.45 2.30 0.00	46.18 1.51 0.00	39.78 1.18 0.00	39.68 0.97 0.00	34.06 0.74 0.00	29.77 0.59 -1.25	25.90 0.41 0.00
RIVERBAY____ 323610	18.47 0.99 0.00	16.29 0.86 0.00	15.78 0.74 0.00	18.20 0.76 0.00	19.69 0.77 0.00	14.34 0.57 0.00	16.33 0.60 0.00	15.73 0.63 0.00	17.74 0.64 -0.43	19.59 0.72 0.00	23.29 0.96 -2.22	24.55 1.28 0.00	29.34 1.58 -0.28	35.71 2.24 -0.63	35.41 2.48 -0.56	35.56 2.48 0.00	38.70 3.00 0.00	76.58 6.43 0.00	48.71 4.03 0.00	41.86 3.26 0.00	41.54 2.83 0.00	35.81 2.49 0.00	35.35 2.12 -5.30	27.29 1.80 0.00
RIVERSDE_115KV_TB3 55908	17.67 0.19 0.00	15.72 0.28 0.00	15.30 0.25 0.00	17.63 0.20 0.00	19.15 0.22 0.00	14.01 0.24 0.00	15.89 0.17 0.00	15.24 0.14 0.00	16.79 0.03 -0.10	18.79 -0.08 0.00	20.68 0.06 -0.51	23.27 0.01 0.00	27.25 0.09 0.34	32.35 0.26 0.75	32.17 0.46 0.66	33.59 0.51 0.00	36.57 0.87 0.00	72.40 2.26 0.00	46.15 1.48 0.00	39.75 1.15 0.00	39.65 0.93 0.00	34.03 0.71 0.00	29.72 0.55 -1.23	25.86 0.38 0.00
ROARING__BROOK_WT_PWR 323790	16.92 -0.56 0.00	15.00 -0.43 0.00	14.73 -0.32 0.00	17.14 -0.30 0.00	18.62 -0.30 0.00	13.57 -0.21 0.00	15.52 -0.20 0.00	14.96 -0.15 0.00	16.57 -0.09 0.00	18.79 -0.08 0.00	20.02 -0.09 0.00	23.15 -0.11 0.00	27.25 -0.23 0.00	32.57 -0.26 0.00	32.02 -0.35 0.00	32.67 -0.41 0.00	35.28 -0.42 0.00	69.17 -0.98 0.00	44.09 -0.59 0.00	37.90 -0.70 0.00	37.89 -0.82 0.00	32.76 -0.56 0.00	27.33 -0.60 0.00	24.91 -0.58 0.00
ROCHESRG_115KV_T4 355643	17.35 -0.13 0.00	15.22 -0.21 0.00	14.76 -0.29 0.00	17.10 -0.33 0.00	18.50 -0.42 0.00	13.39 -0.38 0.00	15.36 -0.37 0.00	14.71 -0.40 0.00	16.31 -0.35 0.00	18.84 -0.03 0.00	20.24 0.13 0.00	23.51 0.25 0.00	27.77 0.28 0.00	33.18 0.34 0.00	32.42 0.04 0.00	33.01 -0.07 0.00	35.52 -0.18 0.00	69.60 -0.55 0.00	44.14 -0.54 0.00	38.22 -0.38 0.00	38.15 -0.56 0.00	32.91 -0.40 0.00	27.74 -0.19 0.00	25.45 -0.04 0.00
ROCHESTER_9_IC 23652	17.45 -0.04 0.00	15.30 -0.13 0.00	14.84 -0.21 0.00	17.19 -0.25 0.00	18.59 -0.33 0.00	13.45 -0.32 0.00	15.43 -0.29 0.00	14.78 -0.32 0.00	16.40 -0.27 0.00	18.95 0.08 0.00	20.35 0.24 0.00	23.67 0.41 0.00	27.96 0.48 0.00	33.44 0.60 0.00	32.68 0.30 0.00	33.28 0.20 0.00	35.83 0.13 0.00	70.23 0.08 0.00	44.53 -0.14 0.00	38.56 -0.04 0.00	38.49 -0.23 0.00	33.18 -0.14 0.00	27.96 0.02 0.00	25.63 0.14 0.00
ROCKVIEW_13_KV_LD 356306	18.37 0.89 0.00	16.20 0.77 0.00	15.71 0.67 0.00	18.11 0.67 0.00	19.65 0.73 0.00	14.32 0.54 0.00	16.30 0.57 0.00	15.70 0.60 0.00	17.71 0.61 -0.43	19.51 0.64 0.00	23.25 0.93 -2.21	24.46 1.19 0.00	29.31 1.54 -0.28	35.54 2.07 -0.63	35.19 2.26 -0.56	35.39 2.31 0.00	38.54 2.84 0.00	76.24 6.10 0.00	48.44 3.76 0.00	41.60 3.00 0.00	41.33 2.62 0.00	35.56 2.25 0.00	35.09 1.86 -5.30	27.05 1.56 0.00
ROME____115KV_TB2 80656	17.79 0.31 0.00	15.67 0.24 0.00	15.30 0.25 0.00	17.73 0.29 0.00	19.22 0.29 0.00	13.98 0.22 0.00	16.02 0.29 0.00	15.42 0.31 0.00	17.02 0.36 0.00	19.31 0.44 0.00	20.60 0.49 0.00	23.87 0.61 0.00	28.13 0.65 0.00	33.74 0.90 0.00	33.20 0.83 0.00	34.01 0.93 0.00	36.96 1.26 0.00	73.10 2.95 0.00	46.81 2.13 0.00	40.45 1.85 0.00	40.36 1.64 0.00	34.63 1.31 0.00	28.90 0.97 0.00	26.24 0.75 0.00
ROSETON____1 23587	18.09 0.61 0.00	15.97 0.54 0.00	15.51 0.46 0.00	17.91 0.47 0.00	19.44 0.51 0.00	14.15 0.38 0.00	16.11 0.38 0.00	15.50 0.39 0.00	17.04 0.38 0.00	19.24 0.37 0.00	20.71 0.60 0.00	24.02 0.76 0.00	28.73 0.99 -0.26	34.80 1.39 -0.57	34.44 1.57 -0.51	34.69 1.61 0.00	37.76 2.06 0.00	74.72 4.57 0.00	47.52 2.84 0.00	40.84 2.24 0.00	40.62 1.91 0.00	34.92 1.60 0.00	29.24 1.31 0.00	26.55 1.07 0.00
ROSETON____2 23588	18.09 0.61 0.00	15.97 0.54 0.00	15.51 0.46 0.00	17.91 0.47 0.00	19.44 0.51 0.00	14.15 0.38 0.00	16.11 0.38 0.00	15.50 0.39 0.00	17.04 0.38 0.00	19.24 0.37 0.00	20.71 0.60 0.00	24.02 0.76 0.00	28.73 0.99 -0.26	34.80 1.39 -0.57	34.44 1.57 -0.51	34.69 1.61 0.00	37.76 2.06 0.00	74.72 4.57 0.00	47.52 2.84 0.00	40.84 2.24 0.00	40.62 1.91 0.00	34.92 1.60 0.00	29.24 1.31 0.00	26.55 1.07 0.00
ROTTRDAM_115KV_TB3 80664	18.00 0.52 0.00	15.91 0.48 0.00	15.50 0.45 0.00	17.95 0.51 0.00	19.48 0.55 0.00	14.18 0.41 0.00	16.14 0.41 0.00	15.48 0.38 0.00	17.12 0.36 -0.09	19.21 0.34 0.00	21.05 0.47 -0.47	23.76 0.50 0.00	27.88 0.66 0.27	33.08 0.85 0.61	32.82 0.99 0.53	34.12 1.04 0.00	37.07 1.37 0.00	73.36 3.21 0.00	46.83 2.15 0.00	40.39 1.80 0.00	40.31 1.60 0.00	34.61 1.29 0.00	30.10 1.03 -1.13	26.33 0.84 0.00
RUSSELL____1 23602	17.52 0.04 0.00	15.37 -0.06 0.00	14.90 -0.15 0.00	17.26 -0.18 0.00	18.67 -0.26 0.00	13.51 -0.26 0.00	15.49 -0.23 0.00	14.84 -0.26 0.00	16.46 -0.20 0.00	19.03 0.16 0.00	20.46 0.35 0.00	23.81 0.54 0.00	28.14 0.66 0.00	33.66 0.82 0.00	32.92 0.55 0.00	33.52 0.44 0.00	36.11 0.42 0.00	70.83 0.68 0.00	44.90 0.22 0.00	38.86 0.26 0.00	38.79 0.08 0.00	33.42 0.10 0.00	28.15 0.22 0.00	25.80 0.31 0.00
RUSSELL____2 23532	17.52 0.04 0.00	15.37 -0.06 0.00	14.90 -0.15 0.00	17.26 -0.18 0.00	18.67 -0.26 0.00	13.51 -0.26 0.00	15.49 -0.23 0.00	14.84 -0.26 0.00	16.46 -0.20 0.00	19.03 0.16 0.00	20.46 0.35 0.00	23.81 0.54 0.00	28.14 0.66 0.00	33.66 0.82 0.00	32.92 0.55 0.00	33.52 0.44 0.00	36.11 0.42 0.00	70.83 0.68 0.00	44.90 0.22 0.00	38.86 0.26 0.00	38.79 0.08 0.00	33.42 0.10 0.00	28.15 0.22 0.00	25.80 0.31 0.00

RUSSELL___3 23549	17.52 0.04 0.00	15.37 -0.06 0.00	14.90 -0.15 0.00	17.26 -0.18 0.00	18.67 -0.26 0.00	13.51 -0.26 0.00	15.49 -0.23 0.00	14.84 -0.26 0.00	16.46 -0.20 0.00	19.03 0.16 0.00	20.46 0.35 0.00	23.81 0.54 0.00	28.14 0.66 0.00	33.66 0.82 0.00	32.92 0.55 0.00	33.52 0.44 0.00	36.11 0.42 0.00	70.83 0.68 0.00	44.90 0.22 0.00	38.86 0.26 0.00	38.79 0.08 0.00	33.42 0.10 0.00	28.15 0.22 0.00	25.80 0.31 0.00
RUSSELL___4 23556	17.52 0.04 0.00	15.37 -0.06 0.00	14.90 -0.15 0.00	17.26 -0.18 0.00	18.67 -0.26 0.00	13.51 -0.26 0.00	15.49 -0.23 0.00	14.84 -0.26 0.00	16.46 -0.20 0.00	19.03 0.16 0.00	20.46 0.35 0.00	23.81 0.54 0.00	28.14 0.66 0.00	33.66 0.82 0.00	32.92 0.55 0.00	33.52 0.44 0.00	36.11 0.42 0.00	70.83 0.68 0.00	44.90 0.22 0.00	38.86 0.26 0.00	38.79 0.08 0.00	33.42 0.10 0.00	28.15 0.22 0.00	25.80 0.31 0.00
RUSSELL___STATION 23914	17.52 0.04 0.00	15.37 -0.06 0.00	14.90 -0.15 0.00	17.26 -0.18 0.00	18.67 -0.26 0.00	13.51 -0.26 0.00	15.49 -0.23 0.00	14.84 -0.26 0.00	16.46 -0.20 0.00	19.03 0.16 0.00	20.46 0.35 0.00	23.81 0.54 0.00	28.14 0.66 0.00	33.66 0.82 0.00	32.92 0.55 0.00	33.52 0.44 0.00	36.11 0.42 0.00	70.83 0.68 0.00	44.90 0.22 0.00	38.86 0.26 0.00	38.79 0.08 0.00	33.42 0.10 0.00	28.15 0.22 0.00	25.80 0.31 0.00
S SALMON___HYD 24043	17.26 -0.22 0.00	15.21 -0.22 0.00	14.86 -0.19 0.00	17.21 -0.23 0.00	18.65 -0.27 0.00	13.55 -0.22 0.00	15.52 -0.20 0.00	14.96 -0.14 0.00	16.55 -0.11 0.00	18.81 -0.06 0.00	20.07 -0.04 0.00	23.21 -0.05 0.00	27.28 -0.20 0.00	32.67 -0.17 0.00	32.04 -0.33 0.00	32.73 -0.35 0.00	35.54 -0.16 0.00	70.12 -0.03 0.00	44.85 0.17 0.00	38.77 0.18 0.00	38.63 -0.08 0.00	33.27 -0.05 0.00	27.86 -0.08 0.00	25.38 -0.11 0.00
S.PERRY___115KV_TB1 80734	17.77 0.28 0.00	15.50 0.07 0.00	15.00 -0.05 0.00	17.36 -0.08 0.00	18.79 -0.14 0.00	13.64 -0.13 0.00	15.72 0.00 0.00	15.08 -0.03 0.00	16.61 -0.06 0.00	19.05 0.18 0.00	20.47 0.36 0.00	23.87 0.61 0.00	28.16 0.68 0.00	33.70 0.86 0.00	32.87 0.50 0.00	33.46 0.38 0.00	36.10 0.40 0.00	70.89 0.74 0.00	58.30 1.29 -12.33	41.01 1.35 -1.07	47.17 1.17 -7.29	34.33 1.01 0.00	28.77 0.84 0.00	26.22 0.73 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.05 -0.43 0.00	14.91 -0.51 0.00	14.43 -0.62 0.00	16.73 -0.71 0.00	18.08 -0.85 0.00	13.04 -0.73 0.00	15.01 -0.71 0.00	14.35 -0.75 0.00	15.98 -0.68 0.00	18.69 -0.18 0.00	20.13 0.02 0.00	23.45 0.19 0.00	27.62 0.13 0.00	32.93 0.09 0.00	31.89 -0.48 0.00	32.41 -0.67 0.00	34.69 -1.01 0.00	67.51 -2.64 0.00	39.27 -1.95 3.46	36.81 -1.48 0.30	34.97 -1.70 2.04	32.02 -1.30 0.00	27.12 -0.81 0.00	24.96 -0.52 0.00
SAWYER___23_KV_LOAD 55526	17.05 -0.43 0.00	14.91 -0.51 0.00	14.43 -0.62 0.00	16.73 -0.71 0.00	18.08 -0.85 0.00	13.04 -0.73 0.00	15.01 -0.71 0.00	14.35 -0.75 0.00	15.98 -0.68 0.00	18.69 -0.18 0.00	20.13 0.02 0.00	23.45 0.19 0.00	27.62 0.13 0.00	32.93 0.09 0.00	31.89 -0.48 0.00	32.41 -0.67 0.00	34.69 -1.01 0.00	67.51 -2.64 0.00	39.27 -1.95 3.46	36.81 -1.48 0.30	34.97 -1.70 2.04	32.02 -1.30 0.00	27.12 -0.81 0.00	24.96 -0.52 0.00
SELKIRK___I 23801	17.80 0.33 0.00	15.80 0.38 0.00	15.40 0.35 0.00	17.80 0.36 0.00	19.32 0.39 0.00	14.11 0.34 0.00	16.02 0.30 0.00	15.37 0.26 0.00	16.93 0.18 -0.09	18.97 0.09 0.00	20.78 0.21 -0.47	23.43 0.17 0.00	27.54 0.26 0.20	32.85 0.47 0.46	32.62 0.65 0.40	33.76 0.68 0.00	36.72 1.02 0.00	72.61 2.46 0.00	46.32 1.64 0.00	39.93 1.33 0.00	39.86 1.14 0.00	34.23 0.92 0.00	29.77 0.72 -1.12	26.04 0.55 0.00
SELKIRK___II 23799	17.69 0.21 0.00	15.70 0.27 0.00	15.29 0.24 0.00	17.66 0.22 0.00	19.17 0.25 0.00	14.00 0.23 0.00	15.90 0.17 0.00	15.26 0.15 0.00	16.83 0.07 -0.10	18.84 -0.03 0.00	20.70 0.10 -0.49	23.33 0.07 0.00	27.40 0.15 0.23	32.65 0.34 0.53	32.43 0.52 0.47	33.63 0.55 0.00	36.57 0.88 0.00	72.32 2.17 0.00	46.10 1.42 0.00	39.72 1.12 0.00	39.64 0.93 0.00	34.04 0.72 0.00	29.69 0.57 -1.19	25.90 0.41 0.00
SENECA OSWGO___HYD 24041	17.56 0.08 0.00	15.45 0.02 0.00	15.04 -0.01 0.00	17.42 -0.02 0.00	18.86 -0.07 0.00	13.69 -0.08 0.00	15.64 -0.08 0.00	15.02 -0.08 0.00	16.58 -0.08 0.00	18.84 -0.03 0.00	20.08 -0.03 0.00	23.23 -0.03 0.00	27.40 -0.08 0.00	32.80 -0.04 0.00	32.29 -0.09 0.00	32.98 -0.10 0.00	35.68 -0.02 0.00	70.27 0.12 0.00	44.73 0.05 0.00	38.62 0.03 0.00	38.61 -0.10 0.00	33.20 -0.12 0.00	27.89 -0.05 0.00	25.56 0.07 0.00
SENECA___115KV_TB3 355854	17.21 -0.27 0.00	15.04 -0.39 0.00	14.54 -0.51 0.00	16.86 -0.58 0.00	18.23 -0.70 0.00	13.16 -0.61 0.00	15.16 -0.57 0.00	14.50 -0.61 0.00	16.13 -0.53 0.00	18.85 -0.02 0.00	20.30 0.20 0.00	23.69 0.43 0.00	27.90 0.42 0.00	33.31 0.47 0.00	32.29 -0.08 0.00	32.85 -0.23 0.00	35.20 -0.50 0.00	68.60 -1.55 0.00	39.81 -1.26 3.60	37.36 -0.93 0.31	35.45 -1.13 2.13	32.45 -0.87 0.00	27.42 -0.51 0.00	25.21 -0.27 0.00
SENECA___ENERGY 23797	17.50 0.02 0.00	15.36 -0.07 0.00	14.92 -0.12 0.00	17.31 -0.13 0.00	18.74 -0.18 0.00	13.60 -0.17 0.00	15.59 -0.13 0.00	14.95 -0.15 0.00	16.52 -0.15 0.00	18.85 -0.02 0.00	20.16 0.05 0.00	23.40 0.13 0.00	27.63 0.14 0.00	33.04 0.20 0.00	32.48 0.10 0.00	33.23 0.16 0.00	35.95 0.26 0.00	70.96 0.81 0.00	46.09 0.54 -0.87	39.12 0.45 -0.07	39.46 0.23 -0.51	33.48 0.16 0.00	28.11 0.18 0.00	25.69 0.20 0.00
SHOEMAKER___GT 23640	18.04 0.56 0.00	15.92 0.49 0.00	15.47 0.42 0.00	17.86 0.42 0.00	19.39 0.46 0.00	14.10 0.33 0.00	16.06 0.33 0.00	15.45 0.35 0.00	16.65 0.32 0.34	19.19 0.31 0.00	18.89 0.52 1.73	23.92 0.66 0.00	28.56 0.85 -0.22	34.55 1.22 -0.50	34.20 1.39 -0.44	34.51 1.44 0.00	37.55 1.85 0.00	74.32 4.18 0.00	47.31 2.63 0.00	40.70 2.10 0.00	40.51 1.80 0.00	34.82 1.50 0.00	25.01 1.22 4.14	26.47 0.98 0.00
SHOEMAKR_138KV_BK 111 55601	18.03 0.55 0.00	15.91 0.48 0.00	15.45 0.41 0.00	17.85 0.42 0.00	19.37 0.45 0.00	14.09 0.32 0.00	16.05 0.33 0.00	15.44 0.34 0.00	16.66 0.32 0.32	19.19 0.32 1.64	18.99 0.52 0.00	23.94 0.67 0.00	28.58 0.88 -0.22	34.57 1.25 -0.49	34.22 1.41 -0.43	34.53 1.46 0.00	37.57 1.87 0.00	74.36 4.21 0.00	47.31 2.63 0.00	40.69 2.10 0.00	40.50 1.79 0.00	34.80 1.48 0.00	25.21 1.20 3.92	26.46 0.97 0.00
SHOREHAM_IC_1 23715	19.12 1.64 0.00	16.88 1.45 0.00	16.37 1.32 0.00	18.75 1.31 0.00	20.33 1.40 0.00	14.87 1.10 0.00	16.87 1.14 0.00	16.34 1.24 0.00	18.30 1.21 -0.43	20.36 1.42 -0.07	32.83 1.88 -10.84	35.94 2.26 -10.41	37.45 2.80 -7.16	96.32 3.49 -59.99	76.57 3.56 -40.64	155.14 3.63 -118.43	343.02 3.99 -303.33	313.62 7.38 -236.10	367.13 4.64 -317.82	167.08 3.87 -124.61	42.58 3.87 0.00	73.82 3.50 -37.00	69.62 3.12 -38.57	28.20 2.67 -0.05

SHOREHAM_IC_2 23716	19.12 1.64 0.00	16.88 1.45 0.00	16.37 1.32 0.00	18.75 1.31 0.00	20.33 1.40 0.00	14.87 1.10 0.00	16.87 1.14 0.00	16.34 1.24 0.00	18.30 1.21 -0.43	20.36 1.42 -0.07	32.83 1.88 -10.84	35.94 2.26 -10.41	37.45 2.80 -7.16	96.32 3.49 -59.99	76.57 3.56 -40.64	155.14 3.63 -118.43	343.02 3.99 -303.33	313.62 7.38 -236.10	367.13 4.64 -317.82	167.08 3.87 -124.61	42.58 3.87 0.00	73.82 3.50 -37.00	69.62 3.12 -38.57	28.20 2.67 -0.05
SISSONVILLE____ 23735	17.10 -0.38 0.00	15.11 -0.32 0.00	14.84 -0.21 0.00	17.25 -0.19 0.00	18.73 -0.20 0.00	13.68 -0.10 0.00	15.69 -0.04 0.00	15.11 0.01 0.00	16.74 0.07 0.00	18.94 0.07 0.00	19.96 -0.14 0.00	23.09 -0.18 0.00	27.23 -0.26 0.00	32.34 -0.50 0.00	31.71 -0.66 0.00	32.40 -0.68 0.00	34.78 -0.91 0.00	67.41 -2.74 0.00	43.67 -1.01 0.00	37.87 -0.73 0.00	38.13 -0.58 0.00	32.82 -0.50 0.00	27.42 -0.51 0.00	24.91 -0.58 0.00
SITHE_IND_GS1 24169	17.32 -0.16 0.00	15.26 -0.17 0.00	14.86 -0.19 0.00	17.22 -0.22 0.00	18.68 -0.25 0.00	13.57 -0.20 0.00	15.51 -0.21 0.00	14.89 -0.21 0.00	16.44 -0.22 0.00	18.66 -0.21 0.00	19.85 -0.25 0.00	22.94 -0.33 0.00	27.05 -0.44 0.00	32.34 -0.49 0.00	31.83 -0.54 0.00	32.50 -0.57 0.00	35.11 -0.59 0.00	69.07 -1.08 0.00	43.98 -0.70 0.00	37.97 -0.63 0.00	38.00 -0.71 0.00	32.68 -0.64 0.00	27.47 -0.46 0.00	25.20 -0.28 0.00
SITHE_IND_GS2 24170	17.32 -0.16 0.00	15.26 -0.17 0.00	14.86 -0.19 0.00	17.22 -0.22 0.00	18.68 -0.25 0.00	13.57 -0.20 0.00	15.51 -0.21 0.00	14.89 -0.21 0.00	16.44 -0.22 0.00	18.66 -0.21 0.00	19.85 -0.25 0.00	22.94 -0.33 0.00	27.05 -0.44 0.00	32.34 -0.49 0.00	31.83 -0.54 0.00	32.50 -0.57 0.00	35.11 -0.59 0.00	69.07 -1.08 0.00	43.98 -0.70 0.00	37.97 -0.63 0.00	38.00 -0.71 0.00	32.68 -0.64 0.00	27.47 -0.46 0.00	25.20 -0.28 0.00
SITHE_IND_GS3 24171	17.32 -0.16 0.00	15.26 -0.17 0.00	14.86 -0.19 0.00	17.22 -0.22 0.00	18.68 -0.25 0.00	13.57 -0.20 0.00	15.51 -0.21 0.00	14.89 -0.21 0.00	16.44 -0.22 0.00	18.66 -0.21 0.00	19.85 -0.25 0.00	22.94 -0.33 0.00	27.05 -0.44 0.00	32.34 -0.49 0.00	31.83 -0.54 0.00	32.50 -0.57 0.00	35.11 -0.59 0.00	69.07 -1.08 0.00	43.98 -0.70 0.00	37.97 -0.63 0.00	38.00 -0.71 0.00	32.68 -0.64 0.00	27.47 -0.46 0.00	25.20 -0.28 0.00
SITHE_IND_GS4 24172	17.32 -0.16 0.00	15.26 -0.17 0.00	14.86 -0.19 0.00	17.22 -0.22 0.00	18.68 -0.25 0.00	13.57 -0.20 0.00	15.51 -0.21 0.00	14.89 -0.21 0.00	16.44 -0.22 0.00	18.66 -0.21 0.00	19.85 -0.25 0.00	22.94 -0.33 0.00	27.05 -0.44 0.00	32.34 -0.49 0.00	31.83 -0.54 0.00	32.50 -0.57 0.00	35.11 -0.59 0.00	69.07 -1.08 0.00	43.98 -0.70 0.00	37.97 -0.63 0.00	38.00 -0.71 0.00	32.68 -0.64 0.00	27.47 -0.46 0.00	25.20 -0.28 0.00
SITHE____BATAVIA 24024	17.51 0.03 0.00	15.32 -0.11 0.00	14.82 -0.23 0.00	17.18 -0.26 0.00	18.56 -0.36 0.00	13.42 -0.35 0.00	15.43 -0.29 0.00	14.76 -0.35 0.00	16.40 -0.27 0.00	19.07 0.20 0.00	20.51 0.40 0.00	23.86 0.60 0.00	28.18 0.70 0.00	33.68 0.84 0.00	32.75 0.38 0.00	33.32 0.24 0.00	35.75 0.05 0.00	70.20 0.05 1.81	42.82 -0.04 0.16	38.62 0.18 0.07	37.64 0.00 1.07	33.39 0.07 0.00	28.18 0.24 0.00	25.90 0.41 0.00
SITHE____INDEPEND 23800	17.32 -0.16 0.00	15.26 -0.17 0.00	14.86 -0.19 0.00	17.22 -0.22 0.00	18.68 -0.25 0.00	13.57 -0.20 0.00	15.51 -0.21 0.00	14.89 -0.21 0.00	16.44 -0.22 0.00	18.66 -0.21 0.00	19.85 -0.25 0.00	22.94 -0.33 0.00	27.05 -0.44 0.00	32.34 -0.49 0.00	31.83 -0.54 0.00	32.51 -0.57 0.00	35.11 -0.59 0.00	69.07 -1.08 0.00	43.97 -0.71 0.00	37.97 -0.62 0.00	38.00 -0.71 0.00	32.68 -0.64 0.00	27.47 -0.46 0.00	25.20 -0.28 0.00
SITHE____MASSENA 23902	17.32 -0.16 0.00	15.30 -0.12 0.00	15.00 -0.05 0.00	17.42 -0.02 0.00	18.92 -0.01 0.00	13.81 0.03 0.00	15.81 0.09 0.00	15.21 0.11 0.00	16.83 0.17 0.00	19.04 0.17 0.00	20.09 -0.02 0.00	23.23 -0.03 0.00	27.44 -0.05 0.00	32.60 -0.24 0.00	32.01 -0.37 0.00	32.70 -0.38 0.00	35.05 -0.65 0.00	67.94 -2.21 0.00	43.76 -0.92 0.00	37.94 -0.66 0.00	38.27 -0.44 0.00	32.97 -0.35 0.00	27.59 -0.34 0.00	25.15 -0.34 0.00
SITHE____OGDNSBRG 24021	17.43 -0.05 0.00	15.41 -0.02 0.00	15.11 0.06 0.00	17.55 0.11 0.00	19.06 0.13 0.00	13.91 0.14 0.00	15.96 0.24 0.00	15.36 0.26 0.00	16.96 0.30 0.00	19.13 0.26 0.00	20.18 0.07 0.00	23.33 0.07 0.00	27.57 0.08 0.00	32.71 -0.13 0.00	32.09 -0.29 0.00	32.80 -0.28 0.00	35.14 -0.56 0.00	68.09 -2.06 0.00	44.30 -0.38 0.00	38.50 -0.10 0.00	38.87 0.16 0.00	33.44 0.12 0.00	27.93 0.00 0.00	25.39 -0.10 0.00
SITHE____STERLING 23777	17.79 0.31 0.00	15.67 0.25 0.00	15.28 0.23 0.00	17.70 0.26 0.00	19.18 0.26 0.00	13.96 0.19 0.00	15.98 0.25 0.00	15.37 0.26 0.00	16.95 0.29 0.00	19.23 0.36 0.00	20.53 0.42 0.00	23.79 0.52 0.00	28.07 0.59 0.00	33.64 0.81 0.00	33.14 0.77 0.00	33.94 0.86 0.00	36.82 1.12 0.00	72.74 2.60 0.00	46.48 1.80 0.00	40.17 1.57 0.00	40.11 1.40 0.00	34.42 1.10 0.00	28.77 0.84 0.00	26.16 0.67 0.00
SLEIGHT__34_KV_TB1 80719	17.92 0.44 0.00	15.73 0.30 0.00	15.24 0.19 0.00	17.68 0.24 0.00	19.16 0.23 0.00	13.91 0.14 0.00	15.93 0.21 0.00	15.27 0.16 0.00	16.90 0.23 0.00	19.33 0.46 0.00	20.70 0.59 0.00	24.10 0.84 0.00	28.44 0.95 0.00	33.99 1.15 0.00	33.42 1.05 0.00	34.25 1.17 0.00	36.99 1.29 0.00	73.08 2.93 0.00	46.60 1.93 0.00	40.13 1.53 0.00	40.04 1.33 0.00	34.40 1.08 0.00	28.84 0.90 0.00	26.32 0.83 0.00
SOUTH CAIRO____GT 23612	18.28 0.80 0.00	16.23 0.80 0.00	15.81 0.76 0.00	18.21 0.78 0.00	19.76 0.84 0.00	14.46 0.70 0.00	16.42 0.70 0.00	15.75 0.64 0.00	17.28 0.54 -0.07	19.25 0.38 0.00	20.96 0.47 -0.38	23.70 0.44 0.00	28.01 0.68 0.15	33.51 1.00 0.33	33.52 1.44 0.29	34.47 1.40 0.00	37.78 2.09 0.00	75.09 4.95 0.00	48.28 3.60 0.00	41.73 3.13 0.00	41.68 2.96 0.00	35.65 2.34 0.00	30.63 1.78 -0.92	26.87 1.39 0.00
SOUTH HAMPTN____IC 23720	19.40 1.92 0.00	17.13 1.70 0.00	16.60 1.55 0.00	19.01 1.57 0.00	20.61 1.69 0.00	15.06 1.29 0.00	17.08 1.36 0.00	16.57 1.46 0.00	18.60 1.51 -0.43	20.76 1.82 -0.07	33.29 2.35 -10.83	36.51 2.84 -10.41	38.13 3.50 -7.15	94.89 4.35 -57.70	74.44 4.43 -37.65	147.25 4.52 -109.65	330.82 5.20 -289.93	306.39 10.22 -226.02	355.36 6.43 -304.26	163.00 5.11 -119.30	43.42 4.70 0.00	74.48 4.17 -37.00	70.22 3.72 -38.57	28.71 3.18 -0.05
SOUTHDOW_I15KV_TB1 355954	17.51 0.03 0.00	15.29 -0.14 0.00	14.75 -0.30 0.00	17.04 -0.40 0.00	18.45 -0.47 0.00	13.37 -0.40 0.00	15.43 -0.29 0.00	14.83 -0.27 0.00	16.50 -0.16 0.00	19.30 0.43 0.00	20.71 0.60 0.00	24.24 0.98 0.00	28.58 1.10 0.00	34.08 1.24 0.00	33.15 0.77 0.00	33.64 0.56 0.00	36.27 0.57 0.00	71.51 1.36 0.00	43.34 0.64 1.97	39.10 0.67 0.17	37.95 0.40 1.17	33.47 0.16 0.00	28.09 0.16 0.00	25.65 0.16 0.00

SOUTHOLD_69_KV_BK 2 55809	19.77 2.29 0.00	17.44 2.01 0.00	16.90 1.85 0.00	19.34 1.90 0.00	20.95 2.02 0.00	15.32 1.55 0.00	17.37 1.64 0.00	16.86 1.76 0.00	18.97 1.88 -0.43	21.26 2.31 -0.07	33.87 2.93 -10.83	37.21 3.54 -10.41	38.93 4.30 -7.15	95.94 5.37 -57.73	75.54 5.46 -37.70	148.48 5.60 -109.80	331.94 6.15 -290.10	307.62 11.32 -226.15	356.26 7.16 -304.42	163.69 5.73 -119.36	43.90 5.18 0.00	74.82 4.51 -36.99	70.95 4.45 -38.57	29.39 3.86 -0.05
SOUTHOLD____IC 23719	19.77 2.29 0.00	17.44 2.01 0.00	16.90 1.85 0.00	19.34 1.90 0.00	20.97 2.05 0.00	15.32 1.55 0.00	17.37 1.64 0.00	16.86 1.76 0.00	18.97 1.88 -0.43	21.25 2.31 -0.07	33.87 2.93 -10.83	37.21 3.54 -10.41	38.93 4.30 -7.15	95.94 5.37 -57.73	75.53 5.46 -37.70	148.48 5.60 -109.80	331.95 6.15 -290.10	307.62 11.32 -226.15	356.26 7.16 -304.42	163.69 5.73 -119.36	43.89 5.18 0.00	74.82 4.51 -37.00	70.95 4.45 -38.57	29.40 3.86 -0.05
SPIERFLS_115KV_TB 1 80737	18.56 1.08 0.00	16.42 0.99 0.00	15.99 0.94 0.00	18.48 1.04 0.00	20.06 1.13 0.00	14.61 0.85 0.00	16.65 0.93 0.00	15.90 0.79 0.00	17.59 0.83 -0.09	19.76 0.89 0.00	21.54 0.94 -0.49	24.23 0.97 0.00	28.32 1.16 0.33	33.09 0.98 0.74	32.88 1.16 0.65	34.48 1.40 0.00	37.50 1.81 0.00	74.64 4.49 0.00	48.00 3.32 0.00	41.43 2.84 0.00	41.31 2.60 0.00	35.35 2.03 0.00	30.69 1.59 -1.17	26.76 1.27 0.00
ST LAWRENCE____ 23600	17.11 -0.37 0.00	15.11 -0.32 0.00	14.81 -0.24 0.00	17.20 -0.24 0.00	18.67 -0.25 0.00	13.62 -0.15 0.00	15.60 -0.12 0.00	15.01 -0.10 0.00	16.60 -0.06 0.00	18.78 -0.09 0.00	19.88 -0.22 0.00	23.00 -0.27 0.00	27.16 -0.32 0.00	32.27 -0.56 0.00	31.70 -0.67 0.00	32.40 -0.68 0.00	34.71 -0.99 0.00	67.70 -2.45 0.00	43.28 -1.39 0.00	37.51 -1.09 0.00	37.86 -0.85 0.00	32.61 -0.70 0.00	27.32 -0.62 0.00	24.91 -0.58 0.00
STATE_CA_115KV_115_LB 55624	17.71 0.23 0.00	15.75 0.32 0.00	15.33 0.28 0.00	17.66 0.23 0.00	19.17 0.25 0.00	14.04 0.27 0.00	15.91 0.19 0.00	15.28 0.17 0.00	16.83 0.06 -0.10	18.84 -0.03 0.00	20.73 0.11 -0.50	23.35 0.09 0.00	27.38 0.20 0.31	32.54 0.40 0.70	32.36 0.61 0.62	33.74 0.66 0.00	36.73 1.04 0.00	72.73 2.58 0.00	46.34 1.66 0.00	39.91 1.31 0.00	39.79 1.08 0.00	34.15 0.83 0.00	29.79 0.65 -1.21	25.94 0.45 0.00
STATE_ST_34_KV_LOAD 55959	17.85 0.37 0.00	15.75 0.32 0.00	15.28 0.23 0.00	17.71 0.27 0.00	19.20 0.28 0.00	13.93 0.16 0.00	15.94 0.22 0.00	15.26 0.15 0.00	16.87 0.20 0.00	19.19 0.32 0.00	20.51 0.40 0.00	23.73 0.47 0.00	28.04 0.55 0.00	33.45 0.61 0.00	32.93 0.56 0.00	33.82 0.74 0.00	36.54 0.84 0.00	72.22 2.08 0.00	46.62 1.45 -0.50	39.72 1.08 -0.04	39.97 0.96 -0.29	34.11 0.80 0.00	28.58 0.64 0.00	26.11 0.62 0.00
STATION 5_MISC_HYD 23604	17.45 -0.04 0.00	15.30 -0.13 0.00	14.84 -0.21 0.00	17.19 -0.25 0.00	18.59 -0.34 0.00	13.45 -0.32 0.00	15.43 -0.29 0.00	14.78 -0.32 0.00	16.40 -0.27 0.00	18.95 0.08 0.00	20.36 0.25 0.00	23.67 0.41 0.00	27.97 0.48 0.00	33.45 0.61 0.00	32.69 0.31 0.00	33.28 0.20 0.00	35.82 0.12 0.00	70.24 0.09 0.00	44.54 -0.14 0.00	38.56 -0.04 0.00	38.49 -0.22 0.00	33.18 -0.14 0.00	27.96 0.03 0.00	25.63 0.14 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	17.59 0.11 0.00	15.42 0.00 0.00	14.97 -0.08 0.00	17.35 -0.08 0.00	18.78 -0.14 0.00	13.62 -0.15 0.00	15.62 -0.11 0.00	14.98 -0.13 0.00	16.58 -0.08 0.00	19.07 0.20 0.00	20.44 0.33 0.00	23.75 0.49 0.00	28.05 0.57 0.00	33.56 0.73 0.00	32.90 0.53 0.00	33.59 0.51 0.00	36.25 0.56 0.00	71.41 1.26 0.00	45.34 0.66 0.00	39.16 0.56 0.00	39.05 0.34 0.00	33.61 0.29 0.00	28.25 0.31 0.00	25.83 0.35 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	17.37 -0.11 0.00	15.24 -0.19 0.00	14.78 -0.27 0.00	17.12 -0.32 0.00	18.52 -0.41 0.00	13.41 -0.36 0.00	15.37 -0.35 0.00	14.73 -0.37 0.00	16.34 -0.33 0.00	18.86 -0.01 0.00	20.26 0.15 0.00	23.56 0.29 0.00	27.83 0.35 0.00	33.30 0.46 0.00	32.56 0.19 0.00	33.17 0.10 0.00	35.73 0.03 0.00	70.10 -0.05 0.00	44.44 -0.24 0.00	38.45 -0.15 0.00	38.37 -0.34 0.00	33.07 -0.25 0.00	27.85 -0.08 0.00	25.53 0.04 0.00
STA_56____34_KV_BUS2 355983	17.37 -0.11 0.00	15.24 -0.19 0.00	14.78 -0.27 0.00	17.12 -0.32 0.00	18.52 -0.41 0.00	13.41 -0.36 0.00	15.37 -0.35 0.00	14.73 -0.37 0.00	16.34 -0.33 0.00	18.86 -0.01 0.00	20.26 0.15 0.00	23.56 0.29 0.00	27.83 0.35 0.00	33.30 0.46 0.00	32.56 0.19 0.00	33.17 0.10 0.00	35.73 0.03 0.00	70.10 -0.05 0.00	44.44 -0.24 0.00	38.45 -0.15 0.00	38.37 -0.34 0.00	33.07 -0.25 0.00	27.85 -0.08 0.00	25.53 0.04 0.00
STA_67____115KV_BK2 355882	17.41 -0.07 0.00	15.27 -0.16 0.00	14.81 -0.24 0.00	17.16 -0.28 0.00	18.56 -0.36 0.00	13.43 -0.34 0.00	15.41 -0.32 0.00	14.75 -0.35 0.00	16.37 -0.30 0.00	18.91 0.04 0.00	20.31 0.20 0.00	23.61 0.35 0.00	27.89 0.41 0.00	33.34 0.50 0.00	32.58 0.20 0.00	33.18 0.10 0.00	35.71 0.01 0.00	69.99 -0.16 0.00	44.39 -0.29 0.00	38.42 -0.17 0.00	38.36 -0.35 0.00	33.08 -0.24 0.00	27.88 -0.05 0.00	25.57 0.08 0.00
STA_7____115KV_9TRANS 80674	17.52 0.04 0.00	15.37 -0.06 0.00	14.90 -0.15 0.00	17.26 -0.18 0.00	18.67 -0.26 0.00	13.51 -0.26 0.00	15.49 -0.23 0.00	14.84 -0.26 0.00	16.46 -0.20 0.00	19.03 0.16 0.00	20.46 0.35 0.00	23.81 0.54 0.00	28.14 0.66 0.00	33.66 0.82 0.00	32.92 0.55 0.00	33.52 0.44 0.00	36.11 0.42 0.00	70.83 0.68 0.00	44.90 0.22 0.00	38.86 0.26 0.00	38.79 0.08 0.00	33.42 0.10 0.00	28.15 0.22 0.00	25.80 0.31 0.00
STA_82____115KV_TB1 80780	17.42 -0.06 0.00	15.28 -0.15 0.00	14.82 -0.23 0.00	17.17 -0.27 0.00	18.57 -0.36 0.00	13.44 -0.33 0.00	15.41 -0.31 0.00	14.76 -0.34 0.00	16.38 -0.29 0.00	18.92 0.05 0.00	20.32 0.21 0.00	23.63 0.36 0.00	27.91 0.42 0.00	33.36 0.52 0.00	32.60 0.23 0.00	33.19 0.11 0.00	35.73 0.03 0.00	70.05 -0.10 0.00	44.43 -0.25 0.00	38.45 -0.15 0.00	38.39 -0.33 0.00	33.11 -0.21 0.00	27.89 -0.03 0.00	25.58 0.09 0.00
STEEL____WIND 323596	17.19 -0.29 0.00	15.02 -0.41 0.00	14.52 -0.53 0.00	16.82 -0.61 0.00	18.18 -0.75 0.00	13.14 -0.63 0.00	15.13 -0.59 0.00	14.48 -0.63 0.00	16.11 -0.56 0.00	18.82 -0.05 0.00	20.26 0.15 0.00	23.65 0.38 0.00	27.85 0.37 0.00	33.26 0.43 0.00	32.23 -0.14 0.00	32.78 -0.30 0.00	35.10 -0.59 0.00	68.46 -1.69 0.00	39.73 -1.34 3.60	37.29 -0.99 0.31	35.39 -1.19 2.13	32.38 -0.94 0.00	27.36 -0.57 0.00	25.16 -0.33 0.00
STEPHTWN_115KV_BK_2 55603	17.80 0.31 0.00	15.78 0.35 0.00	15.34 0.30 0.00	17.69 0.25 0.00	19.20 0.28 0.00	14.06 0.29 0.00	15.96 0.23 0.00	15.35 0.25 0.00	16.89 0.13 -0.10	18.94 0.07 0.00	20.83 0.21 -0.51	23.51 0.25 0.00	27.56 0.38 0.31	32.79 0.64 0.68	32.58 0.82 0.61	34.02 0.94 0.00	37.08 1.38 0.00	73.29 3.13 0.00	46.69 2.01 0.00	40.14 1.54 0.00	40.12 1.41 0.00	34.37 1.05 0.00	29.91 0.76 -1.22	26.04 0.55 0.00

STEUBEN_REC_LFGE 323667	16.98 -0.50 0.00	14.81 -0.62 0.00	14.31 -0.73 0.00	16.52 -0.92 0.00	17.94 -0.99 0.00	13.07 -0.70 0.00	15.13 -0.59 0.00	14.53 -0.57 0.00	16.18 -0.48 0.00	18.78 -0.09 0.00	20.23 0.13 0.00	23.62 0.36 0.00	27.75 0.27 0.00	33.23 0.39 0.00	32.41 0.04 0.00	32.91 -0.17 0.00	35.63 -0.06 0.00	70.18 0.04 0.00	52.79 0.09 -8.01	39.36 0.07 -0.69	43.29 -0.16 -4.74	33.21 -0.11 0.00	27.58 -0.35 0.00	24.92 -0.57 0.00
STONY__BROOK 24151	18.93 1.45 0.00	16.73 1.30 0.00	16.23 1.18 0.00	18.59 1.15 0.00	20.16 1.23 0.00	14.74 0.97 0.00	16.73 1.00 0.00	16.20 1.09 0.00	18.13 1.04 -0.43	20.17 1.22 -0.07	32.64 1.69 -10.85	35.75 2.08 -10.41	37.32 2.59 -7.24	110.98 3.24 -74.90	93.48 3.29 -57.82	205.79 3.26 -169.46	429.10 3.91 -389.50	379.47 7.81 -301.51	455.42 4.88 -405.86	201.46 3.73 -159.14	42.04 3.33 0.00	73.42 3.10 -37.00	69.31 2.81 -38.57	27.96 2.42 -0.05
STURGEON_POOL_HYD 23609	18.12 0.64 0.00	15.95 0.52 0.00	15.47 0.42 0.00	17.91 0.47 0.00	19.43 0.51 0.00	14.12 0.35 0.00	16.09 0.37 0.00	15.48 0.38 0.00	17.06 0.40 0.00	19.29 0.42 0.00	20.78 0.68 0.00	24.16 0.89 0.00	28.80 1.22 -0.10	34.78 1.71 -0.23	34.46 1.89 -0.20	34.99 1.91 0.00	38.09 2.39 0.00	75.40 5.25 0.00	47.89 3.21 0.00	41.12 2.52 0.00	40.86 2.14 0.00	35.10 1.78 0.00	29.39 1.46 0.00	26.67 1.18 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.11 0.63 0.00	15.97 0.54 0.00	15.49 0.44 0.00	17.90 0.46 0.00	19.43 0.50 0.00	14.13 0.36 0.00	16.10 0.37 0.00	15.49 0.39 0.00	16.65 0.38 0.40	19.25 0.39 0.00	18.71 0.64 2.03	24.09 0.82 0.00	28.80 1.08 -0.23	34.87 1.52 -0.52	34.54 1.71 -0.46	34.83 1.75 0.00	37.91 2.21 0.00	75.04 4.89 0.00	47.70 3.02 0.00	40.98 2.38 0.00	40.74 2.02 0.00	35.00 1.68 0.00	24.44 1.36 4.86	26.60 1.11 0.00
SWANROAD_115KV_TB1 355699	16.73 -0.75 0.00	14.65 -0.78 0.00	14.17 -0.88 0.00	16.44 -1.00 0.00	17.76 -1.17 0.00	12.81 -0.96 0.00	14.74 -0.98 0.00	14.08 -1.03 0.00	15.68 -0.98 0.00	18.38 -0.50 0.00	19.79 -0.32 0.00	23.03 -0.24 0.00	27.12 -0.36 0.00	32.29 -0.55 0.00	31.24 -1.14 0.00	31.74 -1.34 0.00	33.90 -1.80 0.00	65.86 -4.29 0.00	38.99 -2.94 2.74	36.08 -2.28 0.24	34.70 -2.39 1.62	31.39 -1.92 0.00	26.60 -1.34 0.00	24.61 -0.88 0.00
SYNERGY__BIOGAS 323694	17.51 0.03 0.00	15.32 -0.11 0.00	14.82 -0.23 0.00	17.18 -0.26 0.00	18.56 -0.36 0.00	13.42 -0.35 0.00	15.43 -0.29 0.00	14.76 -0.35 0.00	16.40 -0.27 0.00	19.07 0.20 0.00	20.51 0.40 0.00	23.86 0.60 0.00	28.18 0.70 0.00	33.68 0.84 0.00	32.75 0.38 0.00	33.32 0.24 0.00	35.75 0.05 0.00	70.20 0.05 0.00	42.82 -0.04 1.81	38.62 0.18 0.16	37.64 0.00 1.07	33.39 0.07 0.00	28.18 0.24 0.00	25.90 0.41 0.00
SYRACUSE__ENERGY_ST1 323597	17.70 0.22 0.00	15.57 0.14 0.00	15.15 0.10 0.00	17.56 0.12 0.00	19.03 0.10 0.00	13.83 0.06 0.00	15.81 0.09 0.00	15.18 0.07 0.00	16.76 0.09 0.00	19.05 0.18 0.00	20.31 0.21 0.00	23.53 0.27 0.00	27.77 0.28 0.00	33.25 0.41 0.00	32.71 0.34 0.00	33.46 0.38 0.00	36.20 0.50 0.00	71.34 1.19 0.00	45.42 0.74 0.00	39.17 0.57 0.00	39.13 0.42 0.00	33.64 0.32 0.00	28.23 0.30 0.00	25.86 0.37 0.00
SYRACUSE__ENERGY_ST2 323598	17.70 0.22 0.00	15.57 0.14 0.00	15.15 0.10 0.00	17.56 0.12 0.00	19.03 0.10 0.00	13.83 0.06 0.00	15.81 0.09 0.00	15.18 0.07 0.00	16.76 0.09 0.00	19.05 0.18 0.00	20.31 0.21 0.00	23.53 0.27 0.00	27.77 0.28 0.00	33.25 0.41 0.00	32.71 0.34 0.00	33.46 0.38 0.00	36.20 0.50 0.00	71.34 1.19 0.00	45.42 0.74 0.00	39.17 0.57 0.00	39.13 0.42 0.00	33.64 0.32 0.00	28.23 0.30 0.00	25.86 0.37 0.00
SYRACUSE__POWER 24017	17.67 0.19 0.00	15.54 0.11 0.00	15.13 0.08 0.00	17.52 0.08 0.00	18.99 0.06 0.00	13.80 0.03 0.00	15.78 0.06 0.00	15.15 0.04 0.00	16.72 0.06 0.00	19.00 0.13 0.00	20.27 0.16 0.00	23.49 0.22 0.00	27.71 0.23 0.00	33.21 0.37 0.00	32.66 0.29 0.00	33.37 0.29 0.00	36.12 0.42 0.00	71.19 1.04 0.00	45.31 0.64 0.00	39.12 0.53 0.00	39.07 0.36 0.00	33.58 0.26 0.00	28.19 0.26 0.00	25.82 0.33 0.00
TALLMAN__138KV_BK151 55660	18.20 0.72 0.00	16.04 0.61 0.00	15.55 0.50 0.00	17.95 0.52 0.00	19.49 0.57 0.00	14.18 0.41 0.00	16.14 0.42 0.00	15.55 0.44 0.00	16.55 0.43 0.55	19.32 0.44 0.00	18.04 0.73 2.79	24.22 0.96 0.00	29.00 1.26 -0.25	35.17 1.77 -0.56	34.84 1.97 -0.50	35.06 1.98 0.00	38.17 2.48 0.00	75.61 5.46 0.00	48.03 3.35 0.00	41.23 2.63 0.00	40.95 2.23 0.00	35.17 1.85 0.00	22.77 1.52 6.68	26.73 1.24 0.00
TEALLAVE_115KV_TB7 355573	17.60 0.12 0.00	15.48 0.05 0.00	15.07 0.02 0.00	17.45 0.01 0.00	18.92 -0.01 0.00	13.74 -0.03 0.00	15.71 -0.01 0.00	15.09 -0.02 0.00	16.66 -0.01 0.00	18.93 0.06 0.00	20.20 0.09 0.00	23.40 0.13 0.00	27.61 0.12 0.00	33.06 0.23 0.00	32.51 0.13 0.00	33.19 0.11 0.00	35.91 0.21 0.00	70.72 0.57 0.00	45.01 0.33 0.00	38.85 0.25 0.00	38.82 0.10 0.00	33.36 0.04 0.00	28.03 0.10 0.00	25.70 0.22 0.00
TELGRAPH_34_KV_EAST 80808	17.15 -0.33 0.00	15.01 -0.42 0.00	14.52 -0.53 0.00	16.84 -0.60 0.00	18.19 -0.73 0.00	13.14 -0.63 0.00	15.11 -0.61 0.00	14.44 -0.66 0.00	16.08 -0.58 0.00	18.80 -0.07 0.00	20.24 0.14 0.00	23.57 0.30 0.00	27.79 0.30 0.00	33.14 0.30 0.00	32.13 -0.24 0.00	32.67 -0.41 0.00	34.98 -0.72 0.00	68.24 -1.91 0.00	41.00 -1.42 2.26	37.40 -1.01 0.20	36.22 -1.15 1.34	32.44 -0.88 0.00	27.43 -0.50 0.00	25.28 -0.20 0.00
TEMPLE__115KV_TB 2 55572	17.61 0.13 0.00	15.49 0.06 0.00	15.08 0.03 0.00	17.46 0.03 0.00	18.92 0.00 0.00	13.75 -0.02 0.00	15.72 0.00 0.00	15.10 0.00 0.00	16.66 0.00 0.00	18.95 0.08 0.00	20.21 0.10 0.00	23.42 0.15 0.00	27.63 0.14 0.00	33.09 0.25 0.00	32.54 0.16 0.00	33.23 0.15 0.00	35.94 0.24 0.00	70.79 0.64 0.00	45.04 0.36 0.00	38.89 0.29 0.00	38.85 0.13 0.00	33.39 0.07 0.00	28.05 0.12 0.00	25.72 0.23 0.00
TIANA____69_KV_BK 1 55817	19.31 1.83 0.00	17.04 1.61 0.00	16.53 1.48 0.00	18.93 1.49 0.00	20.50 1.58 0.00	15.00 1.23 0.00	17.01 1.29 0.00	16.49 1.39 0.00	18.50 1.41 -0.43	20.64 1.70 -0.07	33.15 2.21 -10.83	36.34 2.67 -10.41	37.93 3.30 -7.15	94.66 4.11 -57.72	74.25 4.19 -37.69	147.11 4.26 -109.78	330.69 4.93 -290.07	305.98 9.71 -226.12	355.17 6.10 -304.39	162.79 4.84 -119.35	43.18 4.47 0.00	74.28 3.97 -36.99	70.04 3.54 -38.57	28.55 3.02 -0.05
TILDEN__115KV_TB1 80814	17.67 0.19 0.00	15.54 0.11 0.00	15.13 0.08 0.00	17.52 0.08 0.00	18.99 0.06 0.00	13.80 0.03 0.00	15.78 0.06 0.00	15.15 0.04 0.00	16.72 0.06 0.00	19.00 0.13 0.00	20.27 0.16 0.00	23.49 0.22 0.00	27.71 0.23 0.00	33.21 0.37 0.00	32.66 0.29 0.00	33.37 0.29 0.00	36.12 0.42 0.00	71.19 1.04 0.00	45.31 0.64 0.00	39.12 0.53 0.00	39.07 0.36 0.00	33.58 0.26 0.00	28.19 0.26 0.00	25.82 0.33 0.00

TRIGEN___CC 323695	18.52 1.04 0.00	16.34 0.92 0.00	15.85 0.80 0.00	18.23 0.79 0.00	19.77 0.85 0.00	14.45 0.68 0.00	16.40 0.68 0.00	15.85 0.75 0.00	17.79 0.70 -0.43	19.74 0.79 -0.07	33.98 1.17 -12.70	35.10 1.43 -10.41	36.14 1.77 -6.89	41.35 2.31 -6.20	38.44 2.47 -3.59	35.61 2.53 0.00	40.97 3.09 -2.19	76.54 6.39 0.00	48.61 3.93 0.00	41.68 3.08 0.00	41.46 2.74 0.00	72.83 2.52 -36.99	68.69 2.19 -38.57	27.38 1.85 -0.05
TRINITY___115KV___4 BK 55933	17.63 0.15 0.00	15.68 0.25 0.00	15.27 0.22 0.00	17.59 0.15 0.00	19.10 0.18 0.00	13.99 0.21 0.00	15.86 0.13 0.00	15.22 0.11 0.00	16.75 -0.01 -0.10	18.75 -0.12 0.00	20.62 0.00 -0.51	23.22 -0.04 0.00	27.21 0.03 0.31	32.33 0.18 0.69	32.15 0.39 0.61	33.51 0.44 0.00	36.48 0.78 0.00	72.21 2.06 0.00	46.03 1.35 0.00	39.64 1.05 0.00	39.55 0.83 0.00	33.94 0.63 0.00	29.63 0.48 -1.22	25.80 0.32 0.00
UNION___PROCESSING_DRP 323587	17.42 -0.06 0.00	15.28 -0.15 0.00	14.82 -0.23 0.00	17.17 -0.27 0.00	18.58 -0.35 0.00	13.44 -0.33 0.00	15.41 -0.31 0.00	14.77 -0.34 0.00	16.38 -0.28 0.00	18.92 0.05 0.00	20.32 0.22 0.00	23.64 0.37 0.00	27.92 0.44 0.00	33.37 0.53 0.00	32.61 0.23 0.00	33.21 0.13 0.00	35.74 0.05 0.00	70.06 -0.09 0.00	44.44 -0.24 0.00	38.47 -0.12 0.00	38.40 -0.31 0.00	33.11 -0.20 0.00	27.91 -0.02 0.00	25.59 0.10 0.00
UPPER HUDSON___HYD 24058	18.56 1.08 0.00	16.42 0.99 0.00	15.99 0.94 0.00	18.48 1.04 0.00	20.06 1.14 0.00	14.61 0.85 0.00	16.65 0.93 0.00	15.90 0.79 0.00	17.59 0.83 -0.09	19.76 0.89 0.00	21.54 0.94 -0.49	24.23 0.97 0.00	28.32 1.16 0.33	33.09 0.98 0.74	32.87 1.15 0.65	34.48 1.40 0.00	37.50 1.81 0.00	74.64 4.49 0.00	48.00 3.32 0.00	41.43 2.84 0.00	41.31 2.60 0.00	35.35 2.03 0.00	30.69 1.59 -1.17	26.76 1.27 0.00
UPPER RAQUET___HYD 24056	17.10 -0.38 0.00	15.11 -0.32 0.00	14.84 -0.21 0.00	17.25 -0.19 0.00	18.72 -0.20 0.00	13.68 -0.10 0.00	15.69 -0.04 0.00	15.11 0.01 0.00	16.74 0.07 0.00	18.94 0.07 0.00	19.96 -0.14 0.00	23.08 -0.18 0.00	27.22 -0.26 0.00	32.34 -0.49 0.00	31.71 -0.66 0.00	32.40 -0.68 0.00	34.79 -0.91 0.00	67.41 -2.74 0.00	43.67 -1.01 0.00	37.87 -0.73 0.00	38.13 -0.58 0.00	32.82 -0.50 0.00	27.42 -0.51 0.00	24.91 -0.58 0.00
VALLEY44_115KV_TB2 355964	17.40 -0.08 0.00	15.15 -0.28 0.00	14.69 -0.36 0.00	17.01 -0.43 0.00	18.42 -0.51 0.00	13.30 -0.47 0.00	15.34 -0.39 0.00	14.70 -0.40 0.00	16.28 -0.38 0.00	18.89 0.02 0.00	20.28 0.17 0.00	23.62 0.36 0.00	27.76 0.28 0.00	33.22 0.38 0.00	32.40 0.03 0.00	32.98 -0.10 0.00	35.53 -0.17 0.00	69.74 -0.41 0.00	42.68 -0.52 1.48	38.05 -0.42 0.13	37.23 -0.61 0.87	32.84 -0.48 0.00	27.65 -0.29 0.00	25.30 -0.19 0.00
VALLEY___115KV_TB 1-4 80826	17.39 -0.09 0.00	15.35 -0.08 0.00	14.97 -0.08 0.00	17.34 -0.10 0.00	18.81 -0.11 0.00	13.73 -0.04 0.00	15.64 -0.09 0.00	15.00 -0.11 0.00	16.46 -0.20 0.00	18.58 -0.29 0.00	19.86 -0.25 0.00	22.95 -0.31 0.00	27.19 -0.30 0.00	32.55 -0.29 0.00	32.28 -0.09 0.00	33.05 -0.02 0.00	35.97 0.27 0.00	71.70 1.55 0.00	45.71 1.03 0.00	39.45 0.86 0.00	39.47 0.76 0.00	33.84 0.52 0.00	28.22 0.29 0.00	25.60 0.11 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.03 0.55 0.00	15.88 0.45 0.00	15.48 0.43 0.00	17.93 0.49 0.00	19.44 0.52 0.00	14.11 0.34 0.00	16.10 0.38 0.00	15.48 0.37 0.00	17.09 0.43 0.00	19.42 0.55 0.00	20.80 0.70 0.00	24.11 0.84 0.00	28.51 1.03 0.00	34.16 1.32 0.00	33.71 1.34 0.00	34.46 1.38 0.00	37.34 1.64 0.00	73.70 3.56 0.00	46.93 2.25 0.00	40.47 1.87 0.00	40.41 1.70 0.00	34.70 1.38 0.00	29.04 1.11 0.00	26.42 0.93 0.00
VISCHER___FERRY HYD 24020	17.93 0.45 0.00	15.90 0.47 0.00	15.47 0.43 0.00	17.89 0.45 0.00	19.44 0.51 0.00	14.17 0.40 0.00	16.12 0.39 0.00	15.43 0.33 0.00	17.06 0.29 -0.10	19.07 0.20 0.00	20.95 0.33 -0.52	23.56 0.30 0.00	27.48 0.43 0.43	32.48 0.60 0.96	32.32 0.79 0.85	33.95 0.87 0.00	36.96 1.27 0.00	73.29 3.14 0.00	46.78 2.10 0.00	40.30 1.70 0.00	40.20 1.48 0.00	34.48 1.16 0.00	30.10 0.93 -1.24	26.21 0.72 0.00
V_A_10_SYNC_DSASP 323832	17.04 -0.44 0.00	14.92 -0.51 0.00	14.45 -0.60 0.00	16.76 -0.68 0.00	18.11 -0.82 0.00	13.09 -0.68 0.00	15.03 -0.69 0.00	14.38 -0.72 0.00	15.98 -0.68 0.00	18.60 -0.27 0.00	20.01 -0.10 0.00	23.25 -0.01 0.00	27.40 -0.08 0.00	32.69 -0.15 0.00	31.75 -0.62 0.00	32.27 -0.81 0.00	34.59 -1.11 0.00	67.50 -2.65 0.00	40.95 -1.95 1.78	36.92 -1.52 0.15	35.94 -1.71 1.06	32.00 -1.32 0.00	27.09 -0.84 0.00	24.90 -0.59 0.00
V_CMM_10_SYNC_DSASP 323787	17.18 -0.30 0.00	15.17 -0.25 0.00	14.87 -0.18 0.00	17.27 -0.17 0.00	18.75 -0.17 0.00	13.68 -0.09 0.00	15.67 -0.06 0.00	15.07 -0.04 0.00	16.67 0.01 0.00	18.87 0.00 0.00	19.97 -0.13 0.00	23.10 -0.16 0.00	27.29 -0.19 0.00	32.42 -0.42 0.00	31.84 -0.53 0.00	32.54 -0.54 0.00	34.87 -0.83 0.00	68.02 -2.13 0.00	43.47 -1.21 0.00	37.68 -0.92 0.00	38.03 -0.68 0.00	32.75 -0.57 0.00	27.43 -0.51 0.00	25.01 -0.48 0.00
V_CMP_10_SYNC_DSASP 323788	16.98 -0.50 0.00	15.09 -0.34 0.00	14.94 -0.11 0.00	17.43 0.00 0.00	19.02 0.10 0.00	13.89 0.12 0.00	15.89 0.16 0.00	15.21 0.11 0.00	16.84 0.18 0.00	19.13 0.26 0.00	20.42 0.32 0.00	23.61 0.35 0.00	27.93 0.45 0.00	33.18 0.34 0.00	32.59 0.22 0.00	33.32 0.24 0.00	35.83 0.13 0.00	70.56 0.41 0.00	45.06 0.38 0.00	38.96 0.36 0.00	39.01 0.29 0.00	33.05 -0.27 0.00	27.63 -0.31 0.00	25.18 -0.31 0.00
V_E_10_SYNC_DSASP 323830	18.58 1.10 0.00	16.35 0.92 0.00	15.93 0.88 0.00	18.40 0.96 0.00	19.90 0.97 0.00	14.48 0.71 0.00	16.64 0.92 0.00	16.01 0.90 0.00	17.65 0.99 0.00	19.98 1.11 0.00	21.32 1.22 0.00	24.76 1.49 0.00	29.16 1.68 0.00	35.03 2.20 0.00	34.54 2.17 0.00	35.39 2.31 0.00	38.73 3.03 0.00	77.16 7.02 0.00	50.10 4.82 -0.60	42.92 4.27 -0.05	43.05 3.98 -0.36	36.29 2.97 0.00	30.31 2.38 0.00	27.27 1.79 0.00
V_F_30_NSYNC___DSASP 323816	18.32 0.84 0.00	16.20 0.77 0.00	15.77 0.72 0.00	18.24 0.80 0.00	19.80 0.88 0.00	14.43 0.65 0.00	16.42 0.70 0.00	15.73 0.63 0.00	17.39 0.63 -0.10	19.51 0.64 0.00	21.36 0.76 -0.49	24.10 0.83 0.00	28.21 1.07 0.34	33.31 1.24 0.77	33.10 1.41 0.68	34.61 1.53 0.00	37.67 1.97 0.00	74.81 4.66 0.00	47.81 3.13 0.00	41.20 2.60 0.00	41.09 2.38 0.00	35.21 1.90 0.00	30.61 1.50 -1.18	26.71 1.23 0.00
V_F_30_SYNC_DSASP 323786	17.71 0.23 0.00	15.75 0.32 0.00	15.33 0.28 0.00	17.66 0.22 0.00	19.17 0.25 0.00	14.04 0.27 0.00	15.91 0.19 0.00	15.28 0.17 0.00	16.83 0.06 -0.10	18.84 -0.03 0.00	20.73 0.11 -0.51	23.35 0.09 0.00	27.37 0.20 0.31	32.53 0.40 0.70	32.35 0.60 0.62	33.74 0.66 0.00	36.73 1.03 0.00	72.70 2.55 0.00	46.34 1.66 0.00	39.89 1.29 0.00	39.79 1.08 0.00	34.15 0.83 0.00	29.78 0.64 -1.21	25.94 0.45 0.00

V_XM10_SYNC_DSASP 323789	16.98 -0.50 0.00	15.09 -0.34 0.00	14.94 -0.11 0.00	17.43 0.00 0.00	19.02 0.10 0.00	13.89 0.12 0.00	15.89 0.16 0.00	15.21 0.11 0.00	16.84 0.18 0.00	19.13 0.26 0.00	20.42 0.32 0.00	23.61 0.35 0.00	27.93 0.45 0.00	33.18 0.34 0.00	32.59 0.22 0.00	33.32 0.24 0.00	35.83 0.13 0.00	70.56 0.41 0.00	45.06 0.38 0.00	38.96 0.36 0.00	39.01 0.29 0.00	33.05 -0.27 0.00	27.63 -0.31 0.00	25.18 -0.31 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	18.25 0.77 0.00	16.09 0.66 0.00	15.60 0.55 0.00	18.01 0.57 0.00	19.55 0.62 0.00	14.22 0.45 0.00	16.20 0.47 0.00	15.60 0.49 0.00	16.57 0.49 0.58	19.38 0.52 0.00	17.91 0.80 2.99	24.31 1.04 0.00	29.10 1.37 -0.26	35.30 1.89 -0.57	34.97 2.09 -0.51	35.20 2.12 0.00	38.34 2.65 0.00	75.92 5.77 0.00	48.23 3.56 0.00	41.41 2.81 0.00	41.11 2.40 0.00	35.31 1.99 0.00	22.42 1.63 7.15	26.83 1.35 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.37 0.89 0.00	16.20 0.77 0.00	15.71 0.66 0.00	18.10 0.66 0.00	19.64 0.72 0.00	14.31 0.54 0.00	16.29 0.57 0.00	15.72 0.61 0.00	17.72 0.62 -0.43	19.53 0.66 0.00	23.27 0.95 -2.22	24.48 1.22 0.00	29.33 1.57 -0.28	35.56 2.09 -0.63	35.21 2.28 -0.56	35.41 2.33 0.00	38.56 2.86 0.00	76.24 6.09 0.00	48.42 3.74 0.00	41.59 2.99 0.00	41.30 2.59 0.00	35.57 2.26 0.00	35.13 1.89 -5.30	27.07 1.58 0.00
W50THST__13_KV_LOAD 356117	18.46 0.98 0.00	16.29 0.86 0.00	15.79 0.74 0.00	18.18 0.74 0.00	19.73 0.80 0.00	14.38 0.61 0.00	16.37 0.65 0.00	15.80 0.69 0.00	17.81 0.71 -0.43	19.63 0.76 0.00	23.40 1.07 -2.22	24.65 1.38 0.00	29.53 1.76 -0.28	35.80 2.33 -0.63	35.46 2.53 -0.56	35.66 2.58 0.00	38.83 3.14 0.00	76.75 6.60 0.00	48.74 4.06 0.00	41.86 3.27 0.00	41.58 2.86 0.00	35.79 2.48 0.00	35.32 2.08 -5.30	27.22 1.73 0.00
WADING RIVER_IC_1 23522	19.12 1.64 0.00	16.88 1.45 0.00	16.37 1.32 0.00	18.75 1.32 0.00	20.33 1.41 0.00	14.87 1.10 0.00	16.86 1.14 0.00	16.34 1.24 0.00	18.31 1.21 -0.43	20.37 1.43 -0.07	32.83 1.89 -10.83	35.96 2.29 -10.41	37.46 2.83 -7.15	93.94 3.53 -57.57	73.33 3.58 -37.37	145.60 3.65 -108.87	329.07 4.24 -289.13	303.97 8.35 -225.46	353.43 5.25 -303.50	161.78 4.17 -119.00	42.59 3.87 0.00	73.82 3.51 -37.00	69.64 3.13 -38.57	28.21 2.68 -0.05
WADING RIVER_IC_2 23547	19.12 1.64 0.00	16.88 1.45 0.00	16.37 1.32 0.00	18.75 1.32 0.00	20.33 1.41 0.00	14.87 1.10 0.00	16.86 1.14 0.00	16.34 1.24 0.00	18.31 1.21 -0.43	20.37 1.43 -0.07	32.83 1.89 -10.83	35.96 2.29 -10.41	37.46 2.83 -7.15	93.94 3.53 -57.57	73.33 3.58 -37.37	145.60 3.65 -108.87	329.07 4.24 -289.13	303.97 8.35 -225.46	353.43 5.25 -303.50	161.78 4.17 -119.00	42.59 3.87 0.00	73.82 3.51 -37.00	69.64 3.13 -38.57	28.21 2.68 -0.05
WADING RIVER_IC_3 23601	19.12 1.64 0.00	16.88 1.45 0.00	16.37 1.32 0.00	18.75 1.32 0.00	20.33 1.41 0.00	14.87 1.10 0.00	16.86 1.14 0.00	16.34 1.24 0.00	18.31 1.21 -0.43	20.37 1.43 -0.07	32.83 1.89 -10.83	35.96 2.29 -10.41	37.46 2.83 -7.15	93.94 3.53 -57.57	73.33 3.58 -37.37	145.60 3.65 -108.87	329.07 4.24 -289.13	303.97 8.35 -225.46	353.43 5.25 -303.50	161.78 4.17 -119.00	42.59 3.87 0.00	73.82 3.51 -37.00	69.64 3.13 -38.57	28.21 2.68 -0.05
WALDENNY_12_KV_BK2 80841	17.20 -0.28 0.00	15.03 -0.40 0.00	14.53 -0.52 0.00	16.85 -0.59 0.00	18.21 -0.72 0.00	13.15 -0.62 0.00	15.14 -0.58 0.00	14.49 -0.62 0.00	16.12 -0.54 0.00	18.86 -0.02 0.00	20.32 0.21 0.00	23.70 0.44 0.00	27.92 0.44 0.00	33.33 0.49 0.00	32.30 -0.07 0.00	32.86 -0.21 0.00	35.19 -0.50 0.00	68.57 -1.58 0.00	39.90 -1.27 3.51	37.36 -0.94 0.30	35.51 -1.13 2.08	32.45 -0.87 0.00	27.42 -0.51 0.00	25.23 -0.26 0.00
WALDEN__HYDRO 24148	18.26 0.78 0.00	16.09 0.66 0.00	15.62 0.57 0.00	18.04 0.60 0.00	19.57 0.64 0.00	14.23 0.46 0.00	16.21 0.48 0.00	15.60 0.49 0.00	17.05 0.49 0.10	19.36 0.49 0.00	20.33 0.73 0.51	24.20 0.93 0.00	28.91 1.22 -0.21	35.02 1.71 -0.47	34.72 1.94 -0.41	35.09 2.02 0.00	38.21 2.52 0.00	75.79 5.65 0.00	48.28 3.60 0.00	41.51 2.92 0.00	41.27 2.56 0.00	35.43 2.11 0.00	28.42 1.70 1.21	26.87 1.38 0.00
WARRENSBURG____ 23737	18.56 1.08 0.00	16.42 0.99 0.00	15.99 0.94 0.00	18.48 1.04 0.00	20.06 1.14 0.00	14.61 0.85 0.00	16.65 0.93 0.00	15.90 0.79 0.00	17.59 0.83 -0.09	19.76 0.89 0.00	21.54 0.94 -0.49	24.23 0.97 0.00	28.32 1.16 0.33	33.09 0.98 0.74	32.87 1.15 0.65	34.48 1.40 0.00	37.50 1.81 0.00	74.64 4.49 0.00	48.00 3.32 0.00	41.43 2.84 0.00	41.31 2.60 0.00	35.35 2.03 0.00	30.69 1.59 -1.17	26.76 1.27 0.00
WATERSIDE____6 8 9 23538	18.38 0.90 0.00	16.22 0.79 0.00	15.71 0.67 0.00	18.09 0.65 0.00	19.63 0.71 0.00	14.31 0.54 0.00	16.30 0.57 0.00	15.72 0.61 0.00	17.71 0.61 -0.43	19.51 0.64 0.00	23.27 0.94 -2.22	24.49 1.23 0.00	29.34 1.58 -0.28	35.58 2.12 -0.63	35.24 2.31 -0.56	35.40 2.33 0.00	38.54 2.84 0.00	76.16 6.01 0.00	48.42 3.74 0.00	41.59 2.99 0.00	41.30 2.59 0.00	35.58 2.26 0.00	35.14 1.91 -5.30	27.11 1.62 0.00
WATKINRD_115KV_LN8_ILLION 55919	17.43 -0.05 0.00	15.39 -0.04 0.00	15.01 -0.04 0.00	17.37 -0.06 0.00	18.85 -0.07 0.00	13.74 -0.03 0.00	15.65 -0.07 0.00	15.02 -0.08 0.00	16.52 -0.15 0.00	18.67 -0.20 0.00	19.93 -0.18 0.00	23.04 -0.22 0.00	27.26 -0.22 0.00	32.65 -0.19 0.00	32.31 -0.06 0.00	33.06 -0.02 0.00	35.93 0.23 0.00	71.29 1.14 0.00	45.44 0.76 0.00	39.23 0.64 0.00	39.24 0.53 0.00	33.68 0.37 0.00	28.15 0.21 0.00	25.57 0.08 0.00
WATSON__69_KV_BK 1 55734	19.10 1.62 0.00	16.84 1.42 0.00	16.33 1.28 0.00	18.73 1.29 0.00	20.29 1.37 0.00	14.86 1.08 0.00	16.85 1.13 0.00	16.31 1.21 0.00	18.27 1.18 -0.43	20.32 1.38 -0.07	32.90 1.85 -10.95	35.96 2.29 -10.41	37.34 2.84 -7.02	68.43 3.51 -32.08	57.21 3.56 -21.28	93.25 3.56 -56.61	186.92 4.22 -147.01	192.19 8.46 -113.58	202.86 5.28 -152.89	102.70 4.15 -59.95	42.53 3.82 0.00	73.89 3.58 -36.99	69.66 3.16 -38.57	28.22 2.69 -0.05
WDELAWARE__HYD 323627	17.97 0.49 0.00	15.83 0.40 0.00	15.36 0.31 0.00	17.74 0.30 0.00	19.25 0.33 0.00	13.99 0.22 0.00	15.95 0.22 0.00	15.35 0.25 0.00	16.85 0.25 0.06	19.13 0.26 0.00	20.25 0.46 0.32	23.91 0.64 0.00	28.48 0.86 -0.13	34.41 1.27 -0.30	34.03 1.39 -0.27	34.62 1.55 0.00	37.69 1.99 0.00	74.85 4.70 0.00	47.76 3.08 0.00	41.01 2.41 0.00	40.75 2.04 0.00	34.96 1.64 0.00	28.44 1.27 0.76	26.48 0.99 0.00
WEST BABYLON__IC 23714	18.98 1.50 0.00	16.74 1.31 0.00	16.23 1.18 0.00	18.63 1.19 0.00	20.19 1.26 0.00	14.77 1.00 0.00	16.75 1.03 0.00	16.22 1.11 0.00	18.17 1.08 -0.43	20.20 1.26 -0.07	32.99 1.70 -11.18	35.77 2.10 -10.41	37.02 2.62 -6.92	48.52 3.25 -12.43	43.27 3.32 -7.58	49.35 3.34 -12.93	76.59 3.96 -36.94	105.50 8.01 -27.34	86.45 4.97 -36.80	56.94 3.92 -14.43	42.32 3.61 0.00	73.74 3.43 -36.99	69.50 2.99 -38.57	28.08 2.55 -0.05



WEST CANADA___HYD 24049	17.48 0.00 0.00	15.43 0.00 0.00	15.05 0.00 0.00	17.44 0.00 0.00	18.93 0.00 0.00	13.77 0.00 0.00	15.72 0.00 0.00	15.10 0.00 0.00	16.65 -0.01 0.00	18.85 -0.02 0.00	20.11 0.00 0.00	23.27 0.00 0.00	27.48 0.00 0.00	32.88 0.04 0.00	32.44 0.07 0.00	33.16 0.09 0.00	35.87 0.17 0.00	70.65 0.50 0.00	44.99 0.32 0.00	38.83 0.23 0.00	38.87 0.15 0.00	33.44 0.13 0.00	28.01 0.08 0.00	25.54 0.05 0.00
WESTERN_NY_WIND 24143	17.48 0.00 0.00	15.29 -0.13 0.00	14.80 -0.25 0.00	17.16 -0.28 0.00	18.53 -0.40 0.00	13.40 -0.37 0.00	15.41 -0.32 0.00	14.73 -0.37 0.00	16.37 -0.29 0.00	19.05 0.18 0.00	20.49 0.38 0.00	23.83 0.57 0.00	28.14 0.66 0.00	33.61 0.77 0.00	32.69 0.32 0.00	33.25 0.18 0.00	35.68 -0.02 0.00	70.04 -0.11 0.00	42.58 -0.15 1.95	38.52 0.10 0.17	37.47 -0.09 1.16	33.32 0.00 0.00	28.12 0.19 0.00	25.85 0.36 0.00
WESTOVER___LESR 323668	17.66 0.18 0.00	15.48 0.05 0.00	15.09 0.04 0.00	17.47 0.03 0.00	18.95 0.02 0.00	13.74 -0.03 0.00	15.74 0.01 0.00	15.11 0.00 0.00	16.64 -0.03 0.00	18.95 0.08 0.00	20.26 0.15 0.00	23.59 0.32 0.00	27.80 0.31 0.00	33.34 0.50 0.00	32.80 0.43 0.00	33.58 0.51 0.00	36.37 0.68 0.00	71.67 1.53 0.00	45.51 0.83 0.00	39.31 0.72 0.00	39.20 0.49 0.00	33.71 0.39 0.00	28.26 0.32 0.00	25.78 0.29 0.00
WETHRSFD_WT_PWR 323626	16.91 -0.57 0.00	14.78 -0.65 0.00	14.28 -0.77 0.00	16.52 -0.92 0.00	17.90 -1.03 0.00	13.00 -0.77 0.00	15.01 -0.71 0.00	14.39 -0.72 0.00	15.98 -0.68 0.00	18.58 -0.29 0.00	19.97 -0.14 0.00	23.30 0.03 0.00	27.43 -0.05 0.00	32.79 -0.05 0.00	31.82 -0.55 0.00	32.32 -0.75 0.00	34.73 -0.96 0.00	67.97 -2.18 0.00	30.80 -1.49 12.39	36.32 -1.21 1.07	29.89 -1.49 7.33	32.11 -1.21 0.00	27.04 -0.89 0.00	24.75 -0.74 0.00
WHAVSTOR_138KV_BK127 55557	18.18 0.70 0.00	16.03 0.60 0.00	15.55 0.50 0.00	17.94 0.51 0.00	19.48 0.55 0.00	14.17 0.40 0.00	16.14 0.42 0.00	15.54 0.44 0.00	16.50 0.43 0.59	19.31 0.44 0.00	17.78 0.70 3.03	24.19 0.93 0.00	28.96 1.22 -0.26	35.12 1.71 -0.57	34.79 1.91 -0.51	35.00 1.93 0.00	38.11 2.41 0.00	75.46 5.31 0.00	47.94 3.27 0.00	41.17 2.57 0.00	40.89 2.18 0.00	35.13 1.82 0.00	22.19 1.50 7.24	26.72 1.23 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	18.18 0.70 0.00	16.03 0.60 0.00	15.55 0.50 0.00	17.94 0.51 0.00	19.48 0.55 0.00	14.17 0.40 0.00	16.14 0.42 0.00	15.54 0.44 0.00	16.50 0.43 0.59	19.31 0.44 0.00	17.78 0.70 3.03	24.19 0.93 0.00	28.96 1.22 -0.26	35.12 1.71 -0.57	34.79 1.91 -0.51	35.00 1.93 0.00	38.11 2.41 0.00	75.46 5.31 0.00	47.94 3.27 0.00	41.17 2.57 0.00	40.89 2.18 0.00	35.13 1.82 0.00	22.19 1.50 7.24	26.72 1.23 0.00
WHITEHAL_115KV_TB1 80871	18.94 1.46 0.00	16.87 1.44 0.00	16.50 1.45 0.00	19.03 1.59 0.00	20.64 1.72 0.00	15.06 1.29 0.00	17.17 1.45 0.00	16.11 1.01 0.00	17.78 1.02 -0.10	19.95 1.08 0.00	21.82 1.22 -0.49	24.57 1.30 0.00	28.94 1.80 0.34	34.14 2.05 0.75	33.98 2.27 0.67	35.78 2.70 0.00	39.16 3.47 0.00	78.13 7.98 0.00	50.17 5.49 0.00	43.14 4.54 0.00	42.71 4.00 0.00	36.30 2.98 0.00	31.54 2.44 -1.17	27.57 2.08 0.00
WHITEPLN_13_KV_LOAD 356215	18.45 0.97 0.00	16.24 0.81 0.00	15.74 0.70 0.00	18.18 0.74 0.00	19.73 0.80 0.00	14.37 0.60 0.00	16.36 0.64 0.00	15.77 0.66 0.00	17.80 0.68 -0.46	19.60 0.73 0.00	23.51 1.05 -2.36	24.60 1.33 0.00	29.47 1.71 -0.28	35.76 2.30 -0.63	35.42 2.49 -0.55	35.64 2.56 0.00	38.83 3.13 0.00	76.84 6.69 0.00	48.82 4.15 0.00	41.91 3.31 0.00	41.63 2.92 0.00	35.80 2.48 0.00	35.60 2.04 -5.63	27.20 1.71 0.00
WM_FLOYD_69_KV_BK2 356380	19.09 1.61 0.00	16.85 1.42 0.00	16.33 1.28 0.00	18.72 1.28 0.00	20.28 1.36 0.00	14.85 1.08 0.00	16.85 1.12 0.00	16.32 1.22 0.00	18.27 1.17 -0.43	20.32 1.37 -0.07	32.76 1.82 -10.84	35.86 2.19 -10.41	37.35 2.71 -7.15	94.77 3.37 -58.57	75.11 3.43 -39.31	150.94 3.50 -114.35	335.06 4.14 -295.22	308.29 8.29 -229.85	359.29 5.21 -309.40	164.02 4.10 -121.32	42.47 3.75 0.00	73.72 3.41 -36.99	69.55 3.04 -38.57	28.14 2.61 -0.05
WOODARD__115KV_TB2 355635	17.56 0.08 0.00	15.45 0.03 0.00	15.04 -0.01 0.00	17.43 -0.01 0.00	18.89 -0.03 0.00	13.73 -0.04 0.00	15.69 -0.03 0.00	15.07 -0.04 0.00	16.63 -0.03 0.00	18.90 0.04 0.00	20.16 0.05 0.00	23.34 0.08 0.00	27.54 0.06 0.00	32.98 0.14 0.00	32.44 0.06 0.00	33.14 0.06 0.00	35.83 0.14 0.00	70.59 0.44 0.00	44.92 0.24 0.00	38.77 0.18 0.00	38.74 0.03 0.00	33.30 -0.01 0.00	27.97 0.04 0.00	25.64 0.15 0.00
YORK___WARBASSE 23770	18.42 0.93 0.00	16.23 0.80 0.00	15.73 0.68 0.00	18.12 0.68 0.00	19.66 0.74 0.00	14.32 0.54 0.00	16.31 0.58 0.00	15.73 0.62 0.00	17.73 0.63 -0.43	19.55 0.68 0.00	23.32 0.99 -2.22	24.56 1.29 0.00	29.44 1.68 -0.28	35.73 2.27 -0.63	35.40 2.47 -0.56	35.55 2.48 0.00	38.68 2.98 0.00	76.56 6.41 0.00	48.68 4.00 0.00	41.79 3.19 0.00	41.48 2.77 0.00	35.74 2.43 0.00	35.30 2.06 -5.30	27.24 1.75 0.00