

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

09/18/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	29.73	26.38	26.52	25.82	26.13	26.17	32.11	29.84	29.27	30.91	32.35	33.02	31.21	32.66	31.12	35.52	38.86	36.59	38.42	41.53	40.26	36.13	32.57	31.68
24138	1.31	1.17	1.06	1.11	1.14	1.22	1.56	1.78	1.97	2.14	2.19	2.15	2.03	2.16	1.98	2.18	2.22	2.04	2.01	2.24	2.14	1.83	1.68	1.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	-0.12	-0.04	0.00	-1.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	29.75	26.39	26.54	25.83	26.16	26.18	32.09	29.81	29.22	30.84	32.29	32.97	31.15	32.61	31.05	35.46	38.81	36.54	38.39	41.52	40.29	36.15	32.59	31.70
24260	1.33	1.19	1.08	1.12	1.17	1.23	1.55	1.75	1.92	2.07	2.13	2.10	1.97	2.11	1.92	2.12	2.16	2.00	1.97	2.22	2.18	1.86	1.70	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	-0.12	-0.04	0.00	-1.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	29.75	26.39	26.54	25.83	26.16	26.18	32.09	29.81	29.22	30.84	32.29	32.97	31.15	32.61	31.05	35.46	38.81	36.54	38.39	41.52	40.29	36.15	32.59	31.70
24261	1.33	1.19	1.08	1.12	1.17	1.23	1.55	1.75	1.92	2.07	2.13	2.10	1.97	2.11	1.92	2.12	2.16	2.00	1.97	2.22	2.18	1.86	1.70	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	-0.12	-0.04	0.00	-1.59	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	29.79	26.24	26.47	25.67	26.24	26.46	32.40	29.88	29.08	30.35	31.14	32.16	30.80	32.41	29.62	35.80	39.37	37.03	39.05	42.55	40.87	36.59	32.81	32.04
24011	1.37	1.04	1.01	0.96	1.25	1.51	1.86	1.82	1.78	1.57	1.46	1.53	1.70	1.91	1.77	2.46	2.72	2.48	2.63	3.25	2.76	2.29	1.92	1.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.24	0.12	0.04	0.00	-0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	29.72	26.09	26.30	25.52	26.24	26.57	32.59	30.06	29.30	30.53	31.29	32.35	31.05	32.74	29.90	36.16	39.81	37.37	39.41	43.05	41.12	36.81	33.00	32.24
23798	1.29	0.89	0.84	0.81	1.25	1.62	2.04	2.01	2.00	1.75	1.60	1.72	1.95	2.24	2.06	2.82	3.16	2.82	2.99	3.74	3.01	2.51	2.11	2.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.23	0.12	0.04	0.00	-0.29	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	29.79	26.24	26.47	25.67	26.24	26.46	32.40	29.88	29.08	30.35</														

ALBANY___2 23572	28.44 0.02 0.00	25.25 0.05 0.00	25.53 0.08 0.00	24.76 0.05 0.00	25.06 0.08 0.00	25.05 0.10 0.00	30.50 -0.05 0.00	28.10 0.05 0.00	27.37 0.06 0.00	28.78 0.01 0.00	29.62 -0.10 0.20	30.50 -0.15 0.10	29.02 -0.09 0.04	30.49 -0.01 0.00	27.90 0.04 -0.30	33.47 0.13 0.00	36.64 -0.01 0.00	34.51 -0.04 0.00	36.30 -0.12 0.00	39.41 0.11 0.00	38.26 0.14 0.00	34.33 0.02 0.00	30.87 -0.02 0.00	30.15 -0.04 0.00
ALBANY___3 23573	28.44 0.02 0.00	25.25 0.05 0.00	25.53 0.08 0.00	24.76 0.05 0.00	25.06 0.08 0.00	25.05 0.10 0.00	30.50 -0.05 0.00	28.10 0.05 0.00	27.37 0.06 0.00	28.78 0.01 0.00	29.62 -0.10 0.20	30.50 -0.15 0.10	29.02 -0.09 0.04	30.49 -0.01 0.00	27.90 0.04 -0.30	33.47 0.13 0.00	36.64 -0.01 0.00	34.51 -0.04 0.00	36.30 -0.12 0.00	39.41 0.11 0.00	38.26 0.14 0.00	34.33 0.02 0.00	30.87 -0.02 0.00	30.15 -0.04 0.00
ALBANY___4 23574	28.44 0.02 0.00	25.25 0.05 0.00	25.53 0.08 0.00	24.76 0.05 0.00	25.06 0.08 0.00	25.05 0.10 0.00	30.50 -0.05 0.00	28.10 0.05 0.00	27.37 0.06 0.00	28.78 0.01 0.00	29.62 -0.10 0.20	30.50 -0.15 0.10	29.02 -0.09 0.04	30.49 -0.01 0.00	27.90 0.04 -0.30	33.47 0.13 0.00	36.64 -0.01 0.00	34.51 -0.04 0.00	36.30 -0.12 0.00	39.41 0.11 0.00	38.26 0.14 0.00	34.33 0.02 0.00	30.87 -0.02 0.00	30.15 -0.04 0.00
ALBANY___LFGE 323615	28.77 0.35 0.00	25.53 0.33 0.00	25.80 0.35 0.00	25.02 0.31 0.00	25.32 0.33 0.00	25.31 0.36 0.00	30.84 0.29 0.00	28.41 0.35 0.00	27.67 0.37 0.00	29.10 0.33 0.00	29.95 0.24 0.21	30.86 0.22 0.11	29.39 0.28 0.04	30.88 0.38 0.00	28.25 0.40 -0.30	33.93 0.58 0.00	37.13 0.48 0.00	34.99 0.44 0.00	36.79 0.37 0.00	39.93 0.63 0.00	38.74 0.63 0.00	34.75 0.45 0.00	31.24 0.35 0.00	30.50 0.30 0.00
ALCOA_PA_115KV_PL-6C 55860	28.76 0.33 0.00	25.57 0.37 0.00	25.77 0.31 0.00	25.01 0.30 0.00	25.25 0.26 0.00	25.21 0.26 0.00	30.92 0.37 0.00	28.26 0.20 0.00	27.37 0.07 0.00	28.86 0.09 0.00	29.98 0.06 0.00	30.73 -0.02 0.00	29.02 -0.12 0.00	30.30 -0.20 0.00	27.40 -0.15 0.00	33.32 -0.03 0.00	36.79 0.15 0.00	34.56 0.01 0.00	36.48 0.06 0.00	39.27 -0.02 0.00	38.18 0.06 0.00	34.51 0.21 0.00	31.16 0.28 0.00	30.62 0.43 0.00
ALCOA_RYNLDS___DRP 24188	28.76 0.33 0.00	25.57 0.37 0.00	25.77 0.31 0.00	25.01 0.30 0.00	25.25 0.26 0.00	25.21 0.26 0.00	30.92 0.37 0.00	28.26 0.20 0.00	27.37 0.07 0.00	28.86 0.09 0.00	29.98 0.06 0.00	30.73 -0.02 0.00	29.02 -0.12 0.00	30.30 -0.20 0.00	27.40 -0.15 0.00	33.32 -0.03 0.00	36.79 0.15 0.00	34.56 0.01 0.00	36.48 0.06 0.00	39.27 -0.02 0.00	38.18 0.06 0.00	34.51 0.21 0.00	31.16 0.28 0.00	30.62 0.43 0.00
ALCOA___DSASP 323711	28.76 0.33 0.00	25.57 0.37 0.00	25.77 0.31 0.00	25.01 0.30 0.00	25.25 0.26 0.00	25.21 0.27 0.00	30.92 0.37 0.00	28.26 0.20 0.00	27.37 0.07 0.00	28.86 0.09 0.00	29.98 0.06 0.00	30.73 -0.02 0.00	29.02 -0.12 0.00	30.30 -0.20 0.00	27.40 -0.15 0.00	33.32 -0.03 0.00	36.79 0.15 0.00	34.56 0.01 0.00	36.48 0.06 0.00	39.27 -0.02 0.00	38.18 0.06 0.00	34.51 0.21 0.00	31.16 0.28 0.00	30.62 0.43 0.00
ALLEGHENY___COGEN 23514	29.16 0.74 0.00	25.58 0.39 0.00	25.89 0.44 0.00	25.07 0.35 0.00	25.33 0.34 0.00	25.53 0.58 0.00	31.75 1.21 0.00	29.13 1.07 0.00	28.13 0.83 0.00	29.38 0.61 0.00	30.55 0.63 0.00	31.86 1.10 0.00	30.27 1.13 0.00	31.60 1.10 0.00	28.25 0.70 0.00	34.00 0.65 0.00	37.98 1.34 0.00	36.42 1.87 0.00	39.02 2.60 0.00	41.83 2.53 0.00	40.33 2.22 0.00	36.45 2.15 0.00	32.60 1.71 0.00	31.48 1.29 0.00
ALTAMONT_115KV_TB 2 55880	28.83 0.41 0.00	25.57 0.37 0.00	25.86 0.40 0.00	25.08 0.37 0.00	25.39 0.40 0.00	25.35 0.40 0.00	30.95 0.40 0.00	28.52 0.46 0.00	27.77 0.47 0.00	29.20 0.42 0.13	30.14 0.36 0.07	31.01 0.32 0.07	29.45 0.33 0.02	30.92 0.42 0.00	28.26 0.41 -0.29	33.89 0.54 0.00	37.14 0.49 0.00	35.01 0.46 0.00	36.85 0.43 0.00	39.97 0.66 0.00	38.78 0.67 0.00	34.81 0.51 0.00	31.33 0.44 0.00	30.59 0.39 0.00
ALTONA_WT_PWR 323606	28.85 0.43 0.00	25.61 0.41 0.00	25.80 0.34 0.00	25.03 0.32 0.00	25.29 0.30 0.00	25.24 0.29 0.00	31.00 0.46 0.00	28.51 0.45 0.00	27.61 0.31 0.00	29.01 0.24 0.00	30.11 0.19 0.00	30.91 0.15 0.00	29.28 0.14 0.00	30.71 0.21 0.00	27.71 0.16 0.00	33.80 0.45 0.00	37.36 0.71 0.00	34.62 0.07 0.00	36.52 0.10 0.00	39.98 0.67 0.00	39.05 0.94 0.00	35.67 1.37 0.00	32.11 1.23 0.00	31.54 1.34 0.00
AMERICAN_REF_FUEL 24010	27.26 -1.16 0.00	23.84 -1.36 0.00	24.18 -1.28 0.00	23.38 -1.33 0.00	23.55 -1.44 0.00	23.64 -1.31 0.00	29.23 -1.32 0.00	26.44 -1.62 0.00	25.70 -1.61 0.00	27.50 -1.28 0.00	28.96 -0.96 0.00	30.37 -0.38 0.00	28.90 -0.24 0.00	29.91 -0.59 0.00	26.46 -1.09 0.00	31.81 -1.55 -0.01	35.29 -1.36 0.00	33.58 -0.97 0.00	35.65 -0.77 0.00	37.70 -1.61 0.00	36.40 -1.72 0.00	33.33 -0.97 0.00	30.02 -0.87 0.00	29.20 -1.00 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.18 -0.24 0.00	24.68 -0.52 0.00	25.06 -0.40 0.00	24.31 -0.39 0.00	24.64 -0.35 0.00	24.63 -0.32 0.00	30.75 0.20 0.00	28.35 0.29 0.00	27.53 0.23 0.00	29.49 0.71 0.00	31.10 1.18 0.00	32.56 1.81 0.00	30.87 1.73 0.00	32.06 1.56 0.00	28.59 1.04 0.00	34.52 1.16 -0.02	38.18 1.53 0.00	36.24 1.69 0.00	38.57 2.15 0.00	40.95 1.65 0.00	39.41 1.29 0.00	35.78 1.48 0.00	32.03 1.15 0.00	31.00 0.81 0.00
ARTHUR KILL_GT_1 23520	29.69 1.27 0.00	26.36 1.16 0.00	26.49 1.04 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.14 1.19 0.00	32.04 1.50 0.00	29.74 1.67 0.00	29.12 1.82 0.00	28.11 1.94 2.61	32.09 1.95 -0.23	31.92 1.94 0.78	30.16 1.83 0.82	32.45 1.96 0.01	24.48 1.80 4.87	35.24 1.96 0.06	13.61 2.05 25.09	36.36 1.81 0.00	38.14 1.73 0.00	40.93 1.97 0.33	40.13 2.01 0.00	36.07 1.77 0.00	32.49 1.61 0.00	31.61 1.41 0.00
ARTHUR_KILL_2 23512	29.61 1.18 0.00	26.28 1.08 0.00	26.42 0.96 0.00	25.71 1.01 0.00	26.02 1.03 0.00	26.07 1.12 0.00	31.94 1.39 0.00	29.63 1.58 0.00	29.03 1.73 0.00	28.01 1.84 2.61	32.00 1.85 -0.23	31.81 1.84 0.78	30.06 1.74 0.82	32.34 1.85 0.01	24.40 1.71 4.87	35.13 1.85 0.06	13.48 1.92 25.09	36.25 1.69 0.00	38.03 1.60 0.00	40.79 1.82 0.33	39.99 1.88 0.00	35.94 1.65 0.00	32.38 1.50 0.00	31.51 1.31 0.00
ARTHUR_KILL_3 23513	29.45 1.03 0.00	26.11 0.91 0.00	26.25 0.79 0.00	25.55 0.84 0.00	25.85 0.87 0.00	25.87 0.92 0.00	31.69 1.15 0.00	29.44 1.37 0.00	28.85 1.55 0.00	29.72 1.66 0.71	31.87 1.70 -0.24	32.26 1.63 0.12	30.46 1.52 0.19	32.14 1.65 0.00	28.88 1.51 0.18	34.95 1.62 0.02	13.20 1.64 25.09	36.07 1.52 0.00	37.92 1.50 0.00	41.02 1.71 0.00	39.80 1.69 0.00	35.72 1.42 0.00	32.19 1.31 0.00	31.34 1.15 0.00

ARTHUR_KILL_COGEN 323718	29.69 1.27 0.00	26.36 1.16 0.00	26.49 1.04 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.14 1.19 0.00	32.04 1.50 0.00	29.74 1.67 0.00	29.12 1.82 0.00	28.11 1.94 2.61	32.09 1.95 -0.23	31.92 1.94 0.78	30.16 1.83 0.82	32.45 1.96 0.01	24.48 1.80 4.87	35.24 1.96 0.06	13.61 2.05 25.09	36.36 1.81 0.00	38.14 1.73 0.00	40.93 1.97 0.33	40.13 2.01 0.00	36.07 1.77 0.00	32.49 1.61 0.00	31.61 1.41 0.00
ASHOKAN____ 23654	29.23 0.80 0.00	25.90 0.70 0.00	26.22 0.76 0.00	25.43 0.72 0.00	25.74 0.75 0.00	25.77 0.81 0.00	31.54 1.00 0.00	29.13 1.07 0.00	28.43 1.13 0.00	29.84 1.07 0.00	30.93 1.01 0.00	31.63 0.88 0.00	30.03 0.89 0.00	31.48 0.98 0.00	28.50 0.95 0.00	34.64 1.29 0.00	38.02 1.38 0.00	35.84 1.29 0.00	37.86 1.45 0.00	41.19 1.89 0.00	39.89 1.78 0.00	35.68 1.38 0.00	31.91 1.02 0.00	31.06 0.86 0.00
ASTORIA_EAST_ENERGY_CC1 323581	29.60 1.17 0.00	26.30 1.10 0.00	26.41 0.95 0.00	25.77 1.06 0.00	26.07 1.08 0.00	26.10 1.15 0.00	31.94 1.40 0.00	29.66 1.60 0.00	29.07 1.76 0.00	30.65 1.87 0.00	32.07 1.91 -0.24	32.74 1.86 -0.12	30.93 1.75 -0.04	32.37 1.87 0.00	30.85 1.71 -1.59	35.17 1.82 0.00	38.52 1.87 0.00	36.21 1.66 0.00	38.03 1.61 0.00	41.22 1.92 0.00	40.00 1.89 0.00	35.90 1.60 0.00	32.36 1.48 0.00	31.48 1.28 0.00
ASTORIA_EAST_ENERGY_CC2 323582	29.57 1.14 0.00	26.26 1.05 0.00	26.37 0.91 0.00	25.73 1.02 0.00	26.03 1.04 0.00	26.06 1.11 0.00	31.90 1.36 0.00	29.62 1.56 0.00	29.04 1.74 0.00	30.62 1.84 0.00	32.04 1.88 -0.24	32.71 1.83 -0.12	30.90 1.72 -0.04	32.33 1.83 0.00	30.83 1.69 -1.59	35.13 1.79 0.00	38.48 1.82 0.00	36.18 1.63 0.00	37.99 1.57 0.00	41.17 1.87 0.00	39.96 1.85 0.00	35.86 1.56 0.00	32.33 1.44 0.00	31.45 1.25 0.00
ASTORIA_GT2_1 24094	29.61 1.19 0.00	26.30 1.10 0.00	26.42 0.96 0.00	25.78 1.07 0.00	26.08 1.09 0.00	26.11 1.15 0.00	31.96 1.41 0.00	29.67 1.61 0.00	29.09 1.78 0.00	30.66 1.89 0.00	32.09 1.93 -0.24	32.76 1.89 -0.12	30.94 1.76 -0.04	32.38 1.88 0.00	30.87 1.73 -1.59	35.19 1.85 0.00	38.53 1.88 0.00	36.23 1.68 0.00	38.05 1.63 0.00	41.24 1.94 0.00	40.02 1.91 0.00	35.92 1.62 0.00	32.38 1.49 0.00	31.49 1.30 0.00
ASTORIA_GT2_2 24095	29.61 1.19 0.00	26.30 1.10 0.00	26.42 0.96 0.00	25.78 1.07 0.00	26.08 1.09 0.00	26.11 1.15 0.00	31.96 1.41 0.00	29.67 1.61 0.00	29.09 1.78 0.00	30.66 1.89 0.00	32.09 1.93 -0.24	32.76 1.89 -0.12	30.94 1.76 -0.04	32.38 1.88 0.00	30.87 1.73 -1.59	35.19 1.85 0.00	38.53 1.88 0.00	36.23 1.68 0.00	38.05 1.63 0.00	41.24 1.94 0.00	40.02 1.91 0.00	35.92 1.62 0.00	32.38 1.49 0.00	31.49 1.30 0.00
ASTORIA_GT2_3 24096	29.61 1.19 0.00	26.30 1.10 0.00	26.42 0.96 0.00	25.78 1.07 0.00	26.08 1.09 0.00	26.11 1.15 0.00	31.96 1.41 0.00	29.67 1.61 0.00	29.09 1.78 0.00	30.66 1.89 0.00	32.09 1.93 -0.24	32.76 1.89 -0.12	30.94 1.76 -0.04	32.38 1.88 0.00	30.87 1.73 -1.59	35.19 1.85 0.00	38.53 1.88 0.00	36.23 1.68 0.00	38.05 1.63 0.00	41.24 1.94 0.00	40.02 1.91 0.00	35.92 1.62 0.00	32.38 1.49 0.00	31.49 1.30 0.00
ASTORIA_GT2_4 24097	29.61 1.19 0.00	26.30 1.10 0.00	26.42 0.96 0.00	25.78 1.07 0.00	26.08 1.09 0.00	26.11 1.15 0.00	31.96 1.41 0.00	29.67 1.61 0.00	29.09 1.78 0.00	30.66 1.89 0.00	32.09 1.93 -0.24	32.76 1.89 -0.12	30.94 1.76 -0.04	32.38 1.88 0.00	30.87 1.73 -1.59	35.19 1.85 0.00	38.53 1.88 0.00	36.23 1.68 0.00	38.05 1.63 0.00	41.24 1.94 0.00	40.02 1.91 0.00	35.92 1.62 0.00	32.38 1.49 0.00	31.49 1.30 0.00
ASTORIA_GT3_1 24098	29.58 1.16 0.00	26.26 1.06 0.00	26.39 0.93 0.00	25.74 1.03 0.00	26.04 1.05 0.00	26.07 1.12 0.00	31.92 1.37 0.00	29.64 1.58 0.00	29.05 1.75 0.00	30.64 1.86 0.00	32.06 1.90 -0.24	32.73 1.86 -0.12	30.91 1.73 -0.04	32.35 1.84 0.00	30.84 1.70 -1.59	35.16 1.81 0.00	38.49 1.84 0.00	36.19 1.64 0.00	38.01 1.59 0.00	41.19 1.89 0.00	39.97 1.86 0.00	35.88 1.58 0.00	32.34 1.45 0.00	31.46 1.27 0.00
ASTORIA_GT3_2 24099	29.58 1.16 0.00	26.26 1.06 0.00	26.39 0.93 0.00	25.74 1.03 0.00	26.04 1.05 0.00	26.07 1.12 0.00	31.92 1.37 0.00	29.64 1.58 0.00	29.05 1.75 0.00	30.64 1.86 0.00	32.06 1.90 -0.24	32.73 1.86 -0.12	30.91 1.73 -0.04	32.35 1.84 0.00	30.84 1.70 -1.59	35.16 1.81 0.00	38.49 1.84 0.00	36.19 1.64 0.00	38.01 1.59 0.00	41.19 1.89 0.00	39.97 1.86 0.00	35.88 1.58 0.00	32.34 1.45 0.00	31.46 1.27 0.00
ASTORIA_GT3_3 24100	29.58 1.16 0.00	26.26 1.06 0.00	26.39 0.93 0.00	25.74 1.03 0.00	26.04 1.05 0.00	26.07 1.12 0.00	31.92 1.37 0.00	29.64 1.58 0.00	29.05 1.75 0.00	30.64 1.86 0.00	32.06 1.90 -0.24	32.73 1.86 -0.12	30.91 1.73 -0.04	32.35 1.84 0.00	30.84 1.70 -1.59	35.16 1.81 0.00	38.49 1.84 0.00	36.19 1.64 0.00	38.01 1.59 0.00	41.19 1.89 0.00	39.97 1.86 0.00	35.88 1.58 0.00	32.34 1.45 0.00	31.46 1.27 0.00
ASTORIA_GT3_4 24101	29.58 1.16 0.00	26.26 1.06 0.00	26.39 0.93 0.00	25.74 1.03 0.00	26.04 1.05 0.00	26.07 1.12 0.00	31.92 1.37 0.00	29.64 1.58 0.00	29.05 1.75 0.00	30.64 1.86 0.00	32.06 1.90 -0.24	32.73 1.86 -0.12	30.91 1.73 -0.04	32.35 1.84 0.00	30.84 1.70 -1.59	35.16 1.81 0.00	38.49 1.84 0.00	36.19 1.64 0.00	38.01 1.59 0.00	41.19 1.89 0.00	39.97 1.86 0.00	35.88 1.58 0.00	32.34 1.45 0.00	31.46 1.27 0.00
ASTORIA_GT4_1 24102	29.58 1.16 0.00	26.26 1.06 0.00	26.39 0.93 0.00	25.74 1.03 0.00	26.04 1.05 0.00	26.07 1.12 0.00	31.92 1.37 0.00	29.64 1.58 0.00	29.05 1.75 0.00	30.64 1.86 0.00	32.06 1.90 -0.24	32.73 1.86 -0.12	30.91 1.73 -0.04	32.35 1.84 0.00	30.84 1.70 -1.59	35.16 1.81 0.00	38.49 1.84 0.00	36.19 1.64 0.00	38.01 1.59 0.00	41.19 1.89 0.00	39.97 1.86 0.00	35.88 1.58 0.00	32.34 1.45 0.00	31.46 1.27 0.00
ASTORIA_GT4_2 24103	29.58 1.16 0.00	26.26 1.06 0.00	26.39 0.93 0.00	25.74 1.03 0.00	26.04 1.05 0.00	26.07 1.12 0.00	31.92 1.37 0.00	29.64 1.58 0.00	29.05 1.75 0.00	30.64 1.86 0.00	32.06 1.90 -0.24	32.73 1.86 -0.12	30.91 1.73 -0.04	32.35 1.84 0.00	30.84 1.70 -1.59	35.16 1.81 0.00	38.49 1.84 0.00	36.19 1.64 0.00	38.01 1.59 0.00	41.19 1.89 0.00	39.97 1.86 0.00	35.88 1.58 0.00	32.34 1.45 0.00	31.46 1.27 0.00
ASTORIA_GT4_3 24104	29.58 1.16 0.00	26.26 1.06 0.00	26.39 0.93 0.00	25.74 1.03 0.00	26.04 1.05 0.00	26.07 1.12 0.00	31.92 1.37 0.00	29.64 1.58 0.00	29.05 1.75 0.00	30.64 1.86 0.00	32.06 1.90 -0.24	32.73 1.86 -0.12	30.91 1.73 -0.04	32.35 1.84 0.00	30.84 1.70 -1.59	35.16 1.81 0.00	38.49 1.84 0.00	36.19 1.64 0.00	38.01 1.59 0.00	41.19 1.89 0.00	39.97 1.86 0.00	35.88 1.58 0.00	32.34 1.45 0.00	31.46 1.27 0.00

ASTORIA_GT4_4 24105	29.58 1.16 0.00	26.26 1.06 0.00	26.39 0.93 0.00	25.74 1.03 0.00	26.04 1.05 0.00	26.07 1.12 0.00	31.92 1.37 0.00	29.64 1.58 0.00	29.05 1.75 0.00	30.64 1.86 0.00	32.06 1.90 -0.24	32.73 1.86 -0.12	30.91 1.73 -0.04	32.35 1.84 0.00	30.84 1.70 -1.59	35.16 1.81 0.00	38.49 1.84 0.00	36.19 1.64 0.00	38.01 1.59 0.00	41.19 1.89 0.00	39.97 1.86 0.00	35.88 1.58 0.00	32.34 1.45 0.00	31.46 1.27 0.00
ASTORIA_GT_1 23523	29.65 1.23 0.00	26.33 1.13 0.00	26.46 1.00 0.00	25.81 1.10 0.00	26.11 1.12 0.00	26.14 1.19 0.00	32.00 1.46 0.00	29.72 1.65 0.00	29.13 1.83 0.00	30.72 1.94 0.00	32.13 1.98 -0.24	32.82 1.94 -0.12	31.00 1.81 -0.04	32.43 1.93 0.00	30.92 1.78 -1.59	35.25 1.90 0.00	38.59 1.94 0.00	36.29 1.74 0.00	38.11 1.70 0.00	41.31 2.01 0.00	40.08 1.97 0.00	35.97 1.67 0.00	32.43 1.54 0.00	31.54 1.35 0.00
ASTORIA_GT_10 24110	29.58 1.16 0.00	26.25 1.05 0.00	26.39 0.93 0.00	25.73 1.02 0.00	26.03 1.04 0.00	26.06 1.11 0.00	31.92 1.38 0.00	29.65 1.59 0.00	29.07 1.77 0.00	30.67 1.90 0.00	32.09 1.93 -0.24	32.77 1.90 -0.12	30.95 1.77 -0.04	32.39 1.90 0.00	30.88 1.74 -1.59	35.23 1.88 0.00	38.57 1.92 0.00	36.26 1.71 0.00	38.06 1.65 0.00	41.20 1.90 0.00	39.98 1.86 0.00	35.90 1.59 0.00	32.37 1.48 0.00	31.49 1.29 0.00
ASTORIA_GT_11 24225	29.58 1.16 0.00	26.25 1.05 0.00	26.39 0.93 0.00	25.73 1.02 0.00	26.03 1.04 0.00	26.06 1.11 0.00	31.92 1.38 0.00	29.65 1.59 0.00	29.07 1.77 0.00	30.67 1.90 0.00	32.09 1.93 -0.24	32.77 1.90 -0.12	30.95 1.77 -0.04	32.39 1.90 0.00	30.88 1.74 -1.59	35.23 1.88 0.00	38.57 1.92 0.00	36.26 1.71 0.00	38.06 1.65 0.00	41.20 1.90 0.00	39.98 1.86 0.00	35.90 1.59 0.00	32.37 1.48 0.00	31.49 1.29 0.00
ASTORIA_GT_12 24226	29.58 1.16 0.00	26.25 1.05 0.00	26.39 0.93 0.00	25.73 1.02 0.00	26.03 1.04 0.00	26.06 1.11 0.00	31.92 1.38 0.00	29.65 1.59 0.00	29.07 1.77 0.00	30.67 1.90 0.00	32.09 1.93 -0.24	32.77 1.90 -0.12	30.95 1.77 -0.04	32.39 1.90 0.00	30.88 1.74 -1.59	35.23 1.88 0.00	38.57 1.92 0.00	36.26 1.71 0.00	38.06 1.65 0.00	41.20 1.90 0.00	39.98 1.86 0.00	35.90 1.59 0.00	32.37 1.48 0.00	31.49 1.29 0.00
ASTORIA_GT_13 24227	29.58 1.16 0.00	26.25 1.05 0.00	26.39 0.93 0.00	25.73 1.02 0.00	26.03 1.04 0.00	26.06 1.11 0.00	31.92 1.38 0.00	29.65 1.59 0.00	29.07 1.77 0.00	30.67 1.90 0.00	32.09 1.93 -0.24	32.77 1.90 -0.12	30.95 1.77 -0.04	32.39 1.90 0.00	30.88 1.74 -1.59	35.23 1.88 0.00	38.57 1.92 0.00	36.26 1.71 0.00	38.06 1.65 0.00	41.20 1.90 0.00	39.98 1.86 0.00	35.90 1.59 0.00	32.37 1.48 0.00	31.49 1.29 0.00
ASTORIA_GT_5 24106	29.65 1.23 0.00	26.33 1.13 0.00	26.46 1.00 0.00	25.81 1.10 0.00	26.11 1.12 0.00	26.14 1.19 0.00	32.00 1.45 0.00	29.72 1.65 0.00	29.13 1.83 0.00	30.72 1.94 0.00	32.14 1.98 -0.24	32.82 1.95 -0.12	31.00 1.81 -0.04	32.43 1.93 0.00	30.92 1.78 -1.59	35.25 1.90 0.00	38.59 1.94 0.00	36.29 1.74 0.00	38.12 1.70 0.00	41.31 2.01 0.00	40.09 1.97 0.00	35.97 1.67 0.00	32.43 1.54 0.00	31.54 1.35 0.00
ASTORIA_GT_7 24107	29.65 1.23 0.00	26.33 1.13 0.00	26.46 1.00 0.00	25.81 1.10 0.00	26.11 1.12 0.00	26.14 1.19 0.00	32.00 1.45 0.00	29.72 1.65 0.00	29.13 1.83 0.00	30.72 1.94 0.00	32.14 1.98 -0.24	32.82 1.95 -0.12	31.00 1.81 -0.04	32.43 1.93 0.00	30.92 1.78 -1.59	35.25 1.90 0.00	38.59 1.94 0.00	36.29 1.74 0.00	38.12 1.70 0.00	41.31 2.01 0.00	40.09 1.97 0.00	35.97 1.67 0.00	32.43 1.54 0.00	31.54 1.35 0.00
ASTORIA_GT_8 24108	29.65 1.23 0.00	26.33 1.13 0.00	26.46 1.00 0.00	25.81 1.10 0.00	26.11 1.12 0.00	26.14 1.19 0.00	32.00 1.45 0.00	29.72 1.65 0.00	29.13 1.83 0.00	30.72 1.94 0.00	32.14 1.98 -0.24	32.82 1.95 -0.12	31.00 1.81 -0.04	32.43 1.93 0.00	30.92 1.78 -1.59	35.25 1.90 0.00	38.59 1.94 0.00	36.29 1.74 0.00	38.12 1.70 0.00	41.31 2.01 0.00	40.09 1.97 0.00	35.97 1.67 0.00	32.43 1.54 0.00	31.54 1.35 0.00
ASTORIA___2 24149	29.58 1.16 0.00	26.27 1.06 0.00	26.39 0.93 0.00	25.74 1.03 0.00	26.04 1.05 0.00	26.07 1.12 0.00	31.91 1.37 0.00	29.63 1.58 0.00	29.05 1.75 0.00	30.64 1.86 0.00	32.05 1.89 -0.24	32.72 1.85 -0.12	30.91 1.73 -0.04	32.35 1.84 0.00	30.84 1.70 -1.59	35.15 1.81 0.00	38.49 1.84 0.00	36.19 1.64 0.00	38.01 1.59 0.00	41.19 1.89 0.00	39.98 1.86 0.00	35.88 1.58 0.00	32.34 1.45 0.00	31.46 1.27 0.00
ASTORIA___3 23516	29.58 1.16 0.00	26.25 1.05 0.00	26.39 0.93 0.00	25.73 1.02 0.00	26.03 1.04 0.00	26.07 1.11 0.00	31.92 1.38 0.00	29.65 1.59 0.00	29.07 1.77 0.00	30.67 1.90 0.00	32.08 1.92 -0.24	32.76 1.89 -0.12	30.95 1.77 -0.04	32.39 1.89 0.00	30.88 1.74 -1.59	35.22 1.88 0.00	38.57 1.92 0.00	36.25 1.71 0.00	38.06 1.64 0.00	41.20 1.90 0.00	39.98 1.86 0.00	35.90 1.60 0.00	32.37 1.48 0.00	31.48 1.29 0.00
ASTORIA___4 23517	29.58 1.16 0.00	26.25 1.05 0.00	26.39 0.93 0.00	25.73 1.02 0.00	26.03 1.04 0.00	26.06 1.11 0.00	31.92 1.38 0.00	29.65 1.59 0.00	29.07 1.77 0.00	30.67 1.90 0.00	32.09 1.93 -0.24	32.77 1.90 -0.12	30.95 1.77 -0.04	32.39 1.90 0.00	30.88 1.74 -1.59	35.23 1.88 0.00	38.57 1.92 0.00	36.26 1.71 0.00	38.06 1.64 0.00	41.20 1.90 0.00	39.98 1.86 0.00	35.90 1.59 0.00	32.37 1.48 0.00	31.49 1.29 0.00
ASTORIA___5 23518	29.58 1.16 0.00	26.25 1.05 0.00	26.39 0.93 0.00	25.73 1.02 0.00	26.03 1.04 0.00	26.07 1.12 0.00	31.92 1.38 0.00	29.65 1.59 0.00	29.07 1.77 0.00	30.67 1.90 0.00	32.08 1.93 -0.24	32.76 1.89 -0.12	30.95 1.77 -0.04	32.39 1.89 0.00	30.88 1.74 -1.59	35.22 1.88 0.00	38.57 1.92 0.00	36.26 1.71 0.00	38.06 1.65 0.00	41.20 1.90 0.00	39.98 1.86 0.00	35.90 1.60 0.00	32.37 1.48 0.00	31.48 1.29 0.00
AST_ENERGY_2_CC3 323677	29.50 1.08 0.00	26.19 0.98 0.00	26.33 0.87 0.00	25.63 0.92 0.00	25.94 0.95 0.00	25.97 1.02 0.00	31.80 1.25 0.00	29.53 1.47 0.00	28.95 1.65 0.00	30.54 1.77 0.00	31.96 1.80 -0.24	32.62 1.75 -0.12	30.82 1.63 -0.04	32.26 1.76 0.00	30.77 1.63 -1.59	35.09 1.74 0.00	38.40 1.75 0.00	36.16 1.61 0.00	38.00 1.58 0.00	41.11 1.81 0.00	39.89 1.78 0.00	35.80 1.50 0.00	32.27 1.39 0.00	31.41 1.22 0.00
AST_ENERGY_2_CC4 323678	29.50 1.08 0.00	26.19 0.98 0.00	26.33 0.87 0.00	25.63 0.92 0.00	25.94 0.95 0.00	25.97 1.02 0.00	31.80 1.25 0.00	29.53 1.47 0.00	28.95 1.65 0.00	30.54 1.77 0.00	31.96 1.80 -0.24	32.62 1.75 -0.12	30.82 1.63 -0.04	32.26 1.76 0.00	30.77 1.63 -1.59	35.09 1.74 0.00	38.40 1.75 0.00	36.16 1.61 0.00	38.00 1.58 0.00	41.11 1.81 0.00	39.89 1.78 0.00	35.80 1.50 0.00	32.27 1.39 0.00	31.41 1.22 0.00

ATHENS_STG_1 23668	28.85 0.42 0.00	25.59 0.39 0.00	25.88 0.42 0.00	25.13 0.42 0.00	25.43 0.44 0.00	25.35 0.40 0.00	30.99 0.45 0.00	28.64 0.58 0.00	27.94 0.64 0.00	29.42 0.65 0.00	30.63 0.62 -0.09	31.39 0.59 -0.05	29.72 0.57 -0.02	31.14 0.64 0.00	28.50 0.60 -0.35	34.01 0.66 0.00	37.23 0.58 0.00	35.05 0.50 0.00	36.91 0.49 0.00	40.00 0.70 0.00	38.82 0.70 0.00	34.85 0.55 0.00	31.40 0.51 0.00	30.63 0.43 0.00
ATHENS_STG_2 23670	28.85 0.42 0.00	25.59 0.39 0.00	25.88 0.42 0.00	25.13 0.42 0.00	25.43 0.44 0.00	25.35 0.40 0.00	30.99 0.45 0.00	28.64 0.58 0.00	27.94 0.64 0.00	29.42 0.65 0.00	30.63 0.62 -0.09	31.39 0.59 -0.05	29.72 0.57 -0.02	31.14 0.64 0.00	28.50 0.60 -0.35	34.01 0.66 0.00	37.23 0.58 0.00	35.05 0.50 0.00	36.91 0.49 0.00	40.00 0.70 0.00	38.82 0.70 0.00	34.85 0.55 0.00	31.40 0.51 0.00	30.63 0.43 0.00
ATHENS_STG_3 23677	28.85 0.42 0.00	25.59 0.39 0.00	25.88 0.42 0.00	25.13 0.42 0.00	25.43 0.44 0.00	25.35 0.40 0.00	30.99 0.45 0.00	28.64 0.58 0.00	27.94 0.64 0.00	29.42 0.65 0.00	30.63 0.62 -0.09	31.39 0.59 -0.05	29.72 0.57 -0.02	31.14 0.64 0.00	28.50 0.60 -0.35	34.01 0.66 0.00	37.23 0.58 0.00	35.05 0.50 0.00	36.91 0.49 0.00	40.00 0.70 0.00	38.82 0.70 0.00	34.85 0.55 0.00	31.40 0.51 0.00	30.63 0.43 0.00
AUBURN___LFGE 323710	28.56 0.13 0.00	25.26 0.06 0.00	25.52 0.07 0.00	24.78 0.07 0.00	24.95 -0.04 0.00	24.93 -0.02 0.00	30.69 0.15 0.00	28.23 0.17 0.00	27.45 0.14 0.00	28.95 0.17 0.00	30.14 0.21 0.00	31.14 0.39 0.00	29.55 0.41 0.00	30.87 0.36 0.00	27.85 0.30 0.00	33.64 0.30 0.00	37.07 0.42 0.00	34.98 0.43 0.00	37.03 0.61 0.00	39.82 0.51 0.00	38.49 0.37 0.00	34.64 0.34 0.00	31.12 0.23 0.00	30.27 0.07 0.00
BABYLON_RES_REC 323704	54.58 1.19 -24.98	27.91 1.27 -1.45	26.63 1.17 0.00	25.88 1.17 0.00	26.24 1.25 0.00	26.31 1.33 -0.03	61.49 1.75 -29.19	68.19 1.91 -38.21	33.36 2.04 -4.02	30.94 2.06 -0.11	32.87 2.19 -0.76	32.82 1.86 -0.21	32.85 1.76 -1.96	33.05 1.78 -0.77	33.81 1.61 -4.64	34.69 1.35 0.00	37.65 1.00 0.00	35.71 1.16 0.00	37.49 1.08 0.00	40.90 1.60 0.00	39.61 1.50 0.00	35.66 1.36 0.00	32.73 1.79 -0.06	32.06 1.64 -0.23
BABYLON__69_KV_BK2 356345	54.83 1.43 -24.98	28.10 1.46 -1.45	26.81 1.36 0.00	26.06 1.35 0.00	26.43 1.44 0.00	26.49 1.51 -0.03	61.74 2.00 -29.19	68.42 2.14 -38.21	33.58 2.27 -4.02	31.19 2.30 -0.11	33.14 2.47 -0.76	33.29 2.33 -0.21	33.36 2.26 -1.96	33.61 2.34 -0.77	34.37 2.18 -4.64	35.35 2.00 0.00	38.35 1.70 0.00	36.41 1.86 0.00	38.11 1.69 0.00	41.60 2.30 0.00	40.30 2.19 0.00	36.19 1.90 0.00	33.00 2.05 -0.06	32.34 1.91 -0.23
BALL_HILL_WT_PWR 323825	28.13 -0.29 0.00	24.66 -0.54 0.00	25.00 -0.45 0.00	24.22 -0.49 0.00	24.46 -0.52 0.00	24.49 -0.46 0.00	30.44 -0.10 0.00	27.89 -0.17 0.00	27.09 -0.21 0.00	28.95 0.17 0.00	30.49 0.56 0.00	31.92 1.17 0.00	30.28 1.14 0.00	31.45 0.94 0.00	28.01 0.46 0.00	33.76 0.40 -0.02	37.36 0.71 0.00	35.48 0.93 0.00	37.72 1.30 0.00	40.03 0.73 0.00	38.55 0.44 0.00	35.06 0.76 0.00	31.44 0.55 0.00	30.47 0.27 0.00
BARON_WINDS___WT_PWR 323822	28.18 -0.24 0.00	24.86 -0.34 0.00	25.19 -0.27 0.00	24.41 -0.30 0.00	24.69 -0.31 0.00	24.90 -0.05 0.00	30.92 0.37 0.00	28.39 0.34 0.00	27.58 0.28 0.00	29.25 0.47 0.00	30.66 0.74 0.00	31.96 1.21 0.00	30.31 1.17 0.00	31.53 1.03 0.00	28.21 0.66 0.00	34.04 0.69 -0.01	37.60 0.95 0.00	35.63 1.08 0.00	37.85 1.43 0.00	40.42 1.12 0.00	38.90 0.79 0.00	35.27 0.97 0.00	31.66 0.77 0.00	30.69 0.50 0.00
BARRETT_IC_1 23704	54.50 1.10 -24.98	27.84 1.19 -1.45	26.55 1.09 0.00	25.81 1.10 0.00	26.14 1.15 0.00	26.22 1.24 -0.03	61.23 1.49 -29.19	67.88 1.60 -38.21	33.06 1.75 -4.02	30.65 1.77 -0.11	32.60 1.92 -0.76	32.83 1.88 -0.21	32.92 1.82 -1.96	33.19 1.92 -0.77	33.97 1.77 -4.64	34.95 1.60 0.00	37.95 1.31 0.00	35.83 1.28 0.00	37.56 1.15 0.00	40.86 1.56 0.00	39.70 1.58 0.00	35.78 1.48 0.00	32.59 1.64 -0.06	31.97 1.54 -0.23
BARRETT_IC_10 23701	54.50 1.10 -24.98	27.84 1.19 -1.45	26.55 1.09 0.00	25.81 1.10 0.00	26.14 1.15 0.00	26.22 1.24 -0.03	61.23 1.49 -29.19	67.88 1.60 -38.21	33.06 1.75 -4.02	30.65 1.77 -0.11	32.60 1.92 -0.76	32.83 1.88 -0.21	32.92 1.82 -1.96	33.19 1.92 -0.77	33.97 1.77 -4.64	34.95 1.60 0.00	37.95 1.31 0.00	35.83 1.28 0.00	37.56 1.15 0.00	40.86 1.56 0.00	39.70 1.58 0.00	35.78 1.48 0.00	32.59 1.64 -0.06	31.97 1.54 -0.23
BARRETT_IC_11 23702	54.50 1.10 -24.98	27.84 1.19 -1.45	26.55 1.09 0.00	25.81 1.10 0.00	26.14 1.15 0.00	26.22 1.24 -0.03	61.23 1.49 -29.19	67.88 1.60 -38.21	33.06 1.75 -4.02	30.65 1.77 -0.11	32.60 1.92 -0.76	32.83 1.88 -0.21	32.92 1.82 -1.96	33.19 1.92 -0.77	33.97 1.77 -4.64	34.95 1.60 0.00	37.95 1.31 0.00	35.83 1.28 0.00	37.56 1.15 0.00	40.86 1.56 0.00	39.70 1.58 0.00	35.78 1.48 0.00	32.59 1.64 -0.06	31.97 1.54 -0.23
BARRETT_IC_12 23703	54.50 1.10 -24.98	27.84 1.19 -1.45	26.55 1.09 0.00	25.81 1.10 0.00	26.14 1.15 0.00	26.22 1.24 -0.03	61.23 1.49 -29.19	67.88 1.60 -38.21	33.06 1.75 -4.02	30.65 1.77 -0.11	32.60 1.92 -0.76	32.83 1.88 -0.21	32.92 1.82 -1.96	33.19 1.92 -0.77	33.97 1.77 -4.64	34.95 1.60 0.00	37.95 1.31 0.00	35.83 1.28 0.00	37.56 1.15 0.00	40.86 1.56 0.00	39.70 1.58 0.00	35.78 1.48 0.00	32.59 1.64 -0.06	31.97 1.54 -0.23
BARRETT_IC_2 23705	54.50 1.10 -24.98	27.84 1.19 -1.45	26.55 1.09 0.00	25.81 1.10 0.00	26.14 1.15 0.00	26.22 1.24 -0.03	61.23 1.49 -29.19	67.88 1.60 -38.21	33.06 1.75 -4.02	30.65 1.77 -0.11	32.60 1.92 -0.76	32.83 1.88 -0.21	32.92 1.82 -1.96	33.19 1.92 -0.77	33.97 1.77 -4.64	34.95 1.60 0.00	37.95 1.31 0.00	35.83 1.28 0.00	37.56 1.15 0.00	40.86 1.56 0.00	39.70 1.58 0.00	35.78 1.48 0.00	32.59 1.64 -0.06	31.97 1.54 -0.23
BARRETT_IC_3 23706	54.50 1.10 -24.98	27.84 1.19 -1.45	26.55 1.09 0.00	25.81 1.10 0.00	26.14 1.15 0.00	26.22 1.24 -0.03	61.23 1.49 -29.19	67.88 1.60 -38.21	33.06 1.75 -4.02	30.65 1.77 -0.11	32.60 1.92 -0.76	32.83 1.88 -0.21	32.92 1.82 -1.96	33.19 1.92 -0.77	33.97 1.77 -4.64	34.95 1.60 0.00	37.95 1.31 0.00	35.83 1.28 0.00	37.56 1.15 0.00	40.86 1.56 0.00	39.70 1.58 0.00	35.78 1.48 0.00	32.59 1.64 -0.06	31.97 1.54 -0.23
BARRETT_IC_4 23707	54.50 1.10 -24.98	27.84 1.19 -1.45	26.55 1.09 0.00	25.81 1.10 0.00	26.14 1.15 0.00	26.22 1.24 -0.03	61.23 1.49 -29.19	67.88 1.60 -38.21	33.06 1.75 -4.02	30.65 1.77 -0.11	32.60 1.92 -0.76	32.83 1.88 -0.21	32.92 1.82 -1.96	33.19 1.92 -0.77	33.97 1.77 -4.64	34.95 1.60 0.00	37.95 1.31 0.00	35.83 1.28 0.00	37.56 1.15 0.00	40.86 1.56 0.00	39.70 1.58 0.00	35.78 1.48 0.00	32.59 1.64 -0.06	31.97 1.54 -0.23

BARRETT_IC_5 23708	54.50 1.10 -24.98	27.84 1.19 -1.45	26.55 1.09 0.00	25.81 1.10 0.00	26.14 1.15 0.00	26.22 1.24 -0.03	61.23 1.49 -29.19	67.88 1.60 -38.21	33.06 1.75 -4.02	30.65 1.77 -0.11	32.60 1.92 -0.76	32.83 1.88 -0.21	32.92 1.82 -1.96	33.19 1.92 -0.77	33.97 1.77 -4.64	34.95 1.60 0.00	37.95 1.31 0.00	35.83 1.28 0.00	37.56 1.15 0.00	40.86 1.56 0.00	39.70 1.58 0.00	35.78 1.48 0.00	32.59 1.64 -0.06	31.97 1.54 -0.23
BARRETT_IC_6 23709	54.50 1.10 -24.98	27.84 1.19 -1.45	26.55 1.09 0.00	25.81 1.10 0.00	26.14 1.15 0.00	26.22 1.24 -0.03	61.23 1.49 -29.19	67.88 1.60 -38.21	33.06 1.75 -4.02	30.65 1.77 -0.11	32.60 1.92 -0.76	32.83 1.88 -0.21	32.92 1.82 -1.96	33.19 1.92 -0.77	33.97 1.77 -4.64	34.95 1.60 0.00	37.95 1.31 0.00	35.83 1.28 0.00	37.56 1.15 0.00	40.86 1.56 0.00	39.70 1.58 0.00	35.78 1.48 0.00	32.59 1.64 -0.06	31.97 1.54 -0.23
BARRETT_IC_7 23710	54.49 1.10 -24.98	27.84 1.19 -1.45	26.55 1.09 0.00	25.81 1.10 0.00	26.14 1.15 0.00	26.22 1.24 -0.03	61.23 1.49 -29.19	67.88 1.60 -38.21	33.06 1.75 -4.02	30.65 1.77 -0.11	32.60 1.92 -0.76	32.85 1.90 -0.21	32.92 1.82 -1.96	33.19 1.92 -0.77	33.97 1.77 -4.64	34.95 1.61 0.00	37.96 1.31 0.00	35.84 1.29 0.00	37.57 1.15 0.00	40.86 1.56 0.00	39.70 1.58 0.00	35.78 1.48 0.00	32.59 1.65 -0.06	31.97 1.54 -0.23
BARRETT_IC_8 23711	54.50 1.10 -24.98	27.84 1.19 -1.45	26.55 1.09 0.00	25.81 1.10 0.00	26.14 1.15 0.00	26.22 1.24 -0.03	61.23 1.49 -29.19	67.88 1.60 -38.21	33.06 1.75 -4.02	30.65 1.77 -0.11	32.60 1.92 -0.76	32.83 1.88 -0.21	32.92 1.82 -1.96	33.19 1.92 -0.77	33.97 1.77 -4.64	34.95 1.60 0.00	37.95 1.31 0.00	35.83 1.28 0.00	37.56 1.15 0.00	40.86 1.56 0.00	39.70 1.58 0.00	35.78 1.48 0.00	32.59 1.64 -0.06	31.97 1.54 -0.23
BARRETT_IC_9 23700	54.50 1.10 -24.98	27.84 1.19 -1.45	26.55 1.09 0.00	25.81 1.10 0.00	26.14 1.15 0.00	26.22 1.24 -0.03	61.23 1.49 -29.19	67.88 1.60 -38.21	33.06 1.75 -4.02	30.65 1.77 -0.11	32.60 1.92 -0.76	32.83 1.88 -0.21	32.92 1.82 -1.96	33.19 1.92 -0.77	33.97 1.77 -4.64	34.95 1.60 0.00	37.95 1.31 0.00	35.83 1.28 0.00	37.56 1.15 0.00	40.86 1.56 0.00	39.70 1.58 0.00	35.78 1.48 0.00	32.59 1.64 -0.06	31.97 1.54 -0.23
BARRETT___1 23545	54.50 1.10 -24.98	27.84 1.19 -1.45	26.55 1.09 0.00	25.81 1.10 0.00	26.14 1.15 0.00	26.22 1.24 -0.03	61.23 1.49 -29.19	67.88 1.60 -38.21	33.06 1.75 -4.02	30.65 1.77 -0.11	32.60 1.92 -0.76	32.83 1.88 -0.21	32.92 1.82 -1.96	33.19 1.92 -0.77	33.97 1.77 -4.64	34.95 1.60 0.00	37.95 1.31 0.00	35.83 1.28 0.00	37.56 1.15 0.00	40.86 1.56 0.00	39.70 1.58 0.00	35.78 1.48 0.00	32.59 1.64 -0.06	31.97 1.54 -0.23
BARRETT___2 23546	54.50 1.10 -24.98	27.84 1.19 -1.45	26.55 1.09 0.00	25.81 1.10 0.00	26.14 1.15 0.00	26.22 1.24 -0.03	61.23 1.49 -29.19	67.88 1.60 -38.21	33.06 1.75 -4.02	30.65 1.77 -0.11	32.60 1.92 -0.76	32.83 1.88 -0.21	32.92 1.82 -1.96	33.19 1.92 -0.77	33.97 1.77 -4.64	34.95 1.60 0.00	37.95 1.31 0.00	35.83 1.28 0.00	37.56 1.15 0.00	40.86 1.56 0.00	39.70 1.58 0.00	35.78 1.48 0.00	32.59 1.64 -0.06	31.97 1.54 -0.23
BATAVIA__115KV_TB1 55881	28.46 0.03 0.00	24.88 -0.32 0.00	25.21 -0.24 0.00	24.38 -0.33 0.00	24.58 -0.41 0.00	24.69 -0.26 0.00	30.62 0.08 0.00	27.88 -0.18 0.00	27.06 -0.24 0.00	28.83 0.06 0.00	30.21 0.29 0.00	31.50 0.75 0.00	30.13 0.99 0.00	31.51 1.00 0.00	27.77 0.21 0.00	33.91 0.56 -0.01	37.25 0.60 0.00	35.34 0.79 0.00	37.71 1.30 0.00	40.13 0.83 0.00	38.71 0.59 0.00	35.18 0.88 0.00	31.54 0.65 0.00	30.55 0.36 0.00
BAYONEEC___CTG1 323682	29.53 1.11 0.00	26.19 0.99 0.00	26.34 0.88 0.00	25.63 0.92 0.00	25.94 0.95 0.00	25.97 1.02 0.00	31.81 1.27 0.00	29.54 1.48 0.00	28.96 1.66 0.00	29.85 1.79 0.71	31.98 1.82 -0.24	32.39 1.77 0.12	30.60 1.65 0.19	32.28 1.78 0.00	29.01 1.63 0.18	35.12 1.77 -0.02	276.05 1.76 -237.64	36.19 1.64 0.00	38.04 1.62 0.00	41.15 1.85 0.00	39.94 1.82 0.00	35.84 1.54 0.00	32.31 1.42 0.00	31.45 1.25 0.00
BAYONEEC___CTG10 323750	29.53 1.11 0.00	26.19 0.99 0.00	26.34 0.88 0.00	25.63 0.92 0.00	25.94 0.95 0.00	25.97 1.02 0.00	31.81 1.27 0.00	29.54 1.48 0.00	28.96 1.66 0.00	29.85 1.79 0.71	31.98 1.82 -0.24	32.39 1.77 0.12	30.60 1.65 0.19	32.28 1.78 0.00	29.01 1.63 0.18	35.12 1.77 -0.02	276.05 1.76 -237.64	36.19 1.64 0.00	38.04 1.62 0.00	41.15 1.85 0.00	39.94 1.82 0.00	35.84 1.54 0.00	32.31 1.42 0.00	31.45 1.25 0.00
BAYONEEC___CTG2 323683	29.53 1.11 0.00	26.19 0.99 0.00	26.34 0.88 0.00	25.63 0.92 0.00	25.94 0.95 0.00	25.97 1.02 0.00	31.81 1.27 0.00	29.54 1.48 0.00	28.96 1.66 0.00	29.85 1.79 0.71	31.98 1.82 -0.24	32.39 1.77 0.12	30.60 1.65 0.19	32.28 1.78 0.00	29.01 1.63 0.18	35.12 1.77 -0.02	276.05 1.76 -237.64	36.19 1.64 0.00	38.04 1.62 0.00	41.15 1.85 0.00	39.94 1.82 0.00	35.84 1.54 0.00	32.31 1.42 0.00	31.45 1.25 0.00
BAYONEEC___CTG3 323684	29.53 1.11 0.00	26.19 0.99 0.00	26.34 0.88 0.00	25.63 0.92 0.00	25.94 0.95 0.00	25.97 1.02 0.00	31.81 1.27 0.00	29.54 1.48 0.00	28.96 1.66 0.00	29.85 1.79 0.71	31.98 1.82 -0.24	32.39 1.77 0.12	30.60 1.65 0.19	32.28 1.78 0.00	29.01 1.63 0.18	35.12 1.77 -0.02	276.05 1.76 -237.64	36.19 1.64 0.00	38.04 1.62 0.00	41.15 1.85 0.00	39.94 1.82 0.00	35.84 1.54 0.00	32.31 1.42 0.00	31.45 1.25 0.00
BAYONEEC___CTG4 323685	29.53 1.11 0.00	26.19 0.99 0.00	26.34 0.88 0.00	25.63 0.92 0.00	25.94 0.95 0.00	25.97 1.02 0.00	31.81 1.27 0.00	29.54 1.48 0.00	28.96 1.66 0.00	29.85 1.79 0.71	31.98 1.82 -0.24	32.39 1.77 0.12	30.60 1.65 0.19	32.28 1.78 0.00	29.01 1.63 0.18	35.12 1.77 -0.02	276.05 1.76 -237.64	36.19 1.64 0.00	38.04 1.62 0.00	41.15 1.85 0.00	39.94 1.82 0.00	35.84 1.54 0.00	32.31 1.42 0.00	31.45 1.25 0.00
BAYONEEC___CTG5 323686	29.53 1.11 0.00	26.19 0.99 0.00	26.34 0.88 0.00	25.63 0.92 0.00	25.94 0.95 0.00	25.97 1.02 0.00	31.81 1.27 0.00	29.54 1.48 0.00	28.96 1.66 0.00	29.85 1.79 0.71	31.98 1.82 -0.24	32.39 1.77 0.12	30.60 1.65 0.19	32.28 1.78 0.00	29.01 1.63 0.18	35.12 1.77 -0.02	276.05 1.76 -237.64	36.19 1.64 0.00	38.04 1.62 0.00	41.15 1.85 0.00	39.94 1.82 0.00	35.84 1.54 0.00	32.31 1.42 0.00	31.45 1.25 0.00
BAYONEEC___CTG6 323687	29.53 1.11 0.00	26.19 0.99 0.00	26.34 0.88 0.00	25.63 0.92 0.00	25.94 0.95 0.00	25.97 1.02 0.00	31.81 1.27 0.00	29.54 1.48 0.00	28.96 1.66 0.00	29.85 1.79 0.71	31.98 1.82 -0.24	32.39 1.77 0.12	30.60 1.65 0.19	32.28 1.78 0.00	29.01 1.63 0.18	35.12 1.77 -0.02	276.05 1.76 -237.64	36.19 1.64 0.00	38.04 1.62 0.00	41.15 1.85 0.00	39.94 1.82 0.00	35.84 1.54 0.00	32.31 1.42 0.00	31.45 1.25 0.00

BAYONEEC___CTG7 323688	29.53 1.11 0.00	26.19 0.99 0.00	26.34 0.88 0.00	25.63 0.92 0.00	25.94 0.95 0.00	25.97 1.02 0.00	31.81 1.27 0.00	29.54 1.48 0.00	28.96 1.66 0.00	29.85 1.79 0.71	31.98 1.82 -0.24	32.39 1.77 0.12	30.60 1.65 0.19	32.28 1.78 0.00	29.01 1.63 0.18	35.12 1.77 -0.02	276.05 1.76 -237.64	36.19 1.64 0.00	38.04 1.62 0.00	41.15 1.85 0.00	39.94 1.82 0.00	35.84 1.54 0.00	32.31 1.42 0.00	31.45 1.25 0.00
BAYONEEC___CTG8 323689	29.53 1.11 0.00	26.19 0.99 0.00	26.34 0.88 0.00	25.63 0.92 0.00	25.94 0.95 0.00	25.97 1.02 0.00	31.81 1.27 0.00	29.54 1.48 0.00	28.96 1.66 0.00	29.85 1.79 0.71	31.98 1.82 -0.24	32.39 1.77 0.12	30.60 1.65 0.19	32.28 1.78 0.00	29.01 1.63 0.18	35.12 1.77 -0.02	276.05 1.76 -237.64	36.19 1.64 0.00	38.04 1.62 0.00	41.15 1.85 0.00	39.94 1.82 0.00	35.84 1.54 0.00	32.31 1.42 0.00	31.45 1.25 0.00
BAYONEEC___CTG9 323749	29.53 1.11 0.00	26.19 0.99 0.00	26.34 0.88 0.00	25.63 0.92 0.00	25.94 0.95 0.00	25.97 1.02 0.00	31.81 1.27 0.00	29.54 1.48 0.00	28.96 1.66 0.00	29.85 1.79 0.71	31.98 1.82 -0.24	32.39 1.77 0.12	30.60 1.65 0.19	32.28 1.78 0.00	29.01 1.63 0.18	35.12 1.77 -0.02	276.05 1.76 -237.64	36.19 1.64 0.00	38.04 1.62 0.00	41.15 1.85 0.00	39.94 1.82 0.00	35.84 1.54 0.00	32.31 1.42 0.00	31.45 1.25 0.00
BEACON___LESR 323632	28.84 0.42 0.00	25.56 0.35 0.00	25.86 0.40 0.00	25.06 0.35 0.00	25.36 0.38 0.00	25.39 0.44 0.00	30.99 0.44 0.00	28.49 0.43 0.00	27.79 0.49 0.00	29.23 0.45 0.00	30.04 0.33 0.21	30.98 0.34 0.11	29.42 0.32 0.04	30.98 0.48 0.00	28.25 0.40 -0.30	34.04 0.70 0.00	37.26 0.61 0.00	35.08 0.53 0.00	36.95 0.54 0.00	40.16 0.86 0.00	38.99 0.87 0.00	34.89 0.59 0.00	31.31 0.42 0.00	30.58 0.38 0.00
BEAVER RIVER___HYD 24048	29.59 1.17 0.00	26.22 1.02 0.00	26.40 0.94 0.00	25.56 0.85 0.00	25.83 0.84 0.00	25.93 0.97 0.00	32.02 1.47 0.00	29.36 1.30 0.00	28.40 1.10 0.00	29.59 0.82 0.00	30.60 0.67 0.00	31.37 0.62 0.00	29.70 0.56 0.00	31.22 0.72 0.00	28.37 0.82 0.00	34.73 1.38 0.00	38.43 1.78 0.00	36.37 1.82 0.00	38.72 2.30 0.00	41.66 2.36 0.00	40.31 2.19 0.00	36.16 1.86 0.00	32.43 1.55 0.00	31.57 1.38 0.00
BEEBEE_GT_13 23619	28.08 -0.34 0.00	24.66 -0.55 0.00	24.95 -0.51 0.00	24.16 -0.56 0.00	24.37 -0.61 0.00	24.45 -0.50 0.00	30.20 -0.34 0.00	27.59 -0.47 0.00	26.80 -0.50 0.00	28.49 -0.29 0.00	29.84 -0.08 0.00	31.09 0.33 0.00	29.62 0.47 0.00	30.78 0.28 0.00	27.57 0.02 0.00	33.14 -0.20 0.00	36.81 0.16 0.00	34.88 0.33 0.00	36.98 0.56 0.00	39.44 0.14 0.00	38.09 -0.03 0.00	34.48 0.18 0.00	30.94 0.06 0.00	30.02 -0.18 0.00
BENSHRST_27_KV_BENSHRST_1 355998	29.87 1.45 0.00	26.49 1.29 0.00	26.61 1.16 0.00	25.91 1.20 0.00	26.22 1.23 0.00	26.26 1.31 0.00	32.22 1.68 0.00	29.93 1.87 0.00	29.35 2.05 0.00	30.99 2.22 0.00	32.43 2.27 -0.24	33.14 2.27 -0.12	31.31 2.13 -0.04	32.76 2.26 0.00	31.20 2.06 -1.59	35.63 2.29 0.00	1181.18 2.48 -1142.05	36.67 2.12 0.00	38.49 2.07 0.00	41.69 2.39 0.00	40.49 2.37 0.00	36.34 2.04 0.00	32.74 1.85 0.00	31.82 1.63 0.00
BETHLEHEM___GRP 23843	28.44 0.02 0.00	25.25 0.05 0.00	25.53 0.08 0.00	24.76 0.05 0.00	25.06 0.08 0.00	25.05 0.10 0.00	30.50 -0.05 0.00	28.10 0.05 0.00	27.37 0.06 0.00	28.78 0.01 0.00	29.62 -0.10 0.20	30.50 -0.15 0.10	29.02 -0.09 0.04	30.49 -0.01 0.00	27.90 0.04 -0.30	33.47 0.13 0.00	36.64 -0.01 0.00	34.51 -0.04 0.00	36.30 -0.12 0.00	39.41 0.11 0.00	38.26 0.14 0.00	34.33 0.02 0.00	30.87 -0.02 0.00	30.15 -0.04 0.00
BETHLEHEM___GS1 323560	28.44 0.02 0.00	25.25 0.05 0.00	25.53 0.08 0.00	24.76 0.05 0.00	25.06 0.08 0.00	25.04 0.09 0.00	30.50 -0.05 0.00	28.10 0.05 0.00	27.37 0.06 0.00	28.78 0.01 0.00	29.62 -0.10 0.20	30.50 -0.15 0.10	29.02 -0.09 0.04	30.49 -0.01 0.00	27.90 0.04 -0.30	33.47 0.13 0.00	36.64 -0.01 0.00	34.51 -0.04 0.00	36.30 -0.12 0.00	39.41 0.11 0.00	38.26 0.14 0.00	34.33 0.02 0.00	30.87 -0.02 0.00	30.15 -0.04 0.00
BETHLEHEM___GS2 323561	28.44 0.02 0.00	25.25 0.05 0.00	25.53 0.08 0.00	24.76 0.05 0.00	25.06 0.08 0.00	25.04 0.09 0.00	30.50 -0.05 0.00	28.10 0.05 0.00	27.37 0.06 0.00	28.78 0.01 0.00	29.62 -0.10 0.20	30.50 -0.15 0.10	29.02 -0.09 0.04	30.49 -0.01 0.00	27.90 0.04 -0.30	33.47 0.13 0.00	36.64 -0.01 0.00	34.51 -0.04 0.00	36.30 -0.12 0.00	39.41 0.11 0.00	38.26 0.14 0.00	34.33 0.02 0.00	30.87 -0.02 0.00	30.15 -0.04 0.00
BETHLEHEM___GS3 323562	28.44 0.02 0.00	25.25 0.05 0.00	25.53 0.08 0.00	24.76 0.05 0.00	25.06 0.08 0.00	25.04 0.09 0.00	30.50 -0.05 0.00	28.10 0.05 0.00	27.37 0.06 0.00	28.78 0.01 0.00	29.62 -0.10 0.20	30.50 -0.15 0.10	29.02 -0.09 0.04	30.49 -0.01 0.00	27.90 0.04 -0.30	33.47 0.13 0.00	36.64 -0.01 0.00	34.51 -0.04 0.00	36.30 -0.12 0.00	39.41 0.11 0.00	38.26 0.14 0.00	34.33 0.02 0.00	30.87 -0.02 0.00	30.15 -0.04 0.00
BETHLEHEM___STEEL 23779	28.23 -0.19 0.00	24.71 -0.49 0.00	25.05 -0.40 0.00	24.23 -0.48 0.00	24.43 -0.55 0.00	24.52 -0.43 0.00	30.40 -0.15 0.00	27.69 -0.37 0.00	26.90 -0.40 0.00	28.77 0.00 0.00	30.29 0.37 0.00	31.71 0.96 0.00	30.17 1.03 0.00	31.31 0.81 0.00	27.80 0.24 0.00	33.46 0.10 -0.02	37.10 0.45 0.00	35.24 0.69 0.00	37.43 1.01 0.00	39.65 0.35 0.00	38.25 0.13 0.00	34.85 0.55 0.00	31.29 0.40 0.00	30.32 0.13 0.00
BETHLHEM_115KV_TB1 79974	28.52 0.10 0.00	25.31 0.11 0.00	25.60 0.14 0.00	24.83 0.12 0.00	25.13 0.14 0.00	25.10 0.15 0.00	30.58 0.04 0.00	28.19 0.13 0.00	27.45 0.15 0.00	28.87 0.10 0.00	29.72 -0.01 0.19	30.61 -0.04 0.10	29.11 0.01 0.03	30.58 0.08 0.00	27.97 0.12 -0.30	33.55 0.21 0.00	36.73 0.08 0.00	34.61 0.06 0.00	36.40 -0.02 0.00	39.50 0.20 0.00	38.36 0.25 0.00	34.41 0.11 0.00	30.96 0.07 0.00	30.24 0.04 0.00
BETHPAGE_CC_5 323564	54.53 1.14 -24.98	27.87 1.23 -1.45	26.58 1.12 0.00	25.84 1.13 0.00	26.19 1.20 0.00	26.26 1.27 -0.03	61.40 1.66 -29.19	68.08 1.81 -38.21	33.28 1.96 -4.02	30.88 1.99 -0.11	32.78 2.10 -0.76	32.96 2.00 -0.21	33.05 1.96 -1.96	33.31 2.04 -0.77	34.07 1.87 -4.64	35.04 1.70 0.00	38.09 1.44 0.00	36.05 1.50 0.00	37.75 1.33 0.00	41.11 1.81 0.00	39.89 1.77 0.00	35.87 1.57 0.00	32.67 1.72 -0.06	31.99 1.57 -0.23
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.38 -0.05 0.00	24.84 -0.36 0.00	25.18 -0.28 0.00	24.36 -0.35 0.00	24.56 -0.43 0.00	24.65 -0.30 0.00	30.57 0.02 0.00	27.86 -0.20 0.00	27.07 -0.23 0.00	28.95 0.17 0.00	30.47 0.55 0.00	31.90 1.15 0.00	30.34 1.20 0.00	31.50 1.00 0.00	27.98 0.43 0.00	33.69 0.32 -0.02	37.34 0.69 0.00	35.48 0.93 0.00	37.67 1.25 0.00	39.90 0.60 0.00	38.48 0.36 0.00	35.05 0.75 0.00	31.46 0.57 0.00	30.48 0.29 0.00

BINGHAMTON___COGEN 23790	28.43 0.00 0.00	25.16 -0.04 0.00	25.47 0.01 0.00	24.72 0.01 0.00	25.01 0.02 0.00	24.98 0.03 0.00	30.81 0.27 0.00	28.42 0.36 0.00	27.67 0.37 0.00	29.19 0.42 0.00	30.43 0.51 0.00	31.43 0.68 0.00	29.78 0.64 0.00	31.10 0.60 0.00	28.04 0.49 0.00	33.88 0.54 0.00	37.26 0.61 0.00	35.18 0.63 0.00	37.24 0.82 0.00	40.10 0.80 0.00	38.77 0.65 0.00	34.88 0.58 0.00	31.34 0.45 0.00	30.49 0.30 0.00
BIXINCNT_115KV_LOAD 355685	28.62 0.20 0.00	25.12 -0.08 0.00	25.48 0.03 0.00	24.70 -0.01 0.00	24.94 -0.05 0.00	25.02 0.07 0.00	31.10 0.56 0.00	28.49 0.43 0.00	27.69 0.38 0.00	29.57 0.80 0.00	31.05 1.13 0.00	32.43 1.68 0.00	30.76 1.62 0.00	31.99 1.49 0.00	28.47 0.92 0.00	34.28 0.92 -0.02	37.84 1.19 0.00	35.98 1.43 0.00	38.29 1.87 0.00	40.50 1.20 0.00	39.00 0.89 0.00	35.46 1.16 0.00	31.84 0.95 0.00	30.88 0.69 0.00
BLACK RIVER___HYD 24047	29.84 1.42 0.00	26.41 1.21 0.00	26.55 1.09 0.00	25.69 0.98 0.00	25.97 0.98 0.00	26.11 1.16 0.00	32.30 1.75 0.00	29.65 1.59 0.00	28.66 1.36 0.00	29.75 0.97 0.00	30.73 0.81 0.00	31.53 0.77 0.00	29.86 0.72 0.00	31.47 0.97 0.00	28.60 1.05 0.00	35.15 1.81 0.00	38.95 2.31 0.00	36.91 2.36 0.00	39.46 3.04 0.00	42.38 3.08 0.00	40.93 2.82 0.00	36.67 2.37 0.00	32.84 1.95 0.00	31.88 1.69 0.00
BLACKRVR_115KV_TB2 79977	29.84 1.42 0.00	26.41 1.21 0.00	26.55 1.09 0.00	25.69 0.98 0.00	25.97 0.98 0.00	26.11 1.16 0.00	32.30 1.75 0.00	29.65 1.59 0.00	28.66 1.36 0.00	29.75 0.97 0.00	30.73 0.81 0.00	31.52 0.77 0.00	29.86 0.72 0.00	31.47 0.97 0.00	28.60 1.04 0.00	35.15 1.81 0.00	38.95 2.31 0.00	36.92 2.37 0.00	39.46 3.04 0.00	42.38 3.08 0.00	40.93 2.82 0.00	36.67 2.37 0.00	32.84 1.95 0.00	31.88 1.69 0.00
BLISS_WT_PWR 323608	28.60 0.18 0.00	25.11 -0.09 0.00	25.48 0.02 0.00	24.70 -0.01 0.00	24.95 -0.04 0.00	25.02 0.07 0.00	31.12 0.57 0.00	28.51 0.45 0.00	27.71 0.41 0.00	29.60 0.83 0.00	31.10 1.18 0.00	32.52 1.77 0.00	30.79 1.65 0.00	32.03 1.53 0.00	28.51 0.96 0.00	34.31 0.95 -0.02	37.85 1.20 0.00	35.99 1.44 0.00	38.31 1.89 0.00	40.49 1.18 0.00	38.98 0.87 0.00	35.46 1.16 0.00	31.85 0.96 0.00	30.90 0.70 0.00
BLUESTONE___WT_PWR 323821	29.40 0.98 0.00	26.05 0.85 0.00	26.48 1.02 0.00	25.71 1.00 0.00	26.05 1.06 0.00	26.10 1.15 0.00	32.33 1.78 0.00	29.77 1.71 0.00	28.86 1.55 0.00	30.38 1.60 0.00	31.71 1.79 0.00	32.81 2.06 0.00	31.06 1.92 0.00	32.35 1.85 0.00	29.17 1.62 0.00	35.32 1.98 0.00	39.01 2.36 0.00	36.89 2.34 0.00	39.30 2.88 0.00	42.24 2.94 0.00	40.83 2.72 0.00	36.61 2.31 0.00	32.79 1.91 0.00	31.82 1.62 0.00
BLUE_CIRC_CHEM_DRP 24182	28.87 0.45 0.00	25.65 0.44 0.00	25.98 0.52 0.00	25.20 0.48 0.00	25.50 0.51 0.00	25.46 0.51 0.00	31.05 0.51 0.00	28.56 0.50 0.00	27.75 0.45 0.00	29.13 0.35 0.00	29.97 0.19 0.14	30.86 0.18 0.07	29.32 0.21 0.03	30.76 0.26 0.00	27.85 0.30 0.00	33.88 0.53 0.00	37.16 0.51 0.00	35.05 0.50 0.00	36.89 0.48 0.00	40.05 0.75 0.00	38.87 0.75 0.00	34.89 0.59 0.00	31.39 0.50 0.00	30.67 0.47 0.00
BOC_GAS_DRP 24189	28.70 0.28 0.00	25.47 0.27 0.00	25.76 0.30 0.00	24.99 0.28 0.00	25.29 0.30 0.00	25.24 0.29 0.00	30.80 0.25 0.00	28.39 0.33 0.00	27.66 0.36 0.00	29.11 0.33 0.00	30.06 0.26 0.13	30.92 0.24 0.07	29.37 0.25 0.02	30.82 0.32 0.00	28.16 0.31 -0.30	33.74 0.39 0.00	36.95 0.30 0.00	34.81 0.26 0.00	36.64 0.22 0.00	39.73 0.42 0.00	38.56 0.45 0.00	34.62 0.32 0.00	31.17 0.28 0.00	30.45 0.25 0.00
BOONVILLE_115KV_TB1 79983	29.35 0.92 0.00	25.98 0.78 0.00	26.23 0.78 0.00	25.41 0.70 0.00	25.69 0.70 0.00	25.75 0.80 0.00	31.71 1.16 0.00	29.13 1.07 0.00	28.24 0.94 0.00	29.58 0.81 0.00	30.67 0.75 0.00	31.54 0.79 0.00	29.91 0.77 0.00	31.39 0.89 0.00	28.48 0.93 0.00	34.59 1.24 0.00	38.20 1.55 0.00	36.14 1.59 0.00	38.21 1.79 0.00	41.22 1.92 0.00	39.87 1.76 0.00	35.79 1.49 0.00	32.12 1.23 0.00	31.27 1.07 0.00
BORALEX_4TH_BRANCH 23824	29.84 1.42 0.00	26.49 1.29 0.00	26.71 1.25 0.00	25.87 1.16 0.00	26.18 1.20 0.00	26.13 1.19 0.00	31.59 1.05 0.00	29.10 1.04 0.00	28.26 0.96 0.00	29.62 0.85 0.00	30.13 0.70 0.49	31.13 0.63 0.26	29.70 0.65 0.09	31.33 0.83 0.00	28.66 0.76 -0.35	34.43 1.09 0.00	37.52 0.87 0.00	35.24 0.70 0.00	37.08 0.66 0.00	40.47 1.17 0.00	39.51 1.40 0.00	35.46 1.16 0.00	31.92 1.03 0.00	31.28 1.08 0.00
BOWLINE___1 23526	29.11 0.69 0.00	25.81 0.61 0.00	25.99 0.53 0.00	25.27 0.56 0.00	25.59 0.60 0.00	25.59 0.64 0.00	31.35 0.81 0.00	29.05 0.99 0.00	28.44 1.14 0.00	29.99 1.21 0.00	31.39 1.25 -0.22	32.04 1.18 -0.11	30.26 1.08 -0.04	31.67 1.17 0.00	25.56 1.06 3.05	34.45 1.11 0.00	37.71 1.07 0.00	35.58 1.04 0.00	37.41 1.00 0.00	40.52 1.22 0.00	39.26 1.14 0.00	35.21 0.92 0.00	31.75 0.87 0.00	30.96 0.76 0.00
BOWLINE___2 23595	29.11 0.69 0.00	25.81 0.61 0.00	25.99 0.53 0.00	25.27 0.56 0.00	25.59 0.60 0.00	25.59 0.64 0.00	31.35 0.81 0.00	29.06 0.99 0.00	28.44 1.14 0.00	29.99 1.21 0.00	31.39 1.25 -0.22	32.04 1.17 -0.11	30.24 1.06 -0.04	31.65 1.15 0.00	25.53 1.04 3.06	34.41 1.07 0.00	37.65 1.00 0.00	35.53 0.98 0.00	37.36 0.94 0.00	40.45 1.15 0.00	39.19 1.08 0.00	35.15 0.85 0.00	31.72 0.84 0.00	30.93 0.74 0.00
BRADY___115KV_TB2 356060	29.12 0.70 0.00	25.89 0.69 0.00	26.07 0.61 0.00	25.30 0.59 0.00	25.55 0.56 0.00	25.53 0.58 0.00	31.36 0.82 0.00	28.66 0.59 0.00	27.64 0.34 0.00	29.03 0.25 0.00	30.04 0.12 0.00	30.76 0.00 0.00	29.05 -0.09 0.00	30.32 -0.17 0.00	27.46 -0.09 0.00	33.48 0.14 0.00	37.09 0.44 0.00	34.96 0.41 0.00	37.08 0.66 0.00	39.96 0.65 0.00	38.82 0.71 0.00	35.04 0.74 0.00	31.59 0.71 0.00	31.02 0.82 0.00
BRANSCOMB___SOLAR 323811	29.64 1.21 0.00	26.19 0.98 0.00	26.43 0.97 0.00	25.63 0.92 0.00	26.05 1.06 0.00	26.14 1.18 0.00	31.92 1.38 0.00	29.41 1.35 0.00	28.56 1.26 0.00	29.86 1.09 0.00	30.66 1.00 0.26	31.59 0.97 0.14	30.18 1.09 0.05	31.70 1.20 0.00	28.99 1.14 -0.30	35.03 1.69 0.00	38.47 1.83 0.00	36.24 1.69 0.00	38.21 1.79 0.00	41.55 2.25 0.00	40.16 2.04 0.00	35.98 1.69 0.00	32.31 1.42 0.00	31.55 1.36 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	54.65 1.25 -24.98	27.92 1.28 -1.45	26.65 1.19 0.00	25.91 1.20 0.00	26.27 1.28 0.00	26.33 1.35 -0.03	61.52 1.78 -29.19	68.20 1.92 -38.21	33.37 2.05 -4.02	30.94 2.06 -0.11	32.89 2.21 -0.76	33.06 2.10 -0.21	33.14 2.04 -1.96	33.36 2.09 -0.77	34.18 1.98 -4.64	35.06 1.72 0.00	37.96 1.31 0.00	36.01 1.46 0.00	37.69 1.27 0.00	41.16 1.87 0.00	39.87 1.75 0.00	35.81 1.51 0.00	32.68 1.73 -0.06	32.06 1.63 -0.23



BRISTLHL_115KV_TB1 79998	28.01 -0.41 0.00	24.81 -0.39 0.00	25.07 -0.39 0.00	24.33 -0.38 0.00	24.61 -0.38 0.00	24.59 -0.36 0.00	30.20 -0.35 0.00	27.78 -0.28 0.00	27.02 -0.29 0.00	28.48 -0.30 0.00	29.63 -0.30 0.00	30.51 -0.24 0.00	28.96 -0.18 0.00	30.34 -0.16 0.00	27.38 -0.17 0.00	33.13 -0.21 0.00	36.45 -0.20 0.00	34.35 -0.20 0.00	36.32 -0.10 0.00	39.12 -0.18 0.00	37.86 -0.26 0.00	34.06 -0.24 0.00	30.61 -0.28 0.00	29.80 -0.40 0.00
BROOKHAVEN___DRP 24191	54.23 0.83 -24.98	27.57 0.93 -1.45	26.29 0.83 0.00	25.56 0.85 0.00	25.93 0.94 0.00	25.99 1.00 -0.03	61.05 1.30 -29.19	67.78 1.50 -38.21	32.97 1.65 -4.02	30.53 1.64 -0.11	32.47 1.79 -0.76	32.62 1.66 -0.21	32.70 1.61 -1.96	32.91 1.64 -0.77	33.73 1.54 -4.64	34.53 1.18 0.00	37.37 0.72 0.00	35.45 0.90 0.00	37.06 0.64 0.00	40.59 1.29 0.00	39.27 1.15 0.00	35.23 0.93 0.00	32.15 1.20 -0.06	31.51 1.09 -0.23
BROOKLYN_NAVY_YARD 23515	29.51 1.09 0.00	26.19 0.99 0.00	26.31 0.86 0.00	25.64 0.93 0.00	25.93 0.94 0.00	25.96 1.01 0.00	31.83 1.28 0.00	29.55 1.49 0.00	28.97 1.67 0.00	30.58 1.80 0.00	32.00 1.84 -0.24	32.65 1.77 -0.12	30.84 1.65 -0.04	32.28 1.78 0.00	30.78 1.64 -1.59	35.11 1.77 0.00	38.40 1.76 0.00	36.17 1.62 0.00	38.04 1.62 0.00	41.14 1.84 0.00	39.91 1.80 0.00	35.81 1.51 0.00	32.29 1.40 0.00	31.42 1.22 0.00
BROOKLYN___ARMY_DRP 323595	29.70 1.28 0.00	26.36 1.15 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.07 -0.24	32.93 2.05 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.87 -1.59	35.41 2.06 0.00	1064.35 2.22 -1025.49	36.43 1.87 0.00	38.23 1.81 0.00	41.41 2.11 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
BROOKVLE_69_KV_TB1 55790	54.73 1.33 -24.98	28.05 1.40 -1.45	26.75 1.30 0.00	26.01 1.30 0.00	26.37 1.38 0.00	26.44 1.46 -0.03	61.61 1.87 -29.19	68.30 2.02 -38.21	33.50 2.18 -4.02	31.14 2.26 -0.11	33.07 2.39 -0.76	33.33 2.37 -0.21	33.38 2.29 -1.96	33.67 2.40 -0.77	34.39 2.20 -4.64	35.52 2.17 0.00	38.53 1.88 0.00	36.42 1.87 0.00	38.15 1.73 0.00	41.50 2.20 0.00	40.41 2.30 0.00	36.28 1.98 0.00	32.96 2.01 -0.06	32.25 1.83 -0.23
BROOME_2_LFGE 323671	28.43 0.00 0.00	25.16 -0.04 0.00	25.47 0.01 0.00	24.72 0.01 0.00	25.01 0.02 0.00	24.98 0.03 0.00	30.81 0.27 0.00	28.42 0.36 0.00	27.67 0.37 0.00	29.19 0.42 0.00	30.43 0.51 0.00	31.44 0.69 0.00	29.78 0.64 0.00	31.10 0.60 0.00	28.04 0.49 0.00	33.88 0.54 0.00	37.26 0.61 0.00	35.18 0.63 0.00	37.24 0.82 0.00	40.10 0.79 0.00	38.77 0.65 0.00	34.88 0.58 0.00	31.34 0.45 0.00	30.50 0.30 0.00
BROOME___LFGE 323600	28.43 0.00 0.00	25.16 -0.04 0.00	25.47 0.01 0.00	24.72 0.01 0.00	25.01 0.02 0.00	24.98 0.03 0.00	30.81 0.27 0.00	28.42 0.36 0.00	27.67 0.37 0.00	29.19 0.42 0.00	30.43 0.51 0.00	31.44 0.69 0.00	29.78 0.64 0.00	31.10 0.60 0.00	28.04 0.49 0.00	33.88 0.54 0.00	37.26 0.61 0.00	35.18 0.63 0.00	37.24 0.82 0.00	40.10 0.79 0.00	38.77 0.65 0.00	34.88 0.58 0.00	31.34 0.45 0.00	30.50 0.30 0.00
BROWNFLS_115KV_TB_3_5 80003	29.26 0.84 0.00	25.97 0.77 0.00	26.15 0.70 0.00	25.35 0.64 0.00	25.60 0.62 0.00	25.65 0.70 0.00	31.61 1.06 0.00	28.95 0.89 0.00	27.99 0.69 0.00	29.29 0.51 0.00	30.31 0.39 0.00	31.06 0.31 0.00	29.36 0.22 0.00	30.80 0.30 0.00	27.94 0.39 0.00	34.15 0.80 0.00	37.75 1.10 0.00	35.63 1.08 0.00	37.84 1.42 0.00	40.74 1.44 0.00	39.48 1.36 0.00	35.52 1.22 0.00	31.92 1.03 0.00	31.18 0.99 0.00
BROWNSV1_27_KV_LOAD 356125	29.83 1.40 0.00	26.45 1.25 0.00	26.59 1.13 0.00	25.87 1.16 0.00	26.19 1.20 0.00	26.22 1.27 0.00	32.15 1.61 0.00	29.88 1.81 0.00	29.29 1.99 0.00	30.91 2.14 0.00	32.35 2.19 -0.24	33.04 2.16 -0.12	31.21 2.02 -0.04	32.67 2.17 0.00	31.12 1.98 -1.59	35.53 2.18 0.00	38.89 2.25 0.00	36.64 2.09 0.00	38.48 2.07 0.00	41.63 2.33 0.00	40.41 2.30 0.00	36.26 1.96 0.00	32.68 1.79 0.00	31.79 1.59 0.00
BURROWS___LYONSDAL 23803	29.40 0.98 0.00	26.04 0.83 0.00	26.28 0.82 0.00	25.46 0.74 0.00	25.72 0.73 0.00	25.79 0.85 0.00	31.79 1.25 0.00	29.18 1.12 0.00	28.29 0.99 0.00	29.59 0.82 0.00	30.65 0.73 0.00	31.51 0.76 0.00	29.87 0.73 0.00	31.36 0.86 0.00	28.47 0.92 0.00	34.63 1.29 0.00	38.27 1.62 0.00	36.21 1.66 0.00	38.35 1.93 0.00	41.33 2.03 0.00	39.98 1.87 0.00	35.89 1.59 0.00	32.20 1.32 0.00	31.35 1.15 0.00
CAITHNESS_CC_1 323624	54.24 0.84 -24.98	27.59 0.94 -1.45	26.30 0.84 0.00	25.58 0.87 0.00	25.94 0.95 0.00	25.99 1.01 -0.03	61.06 1.32 -29.19	67.78 1.50 -38.21	32.98 1.66 -4.02	30.53 1.65 -0.11	32.46 1.78 -0.76	32.59 1.63 -0.21	32.71 1.62 -1.96	32.93 1.66 -0.77	33.74 1.55 -4.64	34.54 1.20 0.00	37.38 0.73 0.00	35.45 0.90 0.00	37.06 0.64 0.00	40.58 1.28 0.00	39.28 1.16 0.00	35.25 0.95 0.00	32.18 1.24 -0.06	31.54 1.11 -0.23
CALPINE BETH_PAGE_GT4 24209	54.56 1.16 -24.98	27.90 1.25 -1.45	26.61 1.15 0.00	25.87 1.15 0.00	26.22 1.23 0.00	26.28 1.30 -0.03	61.43 1.69 -29.19	68.11 1.84 -38.21	33.31 1.99 -4.02	30.91 2.03 -0.11	32.82 2.14 -0.76	33.04 2.08 -0.21	33.09 2.00 -1.96	33.37 2.10 -0.77	34.12 1.93 -4.64	35.12 1.78 0.00	38.20 1.55 0.00	36.15 1.60 0.00	37.84 1.43 0.00	41.22 1.92 0.00	39.99 1.88 0.00	35.94 1.64 0.00	32.71 1.76 -0.06	32.04 1.61 -0.23
CALPINE_BETH_PAGE_GT_4 323586	54.56 1.16 -24.98	27.90 1.25 -1.45	26.61 1.15 0.00	25.87 1.15 0.00	26.22 1.23 0.00	26.28 1.30 -0.03	61.43 1.69 -29.19	68.12 1.84 -38.21	33.31 1.99 -4.02	30.91 2.03 -0.11	32.82 2.14 -0.76	33.01 2.05 -0.21	33.09 2.00 -1.96	33.37 2.10 -0.77	34.12 1.93 -4.64	35.12 1.77 0.00	38.19 1.55 0.00	36.14 1.59 0.00	37.84 1.43 0.00	41.22 1.92 0.00	39.99 1.88 0.00	35.94 1.64 0.00	32.71 1.76 -0.06	32.03 1.61 -0.23
CALPINE_BP_GT1 23823	54.56 1.16 -24.98	27.90 1.25 -1.45	26.61 1.15 0.00	25.87 1.15 0.00	26.22 1.23 0.00	26.28 1.30 -0.03	61.43 1.69 -29.19	68.12 1.84 -38.21	33.31 1.99 -4.02	30.91 2.03 -0.11	32.82 2.14 -0.76	33.01 2.05 -0.21	33.09 2.00 -1.96	33.37 2.10 -0.77	34.12 1.93 -4.64	35.12 1.77 0.00	38.19 1.55 0.00	36.14 1.59 0.00	37.84 1.43 0.00	41.22 1.92 0.00	39.99 1.88 0.00	35.94 1.64 0.00	32.71 1.76 -0.06	32.03 1.61 -0.23
CALSPAN___DRP 24200	28.23 -0.19 0.00	24.71 -0.49 0.00	25.05 -0.40 0.00	24.23 -0.48 0.00	24.43 -0.55 0.00	24.52 -0.43 0.00	30.40 -0.15 0.00	27.69 -0.37 0.00	26.90 -0.40 0.00	28.77 0.00 0.00	30.29 0.37 0.00	31.71 0.96 0.00	30.17 1.03 0.00	31.31 0.81 0.00	27.80 0.24 0.00	33.46 0.10 -0.02	37.10 0.45 0.00	35.24 0.69 0.00	37.43 1.01 0.00	39.65 0.35 0.00	38.25 0.13 0.00	34.85 0.55 0.00	31.29 0.40 0.00	30.32 0.13 0.00

CALVERTON___SOLAR 323806	54.26 0.86 -24.98	27.59 0.95 -1.45	26.31 0.85 0.00	25.58 0.87 0.00	25.95 0.96 0.00	26.01 1.02 -0.03	61.08 1.34 -29.19	67.80 1.53 -38.21	33.00 1.68 -4.02	30.55 1.66 -0.11	32.48 1.80 -0.76	32.61 1.65 -0.21	32.72 1.62 -1.96	32.94 1.67 -0.77	33.75 1.56 -4.64	34.54 1.20 0.00	37.38 0.73 0.00	35.48 0.93 0.00	37.09 0.67 0.00	40.63 1.33 0.00	39.29 1.17 0.00	35.22 0.92 0.00	32.14 1.19 -0.06	31.49 1.07 -0.23
CANDIGU_WT_PWR 323617	28.18 -0.24 0.00	24.86 -0.34 0.00	25.19 -0.27 0.00	24.41 -0.30 0.00	24.69 -0.31 0.00	24.90 -0.05 0.00	30.92 0.37 0.00	28.39 0.34 0.00	27.58 0.28 0.00	29.25 0.47 0.00	30.66 0.74 0.00	31.96 1.21 0.00	30.31 1.17 0.00	31.53 1.03 0.00	28.21 0.66 0.00	34.04 0.69 -0.01	37.60 0.95 0.00	35.63 1.08 0.00	37.85 1.43 0.00	40.42 1.12 0.00	38.90 0.79 0.00	35.27 0.97 0.00	31.66 0.77 0.00	30.69 0.50 0.00
CARR STREET_E_SYR 24060	28.20 -0.22 0.00	24.96 -0.24 0.00	25.22 -0.24 0.00	24.48 -0.23 0.00	24.75 -0.24 0.00	24.74 -0.21 0.00	30.39 -0.15 0.00	27.97 -0.09 0.00	27.21 -0.09 0.00	28.70 -0.08 0.00	29.90 -0.02 0.00	30.87 0.12 0.00	29.29 0.14 0.00	30.63 0.13 0.00	27.64 0.08 0.00	33.40 0.05 0.00	36.68 0.03 0.00	34.55 0.00 0.00	36.52 0.10 0.00	39.32 0.02 0.00	38.04 -0.07 0.00	34.24 -0.07 0.00	30.85 -0.04 0.00	30.02 -0.18 0.00
CARTHAGE___PAPER 23857	29.88 1.46 0.00	26.46 1.26 0.00	26.62 1.16 0.00	25.78 1.07 0.00	26.05 1.06 0.00	26.17 1.22 0.00	32.36 1.81 0.00	29.68 1.62 0.00	28.67 1.37 0.00	29.77 1.00 0.00	30.74 0.82 0.00	31.51 0.76 0.00	29.82 0.68 0.00	31.39 0.89 0.00	28.56 1.01 0.00	35.08 1.74 0.00	38.88 2.23 0.00	36.83 2.29 0.00	39.30 2.88 0.00	42.26 2.97 0.00	40.87 2.76 0.00	36.62 2.32 0.00	32.82 1.93 0.00	31.91 1.72 0.00
CASSADAGA_WT_PWR 323784	28.42 0.00 0.00	24.86 -0.34 0.00	25.22 -0.23 0.00	24.50 -0.21 0.00	24.89 -0.10 0.00	24.90 -0.05 0.00	31.07 0.53 0.00	28.69 0.63 0.00	27.86 0.56 0.00	29.86 1.09 0.00	31.47 1.55 0.00	32.93 2.18 0.00	31.19 2.05 0.00	32.41 1.91 0.00	28.91 1.36 0.00	34.90 1.54 -0.02	38.60 1.96 0.00	36.64 2.09 0.00	38.98 2.56 0.00	41.39 2.09 0.00	39.83 1.71 0.00	36.12 1.82 0.00	32.32 1.43 0.00	31.29 1.09 0.00
CE_DUNWOOD___DRP 24194	29.38 0.95 0.00	26.07 0.87 0.00	26.24 0.78 0.00	25.52 0.81 0.00	25.83 0.84 0.00	25.85 0.90 0.00	31.66 1.12 0.00	29.37 1.31 0.00	28.75 1.45 0.00	30.32 1.55 0.00	31.74 1.58 -0.24	32.41 1.54 -0.12	30.61 1.43 -0.04	32.05 1.55 0.00	30.67 1.42 -1.70	34.86 1.52 0.00	38.14 1.49 0.00	35.95 1.40 0.00	37.78 1.36 0.00	40.93 1.63 0.00	39.69 1.58 0.00	35.61 1.31 0.00	32.11 1.22 0.00	31.28 1.08 0.00
CE_MILLWOOD___DRP 24193	29.27 0.85 0.00	25.96 0.76 0.00	26.14 0.68 0.00	25.42 0.71 0.00	25.73 0.74 0.00	25.74 0.79 0.00	31.53 0.99 0.00	29.23 1.17 0.00	28.62 1.31 0.00	30.18 1.40 0.00	31.59 1.43 -0.23	32.25 1.38 -0.12	30.45 1.27 -0.04	31.89 1.39 0.00	31.12 1.27 -2.30	34.69 1.35 0.00	37.97 1.33 0.00	35.80 1.25 0.00	37.64 1.21 0.00	40.77 1.47 0.00	39.52 1.41 0.00	35.45 1.15 0.00	31.96 1.07 0.00	31.14 0.94 0.00
CE_NYC2_DRP 24202	29.60 1.18 0.00	26.26 1.06 0.00	26.41 0.95 0.00	25.74 1.03 0.00	26.03 1.05 0.00	26.07 1.11 0.00	31.94 1.40 0.00	29.67 1.61 0.00	29.09 1.78 0.00	30.69 1.91 0.00	32.11 1.96 -0.24	32.79 1.92 -0.12	30.97 1.79 -0.04	32.42 1.92 0.00	30.90 1.76 -1.59	35.26 1.91 0.00	38.60 1.95 0.00	36.29 1.74 0.00	38.09 1.68 0.00	41.22 1.92 0.00	40.00 1.89 0.00	35.92 1.62 0.00	32.39 1.50 0.00	31.50 1.30 0.00
CE_NYC_DRP 24195	29.57 1.14 0.00	26.24 1.04 0.00	26.38 0.92 0.00	25.68 0.97 0.00	25.99 1.00 0.00	26.02 1.07 0.00	31.87 1.32 0.00	29.60 1.53 0.00	29.01 1.71 0.00	30.62 1.85 0.00	32.06 1.90 -0.24	32.73 1.85 -0.12	30.91 1.72 -0.04	32.35 1.85 0.00	30.84 1.70 -1.59	35.19 1.84 0.00	38.51 1.86 0.00	36.26 1.71 0.00	38.10 1.68 0.00	41.22 1.92 0.00	39.99 1.88 0.00	35.89 1.59 0.00	32.36 1.47 0.00	31.49 1.30 0.00
CHAFFEE___LFGE 323603	28.38 -0.04 0.00	24.85 -0.35 0.00	25.18 -0.27 0.00	24.36 -0.34 0.00	24.57 -0.42 0.00	24.64 -0.31 0.00	30.58 0.04 0.00	27.90 -0.16 0.00	27.11 -0.20 0.00	28.97 0.19 0.00	30.47 0.55 0.00	31.97 1.22 0.00	30.36 1.22 0.00	31.52 1.02 0.00	28.00 0.45 -0.02	33.72 0.36 0.00	37.32 0.67 0.00	35.48 0.93 0.00	37.68 1.26 0.00	39.93 0.63 0.00	38.49 0.38 0.00	35.08 0.78 0.00	31.51 0.62 0.00	30.52 0.32 0.00
CHATEAUG_35_KV_LOAD 355732	28.79 0.37 0.00	25.55 0.35 0.00	25.75 0.29 0.00	25.00 0.29 0.00	25.25 0.26 0.00	25.20 0.25 0.00	30.94 0.39 0.00	28.39 0.33 0.00	27.47 0.17 0.00	28.91 0.13 0.00	29.98 0.06 0.00	30.74 -0.01 0.00	29.08 -0.06 0.00	30.43 -0.07 0.00	27.48 -0.07 0.00	33.47 0.13 0.00	37.01 0.36 0.00	34.53 -0.02 0.00	36.48 0.07 0.00	39.68 0.38 0.00	38.68 0.57 0.00	35.19 0.89 0.00	31.71 0.82 0.00	31.14 0.95 0.00
CHATEAUG_WT_PWR 323614	28.91 0.49 0.00	25.67 0.47 0.00	25.85 0.39 0.00	25.08 0.37 0.00	25.34 0.35 0.00	25.29 0.34 0.00	31.07 0.53 0.00	28.62 0.56 0.00	27.71 0.41 0.00	29.08 0.30 0.00	30.18 0.25 0.00	30.99 0.24 0.00	29.39 0.25 0.00	30.86 0.36 0.00	27.83 0.28 0.00	33.97 0.63 0.00	37.56 0.91 0.00	34.67 0.12 0.00	36.57 0.15 0.00	40.20 0.90 0.00	39.34 1.22 0.00	36.02 1.72 0.00	32.40 1.52 0.00	31.83 1.64 0.00
CHAT_HIGH_FALL_HYD 323578	28.79 0.37 0.00	25.55 0.35 0.00	25.75 0.29 0.00	25.00 0.29 0.00	25.25 0.26 0.00	25.20 0.25 0.00	30.94 0.39 0.00	28.39 0.33 0.00	27.47 0.17 0.00	28.91 0.13 0.00	29.98 0.06 0.00	30.74 -0.01 0.00	29.08 -0.06 0.00	30.43 -0.07 0.00	27.48 -0.07 0.00	33.47 0.13 0.00	37.01 0.36 0.00	34.53 -0.02 0.00	36.48 0.07 0.00	39.68 0.38 0.00	38.68 0.57 0.00	35.19 0.89 0.00	31.71 0.82 0.00	31.14 0.95 0.00
CHAUTAUQUA___LFGE 323629	28.23 -0.19 0.00	24.76 -0.44 0.00	25.11 -0.35 0.00	24.34 -0.37 0.00	24.63 -0.36 0.00	24.63 -0.33 0.00	30.69 0.15 0.00	28.25 0.19 0.00	27.45 0.15 0.00	29.34 0.56 0.00	30.90 0.98 0.00	32.36 1.61 0.00	30.68 1.54 0.00	31.86 1.36 0.00	28.42 0.87 0.00	34.31 0.94 -0.02	37.94 1.29 0.00	36.01 1.46 0.00	38.33 1.91 0.00	40.70 1.40 0.00	39.16 1.05 0.00	35.57 1.27 0.00	31.85 0.97 0.00	30.84 0.65 0.00
CHERRYST_13_KV_LD 356241	29.65 1.23 0.00	26.31 1.11 0.00	26.44 0.99 0.00	25.75 1.03 0.00	26.06 1.07 0.00	26.09 1.15 0.00	31.97 1.43 0.00	29.71 1.64 0.00	29.13 1.83 0.00	30.74 1.97 0.00	32.19 2.03 -0.24	32.87 2.00 -0.12	31.04 1.86 -0.04	32.49 1.99 0.00	30.97 1.83 -1.59	35.35 2.00 0.00	38.66 2.02 0.00	36.41 1.87 0.00	38.24 1.83 0.00	41.36 2.06 0.00	40.13 2.02 0.00	36.01 1.71 0.00	32.46 1.57 0.00	31.58 1.39 0.00

CHESTROR_138KV_BK263 355645	29.03 0.61 0.00	25.73 0.53 0.00	25.94 0.48 0.00	25.21 0.50 0.00	25.53 0.53 0.00	25.51 0.56 0.00	31.25 0.71 0.00	28.93 0.87 0.00	28.30 0.99 0.00	29.83 1.06 0.00	31.21 1.09 -0.20	31.88 1.02 -0.10	30.09 0.92 -0.04	31.53 1.03 0.00	26.65 0.95 1.84	34.31 0.97 0.00	37.59 0.94 0.00	35.49 0.94 0.00	37.36 0.95 0.00	40.45 1.15 0.00	39.19 1.08 0.00	35.16 0.86 0.00	31.68 0.79 0.00	30.87 0.68 0.00
CH_MIDHUDSON___DRP 24192	29.30 0.88 0.00	25.98 0.78 0.00	26.17 0.72 0.00	25.43 0.72 0.00	25.75 0.76 0.00	25.74 0.79 0.00	31.52 0.98 0.00	29.19 1.12 0.00	28.56 1.25 0.00	30.08 1.31 0.00	31.42 1.33 -0.17	32.12 1.29 -0.09	30.37 1.20 -0.03	31.83 1.32 0.00	28.77 1.22 0.00	34.66 1.32 0.00	37.96 1.31 0.00	35.78 1.23 0.00	37.65 1.23 0.00	40.80 1.49 0.00	39.55 1.44 0.00	35.46 1.16 0.00	31.94 1.05 0.00	31.12 0.92 0.00
CH_MISC_IPPS 23765	29.43 1.01 0.00	26.09 0.89 0.00	26.28 0.83 0.00	25.53 0.82 0.00	25.85 0.86 0.00	25.86 0.91 0.00	31.69 1.15 0.00	29.36 1.30 0.00	28.72 1.42 0.00	30.27 1.50 0.00	31.64 1.54 -0.18	32.33 1.48 -0.09	30.56 1.39 -0.03	32.03 1.53 0.00	28.96 1.41 0.00	34.87 1.52 0.00	38.20 1.56 0.00	36.10 1.55 0.00	38.02 1.60 0.00	41.18 1.88 0.00	39.89 1.77 0.00	35.75 1.45 0.00	32.18 1.29 0.00	31.33 1.13 0.00
CH_RES_BVR_FALLS 23983	28.42 0.00 0.00	25.24 0.04 0.00	25.45 0.00 0.00	24.71 0.00 0.00	24.95 -0.04 0.00	24.92 -0.03 0.00	30.52 -0.03 0.00	27.99 -0.07 0.00	27.17 -0.13 0.00	28.66 -0.12 0.00	29.79 -0.13 0.00	30.57 -0.18 0.00	28.92 -0.22 0.00	30.23 -0.27 0.00	27.32 -0.23 0.00	33.14 -0.21 0.00	36.51 -0.13 0.00	34.35 -0.20 0.00	36.20 -0.22 0.00	39.03 -0.27 0.00	37.90 -0.21 0.00	34.20 -0.10 0.00	30.84 -0.04 0.00	30.23 0.03 0.00
CH_RES_NIAGARA 23895	27.23 -1.19 0.00	23.81 -1.39 0.00	24.15 -1.30 0.00	23.35 -1.36 0.00	23.51 -1.48 0.00	23.61 -1.34 0.00	29.19 -1.36 0.00	26.41 -1.65 0.00	25.64 -1.66 0.00	27.47 -1.30 0.00	28.91 -1.02 0.00	30.31 -0.44 0.00	28.87 -0.27 0.00	29.87 -0.63 0.00	26.42 -1.14 0.00	31.67 -1.69 -0.01	35.22 -1.43 0.00	33.52 -1.03 0.00	35.59 -0.83 0.00	37.62 -1.68 0.00	36.31 -1.80 0.00	33.24 -1.06 0.00	29.96 -0.92 0.00	29.08 -1.12 0.00
CH_RES_SYRACUSE 23985	28.35 -0.07 0.00	25.10 -0.10 0.00	25.36 -0.10 0.00	24.62 -0.10 0.00	24.89 -0.10 0.00	24.87 -0.09 0.00	30.56 0.02 0.00	28.12 0.06 0.00	27.35 0.05 0.00	28.84 0.06 0.00	30.03 0.10 0.00	31.00 0.25 0.00	29.40 0.26 0.00	30.76 0.26 0.00	27.76 0.20 0.00	33.58 0.23 0.00	36.94 0.29 0.00	34.80 0.26 0.00	36.82 0.40 0.00	39.62 0.32 0.00	38.33 0.21 0.00	34.48 0.17 0.00	30.99 0.10 0.00	30.16 -0.04 0.00
CLINTON_WT_PWR 323605	28.91 0.49 0.00	25.67 0.47 0.00	25.85 0.39 0.00	25.08 0.37 0.00	25.34 0.35 0.00	25.29 0.34 0.00	31.07 0.53 0.00	28.62 0.56 0.00	27.71 0.41 0.00	29.08 0.30 0.00	30.18 0.25 0.00	30.99 0.24 0.00	29.39 0.25 0.00	30.86 0.36 0.00	27.83 0.28 0.00	33.97 0.63 0.00	37.56 0.91 0.00	34.67 0.12 0.00	36.57 0.15 0.00	40.20 0.90 0.00	39.34 1.22 0.00	36.02 1.72 0.00	32.40 1.52 0.00	31.83 1.64 0.00
CLINTON___LFGE 323618	29.03 0.61 0.00	25.77 0.57 0.00	25.94 0.48 0.00	25.17 0.46 0.00	25.43 0.44 0.00	25.39 0.43 0.00	31.21 0.67 0.00	28.73 0.67 0.00	27.82 0.51 0.00	29.20 0.42 0.00	30.28 0.36 0.00	31.08 0.33 0.00	29.46 0.31 0.00	30.91 0.41 0.00	27.89 0.34 0.00	34.04 0.69 0.00	37.68 1.03 0.00	34.88 0.33 0.00	36.83 0.41 0.00	40.40 1.10 0.00	39.49 1.38 0.00	36.10 1.80 0.00	32.46 1.57 0.00	31.86 1.67 0.00
COBBLENY_34_KV_TB1 80064	28.38 -0.04 0.00	24.85 -0.35 0.00	25.18 -0.27 0.00	24.36 -0.34 0.00	24.57 -0.42 0.00	24.64 -0.31 0.00	30.58 0.04 0.00	27.90 -0.16 0.00	27.11 -0.19 0.00	28.97 0.19 0.00	30.46 0.54 0.00	31.92 1.17 0.00	30.36 1.22 0.00	31.52 1.01 0.00	28.01 0.45 0.00	33.72 0.36 -0.02	37.32 0.67 0.00	35.48 0.93 0.00	37.68 1.26 0.00	39.93 0.63 0.00	38.50 0.38 0.00	35.08 0.78 0.00	31.51 0.62 0.00	30.51 0.32 0.00
COFFEEN___115KV_TB3 355620	30.04 1.62 0.00	26.58 1.37 0.00	26.71 1.26 0.00	25.86 1.15 0.00	26.14 1.15 0.00	26.28 1.33 0.00	32.54 2.00 0.00	29.88 1.82 0.00	28.84 1.55 0.00	29.87 1.09 0.00	30.83 0.91 0.00	31.62 0.87 0.00	29.96 0.82 0.00	31.62 1.12 0.00	28.73 1.18 0.00	35.41 2.06 0.00	39.27 2.62 0.00	37.25 2.70 0.00	39.88 3.46 0.00	42.83 3.52 0.00	41.34 3.22 0.00	37.00 2.70 0.00	33.10 2.21 0.00	32.11 1.92 0.00
COLDSPRG_115KV_BK1 355956	28.99 0.57 0.00	25.38 0.17 0.00	25.73 0.28 0.00	24.96 0.25 0.00	25.29 0.30 0.00	25.33 0.38 0.00	31.58 1.04 0.00	29.12 1.06 0.00	28.32 1.02 0.00	30.26 1.48 0.00	31.80 1.88 0.00	33.16 2.40 0.00	31.40 2.26 0.00	32.66 2.16 0.00	29.14 1.59 0.00	35.14 1.78 -0.02	38.89 2.24 0.00	36.92 2.37 0.00	39.27 2.85 0.00	41.74 2.44 0.00	40.14 2.03 0.00	36.34 2.04 0.00	32.52 1.63 0.00	31.50 1.31 0.00
COLONIE_LFGE___ 323577	29.32 0.89 0.00	25.97 0.77 0.00	26.23 0.77 0.00	25.42 0.71 0.00	25.75 0.76 0.00	25.74 0.79 0.00	31.34 0.80 0.00	28.87 0.81 0.00	28.07 0.77 0.00	29.47 0.70 0.00	30.22 0.60 0.30	31.15 0.56 0.16	29.70 0.61 0.05	31.23 0.73 0.00	28.56 0.69 -0.31	34.32 0.98 0.00	37.58 0.93 0.00	35.37 0.82 0.00	37.24 0.82 0.00	40.50 1.20 0.00	39.31 1.19 0.00	35.26 0.96 0.00	31.71 0.82 0.00	30.99 0.80 0.00
COOPERNY_115KV_TB1 80082	28.81 0.38 0.00	25.54 0.34 0.00	25.78 0.33 0.00	25.05 0.34 0.00	25.36 0.37 0.00	25.32 0.37 0.00	31.03 0.48 0.00	28.67 0.61 0.00	28.02 0.71 0.00	29.53 0.76 0.00	30.85 0.79 -0.14	31.58 0.75 -0.07	29.83 0.67 -0.03	31.24 0.74 0.00	27.37 0.68 0.87	34.01 0.66 0.00	37.28 0.63 0.00	35.18 0.63 0.00	37.07 0.65 0.00	40.09 0.79 0.00	38.86 0.74 0.00	34.89 0.59 0.00	31.44 0.55 0.00	30.65 0.45 0.00
COPENHAGEN_WT_PWR 323753	29.66 1.24 0.00	26.25 1.05 0.00	26.38 0.92 0.00	25.51 0.80 0.00	25.79 0.81 0.00	25.93 0.98 0.00	32.07 1.52 0.00	29.44 1.38 0.00	28.50 1.20 0.00	29.62 0.84 0.00	30.61 0.69 0.00	31.41 0.66 0.00	29.76 0.62 0.00	31.34 0.84 0.00	28.47 0.92 0.00	34.95 1.60 0.00	38.70 2.05 0.00	36.65 2.10 0.00	39.14 2.72 0.00	42.06 2.76 0.00	40.62 2.51 0.00	36.41 2.11 0.00	32.62 1.73 0.00	31.67 1.48 0.00
CORNELL_____ 23752	28.84 0.42 0.00	25.50 0.30 0.00	25.79 0.33 0.00	25.03 0.32 0.00	25.33 0.34 0.00	25.37 0.42 0.00	31.30 0.76 0.00	28.88 0.81 0.00	28.03 0.73 0.00	29.48 0.70 0.00	30.71 0.79 0.00	31.87 1.12 0.00	30.21 1.07 0.00	31.46 0.96 0.00	28.34 0.79 0.00	34.32 0.97 0.00	37.87 1.22 0.00	35.74 1.19 0.00	38.01 1.59 0.00	40.96 1.66 0.00	39.60 1.48 0.00	35.57 1.27 0.00	31.90 1.01 0.00	30.99 0.79 0.00

CORONA__69_KV_TB1 355595	54.69 1.29 -24.98	28.01 1.36 -1.45	26.72 1.26 0.00	25.96 1.26 0.00	26.30 1.31 0.00	26.38 1.40 -0.03	61.50 1.76 -29.19	68.16 1.88 -38.21	33.34 2.02 -4.02	30.97 2.08 -0.11	32.90 2.22 -0.76	33.14 2.19 -0.21	33.19 2.10 -1.96	33.49 2.22 -0.77	34.24 2.05 -4.64	35.34 1.99 0.00	38.47 1.82 0.00	36.34 1.79 0.00	38.12 1.70 0.00	41.43 2.13 0.00	40.23 2.12 0.00	36.17 1.87 0.00	32.86 1.91 -0.06	32.19 1.76 -0.23
CORTLAND__115KV_TB3 80093	28.64 0.22 0.00	25.34 0.14 0.00	25.63 0.17 0.00	24.87 0.16 0.00	25.17 0.18 0.00	25.16 0.21 0.00	31.00 0.45 0.00	28.58 0.51 0.00	27.78 0.48 0.00	29.23 0.45 0.00	30.44 0.52 0.00	31.48 0.73 0.00	29.85 0.71 0.00	31.17 0.67 0.00	28.14 0.59 0.00	34.05 0.71 0.00	37.48 0.83 0.00	35.37 0.82 0.00	37.48 1.06 0.00	40.38 1.08 0.00	39.04 0.93 0.00	35.10 0.80 0.00	31.51 0.63 0.00	30.65 0.46 0.00
COXSACKIE__GT 23611	29.84 1.42 0.00	26.48 1.27 0.00	26.88 1.42 0.00	26.02 1.31 0.00	26.37 1.38 0.00	26.42 1.47 0.00	32.33 1.79 0.00	29.76 1.71 0.00	28.91 1.61 0.00	30.10 1.33 0.00	30.83 1.01 0.10	31.72 1.02 0.05	30.10 0.98 0.02	31.57 1.07 0.00	28.66 1.11 0.00	35.15 1.81 0.00	38.72 2.07 0.00	36.77 2.22 0.00	38.75 2.33 0.00	42.24 2.94 0.00	40.87 2.75 0.00	36.56 2.26 0.00	32.68 1.79 0.00	31.80 1.61 0.00
CPV__VALLEY__CC1 323721	28.85 0.43 0.00	25.57 0.37 0.00	25.79 0.34 0.00	25.06 0.35 0.00	25.38 0.39 0.00	25.35 0.40 0.00	31.05 0.50 0.00	28.72 0.66 0.00	28.10 0.80 0.00	29.62 0.85 0.00	30.98 0.88 -0.18	31.66 0.81 -0.09	29.89 0.72 -0.03	31.30 0.81 0.00	27.10 0.76 1.21	34.09 0.74 0.00	37.34 0.69 0.00	35.23 0.68 0.00	37.08 0.66 0.00	40.14 0.84 0.00	38.90 0.79 0.00	34.89 0.60 0.00	31.46 0.57 0.00	30.68 0.48 0.00
CPV__VALLEY__CC2 323722	28.85 0.43 0.00	25.57 0.37 0.00	25.79 0.34 0.00	25.06 0.35 0.00	25.38 0.39 0.00	25.35 0.40 0.00	31.05 0.50 0.00	28.72 0.66 0.00	28.10 0.80 0.00	29.62 0.85 -0.18	30.98 0.88 -0.09	31.66 0.81 -0.03	29.89 0.72 0.00	31.30 0.81 0.00	27.10 0.76 1.21	34.09 0.74 0.00	37.34 0.69 0.00	35.23 0.68 0.00	37.08 0.66 0.00	40.14 0.84 0.00	38.90 0.79 0.00	34.89 0.60 0.00	31.46 0.57 0.00	30.68 0.48 0.00
CRESCENT__HYD 24018	29.32 0.89 0.00	25.97 0.77 0.00	26.23 0.77 0.00	25.42 0.71 0.00	25.75 0.76 0.00	25.74 0.79 0.00	31.34 0.80 0.00	28.87 0.81 0.00	28.07 0.77 0.00	29.47 0.70 0.00	30.22 0.60 0.30	31.15 0.56 0.16	29.70 0.61 0.05	31.23 0.73 0.00	28.56 0.69 -0.31	34.32 0.98 0.00	37.58 0.93 0.00	35.37 0.82 0.00	37.24 0.82 0.00	40.50 1.20 0.00	39.31 1.19 0.00	35.26 0.96 0.00	31.71 0.82 0.00	30.99 0.80 0.00
CRICKET__VALLEY_CC1 323756	29.05 0.63 0.00	25.75 0.55 0.00	25.93 0.48 0.00	25.18 0.47 0.00	25.48 0.49 0.00	25.48 0.53 0.00	31.13 0.59 0.00	28.80 0.74 0.00	28.15 0.85 0.00	29.62 0.84 0.00	27.62 0.79 3.09	29.87 0.73 1.61	29.27 0.69 0.56	31.31 0.82 0.00	29.00 0.77 -0.68	34.15 0.81 0.00	37.41 0.76 0.00	35.24 0.69 0.00	37.06 0.64 0.00	40.24 0.94 0.00	39.04 0.93 0.00	34.97 0.66 0.00	31.52 0.63 0.00	30.75 0.56 0.00
CRICKET__VALLEY_CC2 323757	29.05 0.63 0.00	25.75 0.55 0.00	25.93 0.48 0.00	25.18 0.47 0.00	25.48 0.49 0.00	25.48 0.53 0.00	31.13 0.59 0.00	28.80 0.74 0.00	28.15 0.85 0.00	29.62 0.84 0.00	27.62 0.79 3.09	29.87 0.73 1.61	29.27 0.69 0.56	31.31 0.82 0.00	29.00 0.77 -0.68	34.15 0.81 0.00	37.41 0.76 0.00	35.24 0.69 0.00	37.06 0.64 0.00	40.24 0.94 0.00	39.04 0.93 0.00	34.97 0.66 0.00	31.52 0.63 0.00	30.75 0.56 0.00
CRICKET__VALLEY_CC3 323758	29.05 0.63 0.00	25.75 0.55 0.00	25.93 0.48 0.00	25.18 0.47 0.00	25.48 0.49 0.00	25.48 0.53 0.00	31.13 0.59 0.00	28.80 0.74 0.00	28.15 0.85 0.00	29.62 0.84 0.00	27.62 0.79 3.09	29.87 0.73 1.61	29.27 0.69 0.56	31.31 0.82 0.00	29.00 0.77 -0.68	34.15 0.81 0.00	37.41 0.76 0.00	35.24 0.69 0.00	37.06 0.64 0.00	40.24 0.94 0.00	39.04 0.93 0.00	34.97 0.66 0.00	31.52 0.63 0.00	30.75 0.56 0.00
CRUCIBLE__METL_DRP 24180	28.35 -0.07 0.00	25.10 -0.10 0.00	25.36 -0.10 0.00	24.62 -0.10 0.00	24.89 -0.10 0.00	24.87 -0.09 0.00	30.56 0.02 0.00	28.12 0.06 0.00	27.35 0.05 0.00	28.84 0.06 0.00	30.02 0.10 0.00	31.00 0.24 0.00	29.41 0.26 0.00	30.76 0.26 0.00	27.76 0.21 0.00	33.58 0.23 0.00	36.93 0.29 0.00	34.80 0.26 0.00	36.82 0.40 0.00	39.62 0.32 0.00	38.33 0.21 0.00	34.47 0.17 0.00	30.99 0.10 0.00	30.16 -0.04 0.00
DAHOWA__HYDRO 323763	29.74 1.31 0.00	26.25 1.05 0.00	26.49 1.03 0.00	25.68 0.97 0.00	26.15 1.16 0.00	26.27 1.32 0.00	32.10 1.56 0.00	29.58 1.52 0.00	28.75 1.45 0.00	30.04 1.26 0.00	30.85 1.18 0.25	31.79 1.17 0.13	30.39 1.29 0.05	31.93 1.43 0.00	29.21 1.36 -0.30	35.29 1.95 0.00	38.78 2.13 0.00	36.52 1.97 0.00	38.50 2.08 0.00	41.89 2.59 0.00	40.43 2.32 0.00	36.22 1.92 0.00	32.50 1.61 0.00	31.74 1.54 0.00
DANC__LFGE 323619	29.04 0.62 0.00	25.70 0.50 0.00	25.88 0.42 0.00	25.06 0.35 0.00	25.34 0.35 0.00	25.42 0.47 0.00	31.37 0.82 0.00	28.81 0.75 0.00	27.93 0.63 0.00	29.16 0.38 0.00	30.19 0.27 0.00	31.03 0.28 0.00	29.41 0.27 0.00	30.91 0.41 0.00	28.00 0.45 0.00	34.21 0.86 0.00	37.79 1.14 0.00	35.71 1.16 0.00	38.02 1.60 0.00	40.89 1.59 0.00	39.51 1.40 0.00	35.50 1.20 0.00	31.86 0.97 0.00	30.96 0.77 0.00
DANSKAMMER__1 23586	29.43 1.01 0.00	26.09 0.89 0.00	26.28 0.83 0.00	25.53 0.82 0.00	25.85 0.86 0.00	25.86 0.91 0.00	31.69 1.15 0.00	29.36 1.30 0.00	28.72 1.42 0.00	30.27 1.50 0.00	31.64 1.54 -0.18	32.33 1.48 -0.09	30.56 1.39 -0.03	32.03 1.53 0.00	28.96 1.41 0.00	34.87 1.52 0.00	38.20 1.56 0.00	36.10 1.55 0.00	38.02 1.60 0.00	41.18 1.88 0.00	39.89 1.77 0.00	35.75 1.45 0.00	32.18 1.29 0.00	31.33 1.13 0.00
DANSKAMMER__2 23589	29.43 1.01 0.00	26.09 0.89 0.00	26.28 0.83 0.00	25.53 0.82 0.00	25.85 0.86 0.00	25.86 0.91 0.00	31.69 1.15 0.00	29.36 1.30 0.00	28.72 1.42 0.00	30.27 1.50 0.00	31.64 1.54 -0.18	32.33 1.48 -0.09	30.56 1.39 -0.03	32.03 1.53 0.00	28.96 1.41 0.00	34.87 1.52 0.00	38.20 1.56 0.00	36.10 1.55 0.00	38.02 1.60 0.00	41.18 1.88 0.00	39.89 1.77 0.00	35.75 1.45 0.00	32.18 1.29 0.00	31.33 1.13 0.00
DANSKAMMER__3 23590	29.43 1.01 0.00	26.09 0.89 0.00	26.28 0.83 0.00	25.53 0.82 0.00	25.85 0.86 0.00	25.86 0.91 0.00	31.69 1.15 0.00	29.36 1.30 0.00	28.72 1.42 0.00	30.27 1.50 0.00	31.64 1.54 -0.18	32.33 1.48 -0.09	30.56 1.39 -0.03	32.03 1.53 0.00	28.96 1.41 0.00	34.87 1.52 0.00	38.20 1.56 0.00	36.10 1.55 0.00	38.02 1.60 0.00	41.18 1.88 0.00	39.89 1.77 0.00	35.75 1.45 0.00	32.18 1.29 0.00	31.33 1.13 0.00

DANSKAMMER___4 23591	29.43 1.01 0.00	26.09 0.89 0.00	26.28 0.83 0.00	25.53 0.82 0.00	25.85 0.86 0.00	25.86 0.91 0.00	31.69 1.15 0.00	29.36 1.30 0.00	28.72 1.42 0.00	30.27 1.50 0.00	31.64 1.54 -0.18	32.33 1.48 -0.09	30.56 1.39 -0.03	32.03 1.53 0.00	28.96 1.41 0.00	34.87 1.52 0.00	38.20 1.56 0.00	36.10 1.55 0.00	38.02 1.60 0.00	41.18 1.88 0.00	39.89 1.77 0.00	35.75 1.45 0.00	32.18 1.29 0.00	31.33 1.13 0.00
DANSKAMMER___DIESEL 23592	29.43 1.01 0.00	26.09 0.89 0.00	26.28 0.82 0.00	25.53 0.82 0.00	25.85 0.86 0.00	25.86 0.90 0.00	31.69 1.15 0.00	29.35 1.29 0.00	28.72 1.42 0.00	30.27 1.50 0.00	31.64 1.54 -0.18	32.34 1.49 -0.09	30.57 1.39 -0.03	32.03 1.53 0.00	28.96 1.41 0.00	34.87 1.52 0.00	38.20 1.55 0.00	36.10 1.55 0.00	38.02 1.60 0.00	41.18 1.88 0.00	39.89 1.77 0.00	35.75 1.45 0.00	32.18 1.29 0.00	31.33 1.13 0.00
DARBY___SOLAR 323810	29.63 1.21 0.00	26.17 0.97 0.00	26.42 0.96 0.00	25.61 0.90 0.00	26.05 1.06 0.00	26.15 1.19 0.00	31.94 1.40 0.00	29.42 1.37 0.00	28.59 1.29 0.00	29.89 1.12 0.00	30.68 1.02 0.26	31.61 1.00 0.14	30.21 1.12 0.05	31.73 1.23 0.00	29.03 1.18 -0.30	35.07 1.73 0.00	38.52 1.87 0.00	36.29 1.74 0.00	38.25 1.83 0.00	41.60 2.30 0.00	40.19 2.07 0.00	36.01 1.71 0.00	32.33 1.44 0.00	31.57 1.37 0.00
DASHVILLE___HYD 23610	29.03 0.60 0.00	25.72 0.52 0.00	25.90 0.44 0.00	25.18 0.47 0.00	25.48 0.49 0.00	25.44 0.49 0.00	31.19 0.64 0.00	28.92 0.86 0.00	28.36 1.05 0.00	29.93 1.16 0.00	31.28 1.26 -0.09	31.96 1.16 -0.05	30.22 1.06 -0.02	31.67 1.17 0.00	28.61 1.06 0.00	34.38 1.04 0.00	37.61 0.96 0.00	35.45 0.90 0.00	37.34 0.92 0.00	40.45 1.14 0.00	39.19 1.08 0.00	35.13 0.83 0.00	31.67 0.78 0.00	30.84 0.64 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	54.69 1.29 -24.98	27.96 1.31 -1.45	26.68 1.23 0.00	25.95 1.24 0.00	26.32 1.33 0.00	26.34 1.36 -0.03	61.50 1.76 -29.19	68.22 1.94 -38.21	33.38 2.06 -4.02	30.91 2.02 -0.11	32.90 2.22 -0.76	33.12 2.16 -0.21	33.09 1.99 -1.96	33.29 2.02 -0.77	34.01 1.81 -4.64	34.75 1.41 0.00	37.59 0.94 0.00	35.77 1.22 0.00	37.34 0.92 0.00	41.02 1.72 0.00	39.49 1.37 0.00	35.24 0.94 0.00	32.10 1.15 -0.06	31.48 1.05 -0.23
DELAWARE___LFGE 323621	28.91 0.49 0.00	25.62 0.42 0.00	25.98 0.52 0.00	25.23 0.52 0.00	25.53 0.54 0.00	25.42 0.47 0.00	31.25 0.71 0.00	28.84 0.78 0.00	28.09 0.79 0.00	29.60 0.82 0.00	30.81 0.89 0.00	31.71 0.96 0.00	30.04 0.89 0.00	31.43 0.93 0.00	28.38 0.83 0.00	34.27 0.93 0.00	37.62 0.98 0.00	35.45 0.90 0.00	37.48 1.06 0.00	40.45 1.14 0.00	39.18 1.07 0.00	35.22 0.92 0.00	31.69 0.81 0.00	30.87 0.67 0.00
DERFIELD_115KV_TB7 355931	28.49 0.07 0.00	25.26 0.06 0.00	25.53 0.08 0.00	24.78 0.07 0.00	25.06 0.08 0.00	25.02 0.08 0.00	30.64 0.09 0.00	28.17 0.11 0.00	27.42 0.12 0.00	28.87 0.09 0.00	30.00 0.08 0.00	30.84 0.08 0.00	29.24 0.10 0.00	30.62 0.12 0.00	27.67 0.12 0.00	33.48 0.14 0.00	36.79 0.15 0.00	34.73 0.18 0.00	36.55 0.13 0.00	39.49 0.19 0.00	38.30 0.18 0.00	34.45 0.15 0.00	31.00 0.12 0.00	30.27 0.08 0.00
DOGLEVILLE___HYD 23807	28.32 -0.11 0.00	25.10 -0.10 0.00	25.38 -0.08 0.00	24.60 -0.11 0.00	24.99 0.00 0.00	24.98 0.03 0.00	30.47 -0.08 0.00	28.18 0.12 0.00	27.14 -0.16 0.00	27.97 -0.80 0.00	28.86 -1.06 0.00	29.62 -1.13 0.00	28.23 -0.91 0.00	29.58 -0.92 0.00	26.95 -0.60 0.00	33.17 -0.18 0.00	36.30 -0.35 0.00	34.41 -0.14 0.00	36.32 -0.10 0.00	39.83 0.53 0.00	38.68 0.57 0.00	34.51 0.21 0.00	30.88 0.00 0.00	30.07 -0.13 0.00
DUNKIRK___115KV_TB_200 55889	28.21 -0.21 0.00	24.74 -0.46 0.00	25.09 -0.37 0.00	24.31 -0.40 0.00	24.59 -0.40 0.00	24.59 -0.36 0.00	30.64 0.09 0.00	28.19 0.13 0.00	27.39 0.09 0.00	29.26 0.48 0.00	30.82 0.90 0.00	32.24 1.48 0.00	30.60 1.46 0.00	31.78 1.28 0.00	28.35 0.80 0.00	34.22 0.85 -0.02	37.84 1.19 0.00	35.93 1.38 0.00	38.24 1.82 0.00	40.60 1.30 0.00	39.07 0.95 0.00	35.49 1.19 0.00	31.78 0.89 0.00	30.77 0.57 0.00
DUNKIRK___1 23563	28.21 -0.21 0.00	24.74 -0.46 0.00	25.09 -0.37 0.00	24.31 -0.40 0.00	24.59 -0.40 0.00	24.59 -0.36 0.00	30.64 0.09 0.00	28.19 0.13 0.00	27.39 0.09 0.00	29.26 0.48 0.00	30.82 0.90 0.00	32.24 1.48 0.00	30.60 1.46 0.00	31.78 1.28 0.00	28.35 0.80 0.00	34.22 0.85 -0.02	37.84 1.19 0.00	35.93 1.38 0.00	38.24 1.82 0.00	40.60 1.30 0.00	39.07 0.95 0.00	35.49 1.19 0.00	31.78 0.89 0.00	30.77 0.57 0.00
DUNKIRK___2 23564	28.21 -0.21 0.00	24.74 -0.46 0.00	25.09 -0.37 0.00	24.31 -0.40 0.00	24.59 -0.40 0.00	24.59 -0.36 0.00	30.64 0.09 0.00	28.19 0.13 0.00	27.39 0.09 0.00	29.26 0.48 0.00	30.82 0.90 0.00	32.24 1.48 0.00	30.60 1.46 0.00	31.78 1.28 0.00	28.35 0.80 0.00	34.22 0.85 -0.02	37.84 1.19 0.00	35.93 1.38 0.00	38.24 1.82 0.00	40.60 1.30 0.00	39.07 0.95 0.00	35.49 1.19 0.00	31.78 0.89 0.00	30.77 0.57 0.00
DUNKIRK___3 23565	28.16 -0.26 0.00	24.70 -0.50 0.00	25.04 -0.42 0.00	24.25 -0.46 0.00	24.51 -0.48 0.00	24.53 -0.42 0.00	30.51 -0.03 0.00	28.01 -0.06 0.00	27.21 -0.09 0.00	29.06 0.29 0.00	30.60 0.68 0.00	31.98 1.23 0.00	30.38 1.24 0.00	31.55 1.05 0.00	28.12 0.57 0.00	33.93 0.56 -0.02	37.53 0.88 0.00	35.64 1.09 0.00	37.90 1.49 0.00	40.24 0.93 0.00	38.73 0.61 0.00	35.20 0.90 0.00	31.55 0.66 0.00	30.56 0.36 0.00
DUNKIRK___4 23566	28.16 -0.26 0.00	24.70 -0.50 0.00	25.04 -0.42 0.00	24.25 -0.46 0.00	24.51 -0.48 0.00	24.53 -0.42 0.00	30.51 -0.03 0.00	28.01 -0.06 0.00	27.21 -0.09 0.00	29.06 0.29 0.00	30.60 0.68 0.00	31.98 1.23 0.00	30.38 1.24 0.00	31.55 1.05 0.00	28.12 0.57 0.00	33.93 0.56 -0.02	37.53 0.88 0.00	35.64 1.09 0.00	37.90 1.49 0.00	40.24 0.93 0.00	38.73 0.61 0.00	35.20 0.90 0.00	31.55 0.66 0.00	30.56 0.36 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.43 1.02 0.00	26.12 0.92 0.00	26.29 0.83 0.00	25.57 0.86 0.00	25.88 0.89 0.00	25.90 0.95 0.00	31.73 1.19 0.00	29.44 1.38 0.00	28.83 1.53 0.00	30.41 1.64 0.00	31.83 1.67 -0.24	32.50 1.63 -0.12	30.70 1.52 -0.04	32.14 1.64 0.00	30.64 1.51 -1.59	34.96 1.61 0.00	38.24 1.60 0.00	36.04 1.49 0.00	37.87 1.45 0.00	41.02 1.72 0.00	39.78 1.67 0.00	35.69 1.39 0.00	32.18 1.30 0.00	31.35 1.15 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.19 0.77 0.00	25.87 0.67 0.00	26.07 0.62 0.00	25.34 0.63 0.00	25.65 0.67 0.00	25.65 0.69 0.00	31.43 0.89 0.00	29.11 1.05 0.00	28.48 1.18 0.00	30.03 1.25 0.00	31.40 1.30 -0.18	32.08 1.24 -0.09	30.30 1.12 -0.03	31.74 1.24 0.00	28.07 1.14 0.63	34.55 1.21 0.00	37.84 1.19 0.00	35.75 1.20 0.00	37.64 1.21 0.00	40.76 1.46 0.00	39.49 1.37 0.00	35.40 1.10 0.00	31.88 0.99 0.00	31.06 0.86 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	29.65 1.23 0.00	26.32 1.11 0.00	26.47 1.01 0.00	25.80 1.09 0.00	26.09 1.10 0.00	26.13 1.17 0.00	32.00 1.46 0.00	29.70 1.64 0.00	29.09 1.79 0.00	30.67 1.89 0.00	32.09 1.94 -0.24	32.78 1.90 -0.12	30.96 1.78 -0.04	32.40 1.90 0.00	30.88 1.74 -1.59	35.22 1.87 0.00	38.56 1.91 0.00	36.28 1.73 0.00	38.11 1.69 0.00	41.28 1.99 0.00	40.07 1.96 0.00	35.95 1.65 0.00	32.42 1.53 0.00	31.54 1.35 0.00
E179THST_13_KV_LOAD 356214	29.79 1.37 0.00	26.44 1.24 0.00	26.59 1.13 0.00	25.91 1.19 0.00	26.21 1.22 0.00	26.24 1.29 0.00	32.15 1.60 0.00	29.85 1.79 0.00	29.24 1.94 0.00	30.82 2.04 0.00	32.25 2.09 -0.24	32.95 2.08 -0.12	31.12 1.94 -0.04	32.57 2.07 0.00	31.03 1.90 -1.59	35.41 2.06 0.00	38.78 2.13 0.00	36.49 1.94 0.00	38.32 1.90 0.00	41.52 2.22 0.00	40.29 2.18 0.00	36.15 1.86 0.00	32.58 1.70 0.00	31.70 1.50 0.00
EAST HAMPTON___GT 23717	54.95 1.56 -24.98	28.18 1.53 -1.45	26.91 1.45 0.00	26.16 1.45 0.00	26.54 1.55 0.00	26.53 1.54 -0.03	61.69 1.95 -29.19	68.43 2.15 -38.21	33.55 2.23 -4.02	31.02 2.14 -0.11	33.06 2.37 -0.76	33.34 2.38 -0.21	33.20 2.10 -1.96	33.37 2.10 -0.77	34.00 1.80 -4.64	34.58 1.23 0.00	37.38 0.73 0.00	35.68 1.13 0.00	37.18 0.76 0.00	41.00 1.70 0.00	39.29 1.17 0.00	34.86 0.56 0.00	31.72 0.77 -0.06	31.15 0.72 -0.23
EAST RIVER___6 23660	29.58 1.16 0.00	26.25 1.04 0.00	26.38 0.92 0.00	25.68 0.97 0.00	25.99 1.00 0.00	26.03 1.08 0.00	31.85 1.31 0.00	29.60 1.53 0.00	29.02 1.72 0.00	30.63 1.85 0.00	32.07 1.91 -0.24	32.74 1.86 -0.12	30.91 1.73 -0.04	32.36 1.86 0.00	30.86 1.72 -1.59	35.20 1.86 0.00	38.51 1.86 0.00	36.26 1.71 0.00	38.10 1.68 0.00	41.21 1.92 0.00	40.02 1.91 0.00	35.90 1.60 0.00	32.37 1.48 0.00	31.50 1.30 0.00
EAST RIVER___7 23524	29.58 1.16 0.00	26.25 1.04 0.00	26.38 0.92 0.00	25.68 0.97 0.00	25.99 1.00 0.00	26.03 1.08 0.00	31.85 1.31 0.00	29.60 1.53 0.00	29.02 1.72 0.00	30.63 1.85 0.00	32.07 1.91 -0.24	32.74 1.86 -0.12	30.91 1.73 -0.04	32.36 1.86 0.00	30.86 1.72 -1.59	35.20 1.86 0.00	38.51 1.86 0.00	36.26 1.71 0.00	38.10 1.68 0.00	41.21 1.92 0.00	40.02 1.91 0.00	35.90 1.60 0.00	32.37 1.48 0.00	31.50 1.30 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.38 0.95 0.00	26.07 0.87 0.00	26.24 0.78 0.00	25.52 0.81 0.00	25.83 0.84 0.00	25.85 0.90 0.00	31.66 1.12 0.00	29.37 1.31 0.00	28.75 1.45 0.00	30.32 1.55 0.00	31.74 1.58 -0.24	32.41 1.54 -0.12	30.61 1.43 -0.04	32.05 1.55 0.00	30.67 1.42 -1.70	34.86 1.52 0.00	38.14 1.49 0.00	35.95 1.40 0.00	37.78 1.36 0.00	40.93 1.63 0.00	39.69 1.58 0.00	35.61 1.31 0.00	32.11 1.22 0.00	31.28 1.08 0.00
EAST_HAMPTON___DIESEL 23722	54.95 1.55 -24.98	28.17 1.52 -1.45	26.91 1.45 0.00	26.15 1.44 0.00	26.53 1.54 0.00	26.51 1.53 -0.03	61.67 1.93 -29.19	68.41 2.14 -38.21	33.52 2.21 -4.02	31.00 2.11 -0.11	33.03 2.35 -0.76	33.32 2.36 -0.21	33.33 2.07 -1.96	33.33 2.06 -0.77	33.95 1.75 -4.64	34.51 1.17 0.00	37.30 0.65 0.00	35.62 1.07 0.00	37.10 0.68 0.00	40.94 1.64 0.00	39.20 1.08 0.00	34.76 0.46 0.00	31.63 0.68 -0.06	31.06 0.64 -0.23
EAST_POINT___SOLAR 323840	30.21 1.78 0.00	26.72 1.51 0.00	26.98 1.52 0.00	26.20 1.49 0.00	26.51 1.52 0.00	26.55 1.60 0.00	32.83 2.28 0.00	30.17 2.11 0.00	28.44 1.13 0.00	29.46 0.68 0.00	30.29 0.52 0.15	31.54 0.87 0.08	30.22 1.11 0.03	31.60 1.10 0.00	28.60 1.05 0.00	35.00 1.65 0.00	39.08 2.43 0.00	37.09 2.54 0.00	39.52 3.10 0.00	42.76 3.46 0.00	41.28 3.17 0.00	37.09 2.79 0.00	33.26 2.37 0.00	32.31 2.11 0.00
EAST_PULASKI___ESR 323781	28.46 0.03 0.00	25.19 -0.01 0.00	25.42 -0.04 0.00	24.66 -0.06 0.00	24.94 -0.05 0.00	24.95 0.00 0.00	30.71 0.16 0.00	28.23 0.18 0.00	27.40 0.10 0.00	28.74 -0.03 0.00	29.84 -0.08 0.00	30.71 -0.04 0.00	29.11 -0.03 0.00	30.52 0.02 0.00	27.63 0.07 0.00	33.55 0.21 0.00	36.98 0.33 0.00	34.88 0.33 0.00	37.01 0.59 0.00	39.84 0.54 0.00	38.52 0.40 0.00	34.67 0.37 0.00	31.14 0.25 0.00	30.30 0.10 0.00
EAST_RIVER___1 323558	29.57 1.14 0.00	26.24 1.04 0.00	26.38 0.92 0.00	25.68 0.97 0.00	25.99 1.00 0.00	26.02 1.07 0.00	31.87 1.32 0.00	29.60 1.53 0.00	29.02 1.72 0.00	30.63 1.85 0.00	32.06 1.90 -0.24	32.72 1.84 -0.12	30.91 1.72 -0.04	32.35 1.85 0.00	30.84 1.70 -1.59	35.19 1.84 0.00	38.51 1.86 0.00	36.26 1.71 0.00	38.10 1.68 0.00	41.22 1.92 0.00	39.99 1.88 0.00	35.89 1.59 0.00	32.36 1.47 0.00	31.49 1.29 0.00
EAST_RIVER___2 323559	29.58 1.16 0.00	26.25 1.04 0.00	26.38 0.92 0.00	25.68 0.97 0.00	25.99 1.00 0.00	26.03 1.08 0.00	31.85 1.31 0.00	29.60 1.53 0.00	29.02 1.72 0.00	30.63 1.85 0.00	32.07 1.91 -0.24	32.74 1.86 -0.12	30.91 1.73 -0.04	32.36 1.86 0.00	30.86 1.72 -1.59	35.20 1.86 0.00	38.51 1.86 0.00	36.26 1.71 0.00	38.10 1.68 0.00	41.21 1.92 0.00	40.02 1.91 0.00	35.90 1.60 0.00	32.37 1.48 0.00	31.50 1.30 0.00
EAST___DELAWARE_HYD 23607	28.38 -0.04 0.00	25.15 -0.05 0.00	25.35 -0.10 0.00	24.63 -0.08 0.00	24.93 -0.06 0.00	24.93 -0.02 0.00	30.60 0.05 0.00	28.34 0.28 0.00	27.71 0.40 0.00	29.21 0.44 0.00	30.53 0.46 -0.14	31.15 0.33 -0.07	29.40 0.23 -0.03	30.83 0.33 0.00	27.41 0.35 0.49	33.53 0.19 0.00	36.72 0.07 0.00	34.69 0.14 0.00	36.65 0.23 0.00	39.73 0.43 0.00	38.48 0.36 0.00	34.48 0.18 0.00	31.03 0.14 0.00	30.20 0.01 0.00
EIGHT_POINT___WT_PWR 323820	29.49 1.07 0.00	25.90 0.70 0.00	26.17 0.71 0.00	25.29 0.58 0.00	25.66 0.67 0.00	25.93 0.98 0.00	32.32 1.77 0.00	29.85 1.79 0.00	28.91 1.60 0.00	30.49 1.71 0.00	31.89 1.97 0.00	33.21 2.46 0.00	31.52 2.38 0.00	32.77 2.27 0.00	29.31 1.76 0.00	35.47 2.11 -0.01	39.31 2.66 0.00	37.32 2.78 0.00	39.76 3.34 0.00	42.61 3.31 0.00	40.92 2.80 0.00	36.53 2.24 0.00	33.01 2.12 0.00	31.96 1.76 0.00
ELBRIDGE_115KV_TB2 80188	28.20 -0.22 0.00	24.96 -0.24 0.00	25.23 -0.23 0.00	24.49 -0.22 0.00	24.72 -0.27 0.00	24.69 -0.25 0.00	30.35 -0.19 0.00	27.93 -0.14 0.00	27.16 -0.14 0.00	28.66 -0.12 0.00	29.84 -0.08 0.00	30.80 0.05 0.00	29.22 0.07 0.00	30.54 0.04 0.00	27.56 0.01 0.00	33.32 -0.03 0.00	36.66 0.01 0.00	34.56 0.00 0.00	36.55 0.13 0.00	39.33 0.04 0.00	38.05 -0.06 0.00	34.25 -0.05 0.00	30.78 -0.11 0.00	29.96 -0.23 0.00
ELEC_TRO_TEK 24086	54.53 1.13 -24.98	27.87 1.23 -1.45	26.59 1.13 0.00	25.85 1.14 0.00	26.19 1.20 0.00	26.26 1.28 -0.03	61.37 1.63 -29.19	68.06 1.78 -38.21	33.25 1.93 -4.02	30.87 1.98 -0.11	32.77 2.09 -0.76	33.00 2.05 -0.21	33.06 1.97 -1.96	33.33 2.06 -0.77	34.10 1.91 -4.64	35.17 1.83 0.00	38.29 1.64 0.00	36.17 1.62 0.00	37.92 1.50 0.00	41.23 1.93 0.00	40.01 1.90 0.00	35.95 1.65 0.00	32.66 1.72 -0.06	32.00 1.58 -0.23

ELLENBURG_WT_PWR 323604	28.91 0.49 0.00	25.67 0.47 0.00	25.85 0.39 0.00	25.08 0.37 0.00	25.34 0.35 0.00	25.29 0.34 0.00	31.07 0.53 0.00	28.62 0.56 0.00	27.71 0.41 0.00	29.08 0.30 0.00	30.18 0.25 0.00	30.99 0.24 0.00	29.39 0.25 0.00	30.86 0.36 0.00	27.83 0.28 0.00	33.97 0.63 0.00	37.56 0.91 0.00	34.67 0.12 0.00	36.57 0.15 0.00	40.20 0.90 0.00	39.34 1.22 0.00	36.02 1.72 0.00	32.40 1.52 0.00	31.83 1.64 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.99 -0.43 0.00	24.50 -0.70 0.00	24.84 -0.61 0.00	24.02 -0.69 0.00	24.23 -0.76 0.00	24.32 -0.63 0.00	30.13 -0.42 0.00	27.42 -0.64 0.00	26.64 -0.66 0.00	28.50 -0.28 0.00	29.99 0.07 0.00	31.41 0.66 0.00	29.89 0.75 0.00	31.00 0.50 0.00	27.51 -0.05 0.00	33.11 -0.26 -0.03	36.70 0.05 0.00	34.88 0.33 0.00	37.03 0.61 0.00	39.22 -0.08 0.00	37.84 -0.28 0.00	34.50 0.20 0.00	31.00 0.11 0.00	30.05 -0.15 0.00
EMPIRE_CC_1 323656	28.90 0.48 0.00	25.65 0.45 0.00	25.90 0.45 0.00	25.11 0.40 0.00	25.42 0.43 0.00	25.38 0.43 0.00	30.80 0.25 0.00	28.35 0.29 0.00	27.58 0.28 0.00	29.02 0.25 0.00	29.61 0.09 0.40	30.57 0.03 0.21	29.15 0.08 0.07	30.69 0.19 0.00	28.13 0.19 -0.39	33.64 0.29 0.00	36.74 0.10 0.00	34.59 0.05 0.00	36.36 -0.06 0.00	39.55 0.25 0.00	38.45 0.34 0.00	34.53 0.23 0.00	31.09 0.20 0.00	30.41 0.22 0.00
EMPIRE_CC_2 323658	28.90 0.48 0.00	25.65 0.45 0.00	25.90 0.45 0.00	25.11 0.40 0.00	25.42 0.43 0.00	25.38 0.43 0.00	30.80 0.25 0.00	28.35 0.29 0.00	27.58 0.28 0.00	29.02 0.25 0.00	29.61 0.09 0.40	30.57 0.03 0.21	29.15 0.08 0.07	30.69 0.19 0.00	28.13 0.19 -0.39	33.64 0.29 0.00	36.74 0.10 0.00	34.59 0.05 0.00	36.36 -0.06 0.00	39.55 0.25 0.00	38.45 0.34 0.00	34.53 0.23 0.00	31.09 0.20 0.00	30.41 0.22 0.00
ENORWICH_115KV_TB1 80156	29.97 1.55 0.00	26.47 1.27 0.00	26.85 1.39 0.00	26.08 1.37 0.00	26.46 1.47 0.00	26.60 1.65 0.00	33.04 2.49 0.00	30.44 2.38 0.00	29.43 2.13 0.00	30.84 2.06 0.00	32.16 2.23 0.00	33.35 2.60 0.00	31.57 2.43 0.00	32.76 2.26 0.00	29.50 1.95 0.00	35.83 2.48 0.00	39.69 3.05 0.00	37.61 3.06 0.00	40.32 3.90 0.00	43.31 4.01 0.00	41.81 3.69 0.00	37.45 3.15 0.00	33.48 2.59 0.00	32.44 2.25 0.00
ERIE_ST__34_KV_TB1-2 80199	28.74 0.32 0.00	25.13 -0.07 0.00	25.47 0.01 0.00	24.65 -0.06 0.00	24.87 -0.12 0.00	24.94 -0.01 0.00	30.93 0.39 0.00	28.22 0.16 0.00	27.44 0.14 0.00	29.34 0.57 0.00	30.87 0.95 0.00	32.24 1.49 0.00	30.66 1.53 0.00	31.85 1.35 0.00	28.29 0.74 0.00	34.09 0.72 -0.02	37.76 1.11 0.00	35.89 1.34 0.00	38.11 1.69 0.00	40.37 1.07 0.00	38.91 0.80 0.00	35.40 1.10 0.00	31.75 0.86 0.00	30.76 0.57 0.00
ERIE_WT_PWR 323693	28.27 -0.16 0.00	24.72 -0.48 0.00	25.07 -0.39 0.00	24.25 -0.47 0.00	24.45 -0.53 0.00	24.55 -0.40 0.00	30.42 -0.12 0.00	27.73 -0.33 0.00	26.93 -0.37 0.00	28.80 0.02 0.00	30.32 0.40 0.00	31.79 1.04 0.00	30.19 1.04 0.00	31.33 0.83 0.00	27.82 0.27 0.00	33.51 0.14 -0.02	37.13 0.48 0.00	35.25 0.71 0.00	37.46 1.04 0.00	39.70 0.40 0.00	38.29 0.17 0.00	34.89 0.59 0.00	31.30 0.41 0.00	30.34 0.14 0.00
ESPRGFLD_115KV_TB1 80157	29.62 1.20 0.00	26.23 1.02 0.00	26.52 1.07 0.00	25.79 1.08 0.00	26.07 1.07 0.00	26.02 1.07 0.00	32.23 1.69 0.00	29.72 1.66 0.00	28.73 1.43 0.00	30.15 1.38 0.00	31.35 1.52 0.09	32.47 1.76 0.05	30.81 1.69 0.02	32.18 1.68 0.00	29.01 1.46 0.00	35.09 1.75 0.00	38.83 2.18 0.00	36.74 2.19 0.00	38.99 2.57 0.00	41.93 2.63 0.00	40.48 2.36 0.00	36.43 2.13 0.00	32.74 1.85 0.00	31.82 1.63 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.80 0.38 0.00	25.47 0.27 0.00	25.75 0.30 0.00	24.99 0.28 0.00	25.30 0.31 0.00	25.33 0.38 0.00	31.25 0.70 0.00	28.82 0.75 0.00	27.98 0.67 0.00	29.42 0.64 0.00	30.65 0.73 0.00	31.80 1.04 0.00	30.13 0.99 0.00	31.40 0.90 0.00	28.29 0.74 0.00	34.25 0.91 0.00	37.77 1.13 0.00	35.65 1.10 0.00	37.91 1.49 0.00	40.86 1.56 0.00	39.49 1.38 0.00	35.48 1.18 0.00	31.83 0.94 0.00	30.93 0.73 0.00
ETNA____115KV_TB2 80207	28.80 0.38 0.00	25.47 0.27 0.00	25.75 0.30 0.00	24.99 0.28 0.00	25.30 0.31 0.00	25.33 0.38 0.00	31.25 0.70 0.00	28.82 0.75 0.00	27.98 0.67 0.00	29.42 0.64 0.00	30.65 0.73 0.00	31.80 1.04 0.00	30.13 0.99 0.00	31.40 0.90 0.00	28.29 0.74 0.00	34.25 0.91 0.00	37.77 1.13 0.00	35.65 1.10 0.00	37.91 1.49 0.00	40.86 1.56 0.00	39.49 1.38 0.00	35.48 1.18 0.00	31.83 0.94 0.00	30.93 0.73 0.00
EUCLID__115KV_TB2 356179	28.05 -0.37 0.00	24.83 -0.37 0.00	25.09 -0.37 0.00	24.36 -0.35 0.00	24.63 -0.36 0.00	24.61 -0.35 0.00	30.21 -0.33 0.00	27.79 -0.28 0.00	27.04 -0.27 0.00	28.51 -0.27 0.00	29.69 -0.23 0.00	30.64 -0.11 0.00	29.07 -0.07 0.00	30.41 -0.09 0.00	27.43 -0.12 0.00	33.18 -0.17 0.00	36.48 -0.17 0.00	34.38 -0.17 0.00	36.33 -0.09 0.00	39.11 -0.18 0.00	37.87 -0.25 0.00	34.07 -0.23 0.00	30.65 -0.24 0.00	29.84 -0.35 0.00
E_CANADA_CAP_HY 24051	30.03 1.60 0.00	26.58 1.38 0.00	26.83 1.38 0.00	26.07 1.36 0.00	26.35 1.36 0.00	26.35 1.40 0.00	32.60 2.05 0.00	29.98 1.92 0.00	28.78 1.48 0.00	30.01 1.23 0.00	31.06 1.28 0.14	32.17 1.49 0.07	30.62 1.50 0.03	32.01 1.51 0.00	28.89 1.33 0.00	35.11 1.77 0.00	39.02 2.37 0.00	36.99 2.44 0.00	39.23 2.81 0.00	42.28 2.98 0.00	40.82 2.71 0.00	36.79 2.49 0.00	33.05 2.16 0.00	32.15 1.95 0.00
E_CANADA_MHWK_HY 24050	28.32 -0.11 0.00	25.10 -0.10 0.00	25.38 -0.08 0.00	24.60 -0.11 0.00	24.99 0.00 0.00	24.98 0.03 0.00	30.47 -0.08 0.00	28.18 0.12 0.00	27.14 -0.16 0.00	27.97 -0.80 0.00	28.86 -1.06 0.00	29.62 -1.13 0.00	28.23 -0.91 0.00	29.58 -0.92 0.00	26.95 -0.60 0.00	33.17 -0.18 0.00	36.30 -0.35 0.00	34.41 -0.14 0.00	36.32 -0.10 0.00	39.83 0.53 0.00	38.68 0.57 0.00	34.51 0.21 0.00	30.88 0.00 0.00	30.07 -0.13 0.00
E_FISHKILL__LBMP 23776	29.19 0.77 0.00	25.89 0.69 0.00	26.09 0.63 0.00	25.36 0.64 0.00	25.66 0.67 0.00	25.65 0.70 0.00	31.40 0.85 0.00	29.08 1.02 0.00	28.45 1.15 0.00	29.98 1.20 0.00	31.37 1.21 -0.24	32.04 1.16 -0.12	30.26 1.08 -0.04	31.69 1.19 0.00	29.19 1.10 -0.54	34.51 1.17 0.00	37.79 1.14 0.00	35.61 1.06 0.00	37.45 1.03 0.00	40.59 1.28 0.00	39.36 1.24 0.00	35.30 1.00 0.00	31.82 0.93 0.00	31.02 0.82 0.00
FALCON___SEABRD_CC1 323796	28.88 0.45 0.00	25.63 0.43 0.00	25.81 0.36 0.00	25.05 0.34 0.00	25.31 0.32 0.00	25.26 0.31 0.00	31.03 0.49 0.00	28.59 0.53 0.00	27.67 0.37 0.00	29.05 0.27 0.00	30.14 0.22 0.00	30.95 0.20 0.00	29.35 0.21 0.00	30.82 0.32 0.00	27.79 0.24 0.00	33.93 0.59 0.00	37.51 0.86 0.00	34.57 0.02 0.00	36.47 0.06 0.00	40.13 0.83 0.00	39.35 1.23 0.00	36.05 1.75 0.00	32.43 1.55 0.00	31.86 1.66 0.00

FALCON___SEABRD_CC2 323797	28.88 0.45 0.00	25.63 0.43 0.00	25.81 0.36 0.00	25.05 0.34 0.00	25.31 0.32 0.00	25.26 0.31 0.00	31.03 0.49 0.00	28.59 0.53 0.00	27.67 0.37 0.00	29.05 0.27 0.00	30.14 0.22 0.00	30.95 0.20 0.00	29.35 0.21 0.00	30.82 0.32 0.00	27.79 0.24 0.00	33.93 0.59 0.00	37.51 0.86 0.00	34.57 0.02 0.00	36.47 0.06 0.00	40.13 0.83 0.00	39.35 1.23 0.00	36.05 1.75 0.00	32.43 1.55 0.00	31.86 1.66 0.00
FAR ROCKAWAY___4 23548	54.91 1.51 -24.98	28.19 1.54 -1.45	26.91 1.45 0.00	26.14 1.43 0.00	26.48 1.49 0.00	26.57 1.58 -0.03	61.74 2.00 -29.19	68.38 2.11 -38.21	33.57 2.25 -4.02	31.22 2.33 -0.11	33.17 2.49 -0.76	33.42 2.46 -0.21	33.48 2.38 -1.96	33.77 2.50 -0.77	34.49 2.30 -4.64	35.64 2.30 0.00	38.85 2.21 0.00	36.70 2.16 0.00	38.49 2.07 0.00	41.84 2.54 0.00	40.59 2.47 0.00	36.49 2.19 0.00	33.14 2.19 -0.06	32.44 2.01 -0.23
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.58 1.16 0.00	26.24 1.04 0.00	26.39 0.93 0.00	25.68 0.97 0.00	26.00 1.01 0.00	26.02 1.07 0.00	31.89 1.34 0.00	29.62 1.56 0.00	29.03 1.73 0.00	30.64 1.87 0.00	32.07 1.91 -0.24	32.74 1.87 -0.12	30.93 1.74 -0.04	32.37 1.87 0.00	30.86 1.72 -1.59	35.21 1.87 0.00	38.53 1.88 0.00	36.28 1.74 0.00	38.12 1.70 0.00	41.24 1.94 0.00	40.02 1.90 0.00	35.91 1.61 0.00	32.37 1.49 0.00	31.50 1.31 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.60 1.18 0.00	26.26 1.06 0.00	26.40 0.94 0.00	25.70 0.99 0.00	26.01 1.02 0.00	26.04 1.08 0.00	31.90 1.36 0.00	29.63 1.57 0.00	29.05 1.74 0.00	30.65 1.88 0.00	32.08 1.93 -0.24	32.75 1.88 -0.12	30.93 1.75 -0.04	32.39 1.88 0.00	30.87 1.73 -1.59	35.22 1.87 0.00	38.54 1.90 0.00	36.30 1.75 0.00	38.14 1.73 0.00	41.26 1.96 0.00	40.04 1.93 0.00	35.93 1.63 0.00	32.39 1.50 0.00	31.52 1.33 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.57 1.14 0.00	26.23 1.03 0.00	26.38 0.92 0.00	25.68 0.97 0.00	25.99 1.00 0.00	26.02 1.07 0.00	31.87 1.33 0.00	29.60 1.54 0.00	29.02 1.72 0.00	30.63 1.85 0.00	32.06 1.90 -0.24	32.73 1.85 -0.12	30.91 1.72 -0.04	32.36 1.86 0.00	30.84 1.70 -1.59	35.19 1.85 0.00	38.51 1.86 0.00	36.26 1.71 0.00	38.10 1.68 0.00	41.22 1.92 0.00	40.00 1.88 0.00	35.89 1.59 0.00	32.36 1.47 0.00	31.49 1.29 0.00
FARRAGUT___LBMP 323566	29.55 1.13 0.00	26.21 1.01 0.00	26.36 0.90 0.00	25.65 0.95 0.00	25.97 0.98 0.00	25.99 1.04 0.00	31.85 1.30 0.00	29.58 1.52 0.00	28.99 1.69 0.00	30.60 1.82 0.00	32.02 1.86 -0.24	32.69 1.82 -0.12	30.87 1.69 -0.04	32.32 1.82 0.00	30.81 1.67 -1.59	35.15 1.81 0.00	38.47 1.82 0.00	36.23 1.68 0.00	38.06 1.64 0.00	41.18 1.88 0.00	39.96 1.85 0.00	35.86 1.56 0.00	32.33 1.44 0.00	31.46 1.27 0.00
FENNER___WINDPWR 24204	28.91 0.49 0.00	25.56 0.36 0.00	25.86 0.40 0.00	25.10 0.39 0.00	25.42 0.43 0.00	25.44 0.49 0.00	31.31 0.77 0.00	28.80 0.74 0.00	27.96 0.66 0.00	29.38 0.61 0.00	30.53 0.61 0.00	31.53 0.78 0.00	29.91 0.77 0.00	31.30 0.81 0.00	28.32 0.77 0.00	34.29 0.94 0.00	37.82 1.17 0.00	35.72 1.17 0.00	37.77 1.35 0.00	40.72 1.42 0.00	39.39 1.27 0.00	35.38 1.08 0.00	31.76 0.88 0.00	30.91 0.71 0.00
FIBERTEK___ENERGY 23856	28.35 -0.07 0.00	25.10 -0.10 0.00	25.36 -0.10 0.00	24.62 -0.10 0.00	24.89 -0.10 0.00	24.87 -0.09 0.00	30.56 0.02 0.00	28.12 0.06 0.00	27.35 0.05 0.00	28.84 0.06 0.00	30.02 0.10 0.00	31.00 0.24 0.00	29.41 0.26 0.00	30.76 0.26 0.00	27.76 0.21 0.00	33.58 0.23 0.00	36.93 0.29 0.00	34.80 0.26 0.00	36.82 0.40 0.00	39.62 0.32 0.00	38.33 0.21 0.00	34.47 0.17 0.00	30.99 0.10 0.00	30.16 -0.04 0.00
FITZPATRICK____ 23598	27.70 -0.72 0.00	24.54 -0.66 0.00	24.79 -0.67 0.00	24.07 -0.64 0.00	24.34 -0.65 0.00	24.31 -0.64 0.00	29.81 -0.73 0.00	27.40 -0.66 0.00	26.65 -0.65 0.00	28.11 -0.67 0.00	29.26 -0.66 0.00	30.16 -0.59 0.00	28.61 -0.53 0.00	29.92 -0.58 0.00	27.00 -0.55 0.00	32.65 -0.69 0.00	35.92 -0.73 0.00	34.33 -0.22 0.00	35.74 -0.68 0.00	38.49 -0.81 0.00	37.28 -0.83 0.00	33.57 -0.74 0.00	30.20 -0.69 0.00	29.43 -0.76 0.00
FLOWRFLD_69_KV_BK1 356044	54.50 1.10 -24.98	27.80 1.15 -1.45	26.51 1.06 0.00	25.78 1.07 0.00	26.14 1.15 0.00	26.21 1.23 -0.03	61.35 1.61 -29.19	68.07 1.79 -38.21	33.26 1.94 -4.02	30.84 1.95 -0.11	32.80 2.12 -0.76	32.96 2.01 -0.21	33.05 1.96 -1.96	33.29 2.02 -0.77	34.10 1.90 -4.64	34.98 1.64 0.00	37.83 1.19 0.00	35.74 1.19 0.00	37.42 1.00 0.00	41.10 1.80 0.00	39.78 1.66 0.00	35.70 1.40 0.00	32.56 1.61 -0.06	31.90 1.47 -0.23
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.50 1.08 0.00	26.14 0.94 0.00	26.33 0.88 0.00	25.59 0.88 0.00	25.90 0.91 0.00	25.91 0.96 0.00	31.76 1.22 0.00	29.42 1.36 0.00	28.78 1.48 0.00	30.34 1.56 0.00	31.71 1.60 -0.19	32.42 1.57 -0.10	30.64 1.46 -0.03	32.11 1.61 0.00	29.02 1.47 0.00	34.96 1.62 0.00	38.29 1.65 0.00	36.20 1.65 0.00	38.11 1.69 0.00	41.27 1.98 0.00	39.99 1.87 0.00	35.83 1.53 0.00	32.25 1.36 0.00	31.39 1.20 0.00
FORT ORANGE____ 23900	28.73 0.31 0.00	25.51 0.31 0.00	25.82 0.36 0.00	25.03 0.32 0.00	25.34 0.35 0.00	25.32 0.37 0.00	30.86 0.31 0.00	28.44 0.37 0.00	27.67 0.37 0.00	29.07 0.30 0.00	29.87 0.15 0.20	30.76 0.11 0.10	29.26 0.15 0.04	30.74 0.24 0.00	28.12 0.28 -0.29	33.81 0.46 0.00	37.02 0.37 0.00	34.92 0.37 0.00	36.75 0.33 0.00	39.93 0.63 0.00	38.76 0.65 0.00	34.76 0.47 0.00	31.24 0.36 0.00	30.50 0.30 0.00
FORT_DRUM_COGEN 23780	29.83 1.41 0.00	26.40 1.20 0.00	26.54 1.08 0.00	25.69 0.97 0.00	25.97 0.98 0.00	26.10 1.15 0.00	32.29 1.75 0.00	29.64 1.58 0.00	28.65 1.35 0.00	29.75 0.97 0.00	30.74 0.82 0.00	31.52 0.77 0.00	29.86 0.72 0.00	31.46 0.96 0.00	28.60 1.04 0.00	35.14 1.79 0.00	38.94 2.29 0.00	36.89 2.34 0.00	39.41 2.99 0.00	42.34 3.04 0.00	40.90 2.79 0.00	36.65 2.35 0.00	32.81 1.92 0.00	31.86 1.67 0.00
FOX_HILLS___ESR 323835	29.67 1.25 0.00	26.33 1.13 0.00	26.47 1.01 0.00	25.76 1.05 0.00	26.07 1.08 0.00	26.11 1.16 0.00	32.01 1.47 0.00	29.71 1.65 0.00	29.11 1.81 0.00	28.11 1.94 2.60	32.12 1.96 -0.24	31.94 1.95 0.77	30.16 1.83 0.81	32.45 1.95 0.00	24.49 1.80 4.86	35.25 1.97 0.06	13.64 2.08 25.09	36.35 1.80 0.00	38.13 1.72 0.00	40.94 1.97 0.33	40.11 2.00 0.00	36.04 1.74 0.00	32.47 1.58 0.00	31.58 1.39 0.00
FPL FAR_ROCK_GT1 24212	54.92 1.52 -24.98	28.19 1.55 -1.45	26.91 1.45 0.00	26.14 1.43 0.00	26.47 1.48 0.00	26.57 1.59 -0.03	61.74 2.00 -29.19	68.38 2.11 -38.21	33.57 2.25 -4.02	31.22 2.34 -0.11	33.16 2.48 -0.76	33.40 2.44 -0.21	33.48 2.38 -1.96	33.77 2.50 -0.77	34.49 2.30 -4.64	35.64 2.30 0.00	38.86 2.21 0.00	36.71 2.16 0.00	38.49 2.07 0.00	41.84 2.54 0.00	40.59 2.47 0.00	36.49 2.19 0.00	33.14 2.20 -0.06	32.44 2.01 -0.23



FPL FAR_ROCK_GT2 23815	54.92 1.52 -24.98	28.19 1.55 -1.45	26.91 1.45 0.00	26.14 1.43 0.00	26.47 1.48 0.00	26.57 1.59 -0.03	61.74 2.00 -29.19	68.38 2.11 -38.21	33.57 2.25 -4.02	31.22 2.34 -0.11	33.16 2.48 -0.76	33.40 2.44 -0.21	33.48 2.38 -1.96	33.77 2.50 -0.77	34.49 2.30 -4.64	35.64 2.30 0.00	38.86 2.21 0.00	36.71 2.16 0.00	38.49 2.07 0.00	41.84 2.54 0.00	40.59 2.47 0.00	36.49 2.19 0.00	33.14 2.20 -0.06	32.44 2.01 -0.23
FRANKLIN_FALL_HYD 24054	29.00 0.58 0.00	25.76 0.56 0.00	25.94 0.48 0.00	25.18 0.47 0.00	25.43 0.44 0.00	25.39 0.44 0.00	31.21 0.66 0.00	28.64 0.58 0.00	27.72 0.42 0.00	29.16 0.38 0.00	30.25 0.33 0.00	30.99 0.24 0.00	29.31 0.17 0.00	30.66 0.16 0.00	27.71 0.16 0.00	33.78 0.44 0.00	37.34 0.69 0.00	34.92 0.37 0.00	36.92 0.50 0.00	40.05 0.75 0.00	39.01 0.89 0.00	35.41 1.11 0.00	31.88 0.99 0.00	31.30 1.10 0.00
FREEPORT_EQUS_GT1 23764	54.67 1.27 -24.98	27.99 1.34 -1.45	26.70 1.24 0.00	25.94 1.23 0.00	26.30 1.31 0.00	26.39 1.41 -0.03	61.52 1.78 -29.19	68.20 1.93 -38.21	33.39 2.07 -4.02	31.01 2.12 -0.11	32.92 2.24 -0.76	33.14 2.18 -0.21	33.22 2.12 -1.96	33.50 2.22 -0.77	34.24 2.05 -4.64	35.31 1.96 0.00	38.43 1.78 0.00	36.35 1.80 0.00	38.08 1.67 0.00	41.45 2.15 0.00	40.22 2.11 0.00	36.15 1.85 0.00	32.87 1.93 -0.06	32.18 1.75 -0.23
FREEPORT___CT2 23818	54.67 1.27 -24.98	27.99 1.34 -1.45	26.70 1.24 0.00	25.94 1.23 0.00	26.30 1.31 0.00	26.39 1.41 -0.03	61.52 1.78 -29.19	68.20 1.93 -38.21	33.39 2.07 -4.02	31.01 2.12 -0.11	32.92 2.24 -0.76	33.14 2.18 -0.21	33.22 2.12 -1.96	33.50 2.22 -0.77	34.24 2.05 -4.64	35.31 1.96 0.00	38.43 1.78 0.00	36.35 1.80 0.00	38.08 1.67 0.00	41.45 2.15 0.00	40.22 2.11 0.00	36.15 1.85 0.00	32.87 1.93 -0.06	32.18 1.75 -0.23
FRESHKLS_33_KV_LOAD 356253	29.69 1.27 0.00	26.36 1.16 0.00	26.49 1.04 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.14 1.19 0.00	32.04 1.50 0.00	29.74 1.67 0.00	29.12 1.82 0.00	28.11 1.94 2.60	32.11 1.95 -0.24	31.93 1.95 0.77	30.16 1.83 0.81	32.46 1.96 0.00	24.49 1.80 4.86	35.25 1.96 0.06	13.61 2.06 25.09	36.36 1.81 0.00	38.15 1.73 0.00	40.94 1.97 0.33	40.13 2.02 0.00	36.07 1.77 0.00	32.49 1.61 0.00	31.60 1.41 0.00
FULTON COGEN____ 23766	28.01 -0.41 0.00	24.81 -0.39 0.00	25.07 -0.39 0.00	24.33 -0.38 0.00	24.61 -0.38 0.00	24.59 -0.36 0.00	30.20 -0.35 0.00	27.78 -0.28 0.00	27.02 -0.29 0.00	28.48 -0.30 0.00	29.63 -0.30 0.00	30.51 -0.24 0.00	28.96 -0.18 0.00	30.34 -0.16 0.00	27.38 -0.17 0.00	33.13 -0.21 0.00	36.45 -0.20 0.00	34.35 -0.20 0.00	36.32 -0.10 0.00	39.12 -0.18 0.00	37.86 -0.26 0.00	34.06 -0.24 0.00	30.61 -0.28 0.00	29.80 -0.40 0.00
FULTON___LFGE 323630	30.01 1.59 0.00	26.56 1.35 0.00	26.81 1.35 0.00	26.02 1.31 0.00	26.33 1.34 0.00	26.35 1.40 0.00	32.52 1.97 0.00	29.92 1.86 0.00	28.64 1.34 0.00	29.55 0.77 0.00	30.55 0.79 0.16	31.58 0.90 0.08	30.16 1.05 0.03	31.49 0.99 0.00	28.44 0.89 0.00	34.92 1.57 0.00	38.87 2.22 0.00	36.87 2.32 0.00	39.10 2.68 0.00	42.32 3.02 0.00	40.89 2.77 0.00	36.73 2.44 0.00	32.96 2.07 0.00	32.05 1.86 0.00
G.F.CEMENT___DRP 24184	29.79 1.37 0.00	26.24 1.04 0.00	26.47 1.01 0.00	25.67 0.96 0.00	26.24 1.25 0.00	26.46 1.51 0.00	32.40 1.86 0.00	29.88 1.82 0.00	29.08 1.78 0.00	30.35 1.57 0.00	31.14 1.46 0.24	32.16 1.53 0.12	30.80 1.70 0.04	32.41 1.91 0.00	29.62 1.77 -0.29	35.80 2.46 0.00	39.37 2.72 0.00	37.03 2.48 0.00	39.05 2.63 0.00	42.55 3.25 0.00	40.87 2.76 0.00	36.59 2.29 0.00	32.81 1.92 0.00	32.04 1.84 0.00
GARDENVILLE___LBMP 24039	28.12 -0.30 0.00	24.62 -0.58 0.00	24.96 -0.50 0.00	24.15 -0.56 0.00	24.36 -0.63 0.00	24.44 -0.51 0.00	30.29 -0.25 0.00	27.61 -0.45 0.00	26.81 -0.49 0.00	28.68 -0.09 0.00	30.18 0.26 0.00	31.59 0.84 0.00	30.05 0.91 0.00	31.19 0.68 0.00	27.70 0.14 0.00	33.35 -0.02 0.00	36.96 0.31 0.00	35.11 0.56 0.00	37.29 0.87 0.00	39.51 0.21 0.00	38.11 -0.01 0.00	34.72 0.42 0.00	31.18 0.29 0.00	30.22 0.03 0.00
GARDNVLA_35_KV_LD 355827	28.28 -0.14 0.00	24.75 -0.45 0.00	25.09 -0.36 0.00	24.27 -0.44 0.00	24.47 -0.52 0.00	24.56 -0.39 0.00	30.45 -0.10 0.00	27.74 -0.32 0.00	26.95 -0.35 0.00	28.83 0.05 0.00	30.35 0.43 0.00	31.78 1.03 0.00	30.24 1.10 0.00	31.39 0.88 0.00	27.87 0.31 0.00	33.56 0.19 -0.02	37.20 0.55 0.00	35.33 0.78 0.00	37.52 1.10 0.00	39.74 0.44 0.00	38.33 0.22 0.00	34.94 0.64 0.00	31.35 0.46 0.00	30.37 0.17 0.00
GELCKHM___115KV_LOAD 80723	28.16 -0.26 0.00	24.93 -0.27 0.00	25.19 -0.27 0.00	24.45 -0.26 0.00	24.72 -0.27 0.00	24.70 -0.25 0.00	30.34 -0.20 0.00	27.91 -0.15 0.00	27.15 -0.15 0.00	28.63 -0.14 0.00	29.81 -0.11 0.00	30.77 0.02 0.00	29.19 0.05 0.00	30.53 0.03 0.00	27.55 0.00 0.00	33.33 -0.02 0.00	36.65 0.00 0.00	34.54 -0.01 0.00	36.50 0.09 0.00	39.31 0.01 0.00	38.04 -0.07 0.00	34.22 -0.08 0.00	30.77 -0.12 0.00	29.95 -0.24 0.00
GENERAL___MILLS 23808	28.23 -0.19 0.00	24.71 -0.49 0.00	25.05 -0.40 0.00	24.23 -0.48 0.00	24.43 -0.55 0.00	24.52 -0.43 0.00	30.40 -0.15 0.00	27.69 -0.37 0.00	26.90 -0.40 0.00	28.77 0.00 0.00	30.29 0.37 0.00	31.71 0.96 0.00	30.17 1.03 0.00	31.31 0.81 0.00	27.80 0.24 0.00	33.46 0.10 -0.02	37.10 0.45 0.00	35.24 0.69 0.00	37.43 1.01 0.00	39.65 0.35 0.00	38.25 0.13 0.00	34.85 0.55 0.00	31.29 0.40 0.00	30.32 0.13 0.00
GE_PLASTICS___DRP 24183	28.52 0.10 0.00	25.38 0.18 0.00	25.78 0.32 0.00	25.00 0.29 0.00	25.30 0.31 0.00	25.27 0.33 0.00	30.81 0.26 0.00	28.38 0.32 0.00	27.63 0.32 0.00	29.04 0.27 0.00	29.89 0.15 0.19	30.77 0.11 0.10	29.26 0.15 0.03	30.74 0.23 0.00	28.10 0.26 -0.29	33.74 0.40 0.00	36.96 0.31 0.00	34.83 0.28 0.00	36.65 0.23 0.00	39.79 0.48 0.00	38.63 0.52 0.00	34.65 0.35 0.00	31.18 0.28 0.00	30.44 0.25 0.00
GILBOA___1 23756	28.76 0.34 0.00	25.53 0.33 0.00	26.01 0.56 0.00	25.26 0.55 0.00	25.54 0.55 0.00	25.28 0.33 0.00	30.95 0.40 0.00	28.57 0.51 0.00	27.87 0.56 0.00	29.36 0.58 0.00	30.58 0.58 -0.08	31.38 0.58 -0.04	29.70 0.55 -0.01	31.11 0.61 0.00	28.11 0.56 0.00	33.94 0.60 0.00	37.10 0.45 0.00	34.83 0.28 0.00	36.80 0.38 0.00	39.81 0.52 0.00	38.68 0.57 0.00	34.80 0.50 0.00	31.36 0.47 0.00	30.59 0.40 0.00
GILBOA___2 23757	28.76 0.34 0.00	25.53 0.33 0.00	26.01 0.56 0.00	25.26 0.55 0.00	25.54 0.55 0.00	25.28 0.33 0.00	30.95 0.40 0.00	28.57 0.51 0.00	27.87 0.56 0.00	29.36 0.58 0.00	30.58 0.58 -0.08	31.38 0.58 -0.04	29.70 0.55 -0.01	31.11 0.61 0.00	28.11 0.56 0.00	33.94 0.60 0.00	37.10 0.45 0.00	34.83 0.28 0.00	36.80 0.38 0.00	39.81 0.52 0.00	38.68 0.57 0.00	34.80 0.50 0.00	31.36 0.47 0.00	30.59 0.40 0.00

GILBOA___3 23758	28.76 0.34 0.00	25.53 0.33 0.00	26.01 0.56 0.00	25.26 0.55 0.00	25.54 0.55 0.00	25.28 0.33 0.00	30.95 0.40 0.00	28.57 0.51 0.00	27.87 0.56 0.00	29.36 0.58 0.00	30.58 0.58 -0.08	31.38 0.58 -0.04	29.70 0.55 -0.01	31.11 0.61 0.00	28.11 0.56 0.00	33.94 0.60 0.00	37.10 0.45 0.00	34.83 0.28 0.00	36.80 0.38 0.00	39.81 0.52 0.00	38.68 0.57 0.00	34.80 0.50 0.00	31.36 0.47 0.00	30.59 0.40 0.00
GILBOA___4 23759	28.76 0.34 0.00	25.53 0.33 0.00	26.01 0.56 0.00	25.26 0.55 0.00	25.54 0.55 0.00	25.28 0.33 0.00	30.95 0.40 0.00	28.57 0.51 0.00	27.87 0.56 0.00	29.36 0.58 0.00	30.58 0.58 -0.08	31.38 0.58 -0.04	29.70 0.55 -0.01	31.11 0.61 0.00	28.11 0.56 0.00	33.94 0.60 0.00	37.10 0.45 0.00	34.83 0.28 0.00	36.80 0.38 0.00	39.81 0.52 0.00	38.68 0.57 0.00	34.80 0.50 0.00	31.36 0.47 0.00	30.59 0.40 0.00
GILBOA___ 23599	28.77 0.34 0.00	25.53 0.32 0.00	26.02 0.56 0.00	25.26 0.55 0.00	25.54 0.55 0.00	25.28 0.32 0.00	30.95 0.40 0.00	28.57 0.51 0.00	27.87 0.56 0.00	29.36 0.58 0.00	30.58 0.58 -0.08	31.38 0.59 -0.04	29.70 0.55 -0.01	31.11 0.61 0.00	28.11 0.56 0.00	33.94 0.60 0.00	37.10 0.45 0.00	34.83 0.28 0.00	36.80 0.38 0.00	39.82 0.52 0.00	38.68 0.57 0.00	34.80 0.50 0.00	31.36 0.47 0.00	30.59 0.40 0.00
GINNA___ 23603	26.93 -1.50 0.00	23.70 -1.50 0.00	23.96 -1.50 0.00	23.21 -1.50 0.00	23.44 -1.55 0.00	23.50 -1.45 0.00	29.01 -1.53 0.00	26.54 -1.52 0.00	25.51 -1.79 0.00	27.05 -1.72 0.00	28.31 -1.61 0.00	29.45 -1.31 0.00	28.04 -1.10 0.00	29.15 -1.35 0.00	26.25 -1.30 0.00	31.71 -1.63 0.00	35.32 -1.33 0.00	33.43 -1.12 0.00	35.42 -1.00 0.00	37.88 -1.42 0.00	36.58 -1.54 0.00	33.02 -1.28 0.00	29.63 -1.26 0.00	28.76 -1.43 0.00
GLEN PARK___ 23778	29.98 1.56 0.00	26.52 1.32 0.00	26.66 1.21 0.00	25.81 1.10 0.00	26.09 1.10 0.00	26.23 1.28 0.00	32.47 1.93 0.00	29.82 1.76 0.00	28.79 1.49 0.00	29.83 1.05 0.00	30.80 0.88 0.00	31.59 0.84 0.00	29.93 0.79 0.00	31.57 1.07 0.00	28.69 1.14 0.00	35.33 1.99 0.00	39.17 2.52 0.00	37.15 2.60 0.00	39.76 3.34 0.00	42.70 3.40 0.00	41.22 3.11 0.00	36.91 2.60 0.00	33.03 2.14 0.00	32.04 1.85 0.00
GLENDALE_27_KV_LOAD 356172	29.73 1.30 0.00	26.37 1.17 0.00	26.50 1.05 0.00	25.83 1.12 0.00	26.12 1.14 0.00	26.16 1.21 0.00	32.09 1.55 0.00	29.81 1.75 0.00	29.23 1.93 0.00	30.85 2.08 0.00	32.28 2.12 -0.24	32.96 2.09 -0.12	31.14 1.96 -0.04	32.58 2.08 0.00	31.04 1.90 -1.59	35.43 2.09 0.00	38.81 2.16 0.00	36.48 1.93 0.00	38.30 1.88 0.00	41.44 2.14 0.00	40.21 2.09 0.00	36.11 1.81 0.00	32.55 1.66 0.00	31.65 1.45 0.00
GLENWOOD_IC_1_G5 23712	54.65 1.25 -24.98	27.97 1.33 -1.45	26.68 1.22 0.00	25.94 1.23 0.00	26.29 1.30 0.00	26.36 1.37 -0.03	61.51 1.77 -29.19	68.20 1.92 -38.21	33.40 2.08 -4.02	31.03 2.15 -0.11	32.95 2.27 -0.76	33.19 2.23 -0.21	33.25 2.15 -1.96	33.54 2.27 -0.77	34.27 2.08 -4.64	35.37 2.02 0.00	38.24 1.59 0.00	36.13 1.59 0.00	37.86 1.44 0.00	41.20 1.90 0.00	40.25 2.14 0.00	36.15 1.85 0.00	32.83 1.89 -0.06	32.15 1.72 -0.23
GLENWOOD_IC_2_G1 23688	54.58 1.19 -24.98	27.91 1.27 -1.45	26.63 1.17 0.00	25.88 1.17 0.00	26.23 1.24 0.00	26.29 1.31 -0.03	61.42 1.68 -29.19	68.10 1.83 -38.21	33.30 1.98 -4.02	30.93 2.04 -0.11	32.84 2.16 -0.76	33.05 2.09 -0.21	33.13 2.03 -1.96	33.41 2.13 -0.77	34.16 1.97 -4.64	35.26 1.92 0.00	38.32 1.67 0.00	36.21 1.66 0.00	37.97 1.55 0.00	41.28 1.98 0.00	40.12 2.01 0.00	36.04 1.74 0.00	32.73 1.79 -0.06	32.05 1.63 -0.23
GLENWOOD_IC_3_G1 23689	54.58 1.19 -24.98	27.91 1.27 -1.45	26.63 1.17 0.00	25.88 1.17 0.00	26.23 1.24 0.00	26.29 1.31 -0.03	61.42 1.68 -29.19	68.10 1.83 -38.21	33.30 1.98 -4.02	30.93 2.04 -0.11	32.84 2.16 -0.76	33.05 2.09 -0.21	33.13 2.03 -1.96	33.41 2.13 -0.77	34.16 1.97 -4.64	35.26 1.92 0.00	38.32 1.67 0.00	36.21 1.66 0.00	37.97 1.55 0.00	41.28 1.98 0.00	40.12 2.01 0.00	36.04 1.74 0.00	32.73 1.79 -0.06	32.05 1.63 -0.23
GLENWOOD___4 23550	54.65 1.25 -24.98	27.97 1.33 -1.45	26.68 1.22 0.00	25.94 1.23 0.00	26.29 1.30 0.00	26.36 1.37 -0.03	61.51 1.77 -29.19	68.20 1.92 -38.21	33.40 2.08 -4.02	31.03 2.15 -0.11	32.95 2.27 -0.76	33.19 2.23 -0.21	33.25 2.15 -1.96	33.54 2.27 -0.77	34.27 2.08 -4.64	35.37 2.03 0.00	38.32 1.67 0.00	36.22 1.67 0.00	37.96 1.54 0.00	41.29 1.99 0.00	40.25 2.14 0.00	36.15 1.85 0.00	32.83 1.89 -0.06	32.15 1.72 -0.23
GLENWOOD___5 23614	54.65 1.25 -24.98	27.97 1.33 -1.45	26.68 1.22 0.00	25.94 1.23 0.00	26.29 1.30 0.00	26.36 1.37 -0.03	61.51 1.77 -29.19	68.20 1.92 -38.21	33.40 2.08 -4.02	31.03 2.15 -0.11	32.95 2.27 -0.76	33.19 2.23 -0.21	33.25 2.15 -1.96	33.54 2.27 -0.77	34.27 2.08 -4.64	35.37 2.03 0.00	38.32 1.67 0.00	36.22 1.67 0.00	37.96 1.54 0.00	41.29 1.99 0.00	40.25 2.14 0.00	36.15 1.85 0.00	32.83 1.89 -0.06	32.15 1.72 -0.23
GLOBAL GREEN_PORT_GT1 23814	54.93 1.53 -24.98	28.16 1.51 -1.45	26.89 1.43 0.00	26.14 1.43 0.00	26.52 1.53 0.00	26.53 1.55 -0.03	61.72 1.98 -29.19	68.45 2.17 -38.21	33.59 2.27 -4.02	31.10 2.21 -0.11	33.12 2.44 -0.76	33.38 2.42 -0.21	33.29 2.20 -1.96	33.48 2.21 -0.77	34.14 1.95 -4.64	34.82 1.48 0.00	37.67 1.02 0.00	35.91 1.36 0.00	37.45 1.03 0.00	41.22 1.92 0.00	39.58 1.47 0.00	35.22 0.92 0.00	32.05 1.10 -0.06	31.44 1.01 -0.23
GLOBE___DSASP 323697	27.17 -1.25 0.00	23.76 -1.44 0.00	24.11 -1.35 0.00	23.30 -1.41 0.00	23.46 -1.53 0.00	23.56 -1.39 0.00	29.13 -1.42 0.00	26.35 -1.71 0.00	25.58 -1.72 0.00	27.42 -1.36 0.00	28.85 -1.08 0.00	30.24 -0.51 0.00	28.80 -0.34 0.00	29.80 -0.70 0.00	26.35 -1.20 0.00	31.59 -1.77 -0.01	35.14 -1.51 0.00	33.44 -1.11 0.00	35.50 -0.92 0.00	37.53 -1.77 0.00	36.23 -1.88 0.00	33.15 -1.15 0.00	29.90 -0.99 0.00	29.02 -1.18 0.00
GOETHSLN___LBMP 323567	29.44 1.02 0.00	26.11 0.91 0.00	26.24 0.78 0.00	25.54 0.83 0.00	25.85 0.87 0.00	25.86 0.92 0.00	31.69 1.14 0.00	29.43 1.37 0.00	28.84 1.54 0.00	29.72 1.66 0.71	31.86 1.70 -0.24	32.27 1.64 0.12	30.46 1.51 0.19	32.14 1.64 0.00	28.87 1.50 0.18	34.94 1.62 0.02	-257.39 1.63 295.67	36.06 1.51 0.00	37.91 1.49 0.00	41.01 1.71 0.00	39.79 1.68 0.00	35.71 1.41 0.00	32.19 1.30 0.00	31.33 1.14 0.00
GOLAH___69_KV_TB 1_2 80279	28.25 -0.18 0.00	24.78 -0.42 0.00	25.08 -0.38 0.00	24.27 -0.44 0.00	24.49 -0.50 0.00	24.58 -0.38 0.00	30.40 -0.14 0.00	27.76 -0.30 0.00	26.95 -0.35 0.00	28.62 -0.15 0.00	29.95 0.02 0.00	31.19 0.44 0.00	29.78 0.64 0.00	30.98 0.48 0.00	27.67 0.12 0.00	33.35 0.00 0.00	37.02 0.37 0.00	35.07 0.52 0.00	37.26 0.84 0.00	39.73 0.43 0.00	38.38 0.26 0.00	34.75 0.45 0.00	31.17 0.28 0.00	30.22 0.03 0.00

GOODYEAR_LAKE_HYD 323669	29.19 0.76 0.00	25.86 0.66 0.00	26.20 0.74 0.00	25.45 0.74 0.00	25.75 0.76 0.00	25.67 0.72 0.00	31.67 1.13 0.00	29.24 1.18 0.00	28.42 1.13 0.00	29.93 1.16 0.00	31.19 1.27 0.00	32.17 1.42 0.00	30.49 1.35 0.00	31.87 1.37 0.00	28.75 1.20 0.00	34.72 1.38 0.00	38.22 1.57 0.00	36.06 1.51 0.00	38.21 1.79 0.00	41.14 1.84 0.00	39.80 1.69 0.00	35.77 1.47 0.00	32.15 1.26 0.00	31.28 1.08 0.00
GOUDEY_I15_KV_TB6_REV_LBMP_C 345031	28.46 0.03 0.00	25.18 -0.02 0.00	25.49 0.03 0.00	24.74 0.03 0.00	25.03 0.04 0.00	24.99 0.03 0.00	30.82 0.28 0.00	28.44 0.37 0.00	27.69 0.39 0.00	29.21 0.44 0.00	30.45 0.53 0.00	31.46 0.71 0.00	29.81 0.67 0.00	31.12 0.62 0.00	28.05 0.50 0.00	33.89 0.54 0.00	37.28 0.63 0.00	35.20 0.65 0.00	37.27 0.85 0.00	40.12 0.82 0.00	38.79 0.68 0.00	34.90 0.60 0.00	31.36 0.48 0.00	30.51 0.31 0.00
GOUDEY___7 23579	28.46 0.03 0.00	25.18 -0.02 0.00	25.49 0.03 0.00	24.74 0.03 0.00	25.03 0.04 0.00	24.99 0.03 0.00	30.82 0.28 0.00	28.44 0.37 0.00	27.69 0.39 0.00	29.21 0.44 0.00	30.45 0.53 0.00	31.46 0.71 0.00	29.81 0.67 0.00	31.12 0.62 0.00	28.05 0.50 0.00	33.89 0.54 0.00	37.28 0.63 0.00	35.20 0.65 0.00	37.27 0.85 0.00	40.12 0.82 0.00	38.79 0.68 0.00	34.90 0.60 0.00	31.36 0.48 0.00	30.51 0.31 0.00
GOUDEY___8 23580	28.46 0.03 0.00	25.18 -0.02 0.00	25.49 0.03 0.00	24.74 0.03 0.00	25.03 0.04 0.00	24.99 0.03 0.00	30.82 0.28 0.00	28.44 0.37 0.00	27.69 0.39 0.00	29.21 0.44 0.00	30.45 0.53 0.00	31.46 0.71 0.00	29.81 0.67 0.00	31.12 0.62 0.00	28.05 0.50 0.00	33.89 0.54 0.00	37.28 0.63 0.00	35.20 0.65 0.00	37.27 0.85 0.00	40.12 0.82 0.00	38.79 0.68 0.00	34.90 0.60 0.00	31.36 0.48 0.00	30.51 -0.31 0.00
GOWANUS_GT1_1 24077	29.70 1.28 0.00	26.36 1.15 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.07 -0.24	32.93 2.05 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.87 -1.59	35.41 2.06 0.00	1300.15 2.22 -1261.28	36.43 1.87 0.00	38.23 1.81 0.00	41.41 2.11 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT1_2 24078	29.70 1.28 0.00	26.36 1.15 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.07 -0.12	32.93 2.05 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.87 -1.59	35.41 2.06 0.00	1300.15 2.22 -1261.28	36.43 1.87 0.00	38.23 1.81 0.00	41.41 2.11 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT1_3 24079	29.70 1.28 0.00	26.36 1.15 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.07 -0.24	32.93 2.05 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.87 -1.59	35.41 2.06 0.00	1300.15 2.22 -1261.28	36.43 1.87 0.00	38.23 1.81 0.00	41.41 2.11 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT1_4 24080	29.70 1.28 0.00	26.36 1.15 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.07 -0.24	32.93 2.05 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.87 -1.59	35.41 2.06 0.00	1300.15 2.22 -1261.28	36.43 1.87 0.00	38.23 1.81 0.00	41.41 2.11 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT1_5 24084	29.70 1.28 0.00	26.36 1.15 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.07 -0.24	32.93 2.05 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.87 -1.59	35.41 2.06 0.00	1300.15 2.22 -1261.28	36.43 1.87 0.00	38.23 1.81 0.00	41.41 2.11 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT1_6 24111	29.70 1.28 0.00	26.36 1.15 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.07 -0.24	32.93 2.05 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.87 -1.59	35.41 2.06 0.00	1300.15 2.22 -1261.28	36.43 1.87 0.00	38.23 1.81 0.00	41.41 2.11 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT1_7 24112	29.70 1.28 0.00	26.36 1.15 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.07 -0.24	32.93 2.05 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.87 -1.59	35.41 2.06 0.00	1300.15 2.22 -1261.28	36.43 1.87 0.00	38.23 1.81 0.00	41.41 2.11 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT1_8 24113	29.70 1.28 0.00	26.36 1.15 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.07 -0.24	32.93 2.05 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.87 -1.59	35.41 2.06 0.00	1300.15 2.22 -1261.28	36.43 1.87 0.00	38.23 1.81 0.00	41.41 2.11 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT2_1 24114	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1064.35 2.21 -1025.49	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT2_2 24115	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1064.35 2.21 -1025.49	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT2_3 24116	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1064.35 2.21 -1025.49	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00

GOWANUS_GT2_4 24117	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1064.35 2.21 -1025.49	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT2_5 24118	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1064.35 2.21 -1025.49	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT2_6 24119	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1064.35 2.21 -1025.49	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT2_7 24120	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1064.35 2.21 -1025.49	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT2_8 24121	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1064.35 2.21 -1025.49	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT3_1 24122	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1300.15 2.21 -1261.28	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT3_2 24123	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1300.15 2.21 -1261.28	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT3_3 24124	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1300.15 2.21 -1261.28	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT3_4 24125	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1300.15 2.21 -1261.28	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT3_5 24126	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1300.15 2.21 -1261.28	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT3_6 24127	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1300.15 2.21 -1261.28	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT3_7 24128	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1300.15 2.21 -1261.28	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT3_8 24129	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1300.15 2.21 -1261.28	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT4_1 24130	29.70 1.28 0.00	26.36 1.15 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.07 -0.24	32.93 2.05 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.87 -1.59	35.41 2.06 0.00	1064.35 2.22 -1025.49	36.43 1.87 0.00	38.23 1.81 0.00	41.41 2.11 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT4_2 24131	29.70 1.28 0.00	26.36 1.15 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.07 -0.24	32.93 2.05 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.87 -1.59	35.41 2.06 0.00	1064.35 2.22 -1025.49	36.43 1.87 0.00	38.23 1.81 0.00	41.41 2.11 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00

GOWANUS_GT4_3 24132	29.70 1.28 0.00	26.36 1.15 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.07 -0.24	32.93 2.05 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.87 -1.59	35.41 2.06 0.00	1064.35 2.22 -1025.49	36.43 1.87 0.00	38.23 1.81 0.00	41.41 2.11 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT4_4 24133	29.70 1.28 0.00	26.36 1.15 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.07 -0.24	32.93 2.05 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.87 -1.59	35.41 2.06 0.00	1064.35 2.22 -1025.49	36.43 1.87 0.00	38.23 1.81 0.00	41.41 2.11 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT4_5 24134	29.70 1.28 0.00	26.36 1.15 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.07 -0.24	32.93 2.05 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.87 -1.59	35.41 2.06 0.00	1064.35 2.22 -1025.49	36.43 1.87 0.00	38.23 1.81 0.00	41.41 2.11 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT4_6 24135	29.70 1.28 0.00	26.36 1.15 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.07 -0.24	32.93 2.05 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.87 -1.59	35.41 2.06 0.00	1064.35 2.22 -1025.49	36.43 1.87 0.00	38.23 1.81 0.00	41.41 2.11 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT4_7 24136	29.70 1.28 0.00	26.36 1.15 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.07 -0.24	32.93 2.05 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.87 -1.59	35.41 2.06 0.00	1064.35 2.22 -1025.49	36.43 1.87 0.00	38.23 1.81 0.00	41.41 2.11 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GOWANUS_GT4_8 24137	29.70 1.28 0.00	26.36 1.15 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.07 -0.24	32.93 2.05 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.87 -1.59	35.41 2.06 0.00	1064.35 2.22 -1025.49	36.43 1.87 0.00	38.23 1.81 0.00	41.41 2.11 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GREENBSH_115KV_TB3 55895	28.58 0.16 0.00	25.38 0.17 0.00	25.68 0.22 0.00	24.90 0.19 0.00	25.20 0.21 0.00	25.18 0.23 0.00	30.66 0.11 0.00	28.24 0.19 0.00	27.50 0.20 0.00	28.92 0.15 0.00	29.74 0.03 0.21	30.64 0.00 0.11	29.14 0.04 0.04	30.63 0.13 0.00	28.02 0.16 -0.30	33.63 0.29 0.00	36.80 0.16 0.00	34.68 0.13 0.00	36.47 0.05 0.00	39.62 0.32 0.00	38.46 0.34 0.00	34.50 0.20 0.00	31.03 0.14 0.00	30.31 0.12 0.00
GREENIDGE_115KV_TB5 80291	28.51 0.09 0.00	25.17 -0.04 0.00	25.44 -0.02 0.00	24.65 -0.06 0.00	24.94 -0.05 0.00	25.09 0.14 0.00	31.12 0.58 0.00	28.63 0.57 0.00	27.79 0.49 0.00	29.36 0.58 0.00	30.65 0.73 0.00	31.83 1.08 0.00	30.21 1.07 0.00	31.47 0.97 0.00	28.27 0.71 0.00	34.12 0.77 0.00	37.53 0.88 0.00	35.69 1.14 0.00	37.76 1.34 0.00	40.51 1.21 0.00	39.07 0.95 0.00	35.41 1.11 0.00	31.72 0.84 0.00	30.75 0.55 0.00
GREENIDGE___3 23582	28.51 0.09 0.00	25.17 -0.04 0.00	25.44 -0.02 0.00	24.65 -0.06 0.00	24.94 -0.05 0.00	25.09 0.14 0.00	31.12 0.58 0.00	28.63 0.57 0.00	27.79 0.49 0.00	29.36 0.58 0.00	30.65 0.73 0.00	31.83 1.08 0.00	30.21 1.07 0.00	31.47 0.97 0.00	28.27 0.71 0.00	34.12 0.77 0.00	37.53 0.88 0.00	35.69 1.14 0.00	37.76 1.34 0.00	40.51 1.21 0.00	39.07 0.95 0.00	35.41 1.11 0.00	31.72 0.84 0.00	30.75 0.55 0.00
GREENIDGE___4 23583	28.51 0.09 0.00	25.17 -0.04 0.00	25.44 -0.02 0.00	24.65 -0.06 0.00	24.94 -0.05 0.00	25.09 0.14 0.00	31.12 0.58 0.00	28.63 0.57 0.00	27.79 0.49 0.00	29.35 0.57 0.00	30.66 0.73 0.00	31.85 1.10 0.00	30.21 1.07 0.00	31.47 0.96 0.00	28.27 0.71 0.00	34.11 0.76 0.00	37.53 0.88 0.00	35.69 1.14 0.00	37.76 1.34 0.00	40.51 1.21 0.00	39.06 0.95 0.00	35.41 1.11 0.00	31.72 0.84 0.00	30.75 0.55 0.00
GREENLWN_69_KV_BK 3 55738	54.46 1.06 -24.98	27.79 1.14 -1.45	26.51 1.05 0.00	25.77 1.06 0.00	26.13 1.14 0.00	26.19 1.21 -0.03	61.31 1.57 -29.19	68.00 1.73 -38.21	33.16 1.85 -4.02	30.72 1.84 -0.11	32.61 1.93 -0.76	32.80 1.84 -0.21	32.87 1.78 -1.96	33.12 1.85 -0.77	33.93 1.74 -4.64	34.80 1.45 0.00	37.69 1.05 0.00	35.67 1.12 0.00	37.33 0.91 0.00	40.70 1.40 0.00	39.46 1.35 0.00	35.44 1.15 0.00	32.36 1.41 -0.06	31.77 1.35 -0.23
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.70 1.28 0.00	26.36 1.15 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.07 -0.24	32.93 2.05 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.87 -1.59	35.41 2.06 0.00	1064.35 2.22 -1025.49	36.43 1.87 0.00	38.23 1.81 0.00	41.41 2.11 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
GRISSOM___SOLAR 323813	29.95 1.53 0.00	26.51 1.30 0.00	26.75 1.30 0.00	25.97 1.26 0.00	26.27 1.28 0.00	26.29 1.34 0.00	32.39 1.85 0.00	29.82 1.76 0.00	28.53 1.23 0.00	29.33 0.55 0.00	30.35 0.59 0.16	31.33 0.66 0.08	29.98 0.86 0.03	31.25 0.75 0.00	28.22 0.67 0.00	34.76 1.42 0.00	38.71 2.06 0.00	36.70 2.15 0.00	38.90 2.48 0.00	42.14 2.84 0.00	40.74 2.63 0.00	36.59 2.29 0.00	32.83 1.95 0.00	31.94 1.75 0.00
GROVEVILLE___HYD 323602	29.50 1.08 0.00	26.14 0.94 0.00	26.33 0.88 0.00	25.59 0.88 0.00	25.90 0.91 0.00	25.91 0.96 0.00	31.76 1.22 0.00	29.42 1.36 0.00	28.78 1.48 0.00	30.34 1.56 0.00	31.71 1.60 -0.19	32.42 1.57 -0.10	30.64 1.46 -0.03	32.11 1.61 0.00	29.02 1.47 0.00	34.96 1.62 0.00	38.29 1.65 0.00	36.20 1.65 0.00	38.11 1.69 0.00	41.27 1.98 0.00	39.99 1.87 0.00	35.83 1.53 0.00	32.25 1.36 0.00	31.39 1.20 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.35 -0.07 0.00	25.10 -0.10 0.00	25.36 -0.10 0.00	24.62 -0.10 0.00	24.89 -0.10 0.00	24.87 -0.09 0.00	30.56 0.02 0.00	28.12 0.06 0.00	27.35 0.05 0.00	28.84 0.06 0.00	30.02 0.10 0.00	31.00 0.24 0.00	29.41 0.26 0.00	30.76 0.26 0.00	27.76 0.21 0.00	33.58 0.23 0.00	36.93 0.29 0.00	34.80 0.26 0.00	36.82 0.40 0.00	39.62 0.32 0.00	38.33 0.21 0.00	34.47 0.17 0.00	30.99 0.10 0.00	30.16 -0.04 0.00

HAMLTNNY_34_KV_TB 80303	28.38 -0.04 0.00	25.10 -0.10 0.00	25.36 -0.10 0.00	24.62 -0.09 0.00	24.87 -0.13 0.00	24.85 -0.10 0.00	30.55 0.01 0.00	28.11 0.06 0.00	27.34 0.04 0.00	28.85 0.07 0.00	30.04 0.12 0.00	31.01 0.26 0.00	29.43 0.28 0.00	30.77 0.27 0.00	27.76 0.21 0.00	33.56 0.22 0.00	36.94 0.30 0.00	34.83 0.28 0.00	36.86 0.44 0.00	39.63 0.33 0.00	38.35 0.23 0.00	34.51 0.21 0.00	31.00 0.11 0.00	30.16 -0.04 0.00
HAMPSHIRE___PAPER_HYD 323593	29.26 0.84 0.00	25.97 0.77 0.00	26.15 0.70 0.00	25.35 0.64 0.00	25.60 0.61 0.00	25.65 0.70 0.00	31.61 1.06 0.00	28.95 0.89 0.00	27.99 0.69 0.00	29.28 0.51 0.00	30.31 0.39 0.00	31.06 0.31 0.00	29.37 0.22 0.00	30.80 0.30 0.00	27.94 0.39 0.00	34.15 0.80 0.00	37.75 1.10 0.00	35.63 1.08 0.00	37.84 1.42 0.00	40.74 1.43 0.00	39.48 1.36 0.00	35.52 1.22 0.00	31.92 1.03 0.00	31.18 0.99 0.00
HARDSCRABBLE_WT_PWR 323673	28.62 0.20 0.00	25.44 0.24 0.00	25.77 0.31 0.00	25.01 0.30 0.00	25.30 0.31 0.00	25.28 0.33 0.00	31.00 0.45 0.00	28.51 0.45 0.00	27.74 0.44 0.00	29.17 0.39 0.00	30.32 0.39 0.00	31.19 0.44 0.00	29.57 0.43 0.00	31.00 0.50 0.00	28.02 0.47 0.00	33.93 0.58 0.00	37.29 0.65 0.00	35.23 0.68 0.00	36.88 0.46 0.00	40.08 0.78 0.00	38.86 0.75 0.00	34.92 0.62 0.00	31.40 0.51 0.00	30.62 0.43 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.24 0.82 0.00	25.91 0.70 0.00	26.10 0.64 0.00	25.36 0.65 0.00	25.68 0.69 0.00	25.68 0.73 0.00	31.49 0.95 0.00	29.17 1.11 0.00	28.56 1.26 0.00	30.12 1.35 0.00	31.52 1.40 -0.20	32.21 1.36 -0.10	30.42 1.24 -0.04	31.86 1.36 0.00	26.71 1.25 2.09	34.67 1.33 0.00	38.02 1.37 0.00	35.90 1.35 0.00	37.78 1.36 0.00	40.89 1.59 0.00	39.58 1.47 0.00	35.48 1.18 0.00	31.95 1.06 0.00	31.11 0.92 0.00
HARSNRAD_115KV_TB1 81005	27.69 -0.73 0.00	24.20 -1.00 0.00	24.55 -0.91 0.00	23.73 -0.98 0.00	23.92 -1.07 0.00	24.02 -0.93 0.00	29.72 -0.83 0.00	26.95 -1.11 0.00	26.18 -1.12 0.00	28.00 -0.77 0.00	29.46 -0.46 0.00	30.86 0.11 0.00	29.43 0.29 0.00	30.54 0.04 0.00	26.98 -0.57 0.00	32.57 -0.78 -0.01	36.04 -0.61 0.00	34.26 -0.29 0.00	36.40 -0.02 0.00	38.53 -0.77 0.00	37.19 -0.92 0.00	33.98 -0.32 0.00	30.58 -0.31 0.00	29.68 -0.51 0.00
HARZA MOOSE___RIVER 24016	29.40 0.98 0.00	26.04 0.83 0.00	26.28 0.82 0.00	25.46 0.74 0.00	25.72 0.73 0.00	25.79 0.85 0.00	31.79 1.25 0.00	29.18 1.12 0.00	28.29 0.99 0.00	29.59 0.82 0.00	30.65 0.73 0.00	31.51 0.76 0.00	29.87 0.73 0.00	31.36 0.86 0.00	28.47 0.92 0.00	34.63 1.29 0.00	38.27 1.62 0.00	36.21 1.66 0.00	38.35 1.93 0.00	41.33 2.03 0.00	39.98 1.87 0.00	35.89 1.59 0.00	32.20 1.32 0.00	31.35 1.15 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.18 -0.24 0.00	24.94 -0.26 0.00	25.20 -0.25 0.00	24.46 -0.25 0.00	24.74 -0.25 0.00	24.72 -0.23 0.00	30.37 -0.17 0.00	27.95 -0.11 0.00	27.19 -0.11 0.00	28.68 -0.09 0.00	29.88 -0.04 0.00	30.85 0.10 0.00	29.27 0.13 0.00	30.61 0.11 0.00	27.62 0.07 0.00	33.38 0.04 0.00	36.70 0.05 0.00	34.58 0.03 0.00	36.55 0.13 0.00	39.35 0.05 0.00	38.08 -0.04 0.00	34.26 -0.04 0.00	30.83 -0.06 0.00	30.01 -0.19 0.00
HELLGATE_13_KV_LD 55870	29.60 1.18 0.00	26.27 1.07 0.00	26.41 0.95 0.00	25.75 1.04 0.00	26.05 1.06 0.00	26.08 1.13 0.00	31.95 1.41 0.00	29.68 1.61 0.00	29.09 1.78 0.00	30.69 1.91 0.00	32.11 1.95 -0.24	32.79 1.91 -0.12	30.96 1.78 -0.04	32.41 1.91 0.00	30.90 1.76 -1.59	35.25 1.90 0.00	38.59 1.94 0.00	36.29 1.74 0.00	38.09 1.68 0.00	41.23 1.93 0.00	40.01 1.89 0.00	35.92 1.62 0.00	32.39 1.50 0.00	31.50 1.31 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.60 1.18 0.00	26.27 1.07 0.00	26.41 0.95 0.00	25.75 1.04 0.00	26.05 1.06 0.00	26.08 1.13 0.00	31.95 1.41 0.00	29.68 1.61 0.00	29.09 1.78 0.00	30.69 1.91 0.00	32.11 1.95 -0.24	32.79 1.91 -0.12	30.96 1.78 -0.04	32.41 1.91 0.00	30.90 1.76 -1.59	35.25 1.90 0.00	38.59 1.94 0.00	36.29 1.74 0.00	38.09 1.68 0.00	41.23 1.93 0.00	40.01 1.89 0.00	35.92 1.62 0.00	32.39 1.50 0.00	31.50 1.31 0.00
HEMPSTEAD____ 23647	54.49 1.09 -24.98	27.85 1.20 -1.45	26.55 1.10 0.00	25.82 1.10 0.00	26.17 1.18 0.00	26.23 1.25 -0.03	61.36 1.62 -29.19	68.06 1.78 -38.21	33.25 1.93 -4.02	30.87 1.98 -0.11	32.77 2.10 -0.76	32.99 2.03 -0.21	33.07 1.97 -1.96	33.34 2.07 -0.77	34.10 1.91 -4.64	35.15 1.81 0.00	38.19 1.55 0.00	36.10 1.56 0.00	37.83 1.41 0.00	41.16 1.86 0.00	40.01 1.90 0.00	35.93 1.63 0.00	32.66 1.71 -0.06	31.98 1.55 -0.23
HEWLETT_69_KV_BK3 55828	54.78 1.38 -24.98	28.08 1.43 -1.45	26.80 1.34 0.00	26.04 1.33 0.00	26.37 1.38 0.00	26.46 1.48 -0.03	61.59 1.85 -29.19	68.24 1.97 -38.21	33.43 2.12 -4.02	31.07 2.19 -0.11	33.01 2.33 -0.76	33.26 2.30 -0.21	33.31 2.21 -1.96	33.60 2.33 -0.77	34.34 2.14 -4.64	35.46 2.12 0.00	38.63 1.99 0.00	36.50 1.95 0.00	38.28 1.86 0.00	41.60 2.30 0.00	40.37 2.26 0.00	36.29 1.99 0.00	32.97 2.02 -0.06	32.29 1.86 -0.23
HICKLING___1 23621	28.42 0.00 0.00	25.11 -0.09 0.00	25.41 -0.05 0.00	24.64 -0.07 0.00	24.94 -0.05 0.00	25.20 0.25 0.00	31.33 0.78 0.00	28.83 0.77 0.00	28.00 0.70 0.00	29.63 0.85 0.00	31.04 1.12 0.00	32.29 1.54 0.00	30.60 1.46 0.00	31.87 1.37 0.00	28.61 1.06 0.00	34.52 1.17 0.00	38.08 1.44 0.00	36.09 1.54 0.00	38.33 1.91 0.00	41.03 1.73 0.00	39.48 1.37 0.00	35.68 1.38 0.00	31.99 1.10 0.00	31.02 0.82 0.00
HICKLING___2 23622	28.42 0.00 0.00	25.11 -0.09 0.00	25.41 -0.05 0.00	24.64 -0.07 0.00	24.94 -0.05 0.00	25.20 0.25 0.00	31.33 0.78 0.00	28.83 0.77 0.00	28.00 0.70 0.00	29.63 0.85 0.00	31.04 1.12 0.00	32.29 1.54 0.00	30.60 1.46 0.00	31.87 1.37 0.00	28.61 1.06 0.00	34.52 1.17 0.00	38.08 1.44 0.00	36.09 1.54 0.00	38.33 1.91 0.00	41.03 1.73 0.00	39.48 1.37 0.00	35.68 1.38 0.00	31.99 1.10 0.00	31.02 0.82 0.00
HIGH FALLS___HY 23754	29.22 0.79 0.00	25.88 0.67 0.00	26.05 0.59 0.00	25.32 0.62 0.00	25.63 0.64 0.00	25.62 0.67 0.00	31.47 0.92 0.00	29.20 1.14 0.00	28.59 1.29 0.00	30.19 1.42 0.00	31.57 1.53 -0.12	32.23 1.42 -0.06	30.41 1.25 -0.02	31.88 1.38 0.00	28.83 1.28 0.00	34.58 1.24 0.00	37.79 1.14 0.00	35.71 1.16 0.00	37.75 1.33 0.00	40.89 1.59 0.00	39.61 1.50 0.00	35.48 1.18 0.00	31.96 1.07 0.00	31.09 0.89 0.00
HIGH_RIVER___SOLAR 323847	29.44 1.02 0.00	26.07 0.87 0.00	26.32 0.86 0.00	25.55 0.84 0.00	25.86 0.87 0.00	25.86 0.91 0.00	31.72 1.18 0.00	29.18 1.12 0.00	28.18 0.87 0.00	29.25 0.48 0.00	30.08 0.33 0.17	30.95 0.29 0.09	29.51 0.40 0.03	30.87 0.37 0.00	27.94 0.39 0.00	34.29 0.95 0.00	37.91 1.27 0.00	35.90 1.35 0.00	37.95 1.53 0.00	41.13 1.83 0.00	39.81 1.70 0.00	35.75 1.46 0.00	32.13 1.24 0.00	31.32 1.12 0.00

HILLBURN___GT 23639	29.15 0.72 0.00	25.83 0.62 0.00	26.01 0.55 0.00	25.29 0.57 0.00	25.61 0.62 0.00	25.62 0.67 0.00	31.40 0.85 0.00	29.10 1.04 0.00	28.49 1.19 0.00	30.06 1.28 0.00	31.45 1.32 -0.21	32.12 1.26 -0.11	30.33 1.16 -0.04	31.76 1.26 0.00	26.26 1.14 2.43	34.55 1.21 0.00	37.85 1.20 0.00	35.72 1.17 0.00	37.56 1.14 0.00	40.66 1.36 0.00	39.38 1.26 0.00	35.30 1.00 0.00	31.82 0.93 0.00	31.01 0.82 0.00
HILLSIDE_115KV_TB1 80332	28.02 -0.40 0.00	24.78 -0.42 0.00	25.09 -0.37 0.00	24.34 -0.37 0.00	24.64 -0.35 0.00	24.85 -0.09 0.00	30.85 0.31 0.00	28.49 0.42 0.00	27.70 0.40 0.00	29.29 0.52 0.00	30.64 0.72 0.00	31.81 1.06 0.00	30.13 1.00 0.00	31.42 0.92 0.00	28.27 0.71 0.00	34.13 0.78 0.00	37.59 0.94 0.00	35.57 1.02 0.00	37.75 1.33 0.00	40.46 1.16 0.00	38.96 0.85 0.00	35.17 0.87 0.00	31.54 0.66 0.00	30.60 0.41 0.00
HISHELDN_WT_PWR 323625	27.99 -0.43 0.00	24.58 -0.62 0.00	24.94 -0.51 0.00	24.13 -0.58 0.00	24.36 -0.63 0.00	24.48 -0.47 0.00	30.36 -0.19 0.00	27.70 -0.36 0.00	26.89 -0.41 0.00	28.70 -0.07 0.00	30.18 0.26 0.00	31.58 0.83 0.00	29.99 0.85 0.00	31.14 0.64 0.00	27.69 0.14 0.00	33.37 0.01 -0.01	36.93 0.28 0.00	35.03 0.48 0.00	37.25 0.83 0.00	39.52 0.22 0.00	38.11 0.00 0.00	34.70 0.40 0.00	31.17 0.29 0.00	30.24 0.04 0.00
HOLTSVILLE_IC_1 23690	54.34 0.95 -24.98	27.68 1.03 -1.45	26.40 0.94 0.00	25.66 0.95 0.00	26.03 1.04 0.00	26.09 1.11 -0.03	61.18 1.44 -29.19	67.89 1.61 -38.21	33.08 1.76 -4.02	30.65 1.76 -0.11	32.58 1.90 -0.76	32.71 1.75 -0.21	32.83 1.74 -1.96	33.06 1.78 -0.77	33.87 1.67 -4.64	34.70 1.36 0.00	37.55 0.90 0.00	35.58 1.04 0.00	37.22 0.80 0.00	40.72 1.42 0.00	39.44 1.32 0.00	35.41 1.11 0.00	32.32 1.37 -0.06	31.69 1.27 -0.23
HOLTSVILLE_IC_10 23699	54.46 1.06 -24.98	27.77 1.13 -1.45	26.48 1.02 0.00	25.75 1.04 0.00	26.11 1.13 0.00	26.18 1.19 -0.03	61.31 1.57 -29.19	68.03 1.75 -38.21	33.22 1.90 -4.02	30.80 1.91 -0.11	32.74 2.06 -0.76	32.87 1.92 -0.21	33.00 1.90 -1.96	33.23 1.96 -0.77	34.04 1.84 -4.64	34.90 1.56 0.00	37.77 1.12 0.00	35.79 1.24 0.00	37.44 1.02 0.00	41.01 1.71 0.00	39.69 1.58 0.00	35.62 1.32 0.00	32.50 1.55 -0.06	31.84 1.42 -0.23
HOLTSVILLE_IC_2 23691	54.34 0.95 -24.98	27.68 1.03 -1.45	26.40 0.94 0.00	25.66 0.95 0.00	26.03 1.04 0.00	26.09 1.11 -0.03	61.18 1.44 -29.19	67.89 1.61 -38.21	33.08 1.76 -4.02	30.65 1.76 -0.11	32.58 1.90 -0.76	32.71 1.75 -0.21	32.83 1.74 -1.96	33.06 1.78 -0.77	33.87 1.67 -4.64	34.70 1.36 0.00	37.55 0.90 0.00	35.58 1.04 0.00	37.22 0.80 0.00	40.72 1.42 0.00	39.44 1.32 0.00	35.41 1.11 0.00	32.32 1.37 -0.06	31.69 1.27 -0.23
HOLTSVILLE_IC_3 23692	54.34 0.95 -24.98	27.68 1.03 -1.45	26.40 0.94 0.00	25.66 0.95 0.00	26.03 1.04 0.00	26.09 1.11 -0.03	61.18 1.44 -29.19	67.89 1.61 -38.21	33.08 1.76 -4.02	30.65 1.76 -0.11	32.58 1.90 -0.76	32.71 1.75 -0.21	32.83 1.74 -1.96	33.06 1.78 -0.77	33.87 1.67 -4.64	34.70 1.36 0.00	37.55 0.90 0.00	35.58 1.04 0.00	37.22 0.80 0.00	40.72 1.42 0.00	39.44 1.32 0.00	35.41 1.11 0.00	32.32 1.37 -0.06	31.69 1.27 -0.23
HOLTSVILLE_IC_4 23693	54.34 0.95 -24.98	27.68 1.03 -1.45	26.40 0.94 0.00	25.66 0.95 0.00	26.03 1.04 0.00	26.09 1.11 -0.03	61.18 1.44 -29.19	67.89 1.61 -38.21	33.08 1.76 -4.02	30.65 1.76 -0.11	32.58 1.90 -0.76	32.71 1.75 -0.21	32.83 1.74 -1.96	33.06 1.78 -0.77	33.87 1.67 -4.64	34.70 1.36 0.00	37.55 0.90 0.00	35.58 1.04 0.00	37.22 0.80 0.00	40.72 1.42 0.00	39.44 1.32 0.00	35.41 1.11 0.00	32.32 1.37 -0.06	31.69 1.27 -0.23
HOLTSVILLE_IC_5 23694	54.34 0.95 -24.98	27.68 1.03 -1.45	26.40 0.94 0.00	25.66 0.95 0.00	26.03 1.04 0.00	26.09 1.11 -0.03	61.18 1.44 -29.19	67.89 1.61 -38.21	33.08 1.76 -4.02	30.65 1.76 -0.11	32.58 1.90 -0.76	32.71 1.75 -0.21	32.83 1.74 -1.96	33.06 1.78 -0.77	33.87 1.67 -4.64	34.70 1.36 0.00	37.55 0.90 0.00	35.58 1.04 0.00	37.22 0.80 0.00	40.72 1.42 0.00	39.44 1.32 0.00	35.41 1.11 0.00	32.32 1.37 -0.06	31.69 1.27 -0.23
HOLTSVILLE_IC_6 23695	54.46 1.06 -24.98	27.77 1.13 -1.45	26.48 1.02 0.00	25.75 1.04 0.00	26.11 1.13 0.00	26.18 1.19 -0.03	61.31 1.57 -29.19	68.03 1.75 -38.21	33.22 1.90 -4.02	30.80 1.91 -0.11	32.74 2.06 -0.76	32.87 1.92 -0.21	33.00 1.90 -1.96	33.23 1.96 -0.77	34.04 1.84 -4.64	34.90 1.56 0.00	37.77 1.12 0.00	35.79 1.24 0.00	37.44 1.02 0.00	41.01 1.71 0.00	39.69 1.58 0.00	35.62 1.32 0.00	32.50 1.55 -0.06	31.84 1.42 -0.23
HOLTSVILLE_IC_7 23696	54.46 1.06 -24.98	27.77 1.13 -1.45	26.48 1.02 0.00	25.75 1.04 0.00	26.11 1.13 0.00	26.18 1.19 -0.03	61.31 1.57 -29.19	68.03 1.75 -38.21	33.22 1.90 -4.02	30.80 1.91 -0.11	32.74 2.06 -0.76	32.87 1.92 -0.21	33.00 1.90 -1.96	33.23 1.96 -0.77	34.04 1.84 -4.64	34.90 1.56 0.00	37.77 1.12 0.00	35.79 1.24 0.00	37.44 1.02 0.00	41.01 1.71 0.00	39.69 1.58 0.00	35.62 1.32 0.00	32.50 1.55 -0.06	31.84 1.42 -0.23
HOLTSVILLE_IC_8 23697	54.46 1.06 -24.98	27.77 1.13 -1.45	26.48 1.02 0.00	25.75 1.04 0.00	26.11 1.13 0.00	26.18 1.19 -0.03	61.31 1.57 -29.19	68.03 1.75 -38.21	33.22 1.90 -4.02	30.80 1.91 -0.11	32.74 2.06 -0.76	32.87 1.92 -0.21	33.00 1.90 -1.96	33.23 1.96 -0.77	34.04 1.84 -4.64	34.90 1.56 0.00	37.77 1.12 0.00	35.79 1.24 0.00	37.44 1.02 0.00	41.01 1.71 0.00	39.69 1.58 0.00	35.62 1.32 0.00	32.50 1.55 -0.06	31.84 1.42 -0.23
HOLTSVILLE_IC_9 23698	54.46 1.06 -24.98	27.77 1.13 -1.45	26.48 1.02 0.00	25.75 1.04 0.00	26.11 1.13 0.00	26.18 1.19 -0.03	61.31 1.57 -29.19	68.03 1.75 -38.21	33.22 1.90 -4.02	30.80 1.91 -0.11	32.74 2.06 -0.76	32.87 1.92 -0.21	33.00 1.90 -1.96	33.23 1.96 -0.77	34.04 1.84 -4.64	34.90 1.56 0.00	37.77 1.12 0.00	35.79 1.24 0.00	37.44 1.02 0.00	41.01 1.71 0.00	39.69 1.58 0.00	35.62 1.32 0.00	32.50 1.55 -0.06	31.84 1.42 -0.23
HOMER_HL_115KV_TB2 355744	28.79 0.37 0.00	25.23 0.04 0.00	25.60 0.15 0.00	24.84 0.13 0.00	25.14 0.15 0.00	25.16 0.21 0.00	31.25 0.71 0.00	28.73 0.67 0.00	27.96 0.66 0.00	29.79 1.01 0.00	31.19 1.27 0.00	32.40 1.65 0.00	30.63 1.49 0.00	31.90 1.40 0.00	28.48 0.93 0.00	34.27 0.92 -0.01	37.92 1.27 0.00	36.02 1.47 0.00	38.32 1.90 0.00	40.82 1.52 0.00	39.24 1.12 0.00	35.46 1.16 0.00	31.79 0.90 0.00	30.92 0.73 0.00
HOWARD_WT_PWR 323690	29.47 1.05 0.00	25.88 0.68 0.00	26.15 0.70 0.00	25.27 0.56 0.00	25.65 0.65 0.00	25.91 0.96 0.00	32.29 1.75 0.00	29.82 1.76 0.00	28.88 1.58 0.00	30.47 1.70 0.00	31.88 1.96 0.00	33.19 2.44 0.00	31.51 2.37 0.00	32.76 2.26 0.00	29.29 1.73 0.00	35.43 2.07 -0.01	39.27 2.62 0.00	37.28 2.73 0.00	39.71 3.29 0.00	42.55 3.25 0.00	40.86 2.75 0.00	36.50 2.20 0.00	32.97 2.09 0.00	31.93 1.74 0.00

HQ_GEN_CEDARS 23644	28.78 0.36 0.00	25.59 0.38 0.00	25.78 0.32 0.00	25.02 0.31 0.00	25.27 0.28 0.00	25.23 0.28 0.00	30.94 0.39 0.00	28.28 0.22 0.00	27.38 0.07 0.00	28.86 0.09 0.00	29.97 0.05 0.00	30.72 -0.04 0.00	29.00 -0.14 0.00	30.28 -0.22 0.00	27.39 -0.16 0.00	33.32 -0.02 0.00	36.80 0.15 0.00	34.56 0.02 0.00	36.50 0.08 0.00	39.30 0.00 0.00	38.20 0.09 0.00	34.54 0.24 0.00	31.17 0.29 0.00	30.63 0.44 0.00
HQ_GEN_CEDARS_PROXY 323590	28.78 0.36 0.00	25.59 0.38 0.00	25.78 0.32 0.00	25.02 0.31 0.00	25.27 0.28 0.00	25.23 0.28 0.00	30.94 0.39 0.00	28.28 0.22 0.00	27.38 0.07 0.00	28.86 0.09 0.00	29.97 0.05 0.00	30.72 -0.04 0.00	29.00 -0.14 0.00	30.28 -0.22 0.00	27.39 -0.16 0.00	33.32 -0.02 0.00	36.80 0.15 0.00	34.56 0.02 0.00	36.50 0.08 0.00	39.30 0.00 0.00	38.20 0.09 0.00	34.54 0.24 0.00	31.17 0.29 0.00	30.63 0.44 0.00
HQ_GEN_IMPORT 323601	28.47 0.04 0.00	25.27 0.07 0.00	25.51 0.05 0.00	24.76 0.05 0.00	25.02 0.03 0.00	24.98 0.03 0.00	30.57 0.02 0.00	27.97 -0.09 0.00	27.17 -0.13 0.00	28.67 -0.11 0.00	29.83 -0.09 0.00	30.59 -0.16 0.00	28.95 -0.18 0.00	30.27 -0.22 0.00	27.36 -0.19 0.00	33.16 -0.18 0.00	36.51 -0.14 0.00	34.37 -0.18 0.00	36.23 -0.18 0.00	39.06 -0.24 0.00	37.92 -0.19 0.00	34.19 -0.11 0.00	30.82 -0.07 0.00	30.25 0.05 0.00
HQ_GEN_WHEEL 23651	28.47 0.04 0.00	25.27 0.07 0.00	25.51 0.05 0.00	24.76 0.05 0.00	25.02 0.03 0.00	24.98 0.03 0.00	30.57 0.02 0.00	27.97 -0.09 0.00	27.17 -0.13 0.00	28.67 -0.11 0.00	29.83 -0.09 0.00	30.59 -0.16 0.00	28.95 -0.18 0.00	30.27 -0.22 0.00	27.36 -0.19 0.00	33.16 -0.18 0.00	36.51 -0.14 0.00	34.37 -0.18 0.00	36.23 -0.18 0.00	39.06 -0.24 0.00	37.92 -0.19 0.00	34.19 -0.11 0.00	30.82 -0.07 0.00	30.25 0.05 0.00
HUDSON AVE_GT_3 23810	29.62 1.20 0.00	26.28 1.08 0.00	26.42 0.96 0.00	25.71 1.00 0.00	26.02 1.03 0.00	26.05 1.11 0.00	31.93 1.39 0.00	29.65 1.59 0.00	29.07 1.77 0.00	30.68 1.91 0.00	32.11 1.95 -0.24	32.78 1.91 -0.12	30.96 1.78 -0.04	32.41 1.91 0.00	30.89 1.75 -1.59	35.25 1.91 0.00	38.58 1.93 0.00	36.33 1.78 0.00	38.17 1.75 0.00	41.30 2.00 0.00	40.07 1.96 0.00	35.95 1.66 0.00	32.42 1.53 0.00	31.55 1.35 0.00
HUDSON AVE_GT_4 23540	29.62 1.20 0.00	26.28 1.08 0.00	26.42 0.96 0.00	25.71 1.00 0.00	26.02 1.03 0.00	26.05 1.11 0.00	31.93 1.39 0.00	29.65 1.59 0.00	29.07 1.77 0.00	30.68 1.91 0.00	32.11 1.95 -0.24	32.78 1.91 -0.12	30.96 1.78 -0.04	32.41 1.91 0.00	30.89 1.75 -1.59	35.25 1.91 0.00	38.58 1.93 0.00	36.33 1.78 0.00	38.17 1.75 0.00	41.30 2.00 0.00	40.07 1.96 0.00	35.95 1.66 0.00	32.42 1.53 0.00	31.55 1.35 0.00
HUDSON AVE_GT_5 23657	29.62 1.20 0.00	26.28 1.08 0.00	26.42 0.96 0.00	25.71 1.00 0.00	26.02 1.03 0.00	26.05 1.11 0.00	31.93 1.39 0.00	29.65 1.59 0.00	29.07 1.77 0.00	30.68 1.91 0.00	32.11 1.95 -0.24	32.78 1.91 -0.12	30.96 1.78 -0.04	32.41 1.91 0.00	30.89 1.75 -1.59	35.25 1.91 0.00	38.58 1.93 0.00	36.33 1.78 0.00	38.17 1.75 0.00	41.30 2.00 0.00	40.07 1.96 0.00	35.95 1.66 0.00	32.42 1.53 0.00	31.55 1.35 0.00
HUDSON_AVE_10 24168	29.51 1.09 0.00	26.19 0.98 0.00	26.32 0.86 0.00	25.64 0.93 0.00	25.93 0.94 0.00	25.96 1.01 0.00	31.82 1.28 0.00	29.56 1.50 0.00	28.97 1.67 0.00	30.58 1.80 0.00	32.00 1.84 -0.24	32.66 1.78 -0.12	30.84 1.66 -0.04	32.28 1.78 0.00	30.78 1.64 -1.59	35.12 1.77 0.00	38.41 1.76 0.00	36.17 1.62 0.00	38.04 1.62 0.00	41.14 1.84 0.00	39.91 1.80 0.00	35.81 1.51 0.00	32.29 1.40 0.00	31.42 1.22 0.00
HUDSON___115KV_TB 4 355613	29.13 0.71 0.00	25.86 0.66 0.00	26.22 0.76 0.00	25.41 0.70 0.00	25.72 0.73 0.00	25.73 0.78 0.00	31.41 0.86 0.00	28.93 0.87 0.00	28.11 0.81 0.00	29.44 0.66 0.00	30.25 0.48 0.15	31.11 0.44 0.08	29.56 0.45 0.03	31.04 0.54 0.00	28.15 0.60 0.00	34.32 0.98 0.00	37.66 1.02 0.00	35.61 1.06 0.00	37.48 1.07 0.00	40.81 1.50 0.00	39.56 1.45 0.00	35.45 1.15 0.00	31.79 0.91 0.00	30.99 0.80 0.00
HUNTER MOUNT___DRP 323613	29.27 0.85 0.00	25.99 0.79 0.00	26.38 0.93 0.00	25.56 0.85 0.00	25.88 0.89 0.00	25.90 0.95 0.00	31.63 1.08 0.00	29.10 1.04 0.00	28.25 0.95 0.00	29.53 0.75 0.00	30.36 0.53 0.10	31.20 0.50 0.05	29.66 0.53 0.02	31.12 0.62 0.00	28.22 0.67 0.00	34.51 1.17 0.00	37.91 1.26 0.00	35.86 1.31 0.00	37.77 1.36 0.00	41.14 1.84 0.00	39.87 1.76 0.00	35.71 1.41 0.00	31.98 1.10 0.00	31.17 0.98 0.00
HUNTINGTON_RES_REC 323705	54.46 1.06 -24.98	27.75 1.11 -1.45	26.48 1.02 0.00	25.74 1.02 0.00	26.11 1.12 0.00	26.17 1.19 -0.03	61.30 1.56 -29.19	68.00 1.73 -38.21	33.18 1.86 -4.02	30.74 1.85 -0.11	32.65 1.97 -0.76	32.79 1.83 -0.21	32.92 1.82 -1.96	33.15 1.88 -0.77	33.98 1.78 -4.64	34.82 1.47 0.00	37.66 1.01 0.00	35.67 1.12 0.00	37.33 0.91 0.00	40.84 1.54 0.00	39.56 1.45 0.00	35.52 1.22 0.00	32.42 1.47 -0.06	31.80 1.37 -0.23
HUNTLEY___63 23557	27.96 -0.46 0.00	24.46 -0.74 0.00	24.80 -0.66 0.00	23.97 -0.74 0.00	24.15 -0.84 0.00	24.25 -0.70 0.00	30.03 -0.52 0.00	27.25 -0.82 0.00	26.48 -0.83 0.00	28.35 -0.43 0.00	29.84 -0.08 0.00	31.29 0.54 0.00	29.82 0.68 0.00	30.92 0.42 0.00	27.38 -0.17 0.00	32.96 -0.40 -0.01	36.55 -0.10 0.00	34.77 0.22 0.00	36.90 0.48 0.00	39.05 -0.25 0.00	37.69 -0.42 0.00	34.41 0.11 0.00	30.94 0.05 0.00	29.99 -0.20 0.00
HUNTLEY___64 23558	27.96 -0.46 0.00	24.46 -0.74 0.00	24.80 -0.66 0.00	23.97 -0.74 0.00	24.15 -0.84 0.00	24.25 -0.70 0.00	30.03 -0.52 0.00	27.25 -0.82 0.00	26.48 -0.83 0.00	28.35 -0.43 0.00	29.84 -0.08 0.00	31.29 0.54 0.00	29.82 0.68 0.00	30.92 0.42 0.00	27.38 -0.17 0.00	32.96 -0.40 -0.01	36.55 -0.10 0.00	34.77 0.22 0.00	36.90 0.48 0.00	39.05 -0.25 0.00	37.69 -0.42 0.00	34.41 0.11 0.00	30.94 0.05 0.00	29.99 -0.20 0.00
HUNTLEY___65 23559	27.96 -0.46 0.00	24.46 -0.74 0.00	24.80 -0.66 0.00	23.97 -0.74 0.00	24.15 -0.84 0.00	24.25 -0.70 0.00	30.03 -0.52 0.00	27.25 -0.82 0.00	26.48 -0.83 0.00	28.35 -0.43 0.00	29.84 -0.08 0.00	31.29 0.54 0.00	29.82 0.68 0.00	30.92 0.42 0.00	27.38 -0.17 0.00	32.96 -0.40 -0.01	36.55 -0.10 0.00	34.77 0.22 0.00	36.90 0.48 0.00	39.05 -0.25 0.00	37.69 -0.42 0.00	34.41 0.11 0.00	30.94 0.05 0.00	29.99 -0.20 0.00
HUNTLEY___66 23560	27.96 -0.46 0.00	24.46 -0.74 0.00	24.80 -0.66 0.00	23.97 -0.74 0.00	24.15 -0.84 0.00	24.25 -0.70 0.00	30.03 -0.52 0.00	27.25 -0.82 0.00	26.48 -0.83 0.00	28.35 -0.43 0.00	29.84 -0.08 0.00	31.29 0.54 0.00	29.82 0.68 0.00	30.92 0.42 0.00	27.38 -0.17 0.00	32.96 -0.40 -0.01	36.55 -0.10 0.00	34.77 0.22 0.00	36.90 0.48 0.00	39.05 -0.25 0.00	37.69 -0.42 0.00	34.41 0.11 0.00	30.94 0.05 0.00	29.99 -0.20 0.00



HUNTLEY___67 23561	27.77 -0.66 0.00	24.29 -0.91 0.00	24.64 -0.82 0.00	23.83 -0.88 0.00	24.01 -0.98 0.00	24.10 -0.85 0.00	29.84 -0.71 0.00	27.12 -0.95 0.00	26.33 -0.97 0.00	28.18 -0.60 0.00	29.64 -0.28 0.00	31.05 0.30 0.00	29.55 0.41 0.00	30.63 0.13 0.00	27.16 -0.40 0.00	32.68 -0.70 -0.03	36.24 -0.41 0.00	34.45 -0.10 0.00	36.59 0.17 0.00	38.73 -0.57 0.00	37.38 -0.73 0.00	34.11 -0.19 0.00	30.68 -0.21 0.00	29.76 -0.44 0.00
HUNTLEY___68 23562	27.77 -0.66 0.00	24.29 -0.91 0.00	24.64 -0.82 0.00	23.83 -0.88 0.00	24.01 -0.98 0.00	24.10 -0.85 0.00	29.84 -0.71 0.00	27.12 -0.95 0.00	26.33 -0.97 0.00	28.18 -0.60 0.00	29.64 -0.28 0.00	31.05 0.30 0.00	29.55 0.41 0.00	30.63 0.13 0.00	27.16 -0.40 0.00	32.68 -0.70 -0.03	36.24 -0.41 0.00	34.45 -0.10 0.00	36.59 0.17 0.00	38.73 -0.57 0.00	37.38 -0.73 0.00	34.11 -0.19 0.00	30.68 -0.21 0.00	29.76 -0.44 0.00
HYLAND___LFGE 323620	29.27 0.84 0.00	25.67 0.47 0.00	25.98 0.53 0.00	25.14 0.43 0.00	25.41 0.42 0.00	25.62 0.67 0.00	31.88 1.33 0.00	29.27 1.21 0.00	28.23 0.93 0.00	29.40 0.62 0.00	30.51 0.59 0.00	31.80 1.05 0.00	30.23 1.09 0.00	31.56 1.06 0.00	28.21 0.66 0.00	33.96 0.61 0.00	37.97 1.32 0.00	36.50 1.95 0.00	39.18 2.77 0.00	42.04 2.74 0.00	40.54 2.43 0.00	36.63 2.33 0.00	32.74 1.85 0.00	31.60 1.41 0.00
INDECK___CORINTH 23802	29.68 1.26 0.00	26.17 0.96 0.00	26.41 0.95 0.00	25.61 0.90 0.00	26.12 1.13 0.00	26.27 1.32 0.00	32.17 1.63 0.00	29.67 1.61 0.00	28.86 1.56 0.00	30.17 1.40 0.00	31.01 1.31 0.22	32.00 1.36 0.12	30.60 1.49 0.04	32.19 1.68 0.00	29.41 1.57 -0.29	35.52 2.17 0.00	39.05 2.40 0.00	36.76 2.21 0.00	38.76 2.34 0.00	42.17 2.87 0.00	40.58 2.47 0.00	36.36 2.06 0.00	32.60 1.71 0.00	31.81 1.61 0.00
INDECK___ILION 23567	28.47 0.05 0.00	25.23 0.03 0.00	25.51 0.05 0.00	24.74 0.02 0.00	25.07 0.08 0.00	25.04 0.09 0.00	30.62 0.07 0.00	28.23 0.17 0.00	27.36 0.05 0.00	28.57 -0.21 0.00	29.60 -0.32 0.00	30.43 -0.33 0.00	28.90 -0.23 0.00	30.28 -0.22 0.00	27.44 -0.11 0.00	33.43 0.08 0.00	36.69 0.04 0.00	34.69 0.14 0.00	36.52 0.10 0.00	39.73 0.42 0.00	38.55 0.43 0.00	34.55 0.25 0.00	31.01 0.12 0.00	30.24 0.04 0.00
INDECK___OLEAN 23982	28.79 0.37 0.00	25.23 0.04 0.00	25.60 0.15 0.00	24.84 0.13 0.00	25.14 0.15 0.00	25.16 0.21 0.00	31.25 0.71 0.00	28.73 0.67 0.00	27.96 0.66 0.00	29.79 1.01 0.00	31.21 1.28 0.00	32.45 1.70 0.00	30.64 1.50 0.00	31.90 1.40 0.00	28.48 0.93 0.00	34.27 0.91 -0.01	37.92 1.27 0.00	36.02 1.47 0.00	38.32 1.90 0.00	40.83 1.53 0.00	39.23 1.12 0.00	35.45 1.15 0.00	31.79 0.90 0.00	30.93 0.73 0.00
INDECK___OSWEGO 23783	27.94 -0.48 0.00	24.75 -0.45 0.00	25.00 -0.46 0.00	24.27 -0.44 0.00	24.54 -0.45 0.00	24.52 -0.43 0.00	30.10 -0.44 0.00	27.68 -0.37 0.00	26.92 -0.38 0.00	28.34 -0.43 0.00	29.48 -0.44 0.00	30.38 -0.37 0.00	28.82 -0.32 0.00	30.17 -0.33 0.00	27.25 -0.30 0.00	32.99 -0.36 0.00	36.29 -0.36 0.00	34.19 -0.36 0.00	36.18 -0.24 0.00	38.96 -0.34 0.00	37.70 -0.41 0.00	33.92 -0.38 0.00	30.49 -0.39 0.00	29.70 -0.49 0.00
INDECK___YERKES 23781	28.00 -0.43 0.00	24.48 -0.72 0.00	24.82 -0.63 0.00	24.00 -0.71 0.00	24.18 -0.81 0.00	24.27 -0.68 0.00	30.06 -0.49 0.00	27.28 -0.78 0.00	26.50 -0.80 0.00	28.38 -0.40 0.00	29.89 -0.03 0.00	31.37 0.62 0.00	29.86 0.72 0.00	30.96 0.46 0.00	27.42 -0.14 0.00	33.00 -0.36 -0.01	36.60 -0.05 0.00	34.80 0.25 0.00	36.93 0.51 0.00	39.09 -0.21 0.00	37.73 -0.38 0.00	34.45 0.15 0.00	30.97 0.09 0.00	30.03 -0.16 0.00
INDIAN POINT_GT_1 24139	29.19 0.77 0.00	25.88 0.68 0.00	26.06 0.61 0.00	25.34 0.63 0.00	25.65 0.67 0.00	25.66 0.71 0.00	31.44 0.90 0.00	29.14 1.08 0.00	28.53 1.23 0.00	30.08 1.30 0.00	31.48 1.33 -0.23	32.14 1.27 -0.12	30.36 1.18 -0.04	31.79 1.29 0.00	31.35 1.17 -2.62	34.58 1.24 0.00	37.85 1.20 0.00	35.70 1.15 0.00	37.55 1.13 0.00	40.66 1.35 0.00	39.40 1.29 0.00	35.34 1.04 0.00	31.86 0.97 0.00	31.05 0.85 0.00
INDIAN POINT_GT_2 23659	29.19 0.77 0.00	25.88 0.68 0.00	26.06 0.61 0.00	25.34 0.63 0.00	25.65 0.67 0.00	25.66 0.71 0.00	31.44 0.90 0.00	29.14 1.08 0.00	28.53 1.23 0.00	30.08 1.30 0.00	31.48 1.33 -0.23	32.14 1.27 -0.12	30.36 1.18 -0.04	31.79 1.29 0.00	31.35 1.17 -2.62	34.58 1.24 0.00	37.85 1.20 0.00	35.70 1.15 0.00	37.55 1.13 0.00	40.66 1.35 0.00	39.40 1.29 0.00	35.34 1.04 0.00	31.86 0.97 0.00	31.05 0.85 0.00
INDIAN POINT_GT_3 24019	29.19 0.77 0.00	25.88 0.68 0.00	26.06 0.61 0.00	25.34 0.63 0.00	25.65 0.67 0.00	25.66 0.71 0.00	31.44 0.90 0.00	29.14 1.08 0.00	28.53 1.23 0.00	30.08 1.30 0.00	31.48 1.33 -0.23	32.14 1.27 -0.12	30.36 1.18 -0.04	31.79 1.29 0.00	31.35 1.17 -2.62	34.58 1.24 0.00	37.85 1.20 0.00	35.70 1.15 0.00	37.55 1.13 0.00	40.66 1.35 0.00	39.40 1.29 0.00	35.34 1.04 0.00	31.86 0.97 0.00	31.05 0.85 0.00
INDIAN POINT___2 23530	29.07 0.65 0.00	25.77 0.57 0.00	25.96 0.50 0.00	25.24 0.53 0.00	25.55 0.56 0.00	25.56 0.60 0.00	31.31 0.77 0.00	29.01 0.95 0.00	28.40 1.10 0.00	29.95 1.18 0.00	31.34 1.21 -0.21	32.00 1.13 -0.11	30.22 1.04 -0.04	31.64 1.14 0.00	24.93 1.04 3.66	34.42 1.08 0.00	37.69 1.04 0.00	35.57 1.02 0.00	37.41 0.99 0.00	40.50 1.20 0.00	39.23 1.12 0.00	35.19 0.89 0.00	31.71 0.83 0.00	30.92 0.73 0.00
INDIAN POINT___3 23531	29.22 0.79 0.00	25.91 0.71 0.00	26.09 0.63 0.00	25.37 0.66 0.00	25.68 0.69 0.00	25.69 0.74 0.00	31.47 0.92 0.00	29.17 1.10 0.00	28.55 1.25 0.00	30.10 1.33 0.00	31.51 1.36 -0.23	32.17 1.30 -0.12	30.38 1.20 -0.04	31.81 1.31 0.00	31.06 1.20 -2.31	34.60 1.26 0.00	37.87 1.22 0.00	35.71 1.16 0.00	37.55 1.13 0.00	40.66 1.36 0.00	39.42 1.31 0.00	35.36 1.06 0.00	31.89 1.00 0.00	31.08 0.88 0.00
INGHAM_C_115KV_TB7 356103	28.32 -0.11 0.00	25.10 -0.11 0.00	25.38 -0.08 0.00	24.60 -0.11 0.00	24.99 0.00 0.00	24.98 0.03 0.00	30.47 -0.08 0.00	28.18 0.12 0.00	27.14 -0.16 0.00	27.97 -0.80 0.00	28.86 -1.06 0.00	29.63 -1.13 0.00	28.23 -0.91 0.00	29.58 -0.92 0.00	26.95 -0.60 0.00	33.16 -0.18 0.00	36.30 -0.35 0.00	34.41 -0.14 0.00	36.31 -0.10 0.00	39.83 0.53 0.00	38.68 0.56 0.00	34.51 0.21 0.00	30.88 -0.01 0.00	30.07 -0.13 0.00
IP CORINTH___1 23988	29.68 1.26 0.00	26.17 0.97 0.00	26.41 0.95 0.00	25.61 0.90 0.00	26.11 1.13 0.00	26.27 1.32 0.00	32.18 1.63 0.00	29.67 1.62 0.00	28.86 1.57 0.00	30.17 1.40 0.00	31.01 1.31 0.22	32.00 1.36 0.12	30.60 1.50 0.04	32.19 1.69 0.00	29.41 1.57 -0.29	35.52 2.17 0.00	39.05 2.40 0.00	36.76 2.20 0.00	38.76 2.34 0.00	42.17 2.87 0.00	40.58 2.47 0.00	36.36 2.06 0.00	32.60 1.71 0.00	31.81 1.61 0.00

IP___TICONDEROGA 23804	29.97 1.55 0.00	26.10 0.90 0.00	26.27 0.82 0.00	25.52 0.81 0.00	26.68 1.69 0.00	27.37 2.42 0.00	33.70 3.15 0.00	31.09 3.03 0.00	30.33 3.03 0.00	31.45 2.68 0.00	32.14 2.46 0.23	33.32 2.69 0.12	32.17 3.07 0.04	34.04 3.54 0.00	31.06 3.22 -0.29	37.66 4.32 0.00	41.46 4.81 0.00	38.87 4.32 0.00	41.01 4.60 0.00	45.07 5.78 0.00	42.46 4.35 0.00	37.97 3.67 0.00	34.01 3.12 0.00	33.32 3.13 0.00
ISLIP_RES_REC 323679	54.57 1.18 -24.98	27.85 1.21 -1.45	26.57 1.12 0.00	25.83 1.12 0.00	26.21 1.22 0.00	26.26 1.28 -0.03	61.44 1.70 -29.19	68.16 1.88 -38.21	33.35 2.03 -4.02	30.95 2.06 -0.11	32.92 2.24 -0.76	33.06 2.10 -0.21	33.17 2.07 -1.96	33.41 2.14 -0.77	34.20 2.01 -4.64	35.11 1.77 0.00	37.98 1.34 0.00	36.01 1.46 0.00	37.67 1.25 0.00	41.27 1.97 0.00	39.92 1.81 0.00	35.82 1.52 0.00	32.66 1.71 -0.06	31.98 1.56 -0.23
JAMAICA__27_KV_LOAD 355505	29.78 1.36 0.00	26.43 1.23 0.00	26.51 1.06 0.00	25.90 1.19 0.00	26.13 1.14 0.00	26.17 1.22 0.00	32.15 1.60 0.00	29.85 1.79 0.00	29.24 1.94 0.00	30.87 2.10 0.00	32.28 2.12 -0.24	32.92 2.04 -0.12	31.09 1.91 -0.04	32.50 2.00 0.00	31.01 1.87 -1.59	35.37 2.03 0.00	38.67 2.02 0.00	36.45 1.90 0.00	38.41 1.99 0.00	41.54 2.25 0.00	40.28 2.17 0.00	36.13 1.83 0.00	32.56 1.67 0.00	31.69 1.49 0.00
JANIS___SOLAR 323808	29.39 0.97 0.00	25.96 0.76 0.00	26.28 0.83 0.00	25.52 0.81 0.00	25.86 0.87 0.00	25.96 1.01 0.00	32.16 1.62 0.00	29.64 1.58 0.00	28.63 1.33 0.00	29.96 1.19 0.00	31.26 1.34 0.00	32.49 1.74 0.00	30.73 1.59 0.00	31.82 1.32 0.00	28.69 1.14 0.00	34.80 1.45 0.00	38.58 1.93 0.00	36.49 1.94 0.00	39.10 2.68 0.00	42.14 2.84 0.00	40.71 2.60 0.00	36.51 2.21 0.00	32.68 1.79 0.00	31.69 1.50 0.00
JARVIS____ 23743	28.49 0.07 0.00	25.26 0.06 0.00	25.53 0.08 0.00	24.78 0.07 0.00	25.06 0.08 0.00	25.02 0.08 0.00	30.64 0.09 0.00	28.18 0.11 0.00	27.42 0.12 0.00	28.87 0.09 0.00	30.00 0.07 0.00	30.84 0.08 0.00	29.24 0.10 0.00	30.62 0.12 0.00	27.67 0.12 0.00	33.49 0.14 0.00	36.79 0.15 0.00	34.73 0.18 0.00	36.55 0.13 0.00	39.50 0.19 0.00	38.30 0.18 0.00	34.46 0.15 0.00	31.00 0.12 0.00	30.27 0.08 0.00
JENNISON___1 23625	29.37 0.94 0.00	26.00 0.80 0.00	26.38 0.92 0.00	25.62 0.90 0.00	25.95 0.96 0.00	25.99 1.04 0.00	32.17 1.63 0.00	29.65 1.59 0.00	28.76 1.45 0.00	30.25 1.48 0.00	31.55 1.62 0.00	32.62 1.87 0.00	30.89 1.75 0.00	32.19 1.69 0.00	29.02 1.47 0.00	35.13 1.78 0.00	38.77 2.12 0.00	36.68 2.13 0.00	39.06 2.64 0.00	42.00 2.70 0.00	40.60 2.49 0.00	36.42 2.12 0.00	32.64 1.75 0.00	31.68 1.48 0.00
JENNISON___2 23626	29.37 0.94 0.00	26.00 0.80 0.00	26.38 0.92 0.00	25.62 0.90 0.00	25.95 0.96 0.00	25.99 1.04 0.00	32.17 1.63 0.00	29.65 1.59 0.00	28.76 1.45 0.00	30.25 1.48 0.00	31.55 1.62 0.00	32.62 1.87 0.00	30.89 1.75 0.00	32.19 1.69 0.00	29.02 1.47 0.00	35.13 1.78 0.00	38.77 2.12 0.00	36.68 2.13 0.00	39.06 2.64 0.00	42.00 2.70 0.00	40.60 2.49 0.00	36.42 2.12 0.00	32.64 1.75 0.00	31.68 1.48 0.00
JERICHO_RISE_WT_PWR 323719	28.72 0.30 0.00	25.52 0.32 0.00	25.71 0.25 0.00	24.95 0.24 0.00	25.20 0.21 0.00	25.15 0.20 0.00	30.87 0.32 0.00	28.32 0.25 0.00	27.42 0.12 0.00	28.87 0.09 0.00	29.97 0.05 0.00	30.74 -0.02 0.00	29.07 -0.07 0.00	30.42 -0.08 0.00	27.48 -0.07 0.00	33.46 0.12 0.00	36.99 0.34 0.00	34.48 -0.07 0.00	36.38 -0.03 0.00	39.54 0.24 0.00	38.56 0.45 0.00	35.06 0.76 0.00	31.61 0.72 0.00	31.04 0.85 0.00
KATONAH__115KV_46KV_TB4 355592	29.43 1.01 0.00	26.10 0.90 0.00	26.28 0.82 0.00	25.55 0.84 0.00	25.86 0.88 0.00	25.89 0.93 0.00	31.71 1.17 0.00	29.40 1.34 0.00	28.79 1.49 0.00	30.36 1.58 0.00	31.77 1.62 -0.23	32.45 1.58 -0.12	30.66 1.47 -0.04	32.11 1.61 0.00	30.05 1.48 -1.02	34.95 1.61 0.00	38.26 1.61 0.00	36.08 1.53 0.00	37.94 1.52 0.00	41.11 1.81 0.00	39.84 1.73 0.00	35.72 1.42 0.00	32.17 1.29 0.00	31.33 1.13 0.00
KCE_NY_1 323755	29.70 1.28 0.00	26.25 1.04 0.00	26.49 1.03 0.00	25.67 0.96 0.00	26.07 1.08 0.00	26.17 1.22 0.00	31.95 1.41 0.00	29.46 1.40 0.00	28.58 1.28 0.00	29.94 1.17 0.00	30.79 1.11 0.24	31.72 1.09 0.12	30.28 1.18 0.04	31.82 1.32 0.00	29.08 1.23 -0.29	35.10 1.75 0.00	38.55 1.90 0.00	36.32 1.77 0.00	38.27 1.85 0.00	41.58 2.28 0.00	40.24 2.12 0.00	36.02 1.73 0.00	32.32 1.43 0.00	31.54 1.34 0.00
KCE_NY_6_ESR 323823	28.27 -0.16 0.00	24.72 -0.48 0.00	25.07 -0.39 0.00	24.25 -0.47 0.00	24.45 -0.53 0.00	24.55 -0.40 0.00	30.42 -0.12 0.00	27.73 -0.33 0.00	26.93 -0.37 0.00	28.80 0.02 0.00	30.32 0.40 0.00	31.79 1.04 0.00	30.19 1.04 0.00	31.33 0.83 0.00	27.82 0.27 0.00	33.51 0.14 -0.02	37.13 0.48 0.00	35.25 0.71 0.00	37.46 1.04 0.00	39.70 0.40 0.00	38.29 0.17 0.00	34.89 0.59 0.00	31.30 0.41 0.00	30.34 0.14 0.00
KEDC_PORT_JEFF_GT2 24210	54.45 1.06 -24.98	27.75 1.11 -1.45	26.47 1.02 0.00	25.74 1.02 0.00	26.11 1.12 0.00	26.17 1.19 -0.03	61.29 1.55 -29.19	68.00 1.73 -38.21	33.20 1.88 -4.02	30.78 1.89 -0.11	32.72 2.04 -0.76	32.86 1.90 -0.21	32.98 1.89 -1.96	33.21 1.95 -0.77	34.02 1.83 -4.64	34.89 1.55 0.00	37.74 1.09 0.00	35.55 1.00 0.00	37.21 0.79 0.00	40.98 1.68 0.00	39.68 1.56 0.00	35.61 1.31 0.00	32.48 1.54 -0.06	31.82 1.40 -0.23
KEDC_PORT_JEFF_GT3 24211	54.45 1.06 -24.98	27.75 1.11 -1.45	26.47 1.02 0.00	25.74 1.02 0.00	26.11 1.12 0.00	26.17 1.19 -0.03	61.29 1.55 -29.19	68.00 1.73 -38.21	33.20 1.88 -4.02	30.78 1.89 -0.11	32.72 2.04 -0.76	32.86 1.90 -0.21	32.98 1.89 -1.96	33.21 1.95 -0.77	34.02 1.83 -4.64	34.89 1.55 0.00	37.74 1.09 0.00	35.55 1.00 0.00	37.21 0.79 0.00	40.98 1.68 0.00	39.68 1.56 0.00	35.61 1.31 0.00	32.48 1.54 -0.06	31.82 1.40 -0.23
KEDC_GLWD_GT4 24219	54.65 1.25 -24.98	27.97 1.33 -1.45	26.68 1.22 0.00	25.94 1.23 0.00	26.29 1.30 0.00	26.36 1.38 -0.03	61.51 1.77 -29.19	68.20 1.92 -38.21	33.39 2.07 -4.02	31.03 2.14 -0.11	32.95 2.27 -0.76	33.18 2.22 -0.21	33.25 2.15 -1.96	33.54 2.27 -0.77	34.27 2.07 -4.64	35.37 2.02 0.00	38.24 1.59 0.00	36.13 1.59 0.00	37.86 1.44 0.00	41.20 1.90 0.00	40.26 2.15 0.00	36.15 1.85 0.00	32.84 1.89 -0.06	32.15 1.72 -0.23
KEDC_GLWD_GT5 24220	54.65 1.25 -24.98	27.97 1.33 -1.45	26.68 1.22 0.00	25.94 1.23 0.00	26.29 1.30 0.00	26.36 1.38 -0.03	61.51 1.77 -29.19	68.20 1.92 -38.21	33.39 2.07 -4.02	31.03 2.14 -0.11	32.95 2.27 -0.76	33.18 2.22 -0.21	33.25 2.15 -1.96	33.54 2.27 -0.77	34.27 2.07 -4.64	35.37 2.02 0.00	38.24 1.59 0.00	36.13 1.59 0.00	37.86 1.44 0.00	41.20 1.90 0.00	40.26 2.15 0.00	36.15 1.85 0.00	32.84 1.89 -0.06	32.15 1.72 -0.23

KENSICO____ 23655	29.38 0.95 0.00	26.07 0.87 0.00	26.24 0.78 0.00	25.52 0.81 0.00	25.83 0.84 0.00	25.85 0.90 0.00	31.66 1.12 0.00	29.37 1.31 0.00	28.75 1.45 0.00	30.32 1.55 0.00	31.74 1.58 -0.24	32.41 1.54 -0.12	30.61 1.43 -0.04	32.05 1.55 0.00	30.67 1.42 -1.70	34.86 1.52 0.00	38.14 1.49 0.00	35.95 1.40 0.00	37.78 1.36 0.00	40.93 1.63 0.00	39.69 1.58 0.00	35.61 1.31 0.00	32.11 1.22 0.00	31.28 1.08 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.18 0.75 0.00	25.85 0.64 0.00	26.04 0.58 0.00	25.31 0.60 0.00	25.61 0.62 0.00	25.60 0.66 0.00	31.44 0.89 0.00	29.14 1.08 0.00	28.51 1.21 0.00	30.07 1.30 0.00	31.44 1.38 -0.13	32.10 1.28 -0.07	30.29 1.13 -0.02	31.75 1.25 0.00	28.38 1.17 0.34	34.51 1.16 0.00	37.74 1.09 0.00	35.65 1.10 0.00	37.69 1.27 0.00	40.84 1.54 0.00	39.56 1.45 0.00	35.45 1.15 0.00	31.91 1.02 0.00	31.05 0.86 0.00
KIAC_JFK_GT1 23816	29.59 1.17 0.00	26.27 1.07 0.00	26.37 0.91 0.00	25.75 1.04 0.00	25.99 1.00 0.00	26.02 1.07 0.00	31.94 1.40 0.00	29.66 1.60 0.00	29.06 1.75 0.00	30.67 1.90 0.00	32.05 1.89 -0.24	32.59 1.71 -0.12	30.78 1.59 -0.04	32.19 1.69 0.00	30.72 1.58 -1.59	35.04 1.69 0.00	38.30 1.65 0.00	36.09 1.54 0.00	38.01 1.59 0.00	41.12 1.82 0.00	39.88 1.76 0.00	35.77 1.47 0.00	32.36 1.47 0.00	31.50 1.30 0.00
KIAC_JFK_GT2 23817	29.59 1.17 0.00	26.27 1.07 0.00	26.37 0.91 0.00	25.75 1.04 0.00	25.99 1.00 0.00	26.02 1.07 0.00	31.94 1.40 0.00	29.66 1.60 0.00	29.06 1.75 0.00	30.67 1.90 0.00	32.05 1.89 -0.24	32.59 1.71 -0.12	30.78 1.59 -0.04	32.19 1.69 0.00	30.72 1.58 -1.59	35.04 1.69 0.00	38.30 1.65 0.00	36.09 1.54 0.00	38.01 1.59 0.00	41.12 1.82 0.00	39.88 1.76 0.00	35.77 1.47 0.00	32.36 1.47 0.00	31.50 1.30 0.00
KIAC_JFK____ 323774	29.59 1.17 0.00	26.27 1.07 0.00	26.37 0.91 0.00	25.75 1.04 0.00	25.99 1.00 0.00	26.02 1.08 0.00	31.94 1.40 0.00	29.65 1.59 0.00	29.06 1.75 0.00	30.67 1.90 0.00	32.04 1.88 -0.24	32.58 1.70 -0.12	30.78 1.59 -0.04	32.19 1.69 0.00	30.72 1.58 -1.59	35.04 1.69 0.00	38.30 1.66 0.00	36.09 1.54 0.00	38.00 1.58 0.00	41.12 1.82 0.00	39.88 1.77 0.00	35.77 1.47 0.00	32.36 1.47 0.00	31.50 1.30 0.00
KINTIGH____ 23543	27.52 -0.91 0.00	24.11 -1.09 0.00	24.45 -1.01 0.00	23.65 -1.06 0.00	23.85 -1.14 0.00	23.93 -1.02 0.00	29.58 -0.97 0.00	26.90 -1.16 0.00	26.12 -1.19 0.00	27.88 -0.89 0.00	29.27 -0.65 0.00	30.59 -0.16 0.00	29.11 -0.02 0.00	30.20 -0.30 0.00	26.86 -0.69 0.00	32.29 -1.05 0.01	35.85 -0.80 0.00	34.03 -0.52 0.00	36.12 -0.30 0.00	38.35 -0.95 0.00	37.03 -1.09 0.00	33.70 -0.60 0.00	30.32 -0.57 0.00	29.44 -0.76 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.03 0.61 0.00	25.77 0.57 0.00	25.94 0.48 0.00	25.17 0.46 0.00	25.43 0.44 0.00	25.39 0.43 0.00	31.21 0.67 0.00	28.74 0.67 0.00	27.82 0.52 0.00	29.20 0.42 0.00	30.28 0.36 0.00	31.08 0.33 0.00	29.46 0.31 0.00	30.91 0.41 0.00	27.89 0.34 0.00	34.04 0.69 0.00	37.68 1.03 0.00	34.88 0.33 0.00	36.83 0.41 0.00	40.40 1.10 0.00	39.50 1.38 0.00	36.10 1.80 0.00	32.46 1.57 0.00	31.87 1.67 0.00
LACHUTE__HYDRO 323717	29.97 1.55 0.00	26.10 0.90 0.00	26.27 0.81 0.00	25.52 0.81 0.00	26.68 1.69 0.00	27.37 2.42 0.00	33.70 3.15 0.00	31.09 3.03 0.00	30.33 3.03 0.00	31.45 2.68 0.00	32.14 2.46 0.23	33.32 2.69 0.12	32.17 3.07 0.04	34.04 3.54 0.00	31.06 3.22 -0.29	37.66 4.32 0.00	41.46 4.81 0.00	38.87 4.32 0.00	41.01 4.60 0.00	45.07 5.77 0.00	42.46 4.35 0.00	37.97 3.67 0.00	34.01 3.12 0.00	33.32 3.13 0.00
LAWRNCV_115KV_TB1 80681	28.86 0.44 0.00	25.66 0.46 0.00	25.84 0.38 0.00	25.08 0.37 0.00	25.33 0.33 0.00	25.30 0.35 0.00	31.08 0.53 0.00	28.42 0.36 0.00	27.48 0.18 0.00	28.90 0.12 0.00	29.95 0.03 0.00	30.68 -0.07 0.00	28.97 -0.17 0.00	30.27 -0.23 0.00	27.41 -0.14 0.00	33.40 0.06 0.00	36.88 0.23 0.00	34.67 0.12 0.00	36.70 0.28 0.00	39.52 0.22 0.00	38.40 0.29 0.00	34.69 0.39 0.00	31.29 0.40 0.00	30.71 0.52 0.00
LEDERLE____ 23769	29.26 0.83 0.00	25.92 0.72 0.00	26.11 0.65 0.00	25.38 0.67 0.00	25.70 0.71 0.00	25.71 0.76 0.00	31.52 0.97 0.00	29.22 1.16 0.00	28.60 1.30 0.00	30.18 1.41 0.00	31.59 1.45 -0.21	32.25 1.39 -0.11	30.45 1.27 -0.04	31.88 1.38 0.00	26.03 1.25 2.77	34.67 1.32 0.00	37.98 1.34 0.00	35.85 1.30 0.00	37.70 1.28 0.00	40.80 1.50 0.00	39.51 1.40 0.00	35.42 1.12 0.00	31.93 1.04 0.00	31.11 0.92 0.00
LIGHTHSE_115KV_TB6 355974	28.59 0.16 0.00	25.31 0.10 0.00	25.53 0.07 0.00	24.75 0.04 0.00	25.03 0.04 0.00	25.06 0.11 0.00	30.86 0.31 0.00	28.36 0.30 0.00	27.53 0.23 0.00	28.85 0.08 0.00	29.93 0.00 0.00	30.79 0.03 0.00	29.19 0.05 0.00	30.62 0.12 0.00	27.70 0.15 0.00	33.68 0.34 0.00	37.14 0.50 0.00	35.03 0.48 0.00	37.20 0.78 0.00	40.03 0.73 0.00	38.70 0.58 0.00	34.85 0.55 0.00	31.30 0.42 0.00	30.45 0.25 0.00
LINDEN COGEN____ 23786	29.43 1.01 0.00	26.10 0.90 0.00	26.23 0.78 0.00	25.53 0.82 0.00	25.84 0.85 0.00	25.86 0.91 0.00	31.68 1.13 0.00	29.42 1.36 0.00	28.83 1.53 0.00	29.71 1.65 0.71	31.84 1.68 -0.24	32.24 1.61 0.12	30.45 1.50 0.19	32.12 1.62 0.00	28.86 1.49 0.18	34.92 1.60 0.02	-257.40 1.62 295.67	36.05 1.50 0.00	37.89 1.47 0.00	40.99 1.69 0.00	39.78 1.67 0.00	35.69 1.39 0.00	32.17 1.28 0.00	31.32 1.12 0.00
LINDHRST_69_KV_BK1 356055	54.76 1.36 -24.98	28.06 1.42 -1.45	26.77 1.31 0.00	26.02 1.30 0.00	26.37 1.38 0.00	26.44 1.46 -0.03	61.65 1.91 -29.19	68.34 2.06 -38.21	33.52 2.20 -4.02	31.12 2.24 -0.11	33.06 2.38 -0.76	33.23 2.27 -0.21	33.30 2.20 -1.96	33.56 2.29 -0.77	34.31 2.11 -4.64	35.31 1.96 0.00	38.38 1.73 0.00	36.39 1.84 0.00	38.11 1.69 0.00	41.55 2.25 0.00	40.27 2.16 0.00	36.17 1.88 0.00	32.96 2.02 -0.06	32.28 1.85 -0.23
LIPA_MISC_IPP 23656	54.23 0.83 -24.98	27.57 0.93 -1.45	26.29 0.83 0.00	25.56 0.85 0.00	25.93 0.94 0.00	25.99 1.00 -0.03	61.05 1.30 -29.19	67.78 1.50 -38.21	32.97 1.65 -4.02	30.53 1.64 -0.11	32.47 1.79 -0.76	32.62 1.66 -0.21	32.70 1.61 -1.96	32.91 1.64 -0.77	33.73 1.54 -4.64	34.53 1.18 0.00	37.37 0.72 0.00	35.45 0.90 0.00	37.06 0.64 0.00	40.59 1.29 0.00	39.27 1.15 0.00	35.23 0.93 0.00	32.15 1.20 -0.06	31.51 1.09 -0.23
LISF__SOLAR 323691	54.28 0.88 -24.98	27.61 0.96 -1.45	26.32 0.87 0.00	25.60 0.89 0.00	25.97 0.98 0.00	26.02 1.04 -0.03	61.10 1.36 -29.19	67.83 1.56 -38.21	33.03 1.71 -4.02	30.58 1.69 -0.11	32.51 1.83 -0.76	32.63 1.67 -0.21	32.75 1.65 -1.96	32.97 1.70 -0.77	33.79 1.59 -4.64	34.59 1.24 0.00	37.43 0.79 0.00	35.53 0.98 0.00	37.15 0.74 0.00	40.69 1.39 0.00	39.36 1.24 0.00	35.31 1.01 0.00	32.22 1.27 -0.06	31.58 1.15 -0.23

LITTLE FALLS___HYD 24013	28.32 -0.11 0.00	25.10 -0.11 0.00	25.38 -0.08 0.00	24.60 -0.11 0.00	24.99 0.00 0.00	24.98 0.03 0.00	30.47 -0.08 0.00	28.18 0.12 0.00	27.14 -0.16 0.00	27.97 -0.80 0.00	28.86 -1.06 0.00	29.63 -1.13 0.00	28.23 -0.91 0.00	29.58 -0.92 0.00	26.95 -0.60 0.00	33.16 -0.18 0.00	36.30 -0.35 0.00	34.41 -0.14 0.00	36.31 -0.10 0.00	39.83 0.53 0.00	38.68 0.56 0.00	34.51 0.21 0.00	30.88 -0.01 0.00	30.07 -0.13 0.00
LITTLRIV_115KV_TB1 356100	29.26 0.84 0.00	26.01 0.81 0.00	26.18 0.72 0.00	25.40 0.69 0.00	25.65 0.67 0.00	25.65 0.70 0.00	31.56 1.01 0.00	28.83 0.77 0.00	27.80 0.50 0.00	29.15 0.37 0.00	30.11 0.19 0.00	30.80 0.05 0.00	29.09 -0.05 0.00	30.39 -0.11 0.00	27.55 0.00 0.00	33.66 0.31 0.00	37.29 0.64 0.00	35.17 0.62 0.00	37.37 0.95 0.00	40.25 0.94 0.00	39.09 0.98 0.00	35.26 0.96 0.00	31.77 0.88 0.00	31.16 0.96 0.00
LI_NEWBRDGE___DRP 323616	54.39 0.99 -24.98	27.81 1.16 -1.45	26.52 1.07 0.00	25.79 1.08 0.00	26.13 1.15 0.00	26.19 1.21 -0.03	61.30 1.56 -29.19	67.98 1.71 -38.21	33.16 1.85 -4.02	30.77 1.89 -0.11	32.67 1.99 -0.76	32.89 1.93 -0.21	32.95 1.85 -1.96	33.21 1.94 -0.77	33.99 1.80 -4.64	35.03 1.68 0.00	38.08 1.43 0.00	35.99 1.44 0.00	37.72 1.30 0.00	41.04 1.74 0.00	39.82 1.71 0.00	35.78 1.48 0.00	32.55 1.60 -0.06	31.90 1.47 -0.23
LOCKPORT_115KV_TB60_63_64 80432	27.71 -0.71 0.00	24.22 -0.98 0.00	24.56 -0.90 0.00	23.74 -0.97 0.00	23.92 -1.07 0.00	24.02 -0.93 0.00	29.74 -0.81 0.00	26.95 -1.11 0.00	26.19 -1.12 0.00	28.01 -0.76 0.00	29.46 -0.46 0.00	30.86 0.11 0.00	29.44 0.30 0.00	30.57 0.07 0.00	26.99 -0.56 0.00	32.61 -0.74 -0.01	36.07 -0.58 0.00	34.30 -0.25 0.00	36.42 0.00 0.00	38.55 -0.75 0.00	37.23 -0.89 0.00	34.00 -0.29 0.00	30.60 -0.29 0.00	29.70 -0.49 0.00
LOCKPORT___CC1 323769	27.69 -0.73 0.00	24.20 -1.00 0.00	24.55 -0.91 0.00	23.73 -0.98 0.00	23.92 -1.07 0.00	24.02 -0.93 0.00	29.72 -0.83 0.00	26.95 -1.11 0.00	26.18 -1.12 0.00	28.00 -0.77 0.00	29.47 -0.45 0.00	30.92 0.17 0.00	29.44 0.29 0.00	30.54 0.04 0.00	26.98 -0.57 0.00	32.57 -0.78 -0.01	36.04 -0.61 0.00	34.26 -0.29 0.00	36.40 -0.01 0.00	38.53 -0.77 0.00	37.19 -0.92 0.00	33.98 -0.32 0.00	30.57 -0.31 0.00	29.69 -0.51 0.00
LOCKPORT___CC2 323770	27.69 -0.73 0.00	24.20 -1.00 0.00	24.55 -0.91 0.00	23.73 -0.98 0.00	23.92 -1.07 0.00	24.02 -0.93 0.00	29.72 -0.83 0.00	26.95 -1.11 0.00	26.18 -1.12 0.00	28.00 -0.77 0.00	29.47 -0.45 0.00	30.92 0.17 0.00	29.44 0.29 0.00	30.54 0.04 0.00	26.98 -0.57 0.00	32.57 -0.78 -0.01	36.04 -0.61 0.00	34.26 -0.29 0.00	36.40 -0.01 0.00	38.53 -0.77 0.00	37.19 -0.92 0.00	33.98 -0.32 0.00	30.57 -0.31 0.00	29.69 -0.51 0.00
LOCKPORT___CC3 323771	27.69 -0.73 0.00	24.20 -1.00 0.00	24.55 -0.91 0.00	23.73 -0.98 0.00	23.92 -1.07 0.00	24.02 -0.93 0.00	29.72 -0.83 0.00	26.95 -1.11 0.00	26.18 -1.12 0.00	28.00 -0.77 0.00	29.47 -0.45 0.00	30.92 0.17 0.00	29.44 0.29 0.00	30.54 0.04 0.00	26.98 -0.57 0.00	32.57 -0.78 -0.01	36.04 -0.61 0.00	34.26 -0.29 0.00	36.40 -0.01 0.00	38.53 -0.77 0.00	37.19 -0.92 0.00	33.98 -0.32 0.00	30.57 -0.31 0.00	29.69 -0.51 0.00
LONG_LAKE_PHOENIX 24014	28.01 -0.41 0.00	24.81 -0.39 0.00	25.07 -0.39 0.00	24.33 -0.38 0.00	24.61 -0.38 0.00	24.59 -0.36 0.00	30.20 -0.35 0.00	27.78 -0.28 0.00	27.02 -0.29 0.00	28.48 -0.30 0.00	29.63 -0.30 0.00	30.51 -0.24 0.00	28.96 -0.18 0.00	30.34 -0.16 0.00	27.38 -0.17 0.00	33.13 -0.21 0.00	36.45 -0.20 0.00	34.35 -0.20 0.00	36.32 -0.10 0.00	39.12 -0.18 0.00	37.86 -0.26 0.00	34.06 -0.24 0.00	30.61 -0.28 0.00	29.80 -0.40 0.00
LOVETT___3 23632	29.13 0.70 0.00	25.82 0.62 0.00	26.00 0.54 0.00	25.28 0.57 0.00	25.60 0.61 0.00	25.61 0.66 0.00	31.37 0.82 0.00	29.07 1.01 0.00	28.47 1.16 0.00	30.02 1.24 0.00	31.42 1.28 -0.22	32.08 1.21 -0.11	30.28 1.10 -0.04	31.69 1.19 0.00	25.72 1.08 2.91	34.46 1.11 0.00	37.72 1.07 0.00	35.59 1.04 0.00	37.41 1.00 0.00	40.51 1.21 0.00	39.26 1.14 0.00	35.21 0.91 0.00	31.76 0.87 0.00	30.97 0.77 0.00
LOVETT___4 23642	29.13 0.70 0.00	25.82 0.62 0.00	26.00 0.54 0.00	25.28 0.57 0.00	25.60 0.61 0.00	25.61 0.66 0.00	31.37 0.82 0.00	29.07 1.01 0.00	28.47 1.16 0.00	30.02 1.24 0.00	31.42 1.28 -0.22	32.08 1.21 -0.11	30.28 1.10 -0.04	31.69 1.19 0.00	25.72 1.08 2.91	34.46 1.11 0.00	37.72 1.07 0.00	35.59 1.04 0.00	37.41 1.00 0.00	40.51 1.21 0.00	39.26 1.14 0.00	35.21 0.91 0.00	31.76 0.87 0.00	30.97 0.77 0.00
LOVETT___5 23593	29.13 0.70 0.00	25.82 0.62 0.00	26.00 0.54 0.00	25.28 0.57 0.00	25.60 0.61 0.00	25.61 0.66 0.00	31.37 0.82 0.00	29.07 1.01 0.00	28.47 1.16 0.00	30.02 1.24 0.00	31.42 1.28 -0.22	32.08 1.21 -0.11	30.28 1.10 -0.04	31.69 1.19 0.00	25.72 1.08 2.91	34.46 1.11 0.00	37.72 1.07 0.00	35.59 1.04 0.00	37.41 1.00 0.00	40.51 1.21 0.00	39.26 1.14 0.00	35.21 0.91 0.00	31.76 0.87 0.00	30.97 0.77 0.00
LOWER RAQUET___HYD 24057	28.90 0.47 0.00	25.69 0.49 0.00	25.87 0.40 0.00	25.09 0.38 0.00	25.34 0.35 0.00	25.32 0.37 0.00	31.13 0.58 0.00	28.46 0.40 0.00	27.51 0.21 0.00	28.91 0.13 0.00	29.95 0.03 0.00	30.67 -0.09 0.00	28.97 -0.17 0.00	30.27 -0.23 0.00	27.41 -0.14 0.00	33.43 0.08 0.00	36.90 0.25 0.00	34.71 0.16 0.00	36.76 0.34 0.00	39.59 0.29 0.00	38.47 0.36 0.00	34.75 0.45 0.00	31.32 0.43 0.00	30.74 0.54 0.00
LOWER___HUDSON 24059	29.32 0.89 0.00	25.97 0.77 0.00	26.23 0.77 0.00	25.42 0.71 0.00	25.75 0.76 0.00	25.74 0.79 0.00	31.34 0.80 0.00	28.87 0.81 0.00	28.07 0.77 0.00	29.47 0.70 0.00	30.22 0.60 0.30	31.15 0.56 0.16	29.70 0.61 0.05	31.23 0.73 0.00	28.56 0.69 -0.31	34.32 0.98 0.00	37.58 0.93 0.00	35.37 0.82 0.00	37.24 0.82 0.00	40.50 1.20 0.00	39.31 1.19 0.00	35.26 0.96 0.00	31.71 0.82 0.00	30.99 0.80 0.00
LOWVILLE_115KV_TB2 356335	29.60 1.18 0.00	26.22 1.02 0.00	26.43 0.97 0.00	25.60 0.89 0.00	25.85 0.86 0.00	25.95 1.00 0.00	32.03 1.49 0.00	29.37 1.31 0.00	28.44 1.14 0.00	29.68 0.90 0.00	30.69 0.77 0.00	31.50 0.75 0.00	29.83 0.69 0.00	31.35 0.85 0.00	28.51 0.96 0.00	34.80 1.45 0.00	38.50 1.85 0.00	36.45 1.90 0.00	38.73 2.32 0.00	41.69 2.39 0.00	40.33 2.22 0.00	36.18 1.88 0.00	32.44 1.56 0.00	31.57 1.38 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.69 1.27 0.00	26.25 1.05 0.00	26.49 1.04 0.00	25.69 0.98 0.00	26.08 1.09 0.00	26.15 1.20 0.00	31.95 1.40 0.00	29.42 1.37 0.00	28.59 1.29 0.00	29.94 1.17 0.00	30.79 1.11 0.24	31.73 1.10 0.12	30.28 1.19 0.04	31.81 1.31 0.00	29.07 1.23 -0.29	35.07 1.73 0.00	38.52 1.87 0.00	36.30 1.75 0.00	38.25 1.83 0.00	41.54 2.24 0.00	40.19 2.07 0.00	36.01 1.71 0.00	32.33 1.44 0.00	31.55 1.36 0.00

LUTHERNY_35_KV_BK2 355980	29.70 1.28 0.00	26.25 1.04 0.00	26.49 1.03 0.00	25.67 0.96 0.00	26.07 1.08 0.00	26.17 1.22 0.00	31.95 1.41 0.00	29.46 1.40 0.00	28.58 1.28 0.00	29.94 1.17 0.00	30.79 1.11 0.24	31.72 1.09 0.12	30.28 1.18 0.04	31.82 1.32 0.00	29.08 1.23 -0.29	35.10 1.75 0.00	38.55 1.90 0.00	36.32 1.77 0.00	38.27 1.85 0.00	41.58 2.29 0.00	40.24 2.12 0.00	36.03 1.73 0.00	32.32 1.43 0.00	31.54 1.34 0.00
LWR___OSWEGATCHIE_HYD 23850	29.26 0.84 0.00	25.97 0.77 0.00	26.15 0.70 0.00	25.35 0.64 0.00	25.60 0.62 0.00	25.65 0.70 0.00	31.61 1.06 0.00	28.95 0.89 0.00	27.99 0.69 0.00	29.29 0.51 0.00	30.31 0.39 0.00	31.06 0.31 0.00	29.36 0.22 0.00	30.80 0.30 0.00	27.94 0.39 0.00	34.15 0.80 0.00	37.75 1.10 0.00	35.63 1.08 0.00	37.84 1.42 0.00	40.74 1.44 0.00	39.48 1.36 0.00	35.52 1.22 0.00	31.92 1.03 0.00	31.18 0.99 0.00
LYONS_FALL_HYD 23570	29.40 0.98 0.00	26.04 0.83 0.00	26.28 0.82 0.00	25.46 0.74 0.00	25.72 0.73 0.00	25.79 0.85 0.00	31.79 1.24 0.00	29.18 1.12 0.00	28.28 0.98 0.00	29.59 0.82 0.00	30.65 0.73 0.00	31.51 0.76 0.00	29.87 0.73 0.00	31.36 0.86 0.00	28.47 0.92 0.00	34.63 1.29 0.00	38.27 1.62 0.00	36.21 1.66 0.00	38.34 1.93 0.00	41.33 2.03 0.00	39.98 1.87 0.00	35.89 1.59 0.00	32.20 1.32 0.00	31.34 1.15 0.00
MADISON___COUNTY_LFGE 323628	29.18 0.76 0.00	25.81 0.61 0.00	26.09 0.63 0.00	25.30 0.59 0.00	25.60 0.61 0.00	25.63 0.68 0.00	31.55 1.01 0.00	29.01 0.95 0.00	28.15 0.85 0.00	29.55 0.77 0.00	30.66 0.74 0.00	31.67 0.92 0.00	30.05 0.91 0.00	31.49 0.99 0.00	28.52 0.97 0.00	34.54 1.20 0.00	38.12 1.47 0.00	36.04 1.49 0.00	38.10 1.68 0.00	41.07 1.77 0.00	39.71 1.60 0.00	35.65 1.35 0.00	32.00 1.11 0.00	31.12 0.93 0.00
MALONE___115KV_TB1 356076	29.00 0.58 0.00	25.76 0.56 0.00	25.94 0.48 0.00	25.18 0.47 0.00	25.43 0.44 0.00	25.39 0.44 0.00	31.21 0.66 0.00	28.64 0.58 0.00	27.72 0.42 0.00	29.16 0.38 0.00	30.25 0.33 0.00	30.99 0.24 0.00	29.31 0.17 0.00	30.66 0.16 0.00	27.71 0.16 0.00	33.78 0.44 0.00	37.34 0.69 0.00	34.92 0.37 0.00	36.92 0.50 0.00	40.05 0.75 0.00	39.01 0.89 0.00	35.41 1.11 0.00	31.88 0.99 0.00	31.30 1.10 0.00
MAPLEWOD_115KV_TB3 80458	29.05 0.62 0.00	25.75 0.55 0.00	26.03 0.57 0.00	25.23 0.52 0.00	25.54 0.55 0.00	25.52 0.57 0.00	31.08 0.53 0.00	28.64 0.58 0.00	27.88 0.58 0.00	29.30 0.53 0.00	30.13 0.45 0.23	31.02 0.39 0.12	29.55 0.45 0.04	31.07 0.57 0.00	28.42 0.56 -0.31	34.15 0.81 0.00	37.39 0.74 0.00	35.23 0.68 0.00	37.06 0.64 0.00	40.24 0.94 0.00	39.06 0.94 0.00	35.04 0.74 0.00	31.50 0.61 0.00	30.75 0.56 0.00
MAPLE_RIDGE_WT_1 323574	28.41 -0.01 0.00	25.24 0.04 0.00	25.44 -0.03 0.00	24.71 0.00 0.00	24.93 -0.06 0.00	24.91 -0.04 0.00	30.52 -0.03 0.00	27.98 -0.08 0.00	27.17 -0.13 0.00	28.66 -0.12 0.00	29.79 -0.13 0.00	30.57 -0.18 0.00	28.92 -0.22 0.00	30.23 -0.27 0.00	27.32 -0.23 0.00	33.14 -0.21 0.00	36.51 -0.13 0.00	34.35 -0.20 0.00	36.20 -0.22 0.00	39.03 -0.27 0.00	37.90 -0.21 0.00	34.20 -0.10 0.00	30.84 -0.04 0.00	30.23 0.03 0.00
MAPLE_RIDGE_WT_2 323611	28.41 -0.01 0.00	25.24 0.04 0.00	25.44 -0.03 0.00	24.71 0.00 0.00	24.93 -0.06 0.00	24.91 -0.04 0.00	30.52 -0.03 0.00	27.98 -0.08 0.00	27.17 -0.13 0.00	28.66 -0.12 0.00	29.79 -0.13 0.00	30.57 -0.18 0.00	28.92 -0.22 0.00	30.23 -0.27 0.00	27.32 -0.23 0.00	33.14 -0.21 0.00	36.51 -0.13 0.00	34.35 -0.20 0.00	36.20 -0.22 0.00	39.03 -0.27 0.00	37.90 -0.21 0.00	34.20 -0.10 0.00	30.84 -0.04 0.00	30.23 0.03 0.00
MARBLE_RIVER_WT_PWR 323696	28.77 0.35 0.00	25.55 0.35 0.00	25.73 0.28 0.00	24.98 0.27 0.00	25.23 0.24 0.00	25.18 0.23 0.00	30.92 0.37 0.00	28.39 0.33 0.00	27.50 0.20 0.00	28.92 0.15 0.00	30.02 0.10 0.00	30.80 0.05 0.00	29.16 0.02 0.00	30.54 0.04 0.00	27.58 0.03 0.00	33.61 0.26 0.00	37.14 0.49 0.00	34.54 0.00 0.00	36.44 0.02 0.00	39.72 0.42 0.00	38.76 0.65 0.00	35.31 1.01 0.00	31.80 0.91 0.00	31.23 1.04 0.00
MARSHVLE_115KV_TB1 80742	30.06 1.64 0.00	26.60 1.40 0.00	26.86 1.40 0.00	26.10 1.38 0.00	26.37 1.38 0.00	26.38 1.43 0.00	32.62 2.07 0.00	30.00 1.94 0.00	28.75 1.45 0.00	29.93 1.15 0.00	30.96 1.18 0.14	32.07 1.39 0.07	30.54 1.42 0.03	31.93 1.43 0.00	28.83 1.27 0.00	35.11 1.76 0.00	39.04 2.39 0.00	37.01 2.46 0.00	39.27 2.85 0.00	42.36 3.07 0.00	40.90 2.79 0.00	36.83 2.53 0.00	33.07 2.18 0.00	32.16 1.96 0.00
MARSH_HILL_WT_PWR 323713	29.49 1.07 0.00	25.90 0.70 0.00	26.17 0.71 0.00	25.29 0.58 0.00	25.66 0.67 0.00	25.93 0.98 0.00	32.32 1.77 0.00	29.85 1.79 0.00	28.91 1.60 0.00	30.49 1.71 0.00	31.89 1.97 0.00	33.21 2.46 0.00	31.52 2.38 0.00	32.77 2.27 0.00	29.31 1.76 0.00	35.47 2.11 -0.01	39.31 2.66 0.00	37.32 2.78 0.00	39.76 3.34 0.00	42.61 3.31 0.00	40.92 2.80 0.00	36.53 2.24 0.00	33.01 2.12 0.00	31.96 1.76 0.00
MCINTYRE_115KV_TB2 80467	29.42 1.00 0.00	26.16 0.96 0.00	26.32 0.86 0.00	25.54 0.83 0.00	25.80 0.81 0.00	25.78 0.83 0.00	31.72 1.18 0.00	28.97 0.90 0.00	27.87 0.57 0.00	29.18 0.40 0.00	30.09 0.17 0.00	30.78 0.02 0.00	29.06 -0.08 0.00	30.33 -0.16 0.00	27.52 -0.04 0.00	33.63 0.29 0.00	37.35 0.71 0.00	35.27 0.73 0.00	37.54 1.13 0.00	40.46 1.15 0.00	39.29 1.17 0.00	35.44 1.14 0.00	31.93 1.04 0.00	31.33 1.13 0.00
MECO_____69_KV_BK1 80468	30.19 1.77 0.00	26.71 1.51 0.00	26.95 1.50 0.00	26.17 1.46 0.00	26.48 1.48 0.00	26.50 1.55 0.00	32.70 2.15 0.00	30.11 2.05 0.00	28.88 1.58 0.00	29.73 0.96 0.00	30.66 0.90 0.16	31.63 0.96 0.08	30.18 1.07 0.03	31.57 1.07 0.00	28.48 0.93 0.00	35.06 1.72 0.00	39.11 2.46 0.00	37.17 2.62 0.00	39.45 3.03 0.00	42.72 3.42 0.00	41.25 3.13 0.00	37.03 2.73 0.00	33.20 2.31 0.00	32.27 2.07 0.00
MENANDS___115KV_TB5 355628	28.82 0.40 0.00	25.58 0.38 0.00	25.86 0.40 0.00	25.06 0.35 0.00	25.37 0.38 0.00	25.35 0.40 0.00	30.86 0.31 0.00	28.43 0.36 0.00	27.68 0.38 0.00	29.12 0.34 0.00	29.93 0.24 0.23	30.84 0.21 0.12	29.36 0.26 0.04	30.86 0.36 0.00	28.23 0.37 -0.31	33.89 0.54 0.00	37.08 0.43 0.00	34.92 0.37 0.00	36.72 0.30 0.00	39.89 0.58 0.00	38.72 0.61 0.00	34.74 0.44 0.00	31.24 0.35 0.00	30.52 0.32 0.00
MG INDUSTRY___DRP 24185	28.87 0.45 0.00	25.65 0.44 0.00	25.98 0.52 0.00	25.20 0.48 0.00	25.50 0.51 0.00	25.46 0.51 0.00	31.05 0.51 0.00	28.56 0.50 0.00	27.75 0.45 0.00	29.13 0.35 0.00	29.97 0.19 0.14	30.86 0.18 0.07	29.32 0.21 0.03	30.76 0.26 0.00	27.85 0.30 0.00	33.88 0.53 0.00	37.16 0.51 0.00	35.05 0.50 0.00	36.89 0.48 0.00	40.05 0.75 0.00	38.87 0.75 0.00	34.89 0.59 0.00	31.39 0.50 0.00	30.67 0.47 0.00

MID___OSWEGATCHIE_HYD 23849	29.26 0.84 0.00	25.97 0.77 0.00	26.15 0.70 0.00	25.35 0.64 0.00	25.60 0.62 0.00	25.65 0.70 0.00	31.61 1.06 0.00	28.95 0.89 0.00	27.99 0.69 0.00	29.29 0.51 0.00	30.31 0.39 0.00	31.06 0.31 0.00	29.36 0.22 0.00	30.80 0.30 0.00	27.94 0.39 0.00	34.15 0.80 0.00	37.75 1.10 0.00	35.63 1.08 0.00	37.84 1.42 0.00	40.74 1.44 0.00	39.48 1.36 0.00	35.52 1.22 0.00	31.92 1.03 0.00	31.18 0.99 0.00
MID___RAQUETTE_HYD 23851	28.89 0.47 0.00	25.69 0.49 0.00	25.87 0.41 0.00	25.09 0.38 0.00	25.34 0.35 0.00	25.32 0.38 0.00	31.12 0.58 0.00	28.46 0.40 0.00	27.51 0.21 0.00	28.91 0.13 0.00	29.95 0.03 0.00	30.67 -0.09 0.00	28.97 -0.17 0.00	30.27 -0.23 0.00	27.41 -0.14 0.00	33.43 0.08 0.00	36.90 0.25 0.00	34.71 0.16 0.00	36.76 0.34 0.00	39.59 0.29 0.00	38.47 0.36 0.00	34.75 0.45 0.00	31.32 0.43 0.00	30.74 0.54 0.00
MILLIKEN___1 23584	28.83 0.41 0.00	25.49 0.29 0.00	25.78 0.32 0.00	25.01 0.31 0.00	25.32 0.33 0.00	25.35 0.40 0.00	31.28 0.73 0.00	28.85 0.79 0.00	28.01 0.71 0.00	29.46 0.68 0.00	30.69 0.77 0.00	31.88 1.12 0.00	30.21 1.07 0.00	31.47 0.97 0.00	28.35 0.80 0.00	34.34 0.99 0.00	37.89 1.24 0.00	35.74 1.19 0.00	38.03 1.61 0.00	41.00 1.70 0.00	39.61 1.50 0.00	35.58 1.29 0.00	31.91 1.02 0.00	30.99 0.80 0.00
MILLIKEN___2 23585	28.83 0.41 0.00	25.49 0.29 0.00	25.78 0.32 0.00	25.01 0.31 0.00	25.32 0.33 0.00	25.35 0.40 0.00	31.28 0.73 0.00	28.85 0.79 0.00	28.01 0.71 0.00	29.46 0.68 0.00	30.69 0.77 0.00	31.88 1.12 0.00	30.21 1.07 0.00	31.47 0.97 0.00	28.35 0.80 0.00	34.34 0.99 0.00	37.89 1.24 0.00	35.74 1.19 0.00	38.03 1.61 0.00	41.00 1.70 0.00	39.61 1.50 0.00	35.58 1.29 0.00	31.91 1.02 0.00	30.99 0.80 0.00
MILLIKEN___DIESEL 23629	28.83 0.41 0.00	25.49 0.29 0.00	25.78 0.32 0.00	25.01 0.31 0.00	25.32 0.33 0.00	25.35 0.40 0.00	31.28 0.73 0.00	28.85 0.79 0.00	28.01 0.71 0.00	29.46 0.68 0.00	30.69 0.77 0.00	31.88 1.12 0.00	30.21 1.07 0.00	31.47 0.97 0.00	28.35 0.80 0.00	34.34 0.99 0.00	37.89 1.24 0.00	35.74 1.19 0.00	38.03 1.61 0.00	41.00 1.70 0.00	39.61 1.50 0.00	35.58 1.29 0.00	31.91 1.02 0.00	30.99 0.80 0.00
MILLSEAT___LFGE 323607	28.20 -0.22 0.00	24.67 -0.54 0.00	24.99 -0.46 0.00	24.17 -0.54 0.00	24.37 -0.62 0.00	24.47 -0.48 0.00	30.33 -0.22 0.00	27.58 -0.48 0.00	26.79 -0.51 0.00	28.56 -0.21 0.00	29.99 0.07 0.00	31.35 0.60 0.00	29.92 0.78 0.00	31.20 0.70 0.00	27.53 -0.03 0.00	33.47 0.12 -0.01	36.88 0.23 0.00	35.02 0.47 0.00	37.31 0.89 0.00	39.62 0.32 0.00	38.23 0.11 0.00	34.80 0.50 0.00	31.23 0.34 0.00	30.28 0.09 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.27 0.85 0.00	25.96 0.76 0.00	26.14 0.68 0.00	25.42 0.71 0.00	25.73 0.74 0.00	25.74 0.79 0.00	31.53 0.99 0.00	29.23 1.17 0.00	28.62 1.31 0.00	30.18 1.40 0.00	31.59 1.43 -0.23	32.25 1.38 -0.12	30.45 1.27 -0.04	31.89 1.39 0.00	31.12 1.27 -2.30	34.69 1.35 0.00	37.97 1.33 0.00	35.80 1.25 0.00	37.64 1.21 0.00	40.77 1.47 0.00	39.52 1.41 0.00	35.45 1.15 0.00	31.96 1.07 0.00	31.14 0.94 0.00
MILLWOOD_13_KV_LOAD 356217	29.34 0.92 0.00	26.02 0.82 0.00	26.20 0.74 0.00	25.47 0.76 0.00	25.79 0.80 0.00	25.80 0.85 0.00	31.61 1.07 0.00	29.31 1.25 0.00	28.70 1.39 0.00	30.27 1.49 0.00	31.68 1.52 -0.23	32.35 1.48 -0.12	30.56 1.38 -0.04	31.99 1.49 0.00	31.21 1.37 -2.30	34.81 1.47 0.00	38.09 1.45 0.00	35.92 1.37 0.00	37.76 1.34 0.00	40.90 1.60 0.00	39.65 1.53 0.00	35.55 1.25 0.00	32.05 1.16 0.00	31.22 1.03 0.00
MODEL_CITY_ENERGY 24167	27.39 -1.03 0.00	23.95 -1.25 0.00	24.29 -1.17 0.00	23.48 -1.23 0.00	23.66 -1.33 0.00	23.75 -1.20 0.00	29.37 -1.18 0.00	26.59 -1.47 0.00	25.84 -1.46 0.00	27.65 -1.13 0.00	29.11 -0.81 0.00	30.53 -0.22 0.00	29.06 -0.08 0.00	30.10 -0.40 0.00	26.62 -0.93 0.00	32.06 -1.29 -0.01	35.53 -1.12 0.00	33.79 -0.76 0.00	35.89 -0.53 0.00	37.96 -1.34 0.00	36.65 -1.46 0.00	33.53 -0.77 0.00	30.20 -0.69 0.00	29.35 -0.84 0.00
MODERN_LFGE___ 323580	27.39 -1.03 0.00	23.95 -1.25 0.00	24.29 -1.17 0.00	23.48 -1.23 0.00	23.66 -1.33 0.00	23.75 -1.20 0.00	29.37 -1.18 0.00	26.59 -1.47 0.00	25.84 -1.46 0.00	27.65 -1.13 0.00	29.11 -0.81 0.00	30.53 -0.22 0.00	29.06 -0.08 0.00	30.10 -0.40 0.00	26.62 -0.93 0.00	32.06 -1.29 -0.01	35.53 -1.12 0.00	33.79 -0.76 0.00	35.89 -0.53 0.00	37.96 -1.34 0.00	36.65 -1.46 0.00	33.53 -0.77 0.00	30.20 -0.69 0.00	29.35 -0.84 0.00
MOHAWK_PAPER___DRP 24187	29.05 0.62 0.00	25.75 0.55 0.00	26.03 0.57 0.00	25.23 0.52 0.00	25.54 0.55 0.00	25.52 0.57 0.00	31.08 0.53 0.00	28.64 0.58 0.00	27.88 0.58 0.00	29.30 0.53 0.00	30.13 0.45 0.23	31.02 0.39 0.12	29.55 0.45 0.04	31.07 0.57 0.00	28.42 0.56 -0.31	34.15 0.81 0.00	37.39 0.74 0.00	35.23 0.68 0.00	37.06 0.64 0.00	40.24 0.94 0.00	39.06 0.94 0.00	35.04 0.74 0.00	31.50 0.61 0.00	30.75 0.56 0.00
MOHICAN___35_KV_115KV_LD 80490	29.79 1.37 0.00	26.24 1.04 0.00	26.47 1.01 0.00	25.67 0.96 0.00	26.24 1.25 0.00	26.46 1.51 0.00	32.40 1.86 0.00	29.88 1.82 0.00	29.08 1.78 0.00	30.35 1.57 0.00	31.14 1.46 0.24	32.16 1.53 0.12	30.80 1.70 0.04	32.41 1.91 0.00	29.62 1.77 -0.29	35.80 2.46 0.00	39.37 2.72 0.00	37.03 2.48 0.00	39.05 2.63 0.00	42.55 3.25 0.00	40.87 2.76 0.00	36.59 2.29 0.00	32.81 1.92 0.00	32.04 1.84 0.00
MONGAUP___HYD 23641	29.45 1.03 0.00	26.09 0.89 0.00	26.30 0.84 0.00	25.54 0.83 0.00	25.85 0.86 0.00	25.78 0.83 0.00	31.63 1.09 0.00	29.27 1.21 0.00	28.59 1.29 0.00	30.11 1.33 0.00	31.43 1.31 -0.19	31.97 1.12 -0.10	30.07 0.90 -0.04	31.61 1.11 0.00	26.86 1.00 1.70	34.28 0.93 0.00	37.50 0.85 0.00	35.70 1.15 0.00	37.92 1.50 0.00	41.07 1.77 0.00	39.78 1.67 0.00	35.71 1.41 0.00	32.11 1.22 0.00	31.25 1.05 0.00
MONTAUK___DIESEL 23721	54.95 1.55 -24.98	28.18 1.53 -1.45	26.91 1.45 0.00	26.16 1.45 0.00	26.54 1.55 0.00	26.53 1.54 -0.03	61.69 1.95 -29.19	68.43 2.15 -38.21	33.55 2.23 -4.02	31.02 2.14 -0.11	33.07 2.39 -0.76	33.38 2.42 -0.21	33.20 2.10 -1.96	33.36 2.09 -0.77	34.00 1.80 -4.64	34.58 1.23 0.00	37.37 0.73 0.00	35.69 1.14 0.00	37.18 0.76 0.00	41.00 1.70 0.00	39.28 1.17 0.00	34.86 0.56 0.00	31.72 0.77 -0.06	31.15 0.72 -0.23
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.42 0.00 0.00	24.86 -0.34 0.00	25.22 -0.23 0.00	24.50 -0.21 0.00	24.88 -0.11 0.00	24.90 -0.05 0.00	31.07 0.52 0.00	28.69 0.63 0.00	27.86 0.56 0.00	29.86 1.09 0.00	31.46 1.54 0.00	32.88 2.13 0.00	31.19 2.05 0.00	32.41 1.91 0.00	28.91 1.35 0.00	34.90 1.54 -0.02	38.61 1.95 0.00	36.64 2.09 0.00	38.98 2.56 0.00	41.39 2.09 0.00	39.83 1.72 0.00	36.12 1.82 0.00	32.32 1.43 0.00	31.28 1.09 0.00

MORRIS_RIDGE___SOLAR 323848	28.12 -0.30 0.00	24.76 -0.44 0.00	25.10 -0.35 0.00	24.32 -0.39 0.00	24.56 -0.42 0.00	24.75 -0.20 0.00	30.72 0.17 0.00	28.13 0.07 0.00	27.31 0.01 0.00	29.04 0.27 0.00	30.48 0.56 0.00	31.79 1.04 0.00	30.20 1.05 0.00	31.40 0.90 0.00	28.01 0.46 0.00	33.78 0.43 -0.01	37.35 0.70 0.00	35.41 0.85 0.00	37.64 1.23 0.00	40.09 0.78 0.00	38.61 0.50 0.00	35.07 0.77 0.00	31.48 0.60 0.00	30.53 0.33 0.00
MORTIMER_115KV_TB3 55949	28.04 -0.38 0.00	24.62 -0.58 0.00	24.91 -0.54 0.00	24.12 -0.59 0.00	24.34 -0.64 0.00	24.42 -0.53 0.00	30.16 -0.38 0.00	27.56 -0.51 0.00	26.75 -0.55 0.00	28.44 -0.33 0.00	29.78 -0.14 0.00	31.03 0.27 0.00	29.55 0.41 0.00	30.72 0.22 0.00	27.51 -0.04 0.00	33.07 -0.27 0.00	36.73 0.08 0.00	34.79 0.24 0.00	36.90 0.48 0.00	39.36 0.06 0.00	38.01 -0.10 0.00	34.41 0.11 0.00	30.90 0.01 0.00	29.97 -0.23 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.53 1.11 0.00	26.21 1.01 0.00	26.36 0.90 0.00	25.65 0.94 0.00	25.96 0.97 0.00	25.99 1.04 0.00	31.84 1.29 0.00	29.56 1.50 0.00	28.96 1.66 0.00	30.56 1.78 0.00	31.98 1.82 -0.24	32.66 1.78 -0.12	30.84 1.66 -0.04	32.28 1.79 0.00	30.78 1.64 -1.59	35.11 1.77 0.00	38.43 1.78 0.00	36.19 1.64 0.00	38.03 1.61 0.00	41.16 1.86 0.00	39.93 1.82 0.00	35.83 1.53 0.00	32.30 1.41 0.00	31.44 1.25 0.00
MUNSVILLE_WIND_PWR 323609	30.04 1.62 0.00	26.53 1.33 0.00	26.90 1.45 0.00	26.14 1.43 0.00	26.55 1.56 0.00	26.69 1.74 0.00	33.17 2.62 0.00	30.56 2.49 0.00	29.54 2.24 0.00	30.94 2.16 0.00	32.27 2.34 0.00	33.47 2.71 0.00	31.68 2.54 0.00	32.87 2.37 0.00	29.61 2.06 0.00	35.97 2.63 0.00	39.87 3.23 0.00	37.77 3.22 0.00	40.50 4.08 0.00	43.48 4.18 0.00	41.97 3.86 0.00	37.59 3.29 0.00	33.59 2.70 0.00	32.54 2.35 0.00
N SALMON___HYD 24042	29.00 0.58 0.00	25.76 0.56 0.00	25.95 0.48 0.00	25.18 0.47 0.00	25.43 0.44 0.00	25.39 0.44 0.00	31.21 0.66 0.00	28.64 0.58 0.00	27.72 0.42 0.00	29.16 0.38 0.00	30.25 0.33 0.00	30.99 0.24 0.00	29.31 0.17 0.00	30.66 0.16 0.00	27.71 0.16 0.00	33.78 0.44 0.00	37.34 0.69 0.00	34.92 0.37 0.00	36.92 0.50 0.00	40.05 0.75 0.00	39.01 0.89 0.00	35.41 1.11 0.00	31.88 0.99 0.00	31.30 1.10 0.00
N.AKRON__115KV_KNAPP 355671	28.11 -0.31 0.00	24.58 -0.63 0.00	24.91 -0.54 0.00	24.08 -0.63 0.00	24.27 -0.72 0.00	24.39 -0.56 0.00	30.21 -0.33 0.00	27.43 -0.62 0.00	26.66 -0.64 0.00	28.46 -0.31 0.00	29.90 -0.02 0.00	31.26 0.51 0.00	29.97 0.84 0.00	31.49 0.99 0.00	27.47 -0.08 0.00	33.92 0.57 -0.01	36.80 0.15 0.00	34.89 0.33 0.00	37.13 0.72 0.00	39.38 0.08 0.00	38.00 -0.11 0.00	34.63 0.33 0.00	31.10 0.21 0.00	30.17 -0.03 0.00
N.BELMOR_69_KV_BK1 55787	54.63 1.23 -24.98	27.96 1.32 -1.45	26.67 1.22 0.00	25.92 1.21 0.00	26.27 1.28 0.00	26.35 1.37 -0.03	61.49 1.75 -29.19	68.17 1.90 -38.21	33.36 2.04 -4.02	30.98 2.09 -0.11	32.90 2.22 -0.76	33.13 2.17 -0.21	33.18 2.08 -1.96	33.46 2.19 -0.77	34.21 2.02 -4.64	35.28 1.93 0.00	38.38 1.73 0.00	36.31 1.76 0.00	38.05 1.63 0.00	41.40 2.10 0.00	40.18 2.07 0.00	36.11 1.81 0.00	32.83 1.88 -0.06	32.14 1.71 -0.23
N.E_GEN_SANDY PD 24062	30.47 0.77 -1.27	27.64 0.68 -1.76	26.09 0.63 0.00	25.31 0.61 0.00	25.62 0.63 0.00	25.98 0.65 -0.37	31.08 0.61 0.08	28.76 0.70 0.00	28.21 0.74 -0.16	29.39 0.70 0.09	28.88 0.62 1.65	30.45 0.56 0.86	29.40 0.56 0.30	31.19 0.69 0.00	28.71 0.64 -0.52	34.11 0.77 0.00	37.30 0.65 0.00	35.11 0.56 0.00	36.91 0.49 0.00	42.75 0.86 -2.59	39.02 0.90 0.00	34.98 0.68 0.00	31.51 0.63 0.00	30.81 0.62 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.17 0.75 0.00	25.86 0.66 0.00	26.04 0.58 0.00	25.31 0.60 0.00	25.63 0.64 0.00	25.64 0.69 0.00	31.42 0.88 0.00	29.12 1.06 0.00	28.51 1.21 0.00	30.07 1.29 0.00	31.47 1.34 -0.21	32.14 1.28 -0.11	30.34 1.17 -0.04	31.76 1.26 0.00	25.86 1.14 2.84	34.55 1.20 0.00	37.83 1.18 0.00	35.70 1.15 0.00	37.53 1.12 0.00	40.63 1.33 0.00	39.36 1.25 0.00	35.30 1.00 0.00	31.83 0.94 0.00	31.03 0.83 0.00
N.QUEENS_27_KV_LOAD 356247	29.65 1.23 0.00	26.33 1.13 0.00	26.46 1.00 0.00	25.81 1.10 0.00	26.11 1.12 0.00	26.14 1.19 0.00	32.00 1.45 0.00	29.72 1.65 0.00	29.13 1.83 0.00	30.72 1.94 0.00	32.14 1.98 -0.24	32.82 1.95 -0.12	31.00 1.81 -0.04	32.43 1.93 0.00	30.92 1.78 -1.59	35.25 1.90 0.00	38.59 1.94 0.00	36.29 1.74 0.00	38.12 1.70 0.00	41.31 2.01 0.00	40.09 1.97 0.00	35.97 1.67 0.00	32.43 1.54 0.00	31.54 1.35 0.00
N.TROY___115KV_TB1 355778	29.32 0.89 0.00	25.98 0.78 0.00	26.23 0.77 0.00	25.42 0.71 0.00	25.75 0.76 0.00	25.74 0.79 0.00	31.34 0.80 0.00	28.87 0.81 0.00	28.07 0.77 0.00	29.48 0.70 0.00	30.22 0.60 0.30	31.16 0.56 0.16	29.70 0.61 0.05	31.23 0.73 0.00	28.56 0.69 -0.31	34.32 0.98 0.00	37.58 0.93 0.00	35.38 0.83 0.00	37.24 0.82 0.00	40.50 1.20 0.00	39.31 1.19 0.00	35.26 0.96 0.00	31.71 0.82 0.00	31.00 0.80 0.00
NARROWS_GT1_1 24228	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1064.35 2.21 -1025.49	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
NARROWS_GT1_2 24229	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1064.35 2.21 -1025.49	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
NARROWS_GT1_3 24230	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1064.35 2.21 -1025.49	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
NARROWS_GT1_4 24231	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1064.35 2.21 -1025.49	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00

NARROWS_GT1_5 24232	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1064.35 2.21 -1025.49	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
NARROWS_GT1_6 24233	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1064.35 2.21 -1025.49	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
NARROWS_GT1_7 24234	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1064.35 2.21 -1025.49	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
NARROWS_GT1_8 24235	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1064.35 2.21 -1025.49	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
NARROWS_GT2_1 24236	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1300.15 2.21 -1261.28	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
NARROWS_GT2_2 24237	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1300.15 2.21 -1261.28	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
NARROWS_GT2_3 24238	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1300.15 2.21 -1261.28	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
NARROWS_GT2_4 24239	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1300.15 2.21 -1261.28	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
NARROWS_GT2_5 24240	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1300.15 2.21 -1261.28	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
NARROWS_GT2_6 24241	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1300.15 2.21 -1261.28	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
NARROWS_GT2_7 24242	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1300.15 2.21 -1261.28	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
NARROWS_GT2_8 24243	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1300.15 2.21 -1261.28	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.27 0.85 0.00	25.99 0.79 0.00	26.38 0.93 0.00	25.56 0.85 0.00	25.88 0.89 0.00	25.90 0.95 0.00	31.63 1.08 0.00	29.10 1.04 0.00	28.25 0.95 0.00	29.53 0.75 0.00	30.36 0.53 0.10	31.20 0.50 0.05	29.66 0.53 0.02	31.12 0.62 0.00	28.22 0.67 0.00	34.51 1.17 0.00	37.91 1.26 0.00	35.86 1.31 0.00	37.77 1.36 0.00	41.14 1.84 0.00	39.87 1.76 0.00	35.71 1.41 0.00	31.98 1.10 0.00	31.17 0.98 0.00
NCHELSEA_115KV_TR2 355582	29.45 1.03 0.00	26.10 0.90 0.00	26.30 0.84 0.00	25.56 0.84 0.00	25.86 0.87 0.00	25.86 0.91 0.00	31.71 1.16 0.00	29.37 1.32 0.00	28.73 1.43 0.00	30.29 1.51 0.00	31.66 1.55 -0.18	32.36 1.51 -0.09	30.58 1.41 -0.03	32.05 1.55 0.00	28.97 1.42 0.00	34.90 1.55 0.00	38.23 1.58 0.00	36.13 1.58 0.00	38.05 1.63 0.00	41.20 1.90 0.00	39.92 1.81 0.00	35.77 1.47 0.00	32.20 1.31 0.00	31.35 1.15 0.00
NEG CAPITAL___MECHNVIL 23645	29.71 1.29 0.00	26.28 1.08 0.00	26.52 1.07 0.00	25.71 1.00 0.00	26.08 1.10 0.00	26.14 1.18 0.00	31.93 1.38 0.00	29.41 1.35 0.00	28.58 1.28 0.00	29.96 1.18 0.00	30.77 1.12 0.26	31.73 1.11 0.14	30.30 1.21 0.05	31.82 1.32 0.00	29.11 1.26 -0.30	35.10 1.75 0.00	38.52 1.87 0.00	36.31 1.76 0.00	38.26 1.84 0.00	41.56 2.26 0.00	40.22 2.11 0.00	36.03 1.73 0.00	32.34 1.45 0.00	31.55 1.36 0.00



NEG CENTRAL_HIGH_ACRES 23767	27.65 -0.77 0.00	24.33 -0.88 0.00	24.60 -0.86 0.00	23.85 -0.86 0.00	24.07 -0.92 0.00	24.14 -0.81 0.00	29.80 -0.75 0.00	27.32 -0.75 0.00	26.57 -0.73 0.00	28.18 -0.60 0.00	29.47 -0.45 0.00	30.65 -0.10 0.00	29.09 -0.05 0.00	30.28 -0.22 0.00	27.20 -0.35 0.00	32.71 -0.64 0.00	36.24 -0.40 0.00	34.29 -0.26 0.00	36.31 -0.11 0.00	38.83 -0.46 0.00	37.51 -0.60 0.00	33.87 -0.42 0.00	30.40 -0.49 0.00	29.51 -0.68 0.00
NEG CENTRAL___DRP 24199	28.40 -0.02 0.00	25.10 -0.10 0.00	25.36 -0.09 0.00	24.60 -0.11 0.00	24.86 -0.13 0.00	24.91 -0.04 0.00	30.79 0.24 0.00	28.33 0.27 0.00	27.53 0.23 0.00	29.07 0.29 0.00	30.32 0.40 0.00	31.40 0.65 0.00	29.83 0.69 0.00	31.12 0.62 0.00	28.02 0.47 0.00	33.81 0.47 0.00	37.25 0.60 0.00	35.27 0.72 0.00	37.34 0.92 0.00	40.10 0.80 0.00	38.73 0.61 0.00	34.92 0.62 0.00	31.32 0.43 0.00	30.40 0.21 0.00
NEG CENTRAL___INDECK 23768	28.97 0.54 0.00	25.42 0.22 0.00	25.74 0.28 0.00	24.91 0.20 0.00	25.17 0.19 0.00	25.36 0.40 0.00	31.51 0.96 0.00	28.88 0.82 0.00	27.95 0.64 0.00	29.35 0.57 0.00	30.61 0.69 0.00	31.93 1.18 0.00	30.35 1.21 0.00	31.68 1.18 0.00	28.32 0.76 0.00	34.08 0.73 0.00	38.00 1.35 0.00	36.28 1.73 0.00	38.73 2.32 0.00	41.42 2.12 0.00	39.94 1.82 0.00	36.11 1.81 0.00	32.32 1.44 0.00	31.25 1.06 0.00
NEG CENTRAL___SENECA 23627	28.49 0.07 0.00	25.14 -0.06 0.00	25.41 -0.05 0.00	24.64 -0.07 0.00	24.92 -0.07 0.00	25.02 0.07 0.00	31.01 0.46 0.00	28.52 0.46 0.00	27.71 0.40 0.00	29.28 0.50 0.00	30.56 0.64 0.00	31.72 0.97 0.00	30.11 0.97 0.00	31.38 0.88 0.00	28.22 0.67 0.00	34.05 0.71 0.00	37.52 0.88 0.00	35.63 1.08 0.00	37.72 1.31 0.00	40.47 1.17 0.00	39.04 0.92 0.00	35.28 0.98 0.00	31.58 0.70 0.00	30.62 0.42 0.00
NEG CENTRAL___STATE_STREET 24147	28.56 0.13 0.00	25.26 0.06 0.00	25.52 0.07 0.00	24.78 0.07 0.00	24.95 -0.04 0.00	24.93 -0.02 0.00	30.69 0.15 0.00	28.23 0.17 0.00	27.45 0.14 0.00	28.95 0.17 0.00	30.14 0.21 0.00	31.14 0.39 0.00	29.55 0.41 0.00	30.87 0.36 0.00	27.85 0.30 0.00	33.64 0.30 0.00	37.07 0.42 0.00	34.98 0.43 0.00	37.03 0.61 0.00	39.82 0.51 0.00	38.49 0.37 0.00	34.64 0.34 0.00	31.12 0.23 0.00	30.27 0.07 0.00
NEG MILLWOOD___DRP 24198	29.53 1.11 0.00	26.17 0.97 0.00	26.36 0.90 0.00	25.62 0.91 0.00	25.94 0.95 0.00	25.95 0.99 0.00	31.82 1.27 0.00	29.49 1.43 0.00	28.86 1.56 0.00	30.44 1.67 0.00	31.83 1.71 -0.20	32.54 1.68 -0.11	30.74 1.56 -0.04	32.20 1.70 0.00	29.63 1.57 -0.51	35.06 1.72 0.00	38.41 1.76 0.00	36.24 1.69 0.00	38.14 1.72 0.00	41.32 2.02 0.00	40.03 1.92 0.00	35.87 1.57 0.00	32.29 1.40 0.00	31.43 1.24 0.00
NEG NORTH_FLCN_SEA 23793	28.88 0.45 0.00	25.63 0.43 0.00	25.81 0.36 0.00	25.05 0.34 0.00	25.31 0.32 0.00	25.26 0.31 0.00	31.03 0.49 0.00	28.59 0.53 0.00	27.67 0.37 0.00	29.05 0.27 0.00	30.14 0.21 0.00	30.95 0.20 0.00	29.35 0.21 0.00	30.81 0.32 0.00	27.79 0.24 0.00	33.93 0.59 0.00	37.51 0.86 0.00	34.57 0.02 0.00	36.47 0.05 0.00	40.13 0.83 0.00	39.35 1.23 0.00	36.06 1.75 0.00	32.43 1.55 0.00	31.86 1.66 0.00
NEG NORTH_KES_CHATEGAY 23792	28.79 0.37 0.00	25.55 0.35 0.00	25.75 0.29 0.00	25.00 0.29 0.00	25.25 0.26 0.00	25.20 0.25 0.00	30.94 0.39 0.00	28.39 0.33 0.00	27.47 0.17 0.00	28.91 0.13 0.00	29.98 0.06 0.00	30.74 -0.01 0.00	29.08 -0.06 0.00	30.43 -0.07 0.00	27.48 -0.07 0.00	33.47 0.13 0.00	37.01 0.36 0.00	34.53 -0.02 0.00	36.48 0.07 0.00	39.68 0.38 0.00	38.68 0.57 0.00	35.19 0.89 0.00	31.71 0.82 0.00	31.14 0.95 0.00
NEG NORTH___ALICE_FALLS 23915	29.03 0.61 0.00	25.77 0.57 0.00	25.94 0.48 0.00	25.17 0.46 0.00	25.43 0.44 0.00	25.39 0.43 0.00	31.21 0.67 0.00	28.74 0.67 0.00	27.82 0.52 0.00	29.20 0.42 0.00	30.28 0.36 0.00	31.08 0.33 0.00	29.46 0.31 0.00	30.91 0.41 0.00	27.89 0.34 0.00	34.04 0.69 0.00	37.68 1.03 0.00	34.88 0.33 0.00	36.83 0.41 0.00	40.40 1.10 0.00	39.50 1.38 0.00	36.10 1.80 0.00	32.46 1.57 0.00	31.87 1.67 0.00
NEG NORTH___LWR_SARANAC 23913	29.03 0.61 0.00	25.77 0.57 0.00	25.94 0.48 0.00	25.17 0.46 0.00	25.43 0.44 0.00	25.39 0.43 0.00	31.21 0.67 0.00	28.74 0.67 0.00	27.82 0.52 0.00	29.20 0.42 0.00	30.28 0.36 0.00	31.08 0.33 0.00	29.46 0.31 0.00	30.91 0.41 0.00	27.89 0.34 0.00	34.04 0.69 0.00	37.68 1.03 0.00	34.88 0.33 0.00	36.83 0.41 0.00	40.40 1.10 0.00	39.50 1.38 0.00	36.10 1.80 0.00	32.46 1.57 0.00	31.87 1.67 0.00
NEG NORTH___PLATTSBURG 23628	29.03 0.61 0.00	25.77 0.57 0.00	25.94 0.48 0.00	25.17 0.46 0.00	25.43 0.44 0.00	25.39 0.43 0.00	31.21 0.67 0.00	28.73 0.67 0.00	27.82 0.51 0.00	29.20 0.42 0.00	30.28 0.36 0.00	31.08 0.33 0.00	29.46 0.31 0.00	30.91 0.41 0.00	27.89 0.34 0.00	34.04 0.69 0.00	37.68 1.03 0.00	34.88 0.33 0.00	36.83 0.41 0.00	40.40 1.10 0.00	39.49 1.38 0.00	36.10 1.80 0.00	32.46 1.57 0.00	31.86 1.67 0.00
NEG WEST_LEA_LOCKPORT 23791	27.69 -0.73 0.00	24.20 -1.00 0.00	24.55 -0.91 0.00	23.73 -0.98 0.00	23.92 -1.07 0.00	24.02 -0.93 0.00	29.72 -0.83 0.00	26.95 -1.11 0.00	26.18 -1.12 0.00	28.00 -0.77 0.00	29.46 -0.46 0.00	30.86 0.11 0.00	29.43 0.29 0.00	30.54 0.04 0.00	26.98 -0.57 0.00	32.57 -0.78 -0.01	36.04 -0.61 0.00	34.26 -0.29 0.00	36.40 -0.02 0.00	38.53 -0.77 0.00	37.19 -0.92 0.00	33.98 -0.32 0.00	30.58 -0.31 0.00	29.68 -0.51 0.00
NEG WEST___LANCASTR 23811	28.77 0.34 0.00	25.20 0.00 0.00	25.54 0.09 0.00	24.73 0.02 0.00	24.96 -0.03 0.00	25.01 0.05 0.00	30.99 0.44 0.00	28.32 0.26 0.00	27.52 0.22 0.00	29.40 0.62 0.00	30.88 0.95 0.00	32.21 1.46 0.00	30.60 1.46 0.00	31.77 1.27 0.00	28.25 0.70 0.00	33.97 0.61 -0.02	37.66 1.01 0.00	35.77 1.22 0.00	38.00 1.58 0.00	40.32 1.02 0.00	38.85 0.74 0.00	35.33 1.03 0.00	31.71 0.82 0.00	30.74 0.55 0.00
NEG_PENN_ALLEGHNY 23528	28.49 0.07 0.00	25.20 0.00 0.00	25.51 0.06 0.00	24.77 0.06 0.00	25.06 0.07 0.00	25.03 0.08 0.00	30.89 0.34 0.00	28.49 0.43 0.00	27.75 0.45 0.00	29.28 0.50 0.00	30.52 0.60 0.00	31.54 0.79 0.00	29.88 0.73 0.00	31.19 0.69 0.00	28.12 0.57 0.00	33.97 0.62 0.00	37.36 0.71 0.00	35.27 0.73 0.00	37.35 0.93 0.00	40.20 0.90 0.00	38.87 0.76 0.00	34.97 0.67 0.00	31.42 0.53 0.00	30.57 0.37 0.00
NEG___GEN_MONROE 24207	28.25 -0.18 0.00	24.78 -0.42 0.00	25.08 -0.38 0.00	24.27 -0.44 0.00	24.49 -0.50 0.00	24.58 -0.38 0.00	30.40 -0.14 0.00	27.76 -0.30 0.00	26.95 -0.35 0.00	28.62 -0.15 0.00	29.95 0.02 0.00	31.19 0.44 0.00	29.78 0.64 0.00	30.98 0.48 0.00	27.67 0.12 0.00	33.35 0.00 0.00	37.02 0.37 0.00	35.07 0.52 0.00	37.26 0.84 0.00	39.73 0.43 0.00	38.38 0.26 0.00	34.75 0.45 0.00	31.17 0.28 0.00	30.22 0.03 0.00

NEPA___ENERGY 23901	28.04 -0.38 0.00	24.64 -0.56 0.00	24.97 -0.48 0.00	24.20 -0.51 0.00	24.48 -0.51 0.00	24.41 -0.54 0.00	30.44 -0.11 0.00	28.09 0.03 0.00	27.33 0.02 0.00	29.10 0.32 0.00	30.62 0.70 0.00	31.96 1.21 0.00	30.30 1.16 0.00	31.51 1.01 0.00	28.22 0.67 0.00	34.08 0.72 -0.02	37.60 0.95 0.00	35.71 1.16 0.00	37.99 1.57 0.00	40.41 1.10 0.00	38.81 0.69 0.00	35.20 0.90 0.00	31.51 0.61 0.00	30.53 0.33 0.00
NEVERSink___HYD 23608	28.55 0.13 0.00	25.31 0.10 0.00	25.51 0.05 0.00	24.79 0.08 0.00	25.08 0.09 0.00	25.08 0.13 0.00	30.78 0.24 0.00	28.51 0.45 0.00	27.87 0.57 0.00	29.39 0.61 0.00	30.71 0.64 -0.14	31.35 0.52 -0.07	29.59 0.42 -0.03	31.01 0.51 0.00	27.57 0.52 0.50	33.73 0.39 0.00	36.95 0.31 0.00	34.90 0.35 0.00	36.88 0.46 0.00	39.97 0.67 0.00	38.71 0.59 0.00	34.69 0.39 0.00	31.23 0.34 0.00	30.39 0.20 0.00
NEWKRMKL_115KV_TB1 55635	28.67 0.25 0.00	25.44 0.24 0.00	25.72 0.27 0.00	24.94 0.23 0.00	25.24 0.25 0.00	25.23 0.28 0.00	30.73 0.19 0.00	28.33 0.26 0.00	27.58 0.28 0.00	29.01 0.23 0.00	29.86 0.15 0.21	30.76 0.11 0.11	29.27 0.17 0.04	30.76 0.26 0.00	28.14 0.29 -0.30	33.79 0.44 0.00	36.99 0.34 0.00	34.85 0.30 0.00	36.65 0.23 0.00	39.78 0.48 0.00	38.60 0.49 0.00	34.62 0.32 0.00	31.13 0.24 0.00	30.39 0.20 0.00
NEWTON___FALLS_HYD 23847	29.26 0.84 0.00	25.97 0.77 0.00	26.15 0.70 0.00	25.35 0.64 0.00	25.60 0.62 0.00	25.65 0.70 0.00	31.61 1.06 0.00	28.95 0.89 0.00	27.99 0.69 0.00	29.29 0.51 0.00	30.31 0.39 0.00	31.06 0.31 0.00	29.36 0.22 0.00	30.80 0.30 0.00	27.94 0.39 0.00	34.15 0.80 0.00	37.75 1.10 0.00	35.63 1.08 0.00	37.84 1.42 0.00	40.74 1.44 0.00	39.48 1.36 0.00	35.52 1.22 0.00	31.92 1.03 0.00	31.18 0.99 0.00
NGRID_A1_DSASP 323792	27.23 -1.19 0.00	23.81 -1.39 0.00	24.16 -1.30 0.00	23.35 -1.36 0.00	23.51 -1.48 0.00	23.61 -1.34 0.00	29.19 -1.36 0.00	26.41 -1.65 0.00	25.64 -1.66 0.00	27.47 -1.31 0.00	28.92 -1.00 0.00	30.36 -0.39 0.00	28.87 -0.27 0.00	29.87 -0.63 0.00	26.42 -1.14 0.00	31.67 -1.69 -0.01	35.22 -1.43 0.00	33.52 -1.03 0.00	35.59 -0.83 0.00	37.62 -1.68 0.00	36.31 -1.81 0.00	33.24 -1.06 0.00	29.97 -0.92 0.00	29.08 -1.11 0.00
NGRID_A2_DSASP 323793	27.23 -1.19 0.00	23.81 -1.39 0.00	24.16 -1.30 0.00	23.35 -1.36 0.00	23.51 -1.48 0.00	23.61 -1.34 0.00	29.19 -1.36 0.00	26.41 -1.65 0.00	25.64 -1.66 0.00	27.47 -1.31 0.00	28.92 -1.00 0.00	30.36 -0.39 0.00	28.87 -0.27 0.00	29.87 -0.63 0.00	26.42 -1.14 0.00	31.67 -1.69 -0.01	35.22 -1.43 0.00	33.52 -1.03 0.00	35.59 -0.83 0.00	37.62 -1.68 0.00	36.31 -1.81 0.00	33.24 -1.06 0.00	29.97 -0.92 0.00	29.08 -1.11 0.00
NGRID_A4_DSASP 323807	27.23 -1.19 0.00	23.81 -1.39 0.00	24.16 -1.30 0.00	23.35 -1.36 0.00	23.51 -1.48 0.00	23.61 -1.34 0.00	29.19 -1.36 0.00	26.41 -1.65 0.00	25.64 -1.66 0.00	27.47 -1.31 0.00	28.92 -1.00 0.00	30.36 -0.39 0.00	28.87 -0.27 0.00	29.87 -0.63 0.00	26.42 -1.14 0.00	31.67 -1.69 -0.01	35.22 -1.43 0.00	33.52 -1.03 0.00	35.59 -0.83 0.00	37.62 -1.68 0.00	36.31 -1.81 0.00	33.24 -1.06 0.00	29.97 -0.92 0.00	29.08 -1.11 0.00
NIAGARA_115E_LBMP 323715	27.23 -1.19 0.00	23.80 -1.40 0.00	24.14 -1.32 0.00	23.34 -1.37 0.00	23.52 -1.47 0.00	23.60 -1.35 0.00	29.18 -1.37 0.00	26.39 -1.67 0.00	25.65 -1.65 0.00	27.45 -1.33 0.00	28.90 -1.02 0.00	30.32 -0.43 0.00	28.85 -0.29 0.00	29.86 -0.64 0.00	26.41 -1.14 0.00	31.74 -1.61 -0.01	35.23 -1.42 0.00	33.51 -1.04 0.00	35.58 -0.84 0.00	37.62 -1.68 0.00	36.33 -1.78 0.00	33.27 -1.03 0.00	29.97 -0.92 0.00	29.16 -1.04 0.00
NIAGARA_115W_LBMP 323714	27.18 -1.25 0.00	23.76 -1.44 0.00	24.10 -1.35 0.00	23.30 -1.41 0.00	23.47 -1.52 0.00	23.56 -1.39 0.00	29.13 -1.42 0.00	26.35 -1.71 0.00	25.58 -1.72 0.00	27.41 -1.36 0.00	28.85 -1.07 0.00	30.30 -0.45 0.00	28.80 -0.33 0.00	29.80 -0.70 0.00	26.35 -1.20 0.00	31.59 -1.77 -0.01	35.14 -1.51 0.00	33.44 -1.12 0.00	35.50 -0.92 0.00	37.53 -1.77 0.00	36.22 -1.89 0.00	33.15 -1.15 0.00	29.90 -0.99 0.00	29.02 -1.17 0.00
NIAGARA_230_LBMP 323716	27.38 -1.05 0.00	23.95 -1.25 0.00	24.29 -1.16 0.00	23.48 -1.23 0.00	23.66 -1.33 0.00	23.75 -1.20 0.00	29.35 -1.19 0.00	26.60 -1.46 0.00	25.82 -1.48 0.00	27.64 -1.14 0.00	29.08 -0.84 0.00	30.50 -0.25 0.00	29.00 -0.14 0.00	30.02 -0.48 0.00	26.58 -0.97 0.00	31.91 -1.43 0.01	35.46 -1.19 0.00	33.71 -0.84 0.00	35.80 -0.62 0.00	37.90 -1.40 0.00	36.59 -1.53 0.00	33.43 -0.87 0.00	30.13 -0.76 0.00	29.26 -0.94 0.00
NIAGARA___115KV_198_GIBSON 55903	27.17 -1.25 0.00	23.76 -1.44 0.00	24.11 -1.35 0.00	23.30 -1.41 0.00	23.46 -1.53 0.00	23.56 -1.39 0.00	29.13 -1.42 0.00	26.35 -1.71 0.00	25.58 -1.72 0.00	27.42 -1.36 0.00	28.85 -1.08 0.00	30.24 -0.51 0.00	28.80 -0.34 0.00	29.80 -0.70 0.00	26.35 -1.20 0.00	31.59 -1.77 -0.01	35.14 -1.51 0.00	33.44 -1.11 0.00	35.50 -0.92 0.00	37.53 -1.77 0.00	36.23 -1.88 0.00	33.15 -1.15 0.00	29.90 -0.99 0.00	29.02 -1.18 0.00
NIAGARA___ 23760	27.38 -1.05 0.00	23.95 -1.25 0.00	24.29 -1.16 0.00	23.48 -1.23 0.00	23.66 -1.33 0.00	23.75 -1.20 0.00	29.35 -1.19 0.00	26.60 -1.46 0.00	25.82 -1.48 0.00	27.64 -1.14 0.00	29.08 -0.84 0.00	30.50 -0.25 0.00	29.00 -0.14 0.00	30.02 -0.48 0.00	26.58 -0.97 0.00	31.92 -1.43 0.00	35.46 -1.19 0.00	33.71 -0.84 0.00	35.80 -0.62 0.00	37.90 -1.40 0.00	36.59 -1.53 0.00	33.43 -0.87 0.00	30.13 -0.76 0.00	29.26 -0.94 0.00
NINE_MILE_1 23575	27.69 -0.73 0.00	24.54 -0.66 0.00	24.79 -0.67 0.00	24.07 -0.64 0.00	24.33 -0.66 0.00	24.30 -0.65 0.00	29.80 -0.74 0.00	27.39 -0.67 0.00	26.64 -0.66 0.00	28.11 -0.67 0.00	29.26 -0.67 0.00	30.16 -0.59 0.00	28.61 -0.53 0.00	29.92 -0.58 0.00	26.99 -0.56 0.00	32.65 -0.69 0.00	35.92 -0.73 0.00	33.81 -0.74 0.00	35.74 -0.68 0.00	38.48 -0.82 0.00	37.28 -0.84 0.00	33.55 -0.75 0.00	30.19 -0.70 0.00	29.43 -0.77 0.00
NINE_MILE_2 23744	27.69 -0.73 0.00	24.54 -0.66 0.00	24.79 -0.67 0.00	24.07 -0.64 0.00	24.34 -0.65 0.00	24.31 -0.64 0.00	29.81 -0.74 0.00	27.40 -0.66 0.00	26.65 -0.65 0.00	28.11 -0.67 0.00	29.26 -0.66 0.00	30.16 -0.59 0.00	28.61 -0.53 0.00	29.92 -0.58 0.00	27.00 -0.55 0.00	32.65 -0.69 0.00	35.92 -0.73 0.00	33.81 -0.74 0.00	35.74 -0.68 0.00	38.48 -0.82 0.00	37.28 -0.84 0.00	33.56 -0.74 0.00	30.19 -0.69 0.00	29.43 -0.76 0.00
NM_CAPITAL___DRP 24208	28.73 0.31 0.00	25.49 0.29 0.00	25.77 0.31 0.00	24.98 0.27 0.00	25.29 0.30 0.00	25.26 0.32 0.00	30.76 0.22 0.00	28.35 0.28 0.00	27.60 0.30 0.00	29.04 0.26 0.00	29.86 0.15 0.22	30.76 0.12 0.11	29.28 0.17 0.04	30.77 0.27 0.00	28.16 0.30 -0.31	33.79 0.44 0.00	36.98 0.33 0.00	34.82 0.27 0.00	36.62 0.20 0.00	39.77 0.47 0.00	38.61 0.49 0.00	34.63 0.33 0.00	31.15 0.26 0.00	30.42 0.23 0.00

NM_CENTRAL___DRP 24181	28.23 -0.19 0.00	24.98 -0.22 0.00	25.24 -0.22 0.00	24.49 -0.22 0.00	24.78 -0.21 0.00	24.76 -0.19 0.00	30.43 -0.11 0.00	28.00 -0.06 0.00	27.24 -0.06 0.00	28.72 -0.05 0.00	29.93 0.00 0.00	30.90 0.15 0.00	29.32 0.17 0.00	30.67 0.17 0.00	27.67 0.12 0.00	33.45 0.10 0.00	36.78 0.13 0.00	34.65 0.10 0.00	36.63 0.21 0.00	39.42 0.13 0.00	38.15 0.04 0.00	34.31 0.01 0.00	30.87 -0.01 0.00	30.05 -0.15 0.00
NM_FRONTIER___DRP 24179	27.17 -1.25 0.00	23.76 -1.44 0.00	24.11 -1.35 0.00	23.30 -1.41 0.00	23.46 -1.53 0.00	23.56 -1.39 0.00	29.13 -1.42 0.00	26.35 -1.71 0.00	25.58 -1.72 0.00	27.42 -1.36 0.00	28.85 -1.08 0.00	30.24 -0.51 0.00	28.80 -0.34 0.00	29.80 -0.70 0.00	26.35 -1.20 0.00	31.59 -1.77 -0.01	35.14 -1.51 0.00	33.44 -1.11 0.00	35.50 -0.92 0.00	37.53 -1.77 0.00	36.23 -1.88 0.00	33.15 -1.15 0.00	29.90 -0.99 0.00	29.02 -1.18 0.00
NM_ST_REGIS___HYD 24053	28.94 0.52 0.00	25.73 0.53 0.00	25.90 0.44 0.00	25.13 0.42 0.00	25.38 0.39 0.00	25.35 0.40 0.00	31.16 0.62 0.00	28.53 0.47 0.00	27.57 0.27 0.00	28.99 0.21 0.00	30.04 0.12 0.00	30.77 0.02 0.00	29.07 -0.07 0.00	30.39 -0.11 0.00	27.51 -0.04 0.00	33.54 0.20 0.00	37.05 0.40 0.00	34.78 0.23 0.00	36.82 0.41 0.00	39.73 0.43 0.00	38.64 0.53 0.00	34.95 0.64 0.00	31.49 0.61 0.00	30.92 0.72 0.00
NORTHPORT___1 23551	54.31 0.91 -24.98	27.62 0.97 -1.45	26.35 0.89 0.00	25.63 0.92 0.00	26.00 1.01 0.00	26.04 1.05 -0.03	61.14 1.40 -29.19	67.82 1.54 -38.21	32.96 1.64 -4.02	30.48 1.59 -0.11	32.40 1.72 -0.76	32.53 1.57 -0.21	32.68 1.58 -1.96	32.88 1.61 -0.77	33.73 1.54 -4.64	34.48 1.13 0.00	37.26 0.61 0.00	35.31 0.76 0.00	36.87 0.45 0.00	40.30 1.00 0.00	39.10 0.99 0.00	35.15 0.85 0.00	32.17 1.22 -0.06	31.61 1.18 -0.23
NORTHPORT___2 23552	54.31 0.91 -24.98	27.62 0.97 -1.45	26.35 0.89 0.00	25.63 0.92 0.00	26.00 1.01 0.00	26.04 1.05 -0.03	61.14 1.40 -29.19	67.82 1.54 -38.21	32.96 1.64 -4.02	30.48 1.59 -0.11	32.40 1.72 -0.76	32.53 1.57 -0.21	32.68 1.58 -1.96	32.88 1.61 -0.77	33.73 1.54 -4.64	34.48 1.13 0.00	37.26 0.61 0.00	35.31 0.76 0.00	36.87 0.45 0.00	40.30 1.00 0.00	39.10 0.99 0.00	35.15 0.85 0.00	32.17 1.22 -0.06	31.61 1.18 -0.23
NORTHPORT___3 23553	54.41 1.01 -24.98	27.72 1.07 -1.45	26.45 0.99 0.00	25.71 1.00 0.00	26.06 1.08 0.00	26.14 1.15 -0.03	61.24 1.50 -29.19	67.92 1.65 -38.21	33.08 1.76 -4.02	30.61 1.72 -0.11	32.48 1.80 -0.76	32.62 1.67 -0.21	32.74 1.64 -1.96	32.97 1.70 -0.77	33.81 1.61 -4.64	34.61 1.27 0.00	37.44 0.80 0.00	35.43 0.88 0.00	37.05 0.64 0.01	40.42 1.12 0.00	39.22 1.11 0.00	35.23 0.93 0.00	32.20 1.26 -0.06	31.65 1.23 -0.23
NORTHPORT___4 23650	54.41 1.01 -24.98	27.72 1.07 -1.45	26.45 0.99 0.00	25.71 1.00 0.00	26.06 1.08 0.00	26.14 1.15 -0.03	61.24 1.50 -29.19	67.92 1.65 -38.21	33.08 1.76 -4.02	30.61 1.72 -0.11	32.48 1.80 -0.76	32.62 1.67 -0.21	32.74 1.64 -1.96	32.97 1.70 -0.77	33.81 1.61 -4.64	34.61 1.27 0.00	37.44 0.80 0.00	35.43 0.88 0.00	37.05 0.64 0.01	40.42 1.12 0.00	39.22 1.11 0.00	35.23 0.93 0.00	32.20 1.26 -0.06	31.65 1.23 -0.23
NORTHPORT___IC 23718	54.31 0.91 -24.98	27.62 0.97 -1.45	26.35 0.89 0.00	25.63 0.91 0.00	26.00 1.01 0.00	26.04 1.05 -0.03	61.13 1.40 -29.19	67.82 1.54 -38.21	32.96 1.64 -4.02	30.48 1.59 -0.11	32.42 1.74 -0.76	32.56 1.60 -0.21	32.68 1.58 -1.96	32.88 1.61 -0.77	33.73 1.54 -4.64	34.49 1.14 0.00	37.26 0.61 0.00	35.30 0.75 0.00	36.87 0.45 0.00	40.31 1.00 0.00	39.10 0.98 0.00	35.15 0.85 0.00	32.17 1.22 -0.06	31.61 1.19 -0.23
NORTH___COUNTRY_ESR 323785	28.72 0.30 0.00	25.52 0.32 0.00	25.71 0.25 0.00	24.95 0.24 0.00	25.20 0.21 0.00	25.15 0.20 0.00	30.87 0.32 0.00	28.32 0.25 0.00	27.42 0.12 0.00	28.87 0.09 0.00	29.97 0.05 0.00	30.74 -0.02 0.00	29.07 -0.07 0.00	30.42 -0.08 0.00	27.48 -0.07 0.00	33.46 0.12 0.00	36.99 0.34 0.00	34.48 -0.07 0.00	36.38 -0.03 0.00	39.54 0.24 0.00	38.56 0.45 0.00	35.06 0.76 0.00	31.61 0.72 0.00	31.04 0.85 0.00
NPX_GEN_1385_PROXY 323591	54.36 0.96 -24.98	26.96 0.32 -1.45	25.68 0.22 0.00	24.98 0.27 0.00	25.48 0.49 0.00	25.40 0.42 -0.03	60.83 1.09 -29.19	67.52 1.25 -38.21	20.19 0.84 7.95	7.29 0.74 22.22	14.50 0.84 16.26	31.71 0.75 -0.21	32.23 1.14 -1.96	32.49 1.21 -0.77	33.18 0.98 -4.64	34.46 1.12 0.00	36.87 0.22 0.00	35.00 0.45 0.00	36.33 -0.09 0.00	39.99 0.69 0.00	39.06 0.95 0.00	35.15 0.85 0.00	32.17 1.22 -0.06	31.60 1.17 -0.23
NPX_GEN_CSC 323557	54.06 0.67 -24.98	27.42 0.78 -1.45	26.14 0.68 0.00	25.41 0.70 0.00	25.78 0.79 0.00	25.84 0.86 -0.03	60.87 1.13 -29.19	67.63 1.36 -38.21	32.82 1.50 -4.02	30.37 1.48 -0.11	32.29 1.61 -0.76	32.40 1.45 -0.21	32.54 1.44 -1.96	32.74 1.47 -0.77	33.57 1.38 -4.64	34.33 0.98 0.00	37.15 0.50 0.00	35.25 0.70 0.00	36.86 0.44 0.00	40.40 1.09 0.00	39.06 0.95 0.00	35.02 0.72 0.00	31.94 0.99 -0.06	31.31 0.88 -0.23
NSINS_S___GLNS_FALLS 23858	29.77 1.35 0.00	26.22 1.02 0.00	26.45 1.00 0.00	25.66 0.95 0.00	26.20 1.22 0.00	26.39 1.44 0.00	32.33 1.78 0.00	29.82 1.76 0.00	29.01 1.71 0.00	30.30 1.53 0.23	31.11 1.42 0.12	32.12 1.49 0.04	30.74 1.64 0.00	32.35 1.84 0.00	29.56 1.71 -0.29	35.72 2.37 0.00	39.26 2.61 0.00	36.94 2.39 0.00	38.96 2.54 0.00	42.42 3.12 0.00	40.77 2.66 0.00	36.52 2.22 0.00	32.74 1.85 0.00	31.96 1.76 0.00
NUCOR_STEEL___DRP 24197	28.54 0.12 0.00	25.24 0.04 0.00	25.50 0.05 0.00	24.77 0.06 0.00	24.92 -0.07 0.00	24.90 -0.05 0.00	30.64 0.09 0.00	28.17 0.11 0.00	27.39 0.09 0.00	28.89 0.12 0.00	30.08 0.15 0.00	31.08 0.32 0.00	29.48 0.34 0.00	30.80 0.30 0.00	27.79 0.24 0.00	33.58 0.23 0.00	36.99 0.35 0.00	34.90 0.35 0.00	36.94 0.52 0.00	39.72 0.42 0.00	38.41 0.29 0.00	34.56 0.26 0.00	31.05 0.17 0.00	30.21 0.02 0.00
NUMBER_THREE_WT_PWR 323818	29.59 1.17 0.00	26.21 1.01 0.00	26.41 0.95 0.00	25.58 0.87 0.00	25.83 0.85 0.00	25.94 0.98 0.00	32.01 1.47 0.00	29.36 1.30 0.00	28.42 1.12 0.00	29.65 0.88 0.00	30.67 0.75 0.00	31.48 0.73 0.00	29.81 0.67 0.00	31.33 0.83 0.00	28.48 0.93 0.00	34.77 1.42 0.00	38.48 1.83 0.00	36.43 1.88 0.00	38.71 2.29 0.00	41.66 2.36 0.00	40.30 2.19 0.00	36.16 1.86 0.00	32.43 1.54 0.00	31.56 1.37 0.00
NYISO_LBMP_REFERENCE 24008	28.42 0.00 0.00	25.20 0.00 0.00	25.45 0.00 0.00	24.71 0.00 0.00	24.99 0.00 0.00	24.95 0.00 0.00	30.54 0.00 0.00	28.06 0.00 0.00	27.30 0.00 0.00	28.78 0.00 0.00	29.92 0.00 0.00	30.75 0.00 0.00	29.14 0.00 0.00	30.50 0.00 0.00	27.55 0.00 0.00	33.35 0.00 0.00	36.65 0.00 0.00	34.55 0.00 0.00	36.42 0.00 0.00	39.30 0.00 0.00	38.11 0.00 0.00	34.30 0.00 0.00	30.89 0.00 0.00	30.20 0.00 0.00

NYPA_BRENTWD____GT 24164	54.65 1.25 -24.98	27.92 1.28 -1.45	26.65 1.19 0.00	25.91 1.20 0.00	26.27 1.28 0.00	26.33 1.35 -0.03	61.52 1.78 -29.19	68.20 1.92 -38.21	33.37 2.05 -4.02	30.94 2.06 -0.11	32.88 2.21 -0.76	33.02 2.06 -0.21	33.14 2.04 -1.96	33.36 2.09 -0.77	34.18 1.98 -4.64	35.06 1.71 0.00	37.96 1.31 0.00	36.01 1.46 0.00	37.69 1.27 0.00	41.16 1.86 0.00	39.87 1.76 0.00	35.81 1.51 0.00	32.68 1.73 -0.06	32.05 1.63 -0.23
NYPA_GOWANUS____GT5 24156	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1064.35 2.21 -1025.49	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
NYPA_GOWANUS____GT6 24157	29.71 1.28 0.00	26.36 1.16 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.06 -0.24	32.92 2.04 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.88 -1.59	35.40 2.05 0.00	1064.35 2.21 -1025.49	36.42 1.87 0.00	38.23 1.81 0.00	41.40 2.10 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00
NYPA_HARLEM__RVR__GT1 24160	29.61 1.19 0.00	26.30 1.10 0.00	26.42 0.96 0.00	25.78 1.07 0.00	26.07 1.08 0.00	26.10 1.15 0.00	31.96 1.41 0.00	29.67 1.61 0.00	29.07 1.77 0.00	30.66 1.88 0.00	32.08 1.92 -0.24	32.75 1.88 -0.12	30.93 1.75 -0.04	32.37 1.87 0.00	30.86 1.72 -1.59	35.18 1.84 0.00	38.53 1.88 0.00	36.22 1.67 0.00	38.04 1.62 0.00	41.23 1.93 0.00	40.03 1.91 0.00	35.92 1.62 0.00	32.38 1.50 0.00	31.49 1.30 0.00
NYPA_HARLEM__RVR__GT2 24161	29.61 1.19 0.00	26.30 1.10 0.00	26.42 0.96 0.00	25.78 1.07 0.00	26.07 1.08 0.00	26.10 1.15 0.00	31.96 1.41 0.00	29.67 1.61 0.00	29.07 1.77 0.00	30.66 1.88 0.00	32.08 1.92 -0.24	32.75 1.88 -0.12	30.93 1.75 -0.04	32.37 1.87 0.00	30.86 1.72 -1.59	35.18 1.84 0.00	38.53 1.88 0.00	36.22 1.67 0.00	38.04 1.62 0.00	41.23 1.93 0.00	40.03 1.91 0.00	35.92 1.62 0.00	32.38 1.50 0.00	31.49 1.30 0.00
NYPA_KENT____GT 24152	29.66 1.24 0.00	26.31 1.12 0.00	26.46 1.00 0.00	25.77 1.06 0.00	26.07 1.08 0.00	26.11 1.16 0.00	32.01 1.46 0.00	29.73 1.67 0.00	29.15 1.85 0.00	30.76 1.99 0.00	32.18 2.02 -0.24	32.86 1.99 -0.12	31.05 1.87 -0.04	32.49 1.99 0.00	30.96 1.82 -1.59	35.34 2.00 0.00	1182.03 2.09 -1143.30	36.34 1.79 0.00	38.15 1.73 0.00	41.32 2.02 0.00	40.12 2.01 0.00	36.02 1.72 0.00	32.47 1.58 0.00	31.58 1.39 0.00
NYPA_POUCH1____GT 24155	29.67 1.25 0.00	26.33 1.13 0.00	26.47 1.01 0.00	25.76 1.05 0.00	26.07 1.08 0.00	26.11 1.16 0.00	32.01 1.46 0.00	29.71 1.65 0.00	29.11 1.81 0.00	28.11 1.94 2.61	32.11 1.96 -0.23	31.92 1.95 0.78	30.16 1.84 0.82	32.44 1.95 0.01	24.48 1.80 4.87	35.25 1.97 0.06	13.63 2.07 25.09	36.35 1.80 0.00	38.13 1.72 0.00	40.94 1.97 0.33	40.12 2.01 0.00	36.04 1.74 0.00	32.47 1.58 0.00	31.58 1.39 0.00
NYPA_VERNON____GT2 24162	29.62 1.20 0.00	26.29 1.09 0.00	26.42 0.97 0.00	25.76 1.05 0.00	26.05 1.06 0.00	26.09 1.14 0.00	31.96 1.42 0.00	29.69 1.63 0.00	29.11 1.81 0.00	30.72 1.94 0.00	32.13 1.98 -0.24	32.80 1.92 -0.12	30.99 1.81 -0.04	32.44 1.94 0.00	30.92 1.78 -1.59	35.27 1.93 0.00	87.87 1.98 -49.24	36.30 1.76 0.00	38.12 1.70 0.00	41.24 1.94 0.00	40.02 1.90 0.00	35.94 1.64 0.00	32.41 1.52 0.00	31.53 1.33 0.00
NYPA_VERNON____GT3 24163	29.62 1.20 0.00	26.29 1.09 0.00	26.42 0.97 0.00	25.76 1.05 0.00	26.05 1.06 0.00	26.09 1.14 0.00	31.96 1.42 0.00	29.69 1.63 0.00	29.11 1.81 0.00	30.72 1.94 0.00	32.13 1.98 -0.24	32.80 1.92 -0.12	30.99 1.81 -0.04	32.44 1.94 0.00	30.92 1.78 -1.59	35.27 1.93 0.00	87.87 1.98 -49.24	36.30 1.76 0.00	38.12 1.70 0.00	41.24 1.94 0.00	40.02 1.90 0.00	35.94 1.64 0.00	32.41 1.52 0.00	31.53 1.33 0.00
NYPA__ASTORIA_CC1 323568	29.58 1.16 0.00	26.25 1.05 0.00	26.39 0.93 0.00	25.73 1.02 0.00	26.03 1.04 0.00	26.07 1.12 0.00	31.92 1.38 0.00	29.65 1.59 0.00	29.07 1.77 0.00	30.67 1.90 0.00	32.08 1.93 -0.24	32.76 1.89 -0.12	30.95 1.77 -0.04	32.39 1.89 0.00	30.88 1.74 -1.59	35.22 1.88 0.00	38.57 1.92 0.00	36.26 1.71 0.00	38.06 1.65 0.00	41.20 1.90 0.00	39.98 1.86 0.00	35.90 1.60 0.00	32.37 1.48 0.00	31.48 1.29 0.00
NYPA__ASTORIA_CC2 323569	29.58 1.16 0.00	26.25 1.05 0.00	26.39 0.93 0.00	25.73 1.02 0.00	26.03 1.04 0.00	26.07 1.12 0.00	31.92 1.38 0.00	29.65 1.59 0.00	29.07 1.77 0.00	30.67 1.90 0.00	32.08 1.93 -0.24	32.76 1.89 -0.12	30.95 1.77 -0.04	32.39 1.89 0.00	30.88 1.74 -1.59	35.22 1.88 0.00	38.57 1.92 0.00	36.26 1.71 0.00	38.06 1.65 0.00	41.20 1.90 0.00	39.98 1.86 0.00	35.90 1.60 0.00	32.37 1.48 0.00	31.48 1.29 0.00
NYPA__HOLTSVILL 23794	54.34 0.94 -24.98	27.67 1.03 -1.45	26.39 0.93 0.00	25.66 0.95 0.00	26.02 1.04 0.00	26.08 1.10 -0.03	61.16 1.42 -29.19	67.88 1.60 -38.21	33.07 1.75 -4.02	30.63 1.75 -0.11	32.57 1.89 -0.76	32.70 1.74 -0.21	32.82 1.73 -1.96	33.04 1.77 -0.77	33.86 1.66 -4.64	34.70 1.35 0.00	37.54 0.90 0.00	35.58 1.03 0.00	37.20 0.78 0.00	40.71 1.41 0.00	39.43 1.31 0.00	35.40 1.10 0.00	32.32 1.37 -0.06	31.68 1.26 -0.23
NYPA__HELLGATE_GT1 24158	29.61 1.18 0.00	26.29 1.09 0.00	26.42 0.96 0.00	25.76 1.05 0.00	26.06 1.08 0.00	26.09 1.14 0.00	31.96 1.41 0.00	29.66 1.60 0.00	29.07 1.77 0.00	30.65 1.87 0.00	32.07 1.91 -0.24	32.74 1.86 -0.12	30.93 1.75 -0.04	32.37 1.87 0.00	30.86 1.72 -1.59	35.18 1.83 0.00	38.52 1.87 0.00	36.22 1.67 0.00	38.04 1.62 0.00	41.24 1.94 0.00	40.02 1.91 0.00	35.92 1.62 0.00	32.37 1.48 0.00	31.49 1.30 0.00
NYPA__HELLGATE_GT2 24159	29.61 1.18 0.00	26.29 1.09 0.00	26.42 0.96 0.00	25.76 1.05 0.00	26.06 1.08 0.00	26.09 1.14 0.00	31.96 1.41 0.00	29.66 1.60 0.00	29.07 1.77 0.00	30.65 1.87 0.00	32.07 1.91 -0.24	32.74 1.86 -0.12	30.93 1.75 -0.04	32.37 1.87 0.00	30.86 1.72 -1.59	35.18 1.83 0.00	38.52 1.87 0.00	36.22 1.67 0.00	38.04 1.62 0.00	41.24 1.94 0.00	40.02 1.91 0.00	35.92 1.62 0.00	32.37 1.48 0.00	31.49 1.30 0.00
NYS_BARGE__HYD 23848	27.71 -0.71 0.00	24.22 -0.98 0.00	24.56 -0.90 0.00	23.74 -0.97 0.00	23.92 -1.07 0.00	24.02 -0.93 0.00	29.74 -0.81 0.00	26.95 -1.11 0.00	26.19 -1.12 0.00	28.01 -0.76 0.00	29.47 -0.45 0.00	30.92 0.16 0.00	29.45 0.31 0.00	30.57 0.07 0.00	26.99 -0.56 0.00	32.61 -0.74 -0.01	36.07 -0.58 0.00	34.29 -0.25 0.00	36.42 0.01 0.00	38.55 -0.74 0.00	37.22 -0.89 0.00	34.00 -0.30 0.00	30.60 -0.29 0.00	29.70 -0.49 0.00

OAK ORCHARD___HYD 24046	28.04 -0.38 0.00	24.62 -0.58 0.00	24.91 -0.54 0.00	24.12 -0.59 0.00	24.35 -0.64 0.00	24.42 -0.53 0.00	30.16 -0.38 0.00	27.55 -0.51 0.00	26.75 -0.55 0.00	28.44 -0.34 0.00	29.79 -0.13 0.00	31.06 0.30 0.00	29.56 0.42 0.00	30.72 0.22 0.00	27.51 -0.05 0.00	33.07 -0.27 0.00	36.73 0.08 0.00	34.79 0.24 0.00	36.90 0.48 0.00	39.36 0.06 0.00	38.01 -0.10 0.00	34.41 0.11 0.00	30.90 0.01 0.00	29.97 -0.22 0.00
OAKDALE___35_KV_LOAD 356122	28.40 -0.02 0.00	25.14 -0.06 0.00	25.45 -0.01 0.00	24.70 -0.01 0.00	24.99 -0.01 0.00	24.96 0.01 0.00	30.78 0.24 0.00	28.38 0.32 0.00	27.63 0.33 0.00	29.15 0.37 0.00	30.39 0.47 0.00	31.38 0.63 0.00	29.73 0.59 0.00	31.07 0.57 0.00	28.01 0.46 0.00	33.84 0.50 0.00	37.22 0.57 0.00	35.14 0.59 0.00	37.18 0.76 0.00	40.03 0.73 0.00	38.71 0.59 0.00	34.83 0.53 0.00	31.30 0.42 0.00	30.46 0.26 0.00
OCC_CHEM___DRP 24175	27.23 -1.19 0.00	23.81 -1.39 0.00	24.15 -1.30 0.00	23.35 -1.36 0.00	23.51 -1.48 0.00	23.61 -1.34 0.00	29.19 -1.36 0.00	26.41 -1.65 0.00	25.64 -1.66 0.00	27.47 -1.30 0.00	28.91 -1.02 0.00	30.31 -0.44 0.00	28.87 -0.27 0.00	29.87 -0.63 0.00	26.42 -1.14 0.00	31.67 -1.69 -0.01	35.22 -1.43 0.00	33.52 -1.03 0.00	35.59 -0.83 0.00	37.62 -1.68 0.00	36.31 -1.80 0.00	33.24 -1.06 0.00	29.96 -0.92 0.00	29.08 -1.12 0.00
OH_GEN_PROXY 24063	27.38 -1.04 0.00	23.96 -1.24 0.00	24.30 -1.15 0.00	23.50 -1.21 0.00	23.68 -1.31 0.00	23.76 -1.19 0.00	29.38 -1.17 0.00	26.66 -1.40 0.00	25.87 -1.43 0.00	27.68 -1.09 0.00	29.12 -0.80 0.00	30.54 -0.21 0.00	29.03 -0.11 0.00	30.06 -0.44 0.00	26.64 -0.91 0.00	31.99 -1.35 0.01	35.54 -1.11 0.00	33.79 -0.76 0.00	35.88 -0.54 0.00	38.00 -1.30 0.00	36.68 -1.43 0.00	33.49 -0.81 0.00	30.16 -0.73 0.00	29.28 -0.92 0.00
OLIN_CORP_DRP 24177	27.26 -1.16 0.00	23.84 -1.36 0.00	24.18 -1.28 0.00	23.38 -1.33 0.00	23.55 -1.44 0.00	23.64 -1.31 0.00	29.22 -1.32 0.00	26.44 -1.62 0.00	25.70 -1.60 0.00	27.50 -1.28 0.00	28.94 -0.98 0.00	30.32 -0.43 0.00	28.90 -0.27 0.00	29.91 -0.59 0.00	26.46 -1.09 0.00	31.81 -1.55 -0.01	35.29 -1.35 0.00	33.58 -0.97 0.00	35.65 -0.77 0.00	37.69 -1.60 0.00	36.40 -1.71 0.00	33.33 -0.97 0.00	30.02 -0.87 0.00	29.20 -1.00 0.00
OLIN_CORP_DSASP 323712	27.23 -1.19 0.00	23.81 -1.39 0.00	24.16 -1.30 0.00	23.35 -1.36 0.00	23.51 -1.48 0.00	23.61 -1.34 0.00	29.19 -1.36 0.00	26.41 -1.65 0.00	25.64 -1.66 0.00	27.47 -1.31 0.00	28.92 -1.00 0.00	30.36 -0.39 0.00	28.87 -0.27 0.00	29.87 -0.63 0.00	26.42 -1.14 0.00	31.67 -1.69 -0.01	35.22 -1.43 0.00	33.52 -1.03 0.00	35.59 -0.83 0.00	37.62 -1.68 0.00	36.31 -1.81 0.00	33.24 -1.06 0.00	29.97 -0.92 0.00	29.08 -1.11 0.00
ONEIDA_HERK_LFGE 323681	29.31 0.88 0.00	25.94 0.74 0.00	26.19 0.74 0.00	25.39 0.68 0.00	25.66 0.68 0.00	25.71 0.76 0.00	31.66 1.11 0.00	29.07 1.01 0.00	28.21 0.91 0.00	29.55 0.78 0.00	30.64 0.72 0.00	31.51 0.76 0.00	29.88 0.74 0.00	31.36 0.86 0.00	28.44 0.89 0.00	34.54 1.20 0.00	38.13 1.48 0.00	36.07 1.52 0.00	38.13 1.72 0.00	41.13 1.83 0.00	39.79 1.68 0.00	35.73 1.43 0.00	32.06 1.17 0.00	31.22 1.03 0.00
ONEIDA___115KV_TB4 55905	29.18 0.76 0.00	25.81 0.61 0.00	26.09 0.63 0.00	25.30 0.59 0.00	25.60 0.61 0.00	25.63 0.68 0.00	31.55 1.01 0.00	29.01 0.95 0.00	28.15 0.85 0.00	29.55 0.77 0.00	30.66 0.74 0.00	31.67 0.92 0.00	30.05 0.91 0.00	31.49 0.99 0.00	28.52 0.97 0.00	34.54 1.20 0.00	38.12 1.47 0.00	36.04 1.49 0.00	38.10 1.68 0.00	41.07 1.77 0.00	39.71 1.60 0.00	35.65 1.35 0.00	32.00 1.11 0.00	31.12 0.93 0.00
ONONDAGA_REF_OCCRA 23987	28.38 -0.04 0.00	25.12 -0.08 0.00	25.38 -0.07 0.00	24.63 -0.07 0.00	24.91 -0.08 0.00	24.90 -0.05 0.00	30.62 0.07 0.00	28.18 0.12 0.00	27.41 0.10 0.00	28.88 0.11 0.00	30.09 0.17 0.00	31.08 0.33 0.00	29.48 0.33 0.00	30.83 0.33 0.00	27.82 0.27 0.00	33.65 0.30 0.00	37.01 0.36 0.00	34.89 0.34 0.00	36.90 0.48 0.00	39.73 0.43 0.00	38.44 0.32 0.00	34.57 0.27 0.00	31.08 0.19 0.00	30.24 0.05 0.00
ONONDAGA___COGEN 23986	28.35 -0.07 0.00	25.10 -0.10 0.00	25.36 -0.10 0.00	24.62 -0.10 0.00	24.89 -0.10 0.00	24.87 -0.09 0.00	30.56 0.02 0.00	28.12 0.06 0.00	27.35 0.05 0.00	28.84 0.06 0.00	30.02 0.10 0.00	31.00 0.24 0.00	29.41 0.26 0.00	30.76 0.26 0.00	27.76 0.21 0.00	33.58 0.23 0.00	36.93 0.29 0.00	34.80 0.26 0.00	36.82 0.40 0.00	39.62 0.32 0.00	38.33 0.21 0.00	34.47 0.17 0.00	30.99 0.10 0.00	30.16 -0.04 0.00
ONTARIO___LFGE 23819	28.49 0.07 0.00	25.14 -0.06 0.00	25.41 -0.05 0.00	24.64 -0.07 0.00	24.92 -0.07 0.00	25.02 0.07 0.00	31.01 0.46 0.00	28.52 0.46 0.00	27.71 0.40 0.00	29.27 0.50 0.00	30.57 0.65 0.00	31.74 0.98 0.00	30.12 0.98 0.00	31.38 0.88 0.00	28.22 0.67 0.00	34.05 0.70 0.00	37.52 0.88 0.00	35.62 1.07 0.00	37.73 1.31 0.00	40.48 1.18 0.00	39.04 0.92 0.00	35.27 0.98 0.00	31.58 0.70 0.00	30.62 0.43 0.00
ORANGEVILLE_WT_PWR 323706	28.01 -0.41 0.00	24.62 -0.58 0.00	24.98 -0.48 0.00	24.18 -0.53 0.00	24.41 -0.58 0.00	24.55 -0.40 0.00	30.46 -0.09 0.00	27.82 -0.24 0.00	27.01 -0.29 0.00	28.80 0.02 0.00	30.26 0.34 0.00	31.65 0.90 0.00	30.04 0.90 0.00	31.21 0.71 0.00	27.78 0.23 0.00	33.49 0.13 -0.01	37.04 0.39 0.00	35.11 0.56 0.00	37.35 0.93 0.00	39.67 0.37 0.00	38.24 0.13 0.00	34.78 0.48 0.00	31.25 0.36 0.00	30.32 0.12 0.00
ORANGEVILLE___ESR 323794	28.01 -0.41 0.00	24.62 -0.58 0.00	24.98 -0.48 0.00	24.18 -0.53 0.00	24.41 -0.58 0.00	24.55 -0.40 0.00	30.46 -0.09 0.00	27.82 -0.24 0.00	27.01 -0.29 0.00	28.80 0.02 0.00	30.26 0.34 0.00	31.65 0.90 0.00	30.04 0.90 0.00	31.21 0.71 0.00	27.78 0.23 0.00	33.49 0.13 -0.01	37.04 0.39 0.00	35.11 0.56 0.00	37.35 0.93 0.00	39.67 0.37 0.00	38.24 0.13 0.00	34.78 0.48 0.00	31.25 0.36 0.00	30.32 0.12 0.00
OSWEGATCHIE___HYD 24044	29.26 0.84 0.00	25.97 0.77 0.00	26.15 0.70 0.00	25.35 0.64 0.00	25.60 0.61 0.00	25.65 0.70 0.00	31.61 1.06 0.00	28.95 0.89 0.00	27.99 0.69 0.00	29.28 0.51 0.00	30.31 0.39 0.00	31.06 0.31 0.00	29.37 0.22 0.00	30.80 0.30 0.00	27.94 0.39 0.00	34.15 0.80 0.00	37.75 1.10 0.00	35.63 1.08 0.00	37.84 1.42 0.00	40.74 1.43 0.00	39.48 1.36 0.00	35.52 1.22 0.00	31.92 1.03 0.00	31.18 0.99 0.00
OSWEGO___5 23606	27.88 -0.54 0.00	24.69 -0.51 0.00	24.95 -0.51 0.00	24.22 -0.49 0.00	24.49 -0.50 0.00	24.46 -0.48 0.00	30.01 -0.53 0.00	27.60 -0.47 0.00	26.83 -0.46 0.00	28.31 -0.47 0.00	29.47 -0.45 0.00	30.39 -0.37 0.00	28.82 -0.32 0.00	30.14 -0.36 0.00	27.20 -0.35 0.00	32.89 -0.46 0.00	36.19 -0.46 0.00	34.08 -0.47 0.00	36.03 -0.39 0.00	38.79 -0.51 0.00	37.57 -0.55 0.00	33.82 -0.48 0.00	30.41 -0.47 0.00	29.64 -0.55 0.00

OSWEGO___6 23613	27.88 -0.54 0.00	24.69 -0.51 0.00	24.95 -0.51 0.00	24.22 -0.49 0.00	24.49 -0.50 0.00	24.46 -0.48 0.00	30.01 -0.53 0.00	27.60 -0.47 0.00	26.83 -0.46 0.00	28.31 -0.47 0.00	29.47 -0.45 0.00	30.39 -0.37 0.00	28.82 -0.32 0.00	30.14 -0.36 0.00	27.20 -0.35 0.00	32.89 -0.46 0.00	36.19 -0.46 0.00	34.08 -0.47 0.00	36.03 -0.39 0.00	38.79 -0.51 0.00	37.57 -0.55 0.00	33.82 -0.48 0.00	30.41 -0.47 0.00	29.64 -0.55 0.00
OUTOKUMPU-AB___DRP 24206	27.96 -0.46 0.00	24.46 -0.74 0.00	24.80 -0.66 0.00	23.97 -0.74 0.00	24.15 -0.84 0.00	24.25 -0.70 0.00	30.03 -0.52 0.00	27.25 -0.82 0.00	26.48 -0.83 0.00	28.35 -0.43 0.00	29.84 -0.08 0.00	31.29 0.54 0.00	29.82 0.68 0.00	30.92 0.42 0.00	27.38 -0.17 0.00	32.96 -0.40 -0.01	36.55 -0.10 0.00	34.77 0.22 0.00	36.90 0.48 0.00	39.05 -0.25 0.00	37.69 -0.42 0.00	34.41 0.11 0.00	30.94 0.05 0.00	29.99 -0.20 0.00
OXBOW___BTM 323836	27.66 -0.76 0.00	24.19 -1.02 0.00	24.53 -0.93 0.00	23.70 -1.01 0.00	23.87 -1.12 0.00	23.97 -0.98 0.00	29.67 -0.88 0.00	26.89 -1.17 0.00	26.12 -1.18 0.00	27.97 -0.81 0.00	29.46 -0.46 0.00	30.94 0.18 0.00	29.44 0.29 0.00	30.49 -0.01 0.00	26.99 -0.57 0.00	32.43 -0.93 -0.01	36.01 -0.64 0.00	34.26 -0.29 0.00	36.36 -0.06 0.00	38.46 -0.84 0.00	37.11 -1.00 0.00	33.92 -0.38 0.00	30.54 -0.35 0.00	29.61 -0.58 0.00
OXBOW____ 24026	27.66 -0.76 0.00	24.18 -1.02 0.00	24.53 -0.93 0.00	23.70 -1.01 0.00	23.87 -1.12 0.00	23.97 -0.98 0.00	29.67 -0.88 0.00	26.88 -1.18 0.00	26.12 -1.18 0.00	27.97 -0.80 0.00	29.44 -0.48 0.00	30.89 0.14 0.00	29.43 0.29 0.00	30.49 -0.01 0.00	26.98 -0.57 0.00	32.43 -0.94 -0.01	36.01 -0.64 0.00	34.26 -0.29 0.00	36.36 -0.06 0.00	38.45 -0.84 0.00	37.11 -1.00 0.00	33.92 -0.38 0.00	30.54 -0.35 0.00	29.61 -0.59 0.00
OXY_CHEM_DSASP 323612	27.23 -1.19 0.00	23.81 -1.39 0.00	24.15 -1.30 0.00	23.35 -1.36 0.00	23.51 -1.48 0.00	23.61 -1.34 0.00	29.19 -1.36 0.00	26.41 -1.65 0.00	25.64 -1.66 0.00	27.47 -1.30 0.00	28.91 -1.02 0.00	30.31 -0.44 0.00	28.87 -0.27 0.00	29.87 -0.63 0.00	26.42 -1.14 0.00	31.67 -1.69 -0.01	35.22 -1.43 0.00	33.52 -1.03 0.00	35.59 -0.83 0.00	37.62 -1.68 0.00	36.31 -1.80 0.00	33.24 -1.06 0.00	29.96 -0.92 0.00	29.08 -1.12 0.00
OZONE_PARK_ESR 323760	29.84 1.42 0.00	26.47 1.27 0.00	26.60 1.15 0.00	25.89 1.18 0.00	26.21 1.22 0.00	26.23 1.28 0.00	32.17 1.62 0.00	29.90 1.84 0.00	29.31 2.00 0.00	30.93 2.15 0.00	32.37 2.21 -0.24	33.06 2.18 -0.12	31.22 2.04 -0.04	32.69 2.19 0.00	31.13 1.99 -1.59	35.55 2.20 0.00	38.91 2.26 0.00	36.66 2.11 0.00	38.51 2.09 0.00	41.67 2.37 0.00	40.44 2.33 0.00	36.29 1.99 0.00	32.71 1.82 0.00	31.81 1.62 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	27.23 -1.19 0.00	23.81 -1.39 0.00	24.15 -1.30 0.00	23.35 -1.36 0.00	23.51 -1.48 0.00	23.61 -1.34 0.00	29.19 -1.36 0.00	26.41 -1.65 0.00	25.64 -1.66 0.00	27.47 -1.30 0.00	28.91 -1.02 0.00	30.31 -0.44 0.00	28.87 -0.27 0.00	29.87 -0.63 0.00	26.42 -1.14 0.00	31.67 -1.69 -0.01	35.22 -1.43 0.00	33.52 -1.03 0.00	35.59 -0.83 0.00	37.62 -1.68 0.00	36.31 -1.80 0.00	33.24 -1.06 0.00	29.96 -0.92 0.00	29.08 -1.12 0.00
PACKARD__115KV_DUPONT_184 80571	27.23 -1.19 0.00	23.81 -1.39 0.00	24.15 -1.30 0.00	23.35 -1.36 0.00	23.51 -1.48 0.00	23.61 -1.34 0.00	29.19 -1.36 0.00	26.41 -1.65 0.00	25.64 -1.66 0.00	27.47 -1.30 0.00	28.91 -1.02 0.00	30.31 -0.44 0.00	28.87 -0.27 0.00	29.87 -0.63 0.00	26.42 -1.14 0.00	31.67 -1.69 -0.01	35.22 -1.43 0.00	33.52 -1.03 0.00	35.59 -0.83 0.00	37.62 -1.68 0.00	36.31 -1.80 0.00	33.24 -1.06 0.00	29.96 -0.92 0.00	29.08 -1.12 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.67 1.24 0.00	26.34 1.13 0.00	26.48 1.02 0.00	25.81 1.10 0.00	26.11 1.12 0.00	26.14 1.18 0.00	32.02 1.47 0.00	29.71 1.65 0.00	29.10 1.80 0.00	30.68 1.91 0.00	32.10 1.95 -0.24	32.80 1.92 -0.12	30.97 1.79 -0.04	32.41 1.91 0.00	30.90 1.76 -1.59	35.23 1.88 0.00	38.59 1.94 0.00	36.30 1.75 0.00	38.13 1.71 0.00	41.31 2.01 0.00	40.09 1.97 0.00	35.97 1.67 0.00	32.43 1.54 0.00	31.55 1.36 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.98 1.56 0.00	26.62 1.41 0.00	26.85 1.39 0.00	26.13 1.42 0.00	26.49 1.50 0.00	26.48 1.53 0.00	32.38 1.83 0.00	30.02 1.96 0.00	29.36 2.06 0.00	30.94 2.16 0.00	32.38 2.22 -0.24	33.07 2.20 -0.12	31.22 2.04 -0.04	32.66 2.16 0.00	31.11 1.97 -1.59	35.49 2.14 0.00	38.90 2.25 0.00	36.58 2.04 0.00	38.41 2.00 0.00	41.61 2.31 0.00	40.41 2.30 0.00	36.27 1.97 0.00	32.73 1.84 0.00	31.82 1.63 0.00
PATROON__115KV_TB1 80586	28.77 0.35 0.00	25.53 0.33 0.00	25.80 0.35 0.00	25.02 0.31 0.00	25.32 0.33 0.00	25.31 0.36 0.00	30.84 0.29 0.00	28.42 0.35 0.00	27.67 0.37 0.00	29.10 0.33 0.00	29.95 0.25 0.21	30.86 0.22 0.11	29.39 0.28 0.04	30.88 0.38 0.00	28.25 0.40 -0.30	33.93 0.58 0.00	37.13 0.49 0.00	34.99 0.44 0.00	36.79 0.37 0.00	39.93 0.63 0.00	38.75 0.63 0.00	34.75 0.45 0.00	31.24 0.35 0.00	30.50 0.30 0.00
PATTRSNVILLE___SOLAR 323815	29.36 0.93 0.00	26.00 0.80 0.00	26.25 0.79 0.00	25.48 0.77 0.00	25.79 0.80 0.00	25.79 0.84 0.00	31.61 1.06 0.00	29.10 1.03 0.00	28.16 0.86 0.00	29.36 0.58 0.00	30.26 0.51 0.18	31.16 0.50 0.09	29.67 0.56 0.03	31.10 0.60 0.00	28.13 0.58 0.00	34.34 1.00 0.00	37.88 1.23 0.00	35.79 1.24 0.00	37.80 1.38 0.00	40.94 1.64 0.00	39.66 1.55 0.00	35.61 1.31 0.00	32.01 1.12 0.00	31.21 1.01 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	28.67 0.25 0.00	25.10 -0.10 0.00	25.44 -0.02 0.00	24.63 -0.08 0.00	24.84 -0.15 0.00	24.91 -0.04 0.00	30.87 0.33 0.00	28.18 0.12 0.00	27.39 0.09 0.00	29.27 0.50 0.00	30.78 0.86 0.00	32.15 1.40 0.00	30.57 1.43 0.00	31.74 1.24 0.00	28.21 0.65 0.00	33.95 0.59 -0.02	37.63 0.98 0.00	35.75 1.20 0.00	37.97 1.55 0.00	40.24 0.94 0.00	38.79 0.67 0.00	35.29 0.99 0.00	31.66 0.78 0.00	30.70 0.50 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	29.53 1.11 0.00	26.17 0.97 0.00	26.36 0.90 0.00	25.62 0.91 0.00	25.94 0.95 0.00	25.95 0.99 0.00	31.82 1.27 0.00	29.49 1.43 0.00	28.86 1.56 0.00	30.44 1.67 0.00	31.83 1.71 -0.20	32.54 1.68 -0.11	30.74 1.56 -0.04	32.20 1.70 0.00	29.63 1.57 -0.51	35.06 1.72 0.00	38.41 1.76 0.00	36.24 1.69 0.00	38.14 1.72 0.00	41.32 2.02 0.00	40.03 1.92 0.00	35.87 1.57 0.00	32.29 1.40 0.00	31.43 1.24 0.00
PEEKSKILL____ 23653	29.19 0.77 0.00	25.88 0.68 0.00	26.06 0.61 0.00	25.33 0.63 0.00	25.65 0.67 0.00	25.66 0.72 0.00	31.44 0.90 0.00	29.14 1.08 0.00	28.53 1.23 0.00	30.08 1.30 0.00	31.48 1.33 -0.23	32.14 1.27 -0.12	30.36 1.18 -0.04	31.79 1.29 0.00	31.35 1.18 -2.62	34.58 1.24 0.00	37.85 1.20 0.00	35.70 1.15 0.00	37.55 1.13 0.00	40.65 1.35 0.00	39.41 1.29 0.00	35.34 1.04 0.00	31.86 0.97 0.00	31.05 0.85 0.00

PGE MADISON___WINDPWR 24146	30.04 1.62 0.00	26.53 1.33 0.00	26.90 1.45 0.00	26.14 1.43 0.00	26.55 1.56 0.00	26.69 1.74 0.00	33.17 2.62 0.00	30.56 2.49 0.00	29.54 2.24 0.00	30.94 2.16 0.00	32.27 2.34 0.00	33.47 2.71 0.00	31.68 2.54 0.00	32.87 2.37 0.00	29.61 2.06 0.00	35.97 2.63 0.00	39.87 3.23 0.00	37.77 3.22 0.00	40.50 4.08 0.00	43.48 4.18 0.00	41.97 3.86 0.00	37.59 3.29 0.00	33.59 2.70 0.00	32.54 2.35 0.00
PIERCEFIELD___HYD 23852	28.89 0.47 0.00	25.69 0.49 0.00	25.87 0.41 0.00	25.09 0.38 0.00	25.34 0.35 0.00	25.32 0.38 0.00	31.12 0.58 0.00	28.46 0.40 0.00	27.51 0.21 0.00	28.91 0.13 0.00	29.95 0.03 0.00	30.67 -0.09 0.00	28.97 -0.17 0.00	30.27 -0.23 0.00	27.41 -0.14 0.00	33.43 0.08 0.00	36.90 0.25 0.00	34.71 0.16 0.00	36.76 0.34 0.00	39.59 0.29 0.00	38.47 0.36 0.00	34.75 0.45 0.00	31.32 0.43 0.00	30.74 0.54 0.00
PINELAWN_CC_1 323563	54.58 1.19 -24.98	27.91 1.27 -1.45	26.63 1.17 0.00	25.88 1.17 0.00	26.24 1.25 0.00	26.31 1.33 -0.03	61.49 1.75 -29.19	68.19 1.91 -38.21	33.36 2.04 -4.02	30.94 2.06 -0.11	32.87 2.19 -0.76	32.82 1.86 -0.21	32.85 1.76 -1.96	33.05 1.78 -0.77	33.81 1.61 -4.64	34.69 1.35 0.00	37.65 1.00 0.00	35.71 1.16 0.00	37.49 1.08 0.00	40.90 1.60 0.00	39.61 1.50 0.00	35.66 1.36 0.00	32.73 1.79 -0.06	32.06 1.64 -0.23
PJM_GEN_HTP_PROXY 323702	29.51 1.09 0.00	26.19 0.98 0.00	26.34 0.88 0.00	25.63 0.92 0.00	25.94 0.95 0.00	25.96 1.01 0.00	31.82 1.27 0.00	29.54 1.48 0.00	28.95 1.65 0.00	30.56 1.79 0.00	31.98 1.82 -0.24	32.64 1.76 -0.12	30.84 1.65 -0.04	32.28 1.78 0.00	30.77 1.63 -1.59	35.11 1.77 0.00	38.41 1.76 0.00	36.18 1.63 0.00	38.02 1.60 0.00	41.13 1.84 0.00	39.91 1.79 0.00	35.81 1.51 0.00	32.29 1.40 0.00	31.43 1.23 0.00
PJM_GEN_KEystone 24065	25.78 -0.04 2.60	21.24 -0.14 3.83	19.85 -0.14 5.46	17.87 -0.13 6.71	24.87 -0.12 0.00	24.85 -0.10 0.00	30.63 0.08 0.00	28.28 0.22 0.00	27.61 0.30 0.00	29.18 0.46 0.05	30.64 0.59 -0.13	31.55 0.75 -0.05	29.82 0.67 -0.01	31.15 0.65 0.00	24.81 0.48 3.22	33.75 0.41 0.00	16.41 0.46 20.70	35.11 0.56 0.00	37.10 0.68 0.00	39.87 0.57 0.00	38.49 0.37 0.00	34.67 0.37 0.00	31.19 0.31 0.00	30.37 0.17 0.00
PJM_GEN_NEPTUNE_PROXY 323594	54.37 0.97 -24.98	27.81 1.16 -1.45	26.52 1.07 0.00	25.79 1.08 0.00	26.14 1.15 0.00	26.19 1.21 -0.03	61.30 1.55 -29.19	67.98 1.70 -38.21	33.17 1.85 -4.02	30.78 1.89 -0.11	32.67 1.99 -0.76	32.86 1.91 -0.21	32.95 1.85 -1.96	33.21 1.94 -0.77	33.99 1.80 -4.64	35.03 1.68 0.00	38.08 1.43 0.00	35.99 1.44 0.00	37.72 1.30 0.00	41.04 1.74 0.00	39.82 1.71 0.00	35.78 1.48 0.00	32.55 1.60 -0.06	31.89 1.47 -0.23
PJM_GEN_VFT_PROXY 323633	29.43 1.01 0.00	26.10 0.90 0.00	26.23 0.78 0.00	25.53 0.82 0.00	25.84 0.85 0.00	25.86 0.91 0.00	31.68 1.13 0.00	29.42 1.36 0.00	28.83 1.53 0.00	29.71 1.65 0.71	31.84 1.68 -0.24	32.24 1.61 0.12	30.45 1.50 0.19	32.12 1.62 0.00	28.86 1.49 0.18	34.92 1.60 0.02	-257.40 1.62 295.67	36.05 1.50 0.00	37.89 1.47 0.00	40.99 1.69 0.00	39.78 1.67 0.00	35.69 1.39 0.00	32.17 1.28 0.00	31.32 1.12 0.00
PLATSBURG_115KV_PMLD1 355749	28.91 0.49 0.00	25.67 0.47 0.00	25.85 0.39 0.00	25.08 0.37 0.00	25.34 0.35 0.00	25.29 0.34 0.00	31.07 0.53 0.00	28.62 0.56 0.00	27.71 0.41 0.00	29.08 0.30 0.00	30.18 0.26 0.00	30.99 0.24 0.00	29.39 0.25 0.00	30.86 0.36 0.00	27.83 0.28 0.00	33.97 0.63 0.00	37.56 0.91 0.00	34.67 0.12 0.00	36.57 0.15 0.00	40.20 0.90 0.00	39.34 1.22 0.00	36.02 1.72 0.00	32.41 1.52 0.00	31.83 1.64 0.00
PLEASANTVLY___LBMP 24000	29.17 0.75 0.00	25.87 0.67 0.00	26.07 0.61 0.00	25.33 0.62 0.00	25.65 0.66 0.00	25.63 0.68 0.00	31.37 0.82 0.00	29.04 0.98 0.00	28.40 1.11 0.00	29.92 1.14 0.00	31.33 1.15 -0.26	31.99 1.10 -0.14	30.21 1.02 -0.05	31.64 1.14 0.00	29.31 1.05 -0.70	34.47 1.13 0.00	37.73 1.08 0.00	35.55 1.00 0.00	37.39 0.97 0.00	40.53 1.23 0.00	39.32 1.20 0.00	35.26 0.96 0.00	31.78 0.89 0.00	30.98 0.79 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.38 0.96 0.00	26.07 0.87 0.00	26.25 0.79 0.00	25.52 0.81 0.00	25.83 0.84 0.00	25.85 0.90 0.00	31.65 1.10 0.00	29.34 1.28 0.00	28.72 1.42 0.00	30.30 1.52 0.00	31.71 1.55 -0.24	32.37 1.49 -0.12	30.58 1.40 -0.04	32.02 1.52 0.00	30.17 1.40 -1.22	34.85 1.51 0.00	38.15 1.50 0.00	35.94 1.39 0.00	37.78 1.36 0.00	40.94 1.64 0.00	39.70 1.58 0.00	35.61 1.31 0.00	32.09 1.20 0.00	31.26 1.07 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.38 0.96 0.00	26.07 0.87 0.00	26.25 0.79 0.00	25.52 0.81 0.00	25.83 0.84 0.00	25.85 0.90 0.00	31.65 1.10 0.00	29.34 1.28 0.00	28.72 1.42 0.00	30.30 1.52 0.00	31.71 1.55 -0.24	32.37 1.49 -0.12	30.58 1.40 -0.04	32.02 1.52 0.00	30.17 1.40 -1.22	34.85 1.51 0.00	38.15 1.50 0.00	35.94 1.39 0.00	37.78 1.36 0.00	40.94 1.64 0.00	39.70 1.58 0.00	35.61 1.31 0.00	32.09 1.20 0.00	31.26 1.07 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.34 0.92 0.00	26.01 0.81 0.00	26.21 0.75 0.00	25.46 0.75 0.00	25.78 0.79 0.00	25.77 0.82 0.00	31.58 1.03 0.00	29.25 1.19 0.00	28.61 1.31 0.00	30.13 1.35 0.00	31.29 1.37 0.00	32.08 1.33 0.00	30.38 1.24 0.00	31.88 1.38 0.00	28.82 1.27 0.00	34.73 1.39 0.00	38.06 1.41 0.00	35.88 1.33 0.00	37.77 1.35 0.00	40.94 1.64 0.00	39.68 1.57 0.00	35.55 1.25 0.00	32.01 1.13 0.00	31.18 0.98 0.00
POLETTI___ 23519	29.50 1.08 0.00	26.19 0.99 0.00	26.33 0.87 0.00	25.63 0.92 0.00	25.94 0.95 0.00	25.97 1.02 0.00	31.80 1.26 0.00	29.53 1.47 0.00	28.95 1.65 0.00	30.55 1.78 0.00	31.97 1.81 -0.24	32.64 1.76 -0.12	30.83 1.64 -0.04	32.27 1.77 0.00	30.77 1.63 -1.59	35.09 1.75 0.00	38.40 1.75 0.00	36.16 1.62 0.00	38.00 1.58 0.00	41.12 1.82 0.00	39.89 1.78 0.00	35.80 1.50 0.00	32.28 1.39 0.00	31.41 1.22 0.00
POMONA___ESR 323819	29.17 0.75 0.00	25.86 0.66 0.00	26.04 0.58 0.00	25.31 0.60 0.00	25.63 0.64 0.00	25.64 0.69 0.00	31.42 0.88 0.00	29.12 1.06 0.00	28.51 1.21 0.00	30.07 1.29 0.00	31.47 1.33 -0.21	32.13 1.27 -0.11	30.34 1.16 -0.04	31.76 1.26 0.00	25.85 1.14 2.84	34.55 1.20 0.00	37.83 1.18 0.00	35.70 1.15 0.00	37.53 1.12 0.00	40.63 1.33 0.00	39.36 1.25 0.00	35.30 1.00 0.00	31.83 0.94 0.00	31.02 0.83 0.00
PORT_JEFF_3 23555	54.45 1.06 -24.98	27.76 1.11 -1.45	26.48 1.02 0.00	25.74 1.03 0.00	26.11 1.12 0.00	26.17 1.19 -0.03	61.30 1.56 -29.19	68.00 1.73 -38.21	33.19 1.87 -4.02	30.77 1.89 -0.11	32.71 2.03 -0.76	32.85 1.89 -0.21	32.98 1.88 -1.96	33.20 1.93 -0.77	34.01 1.82 -4.64	34.87 1.53 0.00	37.73 1.08 0.00	35.66 1.11 0.00	37.31 0.89 0.00	40.96 1.66 0.00	39.66 1.54 0.00	35.59 1.29 0.00	32.47 1.52 -0.06	31.82 1.40 -0.23

PORT_JEFF_4 23616	54.45 1.06 -24.98	27.76 1.11 -1.45	26.48 1.02 0.00	25.74 1.03 0.00	26.11 1.12 0.00	26.17 1.19 -0.03	61.30 1.56 -29.19	68.00 1.73 -38.21	33.19 1.87 -4.02	30.77 1.89 -0.11	32.71 2.03 -0.76	32.85 1.89 -0.21	32.98 1.88 -1.96	33.20 1.93 -0.77	34.01 1.82 -4.64	34.87 1.53 0.00	37.73 1.08 0.00	35.66 1.11 0.00	37.31 0.89 0.00	40.96 1.66 0.00	39.66 1.54 0.00	35.59 1.29 0.00	32.47 1.52 -0.06	31.82 1.40 -0.23
PORT_JEFF_IC 23713	54.45 1.05 -24.98	27.75 1.10 -1.45	26.47 1.02 0.00	25.74 1.02 0.00	26.11 1.12 0.00	26.17 1.18 -0.03	61.29 1.55 -29.19	68.00 1.73 -38.21	33.20 1.88 -4.02	30.78 1.89 -0.11	32.73 2.05 -0.76	32.88 1.93 -0.21	32.98 1.89 -1.96	33.21 1.94 -0.77	34.02 1.82 -4.64	34.89 1.55 0.00	37.73 1.08 0.00	35.56 1.01 0.00	37.21 0.79 0.00	40.98 1.68 0.00	39.67 1.55 0.00	35.61 1.31 0.00	32.48 1.54 -0.06	31.83 1.40 -0.23
PPL PILGRIM_ST_GT1 24216	54.65 1.25 -24.98	27.92 1.28 -1.45	26.65 1.19 0.00	25.91 1.20 0.00	26.27 1.28 0.00	26.33 1.35 -0.03	61.52 1.78 -29.19	68.20 1.92 -38.21	33.37 2.05 -4.02	30.94 2.06 -0.11	32.88 2.21 -0.76	33.02 2.06 -0.21	33.14 2.04 -1.96	33.36 2.09 -0.77	34.18 1.98 -4.64	35.06 1.71 0.00	37.96 1.31 0.00	36.01 1.46 0.00	37.69 1.27 0.00	41.16 1.86 0.00	39.87 1.76 0.00	35.81 1.51 0.00	32.68 1.73 -0.06	32.05 1.63 -0.23
PPL PILGRIM_ST_GT2 24217	54.65 1.25 -24.98	27.92 1.28 -1.45	26.65 1.19 0.00	25.91 1.20 0.00	26.27 1.28 0.00	26.33 1.35 -0.03	61.52 1.78 -29.19	68.20 1.92 -38.21	33.37 2.05 -4.02	30.94 2.06 -0.11	32.88 2.21 -0.76	33.02 2.06 -0.21	33.14 2.04 -1.96	33.36 2.09 -0.77	34.18 1.98 -4.64	35.06 1.71 0.00	37.96 1.31 0.00	36.01 1.46 0.00	37.69 1.27 0.00	41.16 1.86 0.00	39.87 1.76 0.00	35.81 1.51 0.00	32.68 1.73 -0.06	32.05 1.63 -0.23
PPL_SHRM_GT3 24213	54.08 0.69 -24.98	27.44 0.80 -1.45	26.15 0.70 0.00	25.44 0.73 0.00	25.80 0.81 0.00	25.86 0.88 -0.03	60.89 1.15 -29.19	67.64 1.36 -38.21	32.84 1.52 -4.02	30.38 1.49 -0.11	32.30 1.62 -0.76	32.40 1.44 -0.21	32.54 1.45 -1.96	32.75 1.48 -0.77	33.58 1.39 -4.64	34.35 1.01 0.00	37.17 0.52 0.00	35.29 0.75 0.00	36.90 0.48 0.00	40.42 1.12 0.00	39.09 0.98 0.00	35.05 0.75 0.00	31.96 1.01 -0.06	31.32 0.89 -0.23
PPL_SHRM_GT4 24214	54.08 0.69 -24.98	27.44 0.80 -1.45	26.15 0.70 0.00	25.44 0.73 0.00	25.80 0.81 0.00	25.86 0.88 -0.03	60.89 1.15 -29.19	67.64 1.36 -38.21	32.84 1.52 -4.02	30.38 1.49 -0.11	32.30 1.62 -0.76	32.40 1.44 -0.21	32.54 1.45 -1.96	32.75 1.48 -0.77	33.58 1.39 -4.64	34.35 1.01 0.00	37.17 0.52 0.00	35.29 0.75 0.00	36.90 0.48 0.00	40.42 1.12 0.00	39.09 0.98 0.00	35.05 0.75 0.00	31.96 1.01 -0.06	31.32 0.89 -0.23
PROJECT___ORANGE 1 24174	28.24 -0.18 0.00	24.99 -0.21 0.00	25.26 -0.20 0.00	24.51 -0.20 0.00	24.79 -0.20 0.00	24.77 -0.18 0.00	30.44 -0.11 0.00	28.01 -0.06 0.00	27.25 -0.05 0.00	28.74 -0.03 0.00	29.95 0.03 0.00	30.93 0.18 0.00	29.34 0.20 0.00	30.69 0.19 0.00	27.69 0.14 0.00	33.48 0.13 0.00	36.79 0.14 0.00	34.67 0.12 0.00	36.65 0.23 0.00	39.45 0.15 0.00	38.17 0.06 0.00	34.34 0.04 0.00	30.89 0.00 0.00	30.07 -0.13 0.00
PROJECT___ORANGE 2 24166	28.24 -0.18 0.00	24.99 -0.21 0.00	25.26 -0.20 0.00	24.51 -0.20 0.00	24.79 -0.20 0.00	24.77 -0.18 0.00	30.44 -0.11 0.00	28.01 -0.06 0.00	27.25 -0.05 0.00	28.74 -0.03 0.00	29.95 0.03 0.00	30.93 0.18 0.00	29.34 0.20 0.00	30.69 0.19 0.00	27.69 0.14 0.00	33.48 0.13 0.00	36.79 0.14 0.00	34.67 0.12 0.00	36.65 0.23 0.00	39.45 0.15 0.00	38.17 0.06 0.00	34.34 0.04 0.00	30.89 0.00 0.00	30.07 -0.13 0.00
PUCKETT___SOLAR 323809	28.79 0.37 0.00	25.48 0.28 0.00	25.81 0.36 0.00	25.05 0.34 0.00	25.36 0.37 0.00	25.37 0.42 0.00	31.34 0.79 0.00	28.89 0.84 0.00	28.06 0.76 0.00	29.56 0.78 0.00	30.78 0.86 0.00	31.84 1.09 0.00	30.13 0.99 0.00	31.42 0.92 0.00	28.30 0.74 0.00	34.15 0.81 0.00	37.70 1.05 0.00	35.67 1.12 0.00	37.91 1.49 0.00	40.84 1.54 0.00	39.47 1.35 0.00	35.48 1.18 0.00	31.84 0.95 0.00	30.94 0.75 0.00
PYRITES___HYD 24023	29.40 0.98 0.00	26.14 0.94 0.00	26.30 0.84 0.00	25.52 0.81 0.00	25.77 0.78 0.00	25.76 0.82 0.00	31.71 1.17 0.00	28.97 0.91 0.00	27.91 0.61 0.00	29.21 0.43 0.00	30.12 0.19 0.00	30.80 0.05 0.00	29.09 -0.05 0.00	30.39 -0.11 0.00	27.55 -0.01 0.00	33.68 0.34 0.00	37.38 0.73 0.00	35.30 0.76 0.00	37.57 1.15 0.00	40.47 1.16 0.00	39.29 1.18 0.00	35.44 1.14 0.00	31.92 1.03 0.00	31.31 1.11 0.00
QUAKERRD_115KV_BK1 80622	27.52 -0.91 0.00	24.22 -0.98 0.00	24.50 -0.96 0.00	23.73 -0.98 0.00	23.97 -1.02 0.00	24.02 -0.93 0.00	29.64 -0.91 0.00	27.13 -0.93 0.00	26.37 -0.93 0.00	27.97 -0.81 0.00	29.25 -0.67 0.00	30.38 -0.37 0.00	28.91 -0.23 0.00	30.08 -0.42 0.00	27.02 -0.53 0.00	32.49 -0.85 0.00	36.01 -0.64 0.00	34.07 -0.48 0.00	36.09 -0.33 0.00	38.59 -0.71 0.00	37.29 -0.82 0.00	33.69 -0.61 0.00	30.24 -0.65 0.00	29.37 -0.82 0.00
QUEENSBRY_115KV_TB8 356137	29.76 1.33 0.00	26.17 0.97 0.00	26.39 0.94 0.00	25.61 0.90 0.00	26.23 1.24 0.00	26.47 1.52 0.00	32.46 1.92 0.00	29.95 1.90 0.00	29.17 1.87 0.00	30.44 1.66 0.23	31.25 1.56 0.12	32.29 1.66 0.04	30.93 1.84 0.00	32.59 2.09 0.00	29.77 1.93 -0.29	35.98 2.64 0.00	39.59 2.94 0.00	37.21 2.66 0.00	39.25 2.83 0.00	42.78 3.48 0.00	41.00 2.89 0.00	36.71 2.41 0.00	32.90 2.01 0.00	32.11 1.91 0.00
RAMAPO___LBMP 323565	29.05 0.63 0.00	25.75 0.55 0.00	25.94 0.48 0.00	25.21 0.50 0.00	25.54 0.55 0.00	25.53 0.59 0.00	31.29 0.74 0.00	28.99 0.93 0.00	28.37 1.07 0.00	29.93 1.15 0.00	31.32 1.18 -0.21	31.98 1.12 -0.11	30.19 1.01 -0.04	31.60 1.10 0.00	25.92 1.01 2.64	34.39 1.04 0.00	37.66 1.01 0.00	35.54 0.99 0.00	37.38 0.96 0.00	40.47 1.16 0.00	39.20 1.08 0.00	35.16 0.85 0.00	31.69 0.80 0.00	30.90 0.70 0.00
RANKINE____ 23646	28.23 -0.19 0.00	24.71 -0.49 0.00	25.05 -0.40 0.00	24.23 -0.48 0.00	24.43 -0.55 0.00	24.52 -0.43 0.00	30.40 -0.15 0.00	27.69 -0.37 0.00	26.90 -0.40 0.00	28.77 0.00 0.00	30.29 0.37 0.00	31.71 0.96 0.00	30.17 1.03 0.00	31.31 0.81 0.00	27.80 0.24 0.00	33.46 0.10 -0.02	37.10 0.45 0.00	35.24 0.69 0.00	37.43 1.01 0.00	39.65 0.35 0.00	38.25 0.13 0.00	34.85 0.55 0.00	31.29 0.40 0.00	30.32 0.13 0.00
RAVENSWOOD_GT2_1 24244	29.54 1.12 0.00	26.22 1.02 0.00	26.36 0.90 0.00	25.66 0.95 0.00	25.97 0.98 0.00	26.00 1.05 0.00	31.85 1.30 0.00	29.58 1.52 0.00	28.99 1.69 0.00	30.58 1.81 0.00	32.01 1.85 -0.24	32.68 1.81 -0.12	30.87 1.68 -0.04	32.31 1.81 0.00	30.80 1.66 -1.59	35.15 1.80 0.00	38.45 1.81 0.00	36.22 1.67 0.00	38.05 1.63 0.00	41.17 1.87 0.00	39.94 1.83 0.00	35.84 1.55 0.00	32.33 1.44 0.00	31.46 1.27 0.00



RAVENSWOOD_GT2_2 24245	29.54 1.12 0.00	26.22 1.02 0.00	26.36 0.90 0.00	25.66 0.95 0.00	25.97 0.98 0.00	26.00 1.05 0.00	31.85 1.30 0.00	29.58 1.52 0.00	28.99 1.69 0.00	30.58 1.81 0.00	32.01 1.85 -0.24	32.68 1.81 -0.12	30.87 1.68 -0.04	32.31 1.81 0.00	30.80 1.66 -1.59	35.15 1.80 0.00	38.45 1.81 0.00	36.22 1.67 0.00	38.05 1.63 0.00	41.17 1.87 0.00	39.94 1.83 0.00	35.84 1.55 0.00	32.33 1.44 0.00	31.46 1.27 0.00
RAVENSWOOD_GT2_3 24246	29.56 1.14 0.00	26.23 1.03 0.00	26.37 0.91 0.00	25.67 0.96 0.00	25.98 0.99 0.00	26.01 1.06 0.00	31.87 1.32 0.00	29.59 1.53 0.00	29.00 1.70 0.00	30.60 1.82 0.00	32.03 1.87 -0.24	32.70 1.82 -0.12	30.89 1.70 -0.04	32.33 1.83 0.00	30.82 1.68 -1.59	35.16 1.82 0.00	38.47 1.82 0.00	36.23 1.68 0.00	38.07 1.65 0.00	41.20 1.90 0.00	39.97 1.86 0.00	35.87 1.57 0.00	32.34 1.46 0.00	31.48 1.28 0.00
RAVENSWOOD_GT2_4 24247	29.56 1.14 0.00	26.23 1.03 0.00	26.37 0.91 0.00	25.67 0.96 0.00	25.98 0.99 0.00	26.01 1.06 0.00	31.87 1.32 0.00	29.59 1.53 0.00	29.00 1.70 0.00	30.60 1.82 0.00	32.03 1.87 -0.24	32.70 1.82 -0.12	30.89 1.70 -0.04	32.33 1.83 0.00	30.82 1.68 -1.59	35.16 1.82 0.00	38.47 1.82 0.00	36.23 1.68 0.00	38.07 1.65 0.00	41.20 1.90 0.00	39.97 1.86 0.00	35.87 1.57 0.00	32.34 1.46 0.00	31.48 1.28 0.00
RAVENSWOOD_GT3_1 24248	29.54 1.12 0.00	26.22 1.02 0.00	26.36 0.90 0.00	25.66 0.95 0.00	25.97 0.98 0.00	26.00 1.05 0.00	31.85 1.30 0.00	29.58 1.52 0.00	28.99 1.69 0.00	30.58 1.81 0.00	32.01 1.85 -0.24	32.68 1.81 -0.12	30.87 1.68 -0.04	32.31 1.81 0.00	30.80 1.67 -1.59	35.15 1.80 0.00	38.45 1.81 0.00	36.22 1.67 0.00	38.05 1.63 0.00	41.17 1.87 0.00	39.94 1.83 0.00	35.85 1.55 0.00	32.33 1.44 0.00	31.46 1.27 0.00
RAVENSWOOD_GT3_2 24249	29.54 1.12 0.00	26.22 1.02 0.00	26.36 0.90 0.00	25.66 0.95 0.00	25.97 0.98 0.00	26.00 1.05 0.00	31.85 1.30 0.00	29.58 1.52 0.00	28.99 1.69 0.00	30.58 1.81 0.00	32.01 1.85 -0.24	32.68 1.81 -0.12	30.87 1.68 -0.04	32.31 1.81 0.00	30.80 1.67 -1.59	35.15 1.80 0.00	38.45 1.81 0.00	36.22 1.67 0.00	38.05 1.63 0.00	41.17 1.87 0.00	39.94 1.83 0.00	35.85 1.55 0.00	32.33 1.44 0.00	31.46 1.27 0.00
RAVENSWOOD_GT3_3 24250	29.59 1.17 0.00	26.25 1.06 0.00	26.40 0.94 0.00	25.70 0.99 0.00	26.01 1.02 0.00	26.04 1.08 0.00	31.90 1.36 0.00	29.62 1.56 0.00	29.04 1.73 0.00	30.64 1.87 0.00	32.07 1.91 -0.24	32.74 1.87 -0.12	30.93 1.74 -0.04	32.37 1.87 0.00	30.86 1.72 -1.59	35.21 1.87 0.00	38.54 1.89 0.00	36.29 1.74 0.00	38.12 1.70 0.00	41.25 1.95 0.00	40.02 1.91 0.00	35.91 1.61 0.00	32.38 1.50 0.00	31.51 1.31 0.00
RAVENSWOOD_GT3_4 24251	29.59 1.17 0.00	26.25 1.06 0.00	26.40 0.94 0.00	25.70 0.99 0.00	26.01 1.02 0.00	26.04 1.08 0.00	31.90 1.36 0.00	29.62 1.56 0.00	29.04 1.73 0.00	30.64 1.87 0.00	32.07 1.91 -0.24	32.74 1.87 -0.12	30.93 1.74 -0.04	32.37 1.87 0.00	30.86 1.72 -1.59	35.21 1.87 0.00	38.54 1.89 0.00	36.29 1.74 0.00	38.12 1.70 0.00	41.25 1.95 0.00	40.02 1.91 0.00	35.91 1.61 0.00	32.38 1.50 0.00	31.51 1.31 0.00
RAVENSWOOD_GT_1 23729	29.62 1.20 0.00	26.29 1.09 0.00	26.42 0.97 0.00	25.76 1.05 0.00	26.05 1.06 0.00	26.09 1.14 0.00	31.96 1.42 0.00	29.70 1.63 0.00	29.11 1.81 0.00	30.72 1.94 0.00	32.14 1.98 -0.24	32.81 1.93 -0.12	30.99 1.81 -0.04	32.44 1.94 0.00	30.92 1.78 -1.59	35.28 1.93 0.00	87.87 1.98 -49.24	36.30 1.76 0.00	38.12 1.70 0.00	41.25 1.95 0.00	40.02 1.90 0.00	35.94 1.64 0.00	32.41 1.52 0.00	31.52 1.33 0.00
RAVENSWOOD_GT_10 24258	29.54 1.12 0.00	26.22 1.02 0.00	26.36 0.90 0.00	25.66 0.95 0.00	25.97 0.98 0.00	25.99 1.04 0.00	31.85 1.30 0.00	29.57 1.51 0.00	28.98 1.68 0.00	30.58 1.81 0.00	32.01 1.85 -0.24	32.68 1.80 -0.12	30.87 1.68 -0.04	32.31 1.81 0.00	30.80 1.66 -1.59	35.15 1.80 0.00	38.45 1.81 0.00	36.21 1.66 0.00	38.05 1.63 0.00	41.17 1.87 0.00	39.95 1.84 0.00	35.84 1.55 0.00	32.32 1.43 0.00	31.46 1.27 0.00
RAVENSWOOD_GT_11 24259	29.54 1.12 0.00	26.22 1.02 0.00	26.36 0.90 0.00	25.66 0.95 0.00	25.97 0.98 0.00	25.99 1.04 0.00	31.85 1.30 0.00	29.57 1.51 0.00	28.98 1.68 0.00	30.58 1.81 0.00	32.01 1.85 -0.24	32.68 1.80 -0.12	30.87 1.68 -0.04	32.31 1.81 0.00	30.80 1.66 -1.59	35.15 1.80 0.00	38.45 1.81 0.00	36.21 1.66 0.00	38.05 1.63 0.00	41.17 1.87 0.00	39.95 1.84 0.00	35.84 1.55 0.00	32.32 1.43 0.00	31.46 1.27 0.00
RAVENSWOOD_GT_4 24252	29.54 1.12 0.00	26.21 1.01 0.00	26.36 0.90 0.00	25.65 0.94 0.00	25.96 0.97 0.00	25.99 1.04 0.00	31.84 1.30 0.00	29.56 1.50 0.00	28.97 1.67 0.00	30.57 1.79 0.00	31.99 1.84 -0.24	32.66 1.79 -0.12	30.85 1.66 -0.04	32.29 1.79 0.00	30.79 1.65 -1.59	35.12 1.77 0.00	75.92 1.78 -37.49	36.20 1.65 0.00	38.04 1.62 0.00	41.17 1.87 0.00	39.95 1.83 0.00	35.84 1.54 0.00	32.32 1.43 0.00	31.45 1.26 0.00
RAVENSWOOD_GT_5 24254	29.54 1.12 0.00	26.21 1.01 0.00	26.36 0.90 0.00	25.65 0.94 0.00	25.96 0.97 0.00	25.99 1.04 0.00	31.84 1.30 0.00	29.56 1.50 0.00	28.97 1.67 0.00	30.57 1.79 0.00	31.99 1.84 -0.24	32.66 1.79 -0.12	30.85 1.66 -0.04	32.29 1.79 0.00	30.79 1.65 -1.59	35.12 1.77 0.00	75.92 1.78 -37.49	36.20 1.65 0.00	38.04 1.62 0.00	41.17 1.87 0.00	39.95 1.83 0.00	35.84 1.54 0.00	32.32 1.43 0.00	31.45 1.26 0.00
RAVENSWOOD_GT_6 24253	29.54 1.12 0.00	26.21 1.01 0.00	26.36 0.90 0.00	25.65 0.94 0.00	25.96 0.97 0.00	25.99 1.04 0.00	31.84 1.30 0.00	29.56 1.50 0.00	28.97 1.67 0.00	30.57 1.79 0.00	31.99 1.84 -0.24	32.66 1.79 -0.12	30.85 1.66 -0.04	32.29 1.79 0.00	30.79 1.65 -1.59	35.12 1.77 0.00	75.92 1.78 -37.49	36.20 1.65 0.00	38.04 1.62 0.00	41.17 1.87 0.00	39.95 1.83 0.00	35.84 1.54 0.00	32.32 1.43 0.00	31.45 1.26 0.00
RAVENSWOOD_GT_7 24255	29.54 1.12 0.00	26.21 1.01 0.00	26.36 0.90 0.00	25.65 0.94 0.00	25.96 0.97 0.00	25.99 1.04 0.00	31.84 1.30 0.00	29.56 1.50 0.00	28.97 1.67 0.00	30.57 1.79 0.00	31.99 1.84 -0.24	32.66 1.79 -0.12	30.85 1.66 -0.04	32.29 1.79 0.00	30.79 1.65 -1.59	35.12 1.77 0.00	75.92 1.78 -37.49	36.20 1.65 0.00	38.04 1.62 0.00	41.17 1.87 0.00	39.95 1.83 0.00	35.84 1.54 0.00	32.32 1.43 0.00	31.45 1.26 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.54 1.12 0.00	26.22 1.02 0.00	26.36 0.90 0.00	25.66 0.95 0.00	25.97 0.98 0.00	25.99 1.04 0.00	31.85 1.30 0.00	29.57 1.51 0.00	28.98 1.68 0.00	30.58 1.81 0.00	32.01 1.85 -0.24	32.68 1.80 -0.12	30.87 1.68 -0.04	32.31 1.81 0.00	30.80 1.66 -1.59	35.15 1.80 0.00	38.45 1.81 0.00	36.21 1.66 0.00	38.05 1.63 0.00	41.17 1.87 0.00	39.95 1.84 0.00	35.84 1.55 0.00	32.32 1.43 0.00	31.46 1.27 0.00

RAVENSWOOD_GT_9 24257	29.54 1.12 0.00	26.22 1.02 0.00	26.36 0.90 0.00	25.66 0.95 0.00	25.97 0.98 0.00	25.99 1.04 0.00	31.85 1.30 0.00	29.57 1.51 0.00	28.98 1.68 0.00	30.58 1.81 0.00	32.01 1.85 -0.24	32.68 1.80 -0.12	30.87 1.68 -0.04	32.31 1.81 0.00	30.80 1.66 -1.59	35.15 1.80 0.00	38.45 1.81 0.00	36.21 1.66 0.00	38.05 1.63 0.00	41.17 1.87 0.00	39.95 1.84 0.00	35.84 1.55 0.00	32.32 1.43 0.00	31.46 1.27 0.00
RAVENSWOOD___1 23533	29.58 1.16 0.00	26.25 1.05 0.00	26.39 0.93 0.00	25.71 1.01 0.00	26.02 1.03 0.00	26.04 1.10 0.00	31.92 1.38 0.00	29.64 1.58 0.00	29.06 1.76 0.00	30.67 1.90 0.00	32.10 1.95 -0.24	32.79 1.91 -0.12	30.97 1.79 -0.04	32.42 1.92 0.00	30.90 1.76 -1.59	35.25 1.91 0.00	38.60 1.95 0.00	36.29 1.74 0.00	38.10 1.68 0.00	41.22 1.93 0.00	40.00 1.89 0.00	35.92 1.62 0.00	32.39 1.50 0.00	31.50 1.31 0.00
RAVENSWOOD___2 23534	29.58 1.16 0.00	26.25 1.05 0.00	26.39 0.93 0.00	25.71 1.01 0.00	26.02 1.03 0.00	26.04 1.10 0.00	31.92 1.38 0.00	29.64 1.58 0.00	29.06 1.76 0.00	30.67 1.90 0.00	32.09 1.93 -0.24	32.77 1.89 -0.12	30.96 1.78 -0.04	32.40 1.90 0.00	30.88 1.74 -1.59	35.23 1.89 0.00	-9.91 1.93 48.49	36.27 1.73 0.00	38.08 1.67 0.00	41.20 1.90 0.00	39.98 1.87 0.00	35.90 1.60 0.00	32.37 1.49 0.00	31.49 1.30 0.00
RAVENSWOOD___3 23535	29.55 1.12 0.00	26.22 1.02 0.00	26.36 0.90 0.00	25.66 0.95 0.00	25.97 0.98 0.00	26.00 1.05 0.00	31.85 1.30 0.00	29.58 1.52 0.00	28.99 1.69 0.00	30.59 1.81 0.00	32.01 1.85 -0.24	32.68 1.80 -0.12	30.87 1.68 -0.04	32.31 1.81 0.00	30.81 1.67 -1.59	35.14 1.80 0.00	38.46 1.82 0.00	36.22 1.67 0.00	38.05 1.63 0.00	41.17 1.87 0.00	39.95 1.84 0.00	35.85 1.55 0.00	32.33 1.44 0.00	31.46 1.27 0.00
RAVENSWOOD___4 23820	29.58 1.16 0.00	26.25 1.05 0.00	26.39 0.93 0.00	25.71 1.01 0.00	26.02 1.03 0.00	26.04 1.10 0.00	31.92 1.38 0.00	29.64 1.58 0.00	29.06 1.76 0.00	30.67 1.90 0.00	32.09 1.93 -0.24	32.77 1.89 -0.12	30.96 1.78 -0.04	32.40 1.90 0.00	30.88 1.74 -1.59	35.23 1.89 0.00	-9.91 1.93 48.49	36.27 1.73 0.00	38.08 1.67 0.00	41.20 1.90 0.00	39.98 1.87 0.00	35.90 1.60 0.00	32.37 1.49 0.00	31.49 1.30 0.00
RCPI_TRUST___DRP 24196	29.57 1.15 0.00	26.23 1.03 0.00	26.38 0.93 0.00	25.68 0.97 0.00	25.99 1.00 0.00	26.02 1.07 0.00	31.89 1.35 0.00	29.62 1.56 0.00	29.04 1.74 0.00	30.66 1.88 0.00	32.08 1.93 -0.24	32.75 1.88 -0.12	30.94 1.75 -0.04	32.39 1.88 0.00	30.87 1.73 -1.59	35.22 1.88 0.00	38.53 1.88 0.00	36.29 1.74 0.00	38.13 1.71 0.00	41.24 1.94 0.00	40.00 1.88 0.00	35.89 1.59 0.00	32.36 1.47 0.00	31.49 1.30 0.00
RED___ROCHESTER 323720	28.22 -0.20 0.00	24.77 -0.44 0.00	25.06 -0.40 0.00	24.26 -0.46 0.00	24.48 -0.51 0.00	24.56 -0.39 0.00	30.34 -0.21 0.00	27.72 -0.34 0.00	26.92 -0.38 0.00	28.63 -0.15 0.00	30.00 0.08 0.00	31.29 0.54 0.00	29.78 0.64 0.00	30.96 0.46 0.00	27.73 0.18 0.00	33.33 -0.01 0.00	37.06 0.41 0.00	35.11 0.56 0.00	37.23 0.81 0.00	39.70 0.40 0.00	38.33 0.21 0.00	34.69 0.39 0.00	31.12 0.23 0.00	30.17 -0.02 0.00
REGAN___SOLAR 323812	30.07 1.65 0.00	26.61 1.41 0.00	26.86 1.40 0.00	26.07 1.36 0.00	26.38 1.39 0.00	26.40 1.45 0.00	32.54 1.99 0.00	29.96 1.90 0.00	28.72 1.42 0.00	29.39 0.62 0.00	30.27 0.51 0.16	31.24 0.57 0.08	29.88 0.77 0.03	31.21 0.71 0.00	28.14 0.59 0.00	34.79 1.44 0.00	38.84 2.20 0.00	36.91 2.36 0.00	39.17 2.75 0.00	42.45 3.15 0.00	41.02 2.91 0.00	36.82 2.52 0.00	33.03 2.14 0.00	32.11 1.92 0.00
RENSSELAER___COGEN 23796	28.58 0.16 0.00	25.37 0.17 0.00	25.68 0.22 0.00	24.90 0.19 0.00	25.20 0.21 0.00	25.18 0.23 0.00	30.66 0.11 0.00	28.24 0.19 0.00	27.50 0.20 0.00	28.92 0.15 0.00	29.74 0.03 0.21	30.63 -0.01 0.11	29.14 0.04 0.04	30.63 0.13 0.00	28.02 0.16 -0.30	33.63 0.29 0.00	36.81 0.16 0.00	34.68 0.13 0.00	36.47 0.05 0.00	39.61 0.32 0.00	38.46 0.34 0.00	34.50 0.20 0.00	31.03 0.14 0.00	30.31 0.12 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.23 1.81 0.00	26.33 1.13 0.00	26.50 1.04 0.00	25.74 1.03 0.00	26.91 1.92 0.00	27.61 2.66 0.00	34.01 3.47 0.00	31.39 3.33 0.00	30.61 3.31 0.00	31.74 2.96 0.00	32.46 2.77 0.23	33.66 3.03 0.12	32.50 3.40 0.04	34.38 3.88 0.00	31.37 3.52 -0.29	38.06 4.71 0.00	41.89 5.24 0.00	39.30 4.74 0.00	41.46 5.04 0.00	45.56 6.26 0.00	42.90 4.79 0.00	38.34 4.05 0.00	34.32 3.43 0.00	33.61 3.41 0.00
REVERE_CPFR_DRP 24186	29.53 1.11 0.00	26.10 0.90 0.00	26.40 0.94 0.00	25.56 0.85 0.00	25.86 0.87 0.00	25.92 0.97 0.00	31.95 1.40 0.00	29.33 1.27 0.00	28.45 1.15 0.00	29.83 1.05 0.00	30.92 1.00 0.00	31.89 1.14 0.00	30.28 1.14 0.00	31.78 1.28 0.00	28.84 1.29 0.00	34.94 1.59 0.00	38.60 1.95 0.00	36.54 1.99 0.00	38.66 2.24 0.00	41.63 2.34 0.00	40.24 2.12 0.00	36.11 1.81 0.00	32.39 1.51 0.00	31.50 1.30 0.00
REYNOLDS_115KV_TB3 80639	28.90 0.48 0.00	25.64 0.44 0.00	25.91 0.46 0.00	25.12 0.41 0.00	25.42 0.43 0.00	25.39 0.44 0.00	30.88 0.34 0.00	28.45 0.39 0.00	27.69 0.39 0.00	29.13 0.35 0.00	29.90 0.24 0.26	30.81 0.19 0.13	29.34 0.24 0.05	30.85 0.35 0.00	28.21 0.35 -0.32	33.85 0.50 0.00	37.01 0.36 0.00	34.85 0.30 0.00	36.65 0.23 0.00	39.83 0.53 0.00	38.70 0.58 0.00	34.72 0.42 0.00	31.24 0.35 0.00	30.54 0.35 0.00
RIVERBAY____ 323610	29.98 1.56 0.00	26.62 1.41 0.00	26.85 1.39 0.00	26.13 1.42 0.00	26.49 1.50 0.00	26.48 1.53 0.00	32.38 1.83 0.00	30.02 1.96 0.00	29.36 2.06 0.00	30.94 2.16 0.00	32.38 2.22 -0.24	33.07 2.20 -0.12	31.22 2.04 -0.04	32.66 2.16 0.00	31.11 1.97 -1.59	35.49 2.14 0.00	38.90 2.25 0.00	36.58 2.04 0.00	38.41 2.00 0.00	41.61 2.31 0.00	40.41 2.30 0.00	36.27 1.97 0.00	32.73 1.84 0.00	31.82 1.63 0.00
RIVERSDE_115KV_TB3 55908	28.73 0.31 0.00	25.49 0.29 0.00	25.77 0.31 0.00	24.98 0.27 0.00	25.29 0.30 0.00	25.26 0.32 0.00	30.76 0.22 0.00	28.35 0.28 0.00	27.60 0.30 0.00	29.04 0.26 0.00	29.86 0.15 0.22	30.76 0.12 0.11	29.28 0.17 0.04	30.77 0.27 0.00	28.16 0.30 -0.31	33.79 0.44 0.00	36.98 0.33 0.00	34.82 0.27 0.00	36.62 0.20 0.00	39.77 0.47 0.00	38.61 0.49 0.00	34.63 0.33 0.00	31.15 0.26 0.00	30.42 0.23 0.00
ROARING___BROOK_WT_PWR 323790	28.41 -0.01 0.00	25.24 0.04 0.00	25.44 -0.03 0.00	24.71 0.00 0.00	24.93 -0.06 0.00	24.91 -0.04 0.00	30.52 -0.03 0.00	27.98 -0.08 0.00	27.17 -0.13 0.00	28.66 -0.12 0.00	29.79 -0.13 0.00	30.57 -0.18 0.00	28.92 -0.22 0.00	30.23 -0.27 0.00	27.32 -0.23 0.00	33.14 -0.21 0.00	36.51 -0.13 0.00	34.35 -0.20 0.00	36.20 -0.22 0.00	39.03 -0.27 0.00	37.90 -0.21 0.00	34.20 -0.10 0.00	30.84 -0.04 0.00	30.23 0.03 0.00

ROCHESRG_115KV_T4 355643	27.93 -0.50 0.00	24.52 -0.68 0.00	24.82 -0.64 0.00	24.03 -0.68 0.00	24.25 -0.74 0.00	24.32 -0.63 0.00	30.03 -0.51 0.00	27.43 -0.63 0.00	26.64 -0.66 0.00	28.32 -0.46 0.00	29.65 -0.27 0.00	30.89 0.14 0.00	29.41 0.27 0.00	30.57 0.07 0.00	27.36 -0.19 0.00	32.90 -0.44 0.00	36.52 -0.13 0.00	34.60 0.05 0.00	36.69 0.27 0.00	39.12 -0.18 0.00	37.80 -0.31 0.00	34.24 -0.06 0.00	30.75 -0.14 0.00	29.84 -0.36 0.00
ROCHESTER_9_IC 23652	28.08 -0.34 0.00	24.66 -0.55 0.00	24.95 -0.51 0.00	24.16 -0.56 0.00	24.37 -0.61 0.00	24.45 -0.50 0.00	30.20 -0.34 0.00	27.59 -0.47 0.00	26.80 -0.50 0.00	28.49 -0.29 0.00	29.84 -0.08 0.00	31.09 0.33 0.00	29.62 0.47 0.00	30.78 0.28 0.00	27.57 0.02 0.00	33.14 -0.20 0.00	36.81 0.16 0.00	34.88 0.33 0.00	36.98 0.56 0.00	39.44 0.14 0.00	38.09 -0.03 0.00	34.48 0.18 0.00	30.94 0.06 0.00	30.02 -0.18 0.00
ROCKVIEW_13_KV_LD 356306	29.53 1.11 0.00	26.20 1.00 0.00	26.37 0.91 0.00	25.64 0.93 0.00	25.96 0.97 0.00	25.98 1.03 0.00	31.84 1.30 0.00	29.54 1.48 0.00	28.93 1.64 0.00	30.52 1.75 0.00	31.95 1.79 -0.24	32.63 1.75 -0.12	30.82 1.64 -0.04	32.26 1.76 0.00	30.75 1.62 -1.59	35.09 1.75 0.00	38.40 1.75 0.00	36.18 1.63 0.00	38.02 1.60 0.00	41.17 1.87 0.00	39.93 1.81 0.00	35.83 1.53 0.00	32.30 1.41 0.00	31.44 1.24 0.00
ROME____115KV_TB2 80656	29.53 1.11 0.00	26.10 0.90 0.00	26.40 0.94 0.00	25.56 0.85 0.00	25.86 0.87 0.00	25.92 0.97 0.00	31.95 1.40 0.00	29.33 1.27 0.00	28.45 1.15 0.00	29.83 1.05 0.00	30.92 1.00 0.00	31.89 1.14 0.00	30.28 1.14 0.00	31.78 1.28 0.00	28.84 1.29 0.00	34.94 1.59 0.00	38.60 1.95 0.00	36.54 1.99 0.00	38.66 2.24 0.00	41.63 2.34 0.00	40.24 2.12 0.00	36.11 1.81 0.00	32.39 1.51 0.00	31.50 1.30 0.00
ROSETON____1 23587	29.12 0.69 0.00	25.83 0.63 0.00	26.03 0.58 0.00	25.30 0.59 0.00	25.61 0.62 0.00	25.60 0.65 0.00	31.34 0.79 0.00	29.01 0.95 0.00	28.38 1.08 0.00	29.90 1.13 0.00	31.27 1.13 -0.22	31.94 1.07 -0.11	30.18 1.00 -0.04	31.61 1.11 0.00	28.57 1.02 0.00	34.43 1.09 0.00	37.70 1.05 0.00	35.53 0.98 0.00	37.38 0.96 0.00	40.50 1.19 0.00	39.27 1.16 0.00	35.23 0.93 0.00	31.74 0.86 0.00	30.95 0.76 0.00
ROSETON____2 23588	29.12 0.69 0.00	25.83 0.63 0.00	26.03 0.58 0.00	25.30 0.59 0.00	25.61 0.62 0.00	25.60 0.65 0.00	31.34 0.79 0.00	29.01 0.95 0.00	28.38 1.08 0.00	29.90 1.13 0.00	31.27 1.13 -0.22	31.94 1.07 -0.11	30.18 1.00 -0.04	31.61 1.11 0.00	28.57 1.02 0.00	34.43 1.09 0.00	37.70 1.05 0.00	35.53 0.98 0.00	37.38 0.96 0.00	40.50 1.19 0.00	39.27 1.16 0.00	35.23 0.93 0.00	31.74 0.86 0.00	30.95 0.76 0.00
ROTTTRDAM_115KV_TB3 80664	29.12 0.70 0.00	25.80 0.60 0.00	26.05 0.60 0.00	25.28 0.57 0.00	25.59 0.60 0.00	25.59 0.63 0.00	31.28 0.73 0.00	28.82 0.76 0.00	28.02 0.72 0.00	29.39 0.62 0.00	30.31 0.57 0.18	31.21 0.55 0.09	29.69 0.58 0.03	31.16 0.66 0.00	28.46 0.63 -0.28	34.22 0.88 0.00	37.59 0.94 0.00	35.43 0.88 0.00	37.34 0.92 0.00	40.46 1.16 0.00	39.22 1.11 0.00	35.21 0.91 0.00	31.67 0.78 0.00	30.91 0.71 0.00
RUSSELL____1 23602	28.22 -0.20 0.00	24.76 -0.44 0.00	25.06 -0.40 0.00	24.26 -0.46 0.00	24.48 -0.51 0.00	24.56 -0.39 0.00	30.34 -0.21 0.00	27.72 -0.34 0.00	26.92 -0.38 0.00	28.63 -0.15 0.00	29.99 0.07 0.00	31.26 0.51 0.00	29.78 0.64 0.00	30.96 0.46 0.00	27.73 0.18 0.00	33.33 -0.02 0.00	37.06 0.41 0.00	35.11 0.56 0.00	37.23 0.81 0.00	39.70 0.40 0.00	38.34 0.22 0.00	34.69 0.39 0.00	31.12 0.24 0.00	30.17 -0.03 0.00
RUSSELL____2 23532	28.22 -0.20 0.00	24.76 -0.44 0.00	25.06 -0.40 0.00	24.26 -0.46 0.00	24.48 -0.51 0.00	24.56 -0.39 0.00	30.34 -0.21 0.00	27.72 -0.34 0.00	26.92 -0.38 0.00	28.63 -0.15 0.00	29.99 0.07 0.00	31.26 0.51 0.00	29.78 0.64 0.00	30.96 0.46 0.00	27.73 0.18 0.00	33.33 -0.02 0.00	37.06 0.41 0.00	35.11 0.56 0.00	37.23 0.81 0.00	39.70 0.40 0.00	38.34 0.22 0.00	34.69 0.39 0.00	31.12 0.24 0.00	30.17 -0.03 0.00
RUSSELL____3 23549	28.22 -0.20 0.00	24.76 -0.44 0.00	25.06 -0.40 0.00	24.26 -0.46 0.00	24.48 -0.51 0.00	24.56 -0.39 0.00	30.34 -0.21 0.00	27.72 -0.34 0.00	26.92 -0.38 0.00	28.63 -0.15 0.00	29.99 0.07 0.00	31.26 0.51 0.00	29.78 0.64 0.00	30.96 0.46 0.00	27.73 0.18 0.00	33.33 -0.02 0.00	37.06 0.41 0.00	35.11 0.56 0.00	37.23 0.81 0.00	39.70 0.40 0.00	38.34 0.22 0.00	34.69 0.39 0.00	31.12 0.24 0.00	30.17 -0.03 0.00
RUSSELL____4 23556	28.22 -0.20 0.00	24.76 -0.44 0.00	25.06 -0.40 0.00	24.26 -0.46 0.00	24.48 -0.51 0.00	24.56 -0.39 0.00	30.34 -0.21 0.00	27.72 -0.34 0.00	26.92 -0.38 0.00	28.63 -0.15 0.00	29.99 0.07 0.00	31.26 0.51 0.00	29.78 0.64 0.00	30.96 0.46 0.00	27.73 0.18 0.00	33.33 -0.02 0.00	37.06 0.41 0.00	35.11 0.56 0.00	37.23 0.81 0.00	39.70 0.40 0.00	38.34 0.22 0.00	34.69 0.39 0.00	31.12 0.24 0.00	30.17 -0.03 0.00
RUSSELL____STATION 23914	28.22 -0.20 0.00	24.76 -0.44 0.00	25.06 -0.40 0.00	24.26 -0.46 0.00	24.48 -0.51 0.00	24.56 -0.39 0.00	30.34 -0.21 0.00	27.72 -0.34 0.00	26.92 -0.38 0.00	28.63 -0.15 0.00	29.99 0.07 0.00	31.26 0.51 0.00	29.78 0.64 0.00	30.96 0.46 0.00	27.73 0.18 0.00	33.33 -0.02 0.00	37.06 0.41 0.00	35.11 0.56 0.00	37.23 0.81 0.00	39.70 0.40 0.00	38.34 0.22 0.00	34.69 0.39 0.00	31.12 0.24 0.00	30.17 -0.03 0.00
S SALMON____HYD 24043	28.59 0.17 0.00	25.31 0.10 0.00	25.53 0.07 0.00	24.75 0.04 0.00	25.03 0.04 0.00	25.06 0.11 0.00	30.86 0.31 0.00	28.36 0.30 0.00	27.53 0.23 0.00	28.85 0.08 0.00	29.93 0.00 0.00	30.80 0.04 0.00	29.19 0.05 0.00	30.62 0.12 0.00	27.70 0.15 0.00	33.69 0.34 0.00	37.14 0.50 0.00	35.03 0.48 0.00	37.20 0.78 0.00	40.03 0.73 0.00	38.70 0.58 0.00	34.85 0.55 0.00	31.30 0.42 0.00	30.45 0.25 0.00
S.PERRY__115KV_TB1 80734	28.97 0.55 0.00	25.42 0.22 0.00	25.74 0.28 0.00	24.91 0.20 0.00	25.17 0.18 0.00	25.36 0.40 0.00	31.51 0.96 0.00	28.88 0.82 0.00	27.95 0.64 0.00	29.35 0.57 0.00	30.61 0.68 0.00	31.89 1.14 0.00	30.34 1.20 0.00	31.68 1.18 0.00	28.32 0.76 0.00	34.08 0.73 0.00	38.00 1.35 0.00	36.28 1.73 0.00	38.73 2.31 0.00	41.42 2.13 0.00	39.94 1.82 0.00	36.11 1.81 0.00	32.32 1.44 0.00	31.25 1.06 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.85 -0.57 0.00	24.36 -0.84 0.00	24.70 -0.76 0.00	23.88 -0.84 0.00	24.07 -0.92 0.00	24.16 -0.79 0.00	29.92 -0.63 0.00	27.18 -0.88 0.00	26.39 -0.91 0.00	28.25 -0.52 0.00	29.72 -0.20 0.00	31.15 0.39 0.00	29.65 0.51 0.00	30.74 0.24 0.00	27.25 -0.30 0.00	32.79 -0.59 -0.03	36.37 -0.28 0.00	34.57 0.02 0.00	36.71 0.29 0.00	38.87 -0.43 0.00	37.51 -0.60 0.00	34.23 -0.07 0.00	30.78 -0.10 0.00	29.85 -0.35 0.00

SAWYER___23_KV_LOAD 55526	27.85 -0.57 0.00	24.36 -0.84 0.00	24.70 -0.76 0.00	23.88 -0.84 0.00	24.07 -0.92 0.00	24.16 -0.79 0.00	29.92 -0.63 0.00	27.18 -0.88 0.00	26.39 -0.91 0.00	28.25 -0.52 0.00	29.72 -0.20 0.00	31.15 0.39 0.00	29.65 0.51 0.00	30.74 0.24 0.00	27.25 -0.30 0.00	32.79 -0.59 -0.03	36.37 -0.28 0.00	34.57 0.02 0.00	36.71 0.29 0.00	38.87 -0.43 0.00	37.51 -0.60 0.00	34.23 -0.07 0.00	30.78 -0.10 0.00	29.85 -0.35 0.00
SELKIRK___I 23801	28.87 0.45 0.00	25.64 0.44 0.00	25.98 0.52 0.00	25.20 0.48 0.00	25.49 0.51 0.00	25.46 0.51 0.00	31.05 0.51 0.00	28.56 0.50 0.00	27.75 0.45 0.00	29.13 0.35 0.00	29.97 0.19 0.14	30.86 0.18 0.07	29.32 0.21 0.03	30.76 0.26 0.00	27.85 0.30 0.00	33.87 0.53 0.00	37.15 0.50 0.00	35.05 0.50 0.00	36.89 0.47 0.00	40.05 0.75 0.00	38.87 0.75 0.00	34.89 0.59 0.00	31.39 0.50 0.00	30.66 0.47 0.00
SELKIRK___II 23799	28.52 0.10 0.00	25.37 0.17 0.00	25.78 0.32 0.00	25.00 0.29 0.00	25.30 0.31 0.00	25.28 0.33 0.00	30.81 0.26 0.00	28.38 0.32 0.00	27.63 0.32 0.00	29.04 0.27 0.00	29.89 0.15 0.19	30.77 0.11 0.10	29.27 0.15 0.03	30.74 0.23 0.00	28.10 0.25 -0.29	33.74 0.40 0.00	36.96 0.31 0.00	34.83 0.28 0.00	36.65 0.23 0.00	39.79 0.48 0.00	38.63 0.52 0.00	34.65 0.35 0.00	31.17 0.28 0.00	30.44 0.25 0.00
SENECA OSWGO___HYD 24041	28.01 -0.41 0.00	24.81 -0.39 0.00	25.07 -0.39 0.00	24.34 -0.37 0.00	24.61 -0.38 0.00	24.59 -0.36 0.00	30.20 -0.35 0.00	27.78 -0.28 0.00	27.02 -0.29 0.00	28.48 -0.30 0.00	29.63 -0.29 0.00	30.51 -0.24 0.00	28.96 -0.18 0.00	30.34 -0.16 0.00	27.38 -0.17 0.00	33.13 -0.21 0.00	36.45 -0.20 0.00	34.35 -0.20 0.00	36.32 -0.10 0.00	39.12 -0.18 0.00	37.85 -0.26 0.00	34.06 -0.24 0.00	30.61 -0.28 0.00	29.80 -0.40 0.00
SENECA___115KV_TB3 355854	28.28 -0.14 0.00	24.75 -0.45 0.00	25.09 -0.36 0.00	24.27 -0.44 0.00	24.47 -0.52 0.00	24.56 -0.39 0.00	30.45 -0.09 0.00	27.74 -0.32 0.00	26.95 -0.35 0.00	28.83 0.05 0.00	30.35 0.43 0.00	31.77 1.02 0.00	30.23 1.09 0.00	31.38 0.87 0.00	27.86 0.30 0.00	33.55 0.18 -0.02	37.18 0.53 0.00	35.32 0.77 0.00	37.51 1.09 0.00	39.73 0.43 0.00	38.32 0.21 0.00	34.92 0.62 0.00	31.35 0.46 0.00	30.37 0.17 0.00
SENECA___ENERGY 23797	28.19 -0.23 0.00	24.92 -0.28 0.00	25.17 -0.28 0.00	24.43 -0.28 0.00	24.66 -0.33 0.00	24.71 -0.24 0.00	30.55 0.00 0.00	28.12 0.06 0.00	27.32 0.02 0.00	28.86 0.09 0.00	30.12 0.20 0.00	31.21 0.46 0.00	29.66 0.52 0.00	30.95 0.46 0.00	27.86 0.30 0.00	33.59 0.25 0.00	37.01 0.36 0.00	35.02 0.47 0.00	37.08 0.66 0.00	39.83 0.53 0.00	38.46 0.34 0.00	34.66 0.37 0.00	31.09 0.21 0.00	30.20 0.00 0.00
SHOEMAKER___GT 23640	29.02 0.59 0.00	25.72 0.52 0.00	25.94 0.49 0.00	25.21 0.50 0.00	25.52 0.53 0.00	25.49 0.54 0.00	31.24 0.69 0.00	28.89 0.83 0.00	28.24 0.94 0.00	29.76 0.99 0.00	31.12 1.01 -0.19	31.80 0.94 -0.10	30.01 0.83 -0.04	31.45 0.95 0.00	26.73 0.88 1.70	34.21 0.86 0.00	37.48 0.83 0.00	35.42 0.87 0.00	37.33 0.91 0.00	40.44 1.14 0.00	39.19 1.07 0.00	35.16 0.86 0.00	31.66 0.77 0.00	30.86 0.66 0.00
SHOEMAKR_138KV_BK 111 55601	29.00 0.58 0.00	25.71 0.51 0.00	25.93 0.47 0.00	25.20 0.49 0.00	25.50 0.51 0.00	25.48 0.53 0.00	31.21 0.67 0.00	28.88 0.82 0.00	28.24 0.94 0.00	29.76 0.99 0.00	31.12 1.00 -0.19	31.80 0.95 -0.10	30.01 0.83 -0.03	31.45 0.95 0.00	26.81 0.88 1.62	34.22 0.88 0.00	37.49 0.84 0.00	35.41 0.86 0.00	37.31 0.90 0.00	40.40 1.10 0.00	39.16 1.04 0.00	35.13 0.83 0.00	31.65 0.76 0.00	30.84 0.64 0.00
SHOREHAM_IC_1 23715	54.08 0.69 -24.98	27.44 0.80 -1.45	26.15 0.70 0.00	25.44 0.73 0.00	25.80 0.81 0.00	25.86 0.88 -0.03	60.89 1.15 -29.19	67.64 1.36 -38.21	32.84 1.52 -4.02	30.38 1.49 -0.11	32.30 1.62 -0.76	32.40 1.44 -0.21	32.54 1.45 -1.96	32.75 1.48 -0.77	33.58 1.39 -4.64	34.35 1.01 0.00	37.17 0.52 0.00	35.29 0.75 0.00	36.90 0.48 0.00	40.42 1.12 0.00	39.09 0.98 0.00	35.05 0.75 0.00	31.96 1.01 -0.06	31.32 0.89 -0.23
SHOREHAM_IC_2 23716	54.08 0.69 -24.98	27.44 0.80 -1.45	26.15 0.70 0.00	25.44 0.73 0.00	25.80 0.81 0.00	25.86 0.88 -0.03	60.89 1.15 -29.19	67.64 1.36 -38.21	32.84 1.52 -4.02	30.38 1.49 -0.11	32.30 1.62 -0.76	32.40 1.44 -0.21	32.54 1.45 -1.96	32.75 1.48 -0.77	33.58 1.39 -4.64	34.35 1.01 0.00	37.17 0.52 0.00	35.29 0.75 0.00	36.90 0.48 0.00	40.42 1.12 0.00	39.09 0.98 0.00	35.05 0.75 0.00	31.96 1.01 -0.06	31.32 0.89 -0.23
SISSONVILLE____ 23735	28.89 0.47 0.00	25.69 0.49 0.00	25.87 0.41 0.00	25.09 0.38 0.00	25.34 0.35 0.00	25.32 0.38 0.00	31.12 0.58 0.00	28.46 0.40 0.00	27.51 0.21 0.00	28.91 0.13 0.00	29.95 0.03 0.00	30.67 -0.09 0.00	28.97 -0.17 0.00	30.27 -0.23 0.00	27.41 -0.14 0.00	33.43 0.08 0.00	36.90 0.25 0.00	34.71 0.16 0.00	36.76 0.34 0.00	39.59 0.29 0.00	38.47 0.36 0.00	34.75 0.45 0.00	31.32 0.43 0.00	30.74 0.54 0.00
SITHE_IND_GS1 24169	27.67 -0.75 0.00	24.52 -0.68 0.00	24.77 -0.69 0.00	24.04 -0.66 0.00	24.32 -0.67 0.00	24.29 -0.66 0.00	29.78 -0.77 0.00	27.37 -0.69 0.00	26.63 -0.67 0.00	28.08 -0.70 0.00	29.24 -0.69 0.00	30.14 -0.61 0.00	28.59 -0.55 0.00	29.89 -0.61 0.00	26.98 -0.57 0.00	32.62 -0.72 0.00	35.89 -0.76 0.00	33.78 -0.77 0.00	35.71 -0.71 0.00	38.45 -0.85 0.00	37.24 -0.87 0.00	33.54 -0.76 0.00	30.17 -0.72 0.00	29.40 -0.79 0.00
SITHE_IND_GS2 24170	27.67 -0.75 0.00	24.52 -0.68 0.00	24.77 -0.69 0.00	24.04 -0.66 0.00	24.32 -0.67 0.00	24.29 -0.66 0.00	29.78 -0.77 0.00	27.37 -0.69 0.00	26.63 -0.67 0.00	28.08 -0.70 0.00	29.24 -0.69 0.00	30.14 -0.61 0.00	28.59 -0.55 0.00	29.89 -0.61 0.00	26.98 -0.57 0.00	32.62 -0.72 0.00	35.89 -0.76 0.00	33.78 -0.77 0.00	35.71 -0.71 0.00	38.45 -0.85 0.00	37.24 -0.87 0.00	33.54 -0.76 0.00	30.17 -0.72 0.00	29.40 -0.79 0.00
SITHE_IND_GS3 24171	27.67 -0.75 0.00	24.52 -0.68 0.00	24.77 -0.69 0.00	24.04 -0.66 0.00	24.32 -0.67 0.00	24.29 -0.66 0.00	29.78 -0.77 0.00	27.37 -0.69 0.00	26.63 -0.67 0.00	28.08 -0.70 0.00	29.24 -0.69 0.00	30.14 -0.61 0.00	28.59 -0.55 0.00	29.89 -0.61 0.00	26.98 -0.57 0.00	32.62 -0.72 0.00	35.89 -0.76 0.00	33.78 -0.77 0.00	35.71 -0.71 0.00	38.45 -0.85 0.00	37.24 -0.87 0.00	33.54 -0.76 0.00	30.17 -0.72 0.00	29.40 -0.79 0.00
SITHE_IND_GS4 24172	27.67 -0.75 0.00	24.52 -0.68 0.00	24.77 -0.69 0.00	24.04 -0.66 0.00	24.32 -0.67 0.00	24.29 -0.66 0.00	29.78 -0.77 0.00	27.37 -0.69 0.00	26.63 -0.67 0.00	28.08 -0.70 0.00	29.24 -0.69 0.00	30.14 -0.61 0.00	28.59 -0.55 0.00	29.89 -0.61 0.00	26.98 -0.57 0.00	32.62 -0.72 0.00	35.89 -0.76 0.00	33.78 -0.77 0.00	35.71 -0.71 0.00	38.45 -0.85 0.00	37.24 -0.87 0.00	33.54 -0.76 0.00	30.17 -0.72 0.00	29.40 -0.79 0.00

SITHE___BATAVIA 24024	28.49 0.07 0.00	24.91 -0.29 0.00	25.25 -0.21 0.00	24.40 -0.31 0.00	24.60 -0.38 0.00	24.72 -0.23 0.00	30.66 0.11 0.00	27.92 -0.14 0.00	27.10 -0.20 0.00	28.86 0.09 0.00	30.25 0.33 0.00	31.57 0.82 0.00	30.16 1.02 0.00	31.52 1.02 0.00	27.81 0.26 0.00	33.92 0.57 0.00	37.30 0.65 0.00	35.39 0.84 0.00	37.77 1.35 0.00	40.19 0.89 0.00	38.76 0.65 0.00	35.22 0.92 0.00	31.57 0.69 0.00	30.59 0.39 0.00
SITHE___INDEPEND 23800	27.67 -0.75 0.00	24.52 -0.68 0.00	24.77 -0.69 0.00	24.04 -0.67 0.00	24.32 -0.67 0.00	24.29 -0.66 0.00	29.78 -0.77 0.00	27.37 -0.69 0.00	26.63 -0.67 0.00	28.08 -0.70 0.00	29.24 -0.69 0.00	30.14 -0.61 0.00	28.59 -0.55 0.00	29.89 -0.61 0.00	26.98 -0.57 0.00	32.62 -0.72 0.00	35.89 -0.76 0.00	33.78 -0.77 0.00	35.71 -0.71 0.00	38.45 -0.85 0.00	37.24 -0.87 0.00	33.54 -0.76 0.00	30.17 -0.72 0.00	29.40 -0.79 0.00
SITHE___MASSENA 23902	28.76 0.34 0.00	25.57 0.37 0.00	25.77 0.31 0.00	25.01 0.30 0.00	25.25 0.26 0.00	25.22 0.27 0.00	30.92 0.37 0.00	28.26 0.20 0.00	27.37 0.07 0.00	28.86 0.09 0.00	29.98 0.06 0.00	30.73 -0.03 0.00	29.02 -0.12 0.00	30.29 -0.20 0.00	27.40 -0.15 0.00	33.32 -0.03 0.00	36.79 0.15 0.00	34.56 0.01 0.00	36.48 0.06 0.00	39.28 -0.02 0.00	38.19 0.07 0.00	34.52 0.22 0.00	31.16 0.28 0.00	30.62 0.43 0.00
SITHE___OGDNSBRG 24021	29.33 0.91 0.00	26.08 0.88 0.00	26.25 0.79 0.00	25.47 0.76 0.00	25.72 0.73 0.00	25.71 0.76 0.00	31.61 1.07 0.00	28.87 0.81 0.00	27.81 0.50 0.00	29.14 0.36 0.00	30.08 0.16 0.00	30.78 0.02 0.00	29.05 -0.08 0.00	30.33 -0.17 0.00	27.50 -0.05 0.00	33.59 0.24 0.00	37.27 0.62 0.00	35.19 0.64 0.00	37.40 0.98 0.00	40.31 1.00 0.00	39.15 1.03 0.00	35.32 1.01 0.00	31.83 0.94 0.00	31.23 1.04 0.00
SITHE___STERLING 23777	29.18 0.75 0.00	25.81 0.61 0.00	26.08 0.63 0.00	25.30 0.59 0.00	25.60 0.61 0.00	25.63 0.68 0.00	31.55 1.01 0.00	29.01 0.95 0.00	28.15 0.85 0.00	29.55 0.77 0.00	30.66 0.74 0.00	31.67 0.92 0.00	30.05 0.91 0.00	31.49 0.99 0.00	28.52 0.97 0.00	34.54 1.20 0.00	38.12 1.47 0.00	36.04 1.49 0.00	38.10 1.68 0.00	41.07 1.77 0.00	39.71 1.60 0.00	35.65 1.35 0.00	32.00 1.11 0.00	31.12 0.93 0.00
SLEIGHT__34_KV_TB1 80719	28.06 -0.36 0.00	24.71 -0.49 0.00	24.99 -0.47 0.00	24.22 -0.49 0.00	24.44 -0.55 0.00	24.49 -0.46 0.00	30.24 -0.30 0.00	27.75 -0.31 0.00	26.96 -0.34 0.00	28.56 -0.22 0.00	29.79 -0.13 0.00	30.92 0.17 0.00	29.40 0.26 0.00	30.63 0.13 0.00	27.60 0.05 0.00	33.23 -0.12 0.00	36.78 0.13 0.00	34.77 0.22 0.00	36.83 0.41 0.00	39.43 0.13 0.00	38.09 -0.02 0.00	34.34 0.04 0.00	30.82 -0.07 0.00	29.91 -0.28 0.00
SOUTH CAIRO___GT 23612	29.57 1.15 0.00	26.24 1.04 0.00	26.64 1.18 0.00	25.80 1.09 0.00	26.13 1.14 0.00	26.16 1.21 0.00	31.99 1.44 0.00	29.44 1.38 0.00	28.58 1.28 0.00	29.83 1.05 0.00	30.62 0.80 0.10	31.48 0.77 0.05	29.89 0.77 0.02	31.37 0.86 0.00	28.46 0.91 0.00	34.85 1.51 0.00	38.31 1.66 0.00	36.30 1.75 0.00	38.27 1.85 0.00	41.70 2.40 0.00	40.38 2.27 0.00	36.15 1.85 0.00	32.34 1.45 0.00	31.48 1.29 0.00
SOUTH HAMPTN___IC 23720	54.52 1.12 -24.98	27.80 1.16 -1.45	26.52 1.07 0.00	25.80 1.09 0.00	26.17 1.18 0.00	26.21 1.22 -0.03	61.33 1.59 -29.19	68.06 1.78 -38.21	33.23 1.92 -4.02	30.79 1.90 -0.11	32.75 2.07 -0.76	32.92 1.96 -0.21	32.97 1.88 -1.96	33.19 1.92 -0.77	33.93 1.74 -4.64	34.70 1.36 0.00	37.55 0.90 0.00	35.69 1.14 0.00	37.27 0.85 0.00	40.90 1.60 0.00	39.44 1.33 0.00	35.27 0.97 0.00	32.15 1.20 -0.06	31.51 1.09 -0.23
SOUTHDOW_115KV_TB1 355954	28.95 0.52 0.00	25.32 0.12 0.00	25.68 0.22 0.00	24.91 0.20 0.00	25.24 0.25 0.00	25.28 0.33 0.00	31.56 1.02 0.00	29.12 1.06 0.00	28.32 1.01 0.00	30.29 1.52 0.00	31.88 1.96 0.00	33.29 2.54 0.00	31.55 2.41 0.00	32.81 2.31 0.00	29.27 1.71 0.00	35.32 1.95 -0.02	39.08 2.43 0.00	37.08 2.53 0.00	39.43 3.01 0.00	41.87 2.57 0.00	40.29 2.17 0.00	36.50 2.20 0.00	32.64 1.75 0.00	31.60 1.40 0.00
SOUTHOLD_69_KV_BK 2 55809	54.92 1.52 -24.98	28.16 1.51 -1.45	26.89 1.43 0.00	26.14 1.43 0.00	26.52 1.53 0.00	26.53 1.54 -0.03	61.72 1.98 -29.19	68.45 2.17 -38.21	33.59 2.27 -4.02	31.10 2.21 -0.11	33.13 2.45 -0.76	33.41 2.45 -0.21	33.29 2.20 -1.96	33.48 2.21 -0.77	34.14 1.94 -4.64	34.83 1.48 0.00	37.67 1.02 0.00	35.91 1.36 0.00	37.45 1.03 0.00	41.22 1.92 0.00	39.58 1.46 0.00	35.22 0.92 0.00	32.04 1.09 -0.06	31.44 1.01 -0.23
SOUTHOLD___IC 23719	54.93 1.53 -24.98	28.16 1.51 -1.45	26.89 1.43 0.00	26.14 1.43 0.00	26.52 1.53 0.00	26.53 1.55 -0.03	61.72 1.98 -29.19	68.45 2.17 -38.21	33.59 2.27 -4.02	31.10 2.21 -0.11	33.12 2.44 -0.76	33.38 2.42 -0.21	33.29 2.20 -1.96	33.48 2.21 -0.77	34.14 1.95 -4.64	34.82 1.48 0.00	37.67 1.02 0.00	35.91 1.36 0.00	37.45 1.03 0.00	41.22 1.92 0.00	39.58 1.47 0.00	35.22 0.92 0.00	32.05 1.10 -0.06	31.44 1.01 -0.23
SOUTH_FORK_WT_PWR 323839	54.95 1.55 -24.98	28.17 1.52 -1.45	26.91 1.45 0.00	26.15 1.44 0.00	26.53 1.54 0.00	26.51 1.53 -0.03	61.67 1.93 -29.19	68.41 2.14 -38.21	33.52 2.21 -4.02	31.00 2.11 -0.11	33.03 2.35 -0.76	33.32 2.36 -0.21	33.16 2.07 -1.96	33.33 2.06 -0.77	33.95 1.75 -4.64	34.51 1.17 0.00	37.30 0.65 0.00	35.62 1.07 0.00	37.10 0.68 0.00	40.94 1.64 0.00	39.20 1.08 0.00	34.76 0.46 0.00	31.63 0.68 -0.06	31.06 0.64 -0.23
SPIERFLS_115KV_TB 1 80737	29.68 1.26 0.00	26.17 0.97 0.00	26.41 0.95 0.00	25.61 0.90 0.00	26.11 1.13 0.00	26.27 1.32 0.00	32.18 1.63 0.00	29.67 1.62 0.00	28.86 1.57 0.00	30.17 1.40 0.00	31.01 1.31 0.22	32.00 1.36 0.12	30.60 1.50 0.04	32.19 1.69 0.00	29.41 1.57 -0.29	35.52 2.17 0.00	39.05 2.40 0.00	36.76 2.20 0.00	38.76 2.34 0.00	42.17 2.87 0.00	40.58 2.47 0.00	36.36 2.06 0.00	32.60 1.71 0.00	31.81 1.61 0.00
ST LAWRENCE____ 23600	28.41 -0.01 0.00	25.25 0.05 0.00	25.45 0.00 0.00	24.71 0.00 0.00	24.95 -0.04 0.00	24.91 -0.04 0.00	30.51 -0.04 0.00	27.90 -0.16 0.00	27.05 -0.25 0.00	28.55 -0.23 0.00	29.68 -0.24 0.00	30.43 -0.32 0.00	28.74 -0.40 0.00	30.01 -0.49 0.00	27.13 -0.42 0.00	32.96 -0.39 0.00	36.38 -0.27 0.00	34.14 -0.41 0.00	36.00 -0.41 0.00	38.78 -0.52 0.00	37.71 -0.40 0.00	34.09 -0.21 0.00	30.79 -0.10 0.00	30.23 0.03 0.00
STATE_CA_115KV_115_LB 55624	28.78 0.36 0.00	25.53 0.33 0.00	25.80 0.35 0.00	25.02 0.31 0.00	25.32 0.33 0.00	25.31 0.36 0.00	30.84 0.30 0.00	28.42 0.36 0.00	27.67 0.37 0.00	29.11 0.33 0.00	29.96 0.26 0.21	30.87 0.23 0.11	29.39 0.28 0.04	30.89 0.38 0.00	28.26 0.41 -0.30	33.93 0.59 0.00	37.14 0.49 0.00	34.99 0.44 0.00	36.80 0.38 0.00	39.93 0.63 0.00	38.75 0.63 0.00	34.75 0.45 0.00	31.24 0.36 0.00	30.50 0.30 0.00

STATE_ST_34_KV_LOAD 55959	28.56 0.13 0.00	25.26 0.06 0.00	25.52 0.07 0.00	24.78 0.07 0.00	24.95 -0.04 0.00	24.93 -0.02 0.00	30.69 0.15 0.00	28.23 0.17 0.00	27.45 0.14 0.00	28.95 0.17 0.00	30.14 0.21 0.00	31.14 0.39 0.00	29.55 0.41 0.00	30.87 0.36 0.00	27.85 0.30 0.00	33.64 0.30 0.00	37.07 0.42 0.00	34.98 0.43 0.00	37.03 0.61 0.00	39.82 0.51 0.00	38.49 0.37 0.00	34.64 0.34 0.00	31.12 0.23 0.00	30.27 0.07 0.00
STATION 5_MISC_HYD 23604	28.09 -0.34 0.00	24.66 -0.55 0.00	24.95 -0.51 0.00	24.16 -0.56 0.00	24.38 -0.61 0.00	24.45 -0.50 0.00	30.20 -0.34 0.00	27.59 -0.47 0.00	26.80 -0.50 0.00	28.49 -0.28 0.00	29.85 -0.07 0.00	31.12 0.37 0.00	29.62 0.48 0.00	30.78 0.28 0.00	27.57 0.02 0.00	33.13 -0.21 0.00	36.81 0.16 0.00	34.88 0.32 0.00	36.98 0.56 0.00	39.44 0.14 0.00	38.09 -0.03 0.00	34.48 0.18 0.00	30.94 0.06 0.00	30.02 -0.18 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.34 -0.08 0.00	24.96 -0.24 0.00	25.23 -0.22 0.00	24.45 -0.27 0.00	24.70 -0.29 0.00	24.77 -0.18 0.00	30.62 0.07 0.00	28.09 0.03 0.00	27.30 -0.01 0.00	28.91 0.13 0.00	30.20 0.28 0.00	31.38 0.63 0.00	29.86 0.72 0.00	31.07 0.57 0.00	27.94 0.39 0.00	33.62 0.27 0.00	37.25 0.60 0.00	35.28 0.73 0.00	37.36 0.95 0.00	39.99 0.69 0.00	38.61 0.49 0.00	34.86 0.56 0.00	31.26 0.37 0.00	30.32 0.12 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.95 -0.48 0.00	24.55 -0.65 0.00	24.84 -0.62 0.00	24.05 -0.66 0.00	24.28 -0.71 0.00	24.35 -0.60 0.00	30.07 -0.48 0.00	27.50 -0.56 0.00	26.71 -0.59 0.00	28.38 -0.40 0.00	29.71 -0.21 0.00	30.93 0.18 0.00	29.45 0.31 0.00	30.63 0.13 0.00	27.46 -0.09 0.00	33.01 -0.33 0.00	36.64 0.00 0.00	34.70 0.15 0.00	36.77 0.36 0.00	39.26 -0.04 0.00	37.92 -0.19 0.00	34.30 0.00 0.00	30.79 -0.10 0.00	29.86 -0.33 0.00
STA_56___34_KV_BUS2 355983	27.95 -0.48 0.00	24.55 -0.65 0.00	24.84 -0.62 0.00	24.05 -0.66 0.00	24.28 -0.71 0.00	24.35 -0.60 0.00	30.07 -0.48 0.00	27.50 -0.56 0.00	26.71 -0.59 0.00	28.38 -0.40 0.00	29.71 -0.21 0.00	30.93 0.18 0.00	29.45 0.31 0.00	30.63 0.13 0.00	27.46 -0.09 0.00	33.01 -0.33 0.00	36.64 0.00 0.00	34.70 0.15 0.00	36.77 0.36 0.00	39.26 -0.04 0.00	37.92 -0.19 0.00	34.30 0.00 0.00	30.79 -0.10 0.00	29.86 -0.33 0.00
STA_67___115KV_BK2 355882	28.02 -0.40 0.00	24.60 -0.60 0.00	24.90 -0.56 0.00	24.11 -0.60 0.00	24.33 -0.66 0.00	24.40 -0.55 0.00	30.13 -0.41 0.00	27.53 -0.53 0.00	26.73 -0.57 0.00	28.42 -0.35 0.00	29.77 -0.15 0.00	31.01 0.26 0.00	29.53 0.39 0.00	30.70 0.19 0.00	27.48 -0.07 0.00	33.05 -0.29 0.00	36.70 0.05 0.00	34.77 0.22 0.00	36.87 0.45 0.00	39.32 0.02 0.00	37.97 -0.14 0.00	34.38 0.08 0.00	30.87 -0.02 0.00	29.95 -0.24 0.00
STA_7___115KV_9TRANS 80674	28.22 -0.20 0.00	24.76 -0.44 0.00	25.06 -0.40 0.00	24.26 -0.46 0.00	24.48 -0.51 0.00	24.56 -0.39 0.00	30.34 -0.21 0.00	27.72 -0.34 0.00	26.92 -0.38 0.00	28.63 -0.15 0.00	29.99 0.07 0.00	31.26 0.51 0.00	29.78 0.64 0.00	30.96 0.46 0.00	27.73 0.18 0.00	33.33 -0.02 0.00	37.06 0.41 0.00	35.11 0.56 0.00	37.23 0.81 0.00	39.70 0.40 0.00	38.34 0.22 0.00	34.69 0.39 0.00	31.12 0.24 0.00	30.17 -0.03 0.00
STA_82___115KV_TB1 80780	28.03 -0.39 0.00	24.61 -0.59 0.00	24.91 -0.55 0.00	24.12 -0.60 0.00	24.34 -0.65 0.00	24.41 -0.54 0.00	30.15 -0.40 0.00	27.55 -0.52 0.00	26.75 -0.55 0.00	28.43 -0.34 0.00	29.77 -0.14 0.00	31.02 0.26 0.00	29.55 0.41 0.00	30.72 0.22 0.00	27.49 -0.06 0.00	33.06 -0.28 0.00	36.71 0.06 0.00	34.78 0.23 0.00	36.88 0.46 0.00	39.34 0.04 0.00	38.00 -0.12 0.00	34.41 0.11 0.00	30.88 0.00 0.00	29.96 -0.24 0.00
STEEL___WIND 323596	28.27 -0.16 0.00	24.72 -0.48 0.00	25.07 -0.39 0.00	24.25 -0.47 0.00	24.45 -0.53 0.00	24.55 -0.40 0.00	30.42 -0.12 0.00	27.73 -0.33 0.00	26.93 -0.37 0.00	28.80 0.02 0.00	30.32 0.40 0.00	31.79 1.04 0.00	30.19 1.04 0.00	31.33 0.83 0.00	27.82 0.27 0.00	33.51 0.14 -0.02	37.13 0.48 0.00	35.25 0.71 0.00	37.46 1.04 0.00	39.70 0.40 0.00	38.29 0.17 0.00	34.89 0.59 0.00	31.30 0.41 0.00	30.34 0.14 0.00
STEPHTWN_115KV_BK_2 55603	28.84 0.42 0.00	25.56 0.36 0.00	25.86 0.41 0.00	25.06 0.35 0.00	25.37 0.38 0.00	25.39 0.44 0.00	30.99 0.44 0.00	28.49 0.43 0.00	27.79 0.49 0.00	29.23 0.46 0.00	30.04 0.34 0.21	30.98 0.34 0.11	29.42 0.32 0.04	30.98 0.48 0.00	28.25 0.39 -0.30	34.05 0.70 0.00	37.26 0.61 0.00	35.08 0.53 0.00	36.95 0.54 0.00	40.17 0.86 0.00	38.99 0.87 0.00	34.89 0.59 0.00	31.31 0.42 0.00	30.57 0.38 0.00
STEUBEN_REC_LFGE 323667	29.41 0.98 0.00	25.81 0.60 0.00	26.10 0.64 0.00	25.23 0.52 0.00	25.60 0.61 0.00	25.86 0.91 0.00	32.23 1.68 0.00	29.72 1.66 0.00	28.80 1.49 0.00	30.42 1.65 0.00	31.82 1.89 0.00	33.12 2.37 0.00	31.45 2.31 0.00	32.70 2.20 0.00	29.22 1.67 0.00	35.31 1.95 -0.01	39.14 2.49 0.00	37.19 2.64 0.00	39.59 3.17 0.00	42.38 3.09 0.00	40.73 2.62 0.00	36.46 2.16 0.00	32.88 2.00 0.00	31.85 1.66 0.00
STILLWATER___SOLAR 323814	29.65 1.23 0.00	26.22 1.02 0.00	26.46 1.01 0.00	25.65 0.94 0.00	26.05 1.06 0.00	26.12 1.17 0.00	31.90 1.35 0.00	29.39 1.33 0.00	28.54 1.24 0.00	29.89 1.11 0.00	30.71 1.04 0.25	31.64 1.01 0.13	30.21 1.11 0.05	31.72 1.23 0.00	29.01 1.16 -0.30	35.01 1.66 0.00	38.44 1.79 0.00	36.23 1.68 0.00	38.18 1.76 0.00	41.48 2.18 0.00	40.13 2.01 0.00	35.96 1.66 0.00	32.29 1.40 0.00	31.52 1.33 0.00
STONY___BROOK 24151	54.48 1.08 -24.98	27.77 1.13 -1.45	26.49 1.03 0.00	25.76 1.05 0.00	26.12 1.13 0.00	26.19 1.20 -0.03	61.32 1.58 -29.19	68.04 1.76 -38.21	33.23 1.91 -4.02	30.82 1.93 -0.11	32.76 2.09 -0.76	32.91 1.95 -0.21	33.04 1.94 -1.96	33.27 2.00 -0.77	34.07 1.88 -4.64	34.95 1.61 0.00	37.80 1.15 0.00	35.69 1.14 0.00	37.35 0.93 0.00	41.06 1.76 0.00	39.74 1.63 0.00	35.66 1.36 0.00	32.53 1.58 -0.06	31.86 1.44 -0.23
STURGEON_POOL_HYD 23609	29.10 0.68 0.00	25.78 0.58 0.00	25.97 0.51 0.00	25.25 0.53 0.00	25.55 0.56 0.00	25.51 0.56 0.00	31.28 0.73 0.00	29.00 0.94 0.00	28.43 1.13 0.00	30.02 1.25 0.00	31.37 1.35 -0.10	32.07 1.26 -0.05	30.31 1.15 -0.02	31.77 1.27 0.00	28.70 1.15 0.00	34.46 1.12 0.00	37.70 1.05 0.00	35.54 0.99 0.00	37.43 1.01 0.00	40.53 1.23 0.00	39.28 1.17 0.00	35.22 0.92 0.00	31.74 0.86 0.00	30.92 0.72 0.00
ST_LAW_115_BK7_LBMP 345037	28.41 -0.01 0.00	25.27 0.07 0.00	25.46 0.01 0.00	24.72 0.01 0.00	24.97 -0.03 0.00	24.92 -0.03 0.00	30.52 -0.02 0.00	27.91 -0.15 0.00	27.05 -0.26 0.00	28.55 -0.23 0.00	29.67 -0.26 0.00	30.40 -0.35 0.00	28.71 -0.43 0.00	29.98 -0.53 0.00	27.10 -0.45 0.00	32.94 -0.41 0.00	36.35 -0.30 0.00	34.12 -0.43 0.00	35.99 -0.43 0.00	38.76 -0.54 0.00	37.68 -0.43 0.00	34.07 -0.23 0.00	30.78 -0.11 0.00	30.23 0.03 0.00

ST_LAW_115_BK8_LBMP 345038	28.41 -0.01 0.00	25.27 0.07 0.00	25.46 0.01 0.00	24.72 0.01 0.00	24.97 -0.03 0.00	24.92 -0.03 0.00	30.52 -0.02 0.00	27.91 -0.15 0.00	27.05 -0.26 0.00	28.55 -0.23 0.00	29.67 -0.26 0.00	30.40 -0.35 0.00	28.71 -0.43 0.00	29.98 -0.53 0.00	27.10 -0.45 0.00	32.94 -0.41 0.00	36.35 -0.30 0.00	34.12 -0.43 0.00	35.99 -0.43 0.00	38.76 -0.54 0.00	37.68 -0.43 0.00	34.07 -0.23 0.00	30.78 -0.11 0.00	30.23 0.03 0.00
ST_LAW_230_BK5_LBMP 345035	28.41 -0.01 0.00	25.25 0.05 0.00	25.45 0.00 0.00	24.71 0.00 0.00	24.95 -0.04 0.00	24.91 -0.04 0.00	30.51 -0.04 0.00	27.90 -0.16 0.00	27.05 -0.25 0.00	28.55 -0.23 0.00	29.68 -0.24 0.00	30.43 -0.32 0.00	28.74 -0.40 0.00	30.01 -0.49 0.00	27.13 -0.42 0.00	32.96 -0.39 0.00	36.38 -0.27 0.00	34.14 -0.41 0.00	36.00 -0.41 0.00	38.78 -0.52 0.00	37.71 -0.40 0.00	34.09 -0.21 0.00	30.79 -0.10 0.00	30.23 0.03 0.00
ST_LAW_230_BK6_LBMP 345036	28.41 -0.01 0.00	25.25 0.05 0.00	25.45 0.00 0.00	24.71 0.00 0.00	24.95 -0.04 0.00	24.91 -0.04 0.00	30.51 -0.04 0.00	27.90 -0.16 0.00	27.05 -0.25 0.00	28.55 -0.23 0.00	29.68 -0.24 0.00	30.43 -0.32 0.00	28.74 -0.40 0.00	30.01 -0.49 0.00	27.13 -0.42 0.00	32.96 -0.39 0.00	36.38 -0.27 0.00	34.14 -0.41 0.00	36.00 -0.41 0.00	38.78 -0.52 0.00	37.71 -0.40 0.00	34.09 -0.21 0.00	30.79 -0.10 0.00	30.23 0.03 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.05 0.63 0.00	25.75 0.55 0.00	25.96 0.50 0.00	25.23 0.52 0.00	25.54 0.55 0.00	25.53 0.58 0.00	31.28 0.74 0.00	28.97 0.90 0.00	28.34 1.04 0.00	29.88 1.11 0.00	31.26 1.14 -0.20	31.94 1.08 -0.10	30.16 0.98 -0.04	31.59 1.09 0.00	26.61 1.00 1.95	34.38 1.04 0.00	37.67 1.02 0.00	35.55 1.00 0.00	37.41 1.00 0.00	40.50 1.20 0.00	39.24 1.12 0.00	35.19 0.89 0.00	31.71 0.82 0.00	30.90 0.70 0.00
SWANROAD_115KV_TB1 355699	27.29 -1.13 0.00	23.85 -1.35 0.00	24.19 -1.26 0.00	23.39 -1.32 0.00	23.56 -1.42 0.00	23.65 -1.30 0.00	29.25 -1.30 0.00	26.46 -1.60 0.00	25.72 -1.58 0.00	27.52 -1.26 0.00	28.97 -0.95 0.00	30.34 -0.42 0.00	28.91 -0.23 0.00	29.94 -0.56 0.00	26.47 -1.08 0.00	31.85 -1.51 -0.01	35.33 -1.32 0.00	33.61 -0.93 0.00	35.69 -0.73 0.00	37.74 -1.56 0.00	36.45 -1.67 0.00	33.37 -0.93 0.00	30.05 -0.84 0.00	29.23 -0.97 0.00
SYNERGY___BIOGAS 323694	28.49 0.07 0.00	24.91 -0.29 0.00	25.25 -0.21 0.00	24.40 -0.31 0.00	24.60 -0.38 0.00	24.72 -0.23 0.00	30.66 0.11 0.00	27.92 -0.14 0.00	27.10 -0.20 0.00	28.86 0.09 0.00	30.25 0.33 0.00	31.57 0.82 0.00	30.16 1.02 0.00	31.52 1.02 0.00	27.81 0.26 0.00	33.92 0.57 0.00	37.30 0.65 0.00	35.39 0.84 0.00	37.77 1.35 0.00	40.19 0.89 0.00	38.76 0.65 0.00	35.22 0.92 0.00	31.57 0.69 0.00	30.59 0.39 0.00
SYRACUSE___ENERGY_ST1 323597	28.35 -0.07 0.00	25.10 -0.10 0.00	25.36 -0.10 0.00	24.62 -0.10 0.00	24.89 -0.10 0.00	24.87 -0.09 0.00	30.56 0.02 0.00	28.12 0.06 0.00	27.35 0.05 0.00	28.84 0.06 0.00	30.02 0.10 0.00	31.00 0.24 0.00	29.41 0.26 0.00	30.76 0.26 0.00	27.76 0.21 0.00	33.58 0.23 0.00	36.93 0.29 0.00	34.80 0.26 0.00	36.82 0.40 0.00	39.62 0.32 0.00	38.33 0.21 0.00	34.47 0.17 0.00	30.99 0.10 0.00	30.16 -0.04 0.00
SYRACUSE___ENERGY_ST2 323598	28.35 -0.07 0.00	25.10 -0.10 0.00	25.36 -0.10 0.00	24.62 -0.10 0.00	24.89 -0.10 0.00	24.87 -0.09 0.00	30.56 0.02 0.00	28.12 0.06 0.00	27.35 0.05 0.00	28.84 0.06 0.00	30.02 0.10 0.00	31.00 0.24 0.00	29.41 0.26 0.00	30.76 0.26 0.00	27.76 0.21 0.00	33.58 0.23 0.00	36.93 0.29 0.00	34.80 0.26 0.00	36.82 0.40 0.00	39.62 0.32 0.00	38.33 0.21 0.00	34.47 0.17 0.00	30.99 0.10 0.00	30.16 -0.04 0.00
SYRACUSE___POWER 24017	28.35 -0.07 0.00	25.09 -0.11 0.00	25.36 -0.10 0.00	24.61 -0.10 0.00	24.89 -0.10 0.00	24.87 -0.08 0.00	30.58 0.04 0.00	28.14 0.08 0.00	27.38 0.07 0.00	28.85 0.08 0.00	30.06 0.14 0.00	31.04 0.29 0.00	29.45 0.30 0.00	30.80 0.30 0.00	27.79 0.24 0.00	33.61 0.27 0.00	36.96 0.31 0.00	34.84 0.29 0.00	36.84 0.42 0.00	39.67 0.37 0.00	38.38 0.27 0.00	34.52 0.22 0.00	31.04 0.15 0.00	30.20 0.01 0.00
TALLMAN___138KV_BK151 55660	29.12 0.70 0.00	25.81 0.61 0.00	25.99 0.53 0.00	25.27 0.56 0.00	25.59 0.60 0.00	25.60 0.65 0.00	31.36 0.82 0.00	29.07 1.01 0.00	28.46 1.16 0.00	30.02 1.24 0.00	31.42 1.29 -0.21	32.09 1.22 -0.11	30.30 1.12 -0.04	31.72 1.22 0.00	26.02 1.10 2.63	34.50 1.16 0.00	37.78 1.13 0.00	35.66 1.11 0.00	37.49 1.07 0.00	40.58 1.28 0.00	39.31 1.19 0.00	35.24 0.94 0.00	31.77 0.88 0.00	30.98 0.78 0.00
TEALLAVE_115KV_TB7 355573	28.23 -0.19 0.00	24.98 -0.22 0.00	25.24 -0.22 0.00	24.49 -0.22 0.00	24.78 -0.21 0.00	24.76 -0.19 0.00	30.43 -0.11 0.00	28.00 -0.06 0.00	27.24 -0.06 0.00	28.72 -0.05 0.00	29.93 0.00 0.00	30.90 0.15 0.00	29.32 0.17 0.00	30.67 0.17 0.00	27.67 0.12 0.00	33.45 0.10 0.00	36.78 0.13 0.00	34.65 0.10 0.00	36.63 0.21 0.00	39.42 0.13 0.00	38.15 0.04 0.00	34.31 0.01 0.00	30.87 -0.01 0.00	30.05 -0.15 0.00
TELGRAPH_34_KV_EAST 80808	27.97 -0.45 0.00	24.46 -0.75 0.00	24.79 -0.67 0.00	23.97 -0.74 0.00	24.15 -0.84 0.00	24.27 -0.68 0.00	30.05 -0.50 0.00	27.28 -0.78 0.00	26.51 -0.79 0.00	28.31 -0.46 0.00	29.75 -0.17 0.00	31.13 0.38 0.00	29.73 0.59 0.00	30.99 0.49 0.00	27.31 -0.24 0.00	33.21 -0.14 -0.01	36.54 -0.11 0.00	34.71 0.16 0.00	36.89 0.47 0.00	39.10 -0.20 0.00	37.74 -0.37 0.00	34.41 0.10 0.00	30.91 0.02 0.00	29.99 -0.20 0.00
TEMPLE___115KV_TB 2 55572	28.24 -0.18 0.00	24.99 -0.21 0.00	25.26 -0.20 0.00	24.51 -0.20 0.00	24.79 -0.20 0.00	24.77 -0.18 0.00	30.44 -0.11 0.00	28.01 -0.06 0.00	27.25 -0.05 0.00	28.74 -0.03 0.00	29.95 0.03 0.00	30.93 0.18 0.00	29.34 0.20 0.00	30.69 0.19 0.00	27.69 0.14 0.00	33.48 0.13 0.00	36.79 0.14 0.00	34.67 0.12 0.00	36.65 0.23 0.00	39.45 0.15 0.00	38.17 0.06 0.00	34.34 0.04 0.00	30.89 0.00 0.00	30.07 -0.13 0.00
TIANA____69_KV_BK 1 55817	54.43 1.03 -24.98	27.73 1.09 -1.45	26.45 0.99 0.00	25.72 1.01 0.00	26.10 1.10 0.00	26.14 1.16 -0.03	61.25 1.51 -29.19	67.98 1.71 -38.21	33.16 1.85 -4.02	30.73 1.84 -0.11	32.69 2.01 -0.76	32.86 1.90 -0.21	32.91 1.82 -1.96	33.13 1.85 -0.77	33.90 1.70 -4.64	34.69 1.35 0.00	37.55 0.90 0.00	35.67 1.12 0.00	37.27 0.85 0.00	40.86 1.56 0.00	39.45 1.34 0.00	35.32 1.01 0.00	32.19 1.25 -0.06	31.55 1.13 -0.23
TILDEN___115KV_TB1 80814	28.35 -0.07 0.00	25.09 -0.11 0.00	25.36 -0.10 0.00	24.61 -0.10 0.00	24.89 -0.10 0.00	24.87 -0.08 0.00	30.58 0.04 0.00	28.14 0.08 0.00	27.38 0.07 0.00	28.85 0.08 0.00	30.06 0.14 0.00	31.04 0.29 0.00	29.45 0.30 0.00	30.80 0.30 0.00	27.79 0.24 0.00	33.61 0.27 0.00	36.96 0.31 0.00	34.84 0.29 0.00	36.84 0.42 0.00	39.67 0.37 0.00	38.38 0.27 0.00	34.52 0.22 0.00	31.04 0.15 0.00	30.20 0.01 0.00

TRIGEN___CC 323695	54.53 1.13 -24.98	27.87 1.23 -1.45	26.59 1.13 0.00	25.85 1.14 0.00	26.19 1.20 0.00	26.26 1.28 -0.03	61.37 1.63 -29.19	68.06 1.78 -38.21	33.25 1.93 -4.02	30.87 1.98 -0.11	32.77 2.09 -0.76	33.00 2.05 -0.21	33.06 1.97 -1.96	33.33 2.06 -0.77	34.10 1.91 -4.64	35.17 1.83 0.00	38.29 1.64 0.00	36.17 1.62 0.00	37.92 1.50 0.00	41.23 1.93 0.00	40.01 1.90 0.00	35.95 1.65 0.00	32.66 1.72 -0.06	32.00 1.58 -0.23
TRINITY___115KV___4 BK 55933	28.64 0.22 0.00	25.41 0.21 0.00	25.70 0.24 0.00	24.92 0.21 0.00	25.22 0.23 0.00	25.20 0.25 0.00	30.69 0.15 0.00	28.28 0.22 0.00	27.54 0.24 0.00	28.96 0.18 0.00	29.80 0.09 0.21	30.70 0.05 0.11	29.21 0.10 0.04	30.70 0.20 0.00	28.08 0.23 -0.30	33.71 0.36 0.00	36.88 0.23 0.00	34.74 0.20 0.00	36.54 0.12 0.00	39.67 0.37 0.00	38.52 0.40 0.00	34.55 0.25 0.00	31.08 0.19 0.00	30.35 0.15 0.00
UNION___PROCESSING_DRP 323587	28.04 -0.38 0.00	24.62 -0.58 0.00	24.91 -0.54 0.00	24.12 -0.59 0.00	24.34 -0.64 0.00	24.42 -0.53 0.00	30.16 -0.38 0.00	27.56 -0.51 0.00	26.75 -0.55 0.00	28.44 -0.33 0.00	29.78 -0.14 0.00	31.03 0.27 0.00	29.55 0.41 0.00	30.72 0.22 0.00	27.51 -0.04 0.00	33.07 -0.27 0.00	36.73 0.08 0.00	34.79 0.24 0.00	36.90 0.48 0.00	39.36 0.06 0.00	38.01 -0.10 0.00	34.41 0.11 0.00	30.90 0.01 0.00	29.97 -0.23 0.00
UPPER HUDSON___HYD 24058	29.68 1.26 0.00	26.17 0.96 0.00	26.41 0.95 0.00	25.61 0.90 0.00	26.12 1.13 0.00	26.27 1.32 0.00	32.17 1.63 0.00	29.67 1.61 0.00	28.86 1.56 0.00	30.17 1.40 0.00	31.01 1.31 0.22	32.00 1.36 0.12	30.60 1.49 0.04	32.19 1.68 0.00	29.41 1.57 -0.29	35.52 2.17 0.00	39.05 2.40 0.00	36.76 2.21 0.00	38.76 2.34 0.00	42.17 2.87 0.00	40.58 2.47 0.00	36.36 2.06 0.00	32.60 1.71 0.00	31.81 1.61 0.00
UPPER RAQUET___HYD 24056	28.90 0.47 0.00	25.69 0.49 0.00	25.87 0.40 0.00	25.09 0.38 0.00	25.34 0.35 0.00	25.32 0.37 0.00	31.13 0.58 0.00	28.46 0.40 0.00	27.51 0.21 0.00	28.91 0.13 0.00	29.95 0.03 0.00	30.67 -0.09 0.00	28.97 -0.17 0.00	30.27 -0.23 0.00	27.41 -0.14 0.00	33.43 0.08 0.00	36.90 0.25 0.00	34.71 0.16 0.00	36.76 0.34 0.00	39.59 0.29 0.00	38.47 0.36 0.00	34.75 0.45 0.00	31.32 0.43 0.00	30.74 0.54 0.00
VALLEY44_115KV_TB2 355964	28.70 0.28 0.00	25.16 -0.04 0.00	25.53 0.07 0.00	24.76 0.05 0.00	25.03 0.05 0.00	25.06 0.11 0.00	31.11 0.56 0.00	28.56 0.51 0.00	27.80 0.50 0.00	29.62 0.84 0.00	31.03 1.11 0.00	32.25 1.50 0.00	30.52 1.38 0.00	31.77 1.27 0.00	28.35 0.80 0.00	34.12 0.76 -0.01	37.75 1.10 0.00	35.86 1.32 0.00	38.12 1.70 0.00	40.58 1.28 0.00	39.02 0.90 0.00	35.31 1.01 0.00	31.66 0.77 0.00	30.78 0.59 0.00
VALLEY___115KV_TB 1-4 80826	28.67 0.24 0.00	25.47 0.27 0.00	25.77 0.31 0.00	25.01 0.30 0.00	25.30 0.31 0.00	25.28 0.33 0.00	31.00 0.45 0.00	28.51 0.45 0.00	27.74 0.44 0.00	29.17 0.39 0.00	30.32 0.40 0.00	31.19 0.44 0.00	29.57 0.43 0.00	31.00 0.50 0.00	28.02 0.47 0.00	33.93 0.58 0.00	37.29 0.65 0.00	35.23 0.68 0.00	36.88 0.47 0.00	40.08 0.78 0.00	38.87 0.75 0.00	34.92 0.62 0.00	31.40 0.51 0.00	30.63 0.43 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.20 0.77 0.00	25.86 0.66 0.00	26.24 0.79 0.00	25.48 0.77 0.00	25.78 0.79 0.00	25.70 0.75 0.00	31.59 1.04 0.00	29.15 1.09 0.00	28.38 1.08 0.00	29.92 1.15 0.00	31.14 1.22 0.00	32.12 1.37 0.00	30.41 1.27 0.00	31.83 1.33 0.00	28.73 1.18 0.00	34.71 1.36 0.00	38.12 1.47 0.00	35.92 1.37 0.00	37.96 1.54 0.00	40.99 1.69 0.00	39.71 1.59 0.00	35.67 1.37 0.00	32.07 1.18 0.00	31.23 1.04 0.00
VISCHER___FERRY HYD 24020	29.32 0.89 0.00	25.97 0.77 0.00	26.23 0.77 0.00	25.42 0.71 0.00	25.75 0.76 0.00	25.74 0.79 0.00	31.34 0.80 0.00	28.87 0.81 0.00	28.07 0.77 0.00	29.47 0.70 0.00	30.22 0.60 0.30	31.15 0.56 0.16	29.70 0.61 0.05	31.23 0.73 0.00	28.56 0.69 -0.31	34.32 0.98 0.00	37.58 0.93 0.00	35.37 0.82 0.00	37.24 0.82 0.00	40.50 1.20 0.00	39.31 1.19 0.00	35.26 0.96 0.00	31.71 0.82 0.00	30.99 0.80 0.00
V_A_10_SYNC_DSASP 323832	27.52 -0.91 0.00	24.11 -1.09 0.00	24.45 -1.01 0.00	23.65 -1.06 0.00	23.85 -1.14 0.00	23.93 -1.02 0.00	29.58 -0.97 0.00	26.90 -1.16 0.00	26.12 -1.18 0.00	27.88 -0.90 0.00	29.28 -0.64 0.00	30.63 -0.12 0.00	29.12 -0.02 0.00	30.20 -0.30 0.00	26.86 -0.69 0.00	32.29 -1.05 0.01	35.85 -0.80 0.00	34.03 -0.52 0.00	36.12 -0.30 0.00	38.35 -0.95 0.00	37.03 -1.09 0.00	33.70 -0.60 0.00	30.32 -0.57 0.00	29.44 -0.75 0.00
V_CMM_10_SYNC_DSASP 323787	28.57 0.15 0.00	25.41 0.20 0.00	25.61 0.15 0.00	24.85 0.14 0.00	25.10 0.11 0.00	25.06 0.11 0.00	30.69 0.15 0.00	28.07 0.01 0.00	27.20 -0.11 0.00	28.71 -0.06 0.00	29.84 -0.08 0.00	30.59 -0.16 0.00	28.88 -0.25 0.00	30.16 -0.34 0.00	27.27 -0.29 0.00	33.13 -0.21 0.00	36.58 -0.07 0.00	34.33 -0.22 0.00	36.21 -0.20 0.00	38.99 -0.31 0.00	37.90 -0.21 0.00	34.27 -0.03 0.00	30.96 0.07 0.00	30.41 0.22 0.00
V_CMP_10_SYNC_DSASP 323788	28.91 0.49 0.00	25.67 0.47 0.00	25.85 0.39 0.00	25.08 0.37 0.00	25.34 0.35 0.00	25.29 0.34 0.00	31.07 0.53 0.00	28.62 0.56 0.00	27.71 0.41 0.00	29.08 0.30 0.00	30.18 0.25 0.00	30.99 0.24 0.00	29.39 0.25 0.00	30.86 0.36 0.00	27.83 0.28 0.00	33.97 0.63 0.00	37.56 0.91 0.00	34.67 0.12 0.00	36.57 0.15 0.00	40.20 0.90 0.00	39.34 1.22 0.00	36.02 1.72 0.00	32.40 1.52 0.00	31.83 1.64 0.00
V_D_10_SYNC_DSASP 323841	28.76 0.33 0.00	25.57 0.37 0.00	25.77 0.31 0.00	25.01 0.30 0.00	25.25 0.26 0.00	25.21 0.27 0.00	30.92 0.37 0.00	28.26 0.20 0.00	27.37 0.07 0.00	28.86 0.09 0.00	29.98 0.06 0.00	30.73 -0.02 0.00	29.02 -0.12 0.00	30.30 -0.20 0.00	27.40 -0.15 0.00	33.32 -0.03 0.00	36.79 0.15 0.00	34.56 0.01 0.00	36.48 0.06 0.00	39.27 -0.02 0.00	38.18 0.06 0.00	34.51 0.21 0.00	31.16 0.28 0.00	30.62 0.43 0.00
V_E_10_SYNC_DSASP 323830	30.04 1.62 0.00	26.53 1.33 0.00	26.90 1.45 0.00	26.14 1.43 0.00	26.55 1.56 0.00	26.69 1.74 0.00	33.17 2.62 0.00	30.56 2.49 0.00	29.54 2.24 0.00	30.94 2.16 0.00	32.27 2.34 0.00	33.47 2.71 0.00	31.68 2.54 0.00	32.87 2.37 0.00	29.61 2.06 0.00	35.97 2.63 0.00	39.87 3.23 0.00	37.77 3.22 0.00	40.50 4.08 0.00	43.48 4.18 0.00	41.97 3.86 0.00	37.59 3.29 0.00	33.59 2.70 0.00	32.54 2.35 0.00
V_F_30_NSYNC___DSASP 323816	29.69 1.27 0.00	26.25 1.05 0.00	26.50 1.04 0.00	25.69 0.98 0.00	26.08 1.09 0.00	26.15 1.20 0.00	31.95 1.40 0.00	29.42 1.37 0.00	28.59 1.28 0.00	29.94 1.17 0.00	30.79 1.11 0.24	31.72 1.10 0.12	30.28 1.18 0.04	31.81 1.31 0.00	29.07 1.23 -0.29	35.07 1.73 0.00	38.52 1.87 0.00	36.30 1.74 0.00	38.24 1.83 0.00	41.53 2.24 0.00	40.18 2.07 0.00	36.01 1.71 0.00	32.33 1.44 0.00	31.55 1.36 0.00



V_F_30_SYNC_DSASP 323786	28.77 0.35 0.00	25.53 0.33 0.00	25.80 0.35 0.00	25.02 0.31 0.00	25.32 0.33 0.00	25.31 0.36 0.00	30.84 0.29 0.00	28.42 0.35 0.00	27.67 0.37 0.00	29.10 0.33 0.00	29.95 0.25 0.21	30.86 0.22 0.11	29.39 0.28 0.04	30.88 0.38 0.00	28.25 0.40 -0.30	33.93 0.58 0.00	37.13 0.49 0.00	34.99 0.44 0.00	36.79 0.37 0.00	39.93 0.63 0.00	38.75 0.63 0.00	34.75 0.45 0.00	31.24 0.35 0.00	30.50 0.30 0.00
V_XM_10_SYNC_DSASP 323789	28.91 0.49 0.00	25.67 0.47 0.00	25.85 0.39 0.00	25.08 0.37 0.00	25.34 0.35 0.00	25.29 0.34 0.00	31.07 0.53 0.00	28.62 0.56 0.00	27.71 0.41 0.00	29.08 0.30 0.00	30.18 0.25 0.00	30.99 0.24 0.00	29.39 0.25 0.00	30.86 0.36 0.00	27.83 0.28 0.00	33.97 0.63 0.00	37.56 0.91 0.00	34.67 0.12 0.00	36.57 0.15 0.00	40.20 0.90 0.00	39.34 1.22 0.00	36.02 1.72 0.00	32.40 1.52 0.00	31.83 1.64 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.23 0.81 0.00	25.91 0.71 0.00	26.09 0.63 0.00	25.36 0.65 0.00	25.69 0.70 0.00	25.70 0.75 0.00	31.49 0.95 0.00	29.19 1.13 0.00	28.58 1.28 0.00	30.15 1.37 0.00	31.55 1.42 -0.21	32.22 1.36 -0.11	30.42 1.24 -0.04	31.84 1.34 0.00	25.91 1.21 2.85	34.62 1.27 0.00	37.91 1.27 0.00	35.78 1.23 0.00	37.63 1.21 0.00	40.73 1.43 0.00	39.45 1.33 0.00	35.37 1.07 0.00	31.89 1.00 0.00	31.09 0.89 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.57 1.15 0.00	26.23 1.03 0.00	26.38 0.93 0.00	25.68 0.97 0.00	25.99 1.00 0.00	26.02 1.07 0.00	31.89 1.35 0.00	29.62 1.56 0.00	29.04 1.74 0.00	30.66 1.88 0.00	32.08 1.93 -0.24	32.75 1.88 -0.12	30.94 1.75 -0.04	32.39 1.88 0.00	30.87 1.73 -1.59	35.22 1.88 0.00	38.53 1.88 0.00	36.29 1.74 0.00	38.13 1.71 0.00	41.24 1.94 0.00	40.00 1.88 0.00	35.89 1.59 0.00	32.36 1.47 0.00	31.49 1.30 0.00
W50THST__13_KV_LOAD 356117	29.74 1.32 0.00	26.38 1.18 0.00	26.52 1.07 0.00	25.83 1.11 0.00	26.13 1.14 0.00	26.18 1.23 0.00	32.12 1.58 0.00	29.86 1.80 0.00	29.29 1.98 0.00	30.94 2.16 0.00	32.38 2.22 -0.24	33.06 2.19 -0.12	31.23 2.04 -0.04	32.68 2.18 0.00	31.14 2.00 -1.59	35.55 2.21 0.00	38.89 2.24 0.00	36.61 2.06 0.00	38.44 2.02 0.00	41.55 2.25 0.00	40.27 2.16 0.00	36.14 1.84 0.00	32.58 1.69 0.00	31.69 1.49 0.00
WADING RIVER_IC_1 23522	54.05 0.66 -24.98	27.42 0.77 -1.45	26.13 0.67 0.00	25.41 0.70 0.00	25.78 0.79 0.00	25.84 0.85 -0.03	60.86 1.12 -29.19	67.61 1.34 -38.21	32.81 1.49 -4.02	30.35 1.47 -0.11	32.28 1.60 -0.76	32.40 1.44 -0.21	32.52 1.43 -1.96	32.73 1.46 -0.77	33.56 1.37 -4.64	34.32 0.98 0.00	37.14 0.49 0.00	35.24 0.69 0.00	36.84 0.42 0.00	40.39 1.09 0.00	39.06 0.95 0.00	35.01 0.71 0.00	31.93 0.98 -0.06	31.29 0.86 -0.23
WADING RIVER_IC_2 23547	54.05 0.66 -24.98	27.42 0.77 -1.45	26.13 0.67 0.00	25.41 0.70 0.00	25.78 0.79 0.00	25.84 0.85 -0.03	60.86 1.12 -29.19	67.61 1.34 -38.21	32.81 1.49 -4.02	30.35 1.47 -0.11	32.28 1.60 -0.76	32.40 1.44 -0.21	32.52 1.43 -1.96	32.73 1.46 -0.77	33.56 1.37 -4.64	34.32 0.98 0.00	37.14 0.49 0.00	35.24 0.69 0.00	36.84 0.42 0.00	40.39 1.09 0.00	39.06 0.95 0.00	35.01 0.71 0.00	31.93 0.98 -0.06	31.29 0.86 -0.23
WADING RIVER_IC_3 23601	54.05 0.66 -24.98	27.42 0.77 -1.45	26.13 0.67 0.00	25.41 0.70 0.00	25.78 0.79 0.00	25.84 0.85 -0.03	60.86 1.12 -29.19	67.61 1.34 -38.21	32.81 1.49 -4.02	30.35 1.47 -0.11	32.28 1.60 -0.76	32.40 1.44 -0.21	32.52 1.43 -1.96	32.73 1.46 -0.77	33.56 1.37 -4.64	34.32 0.98 0.00	37.14 0.49 0.00	35.24 0.69 0.00	36.84 0.42 0.00	40.39 1.09 0.00	39.06 0.95 0.00	35.01 0.71 0.00	31.93 0.98 -0.06	31.29 0.86 -0.23
WALDENNY_12_KV_BK2 80841	28.23 -0.19 0.00	24.70 -0.50 0.00	25.04 -0.41 0.00	24.22 -0.49 0.00	24.42 -0.57 0.00	24.51 -0.43 0.00	30.39 -0.16 0.00	27.66 -0.40 0.00	26.89 -0.42 0.00	28.77 -0.01 0.00	30.30 0.38 0.00	31.75 1.00 0.00	30.21 1.07 0.00	31.35 0.84 0.00	27.83 0.28 0.00	33.51 0.15 -0.02	37.14 0.49 0.00	35.28 0.73 0.00	37.46 1.04 0.00	39.67 0.37 0.00	38.26 0.14 0.00	34.87 0.57 0.00	31.31 0.42 0.00	30.33 0.14 0.00
WALDEN__HYDRO 24148	29.20 0.78 0.00	25.88 0.68 0.00	26.09 0.63 0.00	25.35 0.64 0.00	25.66 0.67 0.00	25.66 0.71 0.00	31.45 0.91 0.00	29.13 1.07 0.00	28.49 1.19 0.00	30.05 1.27 0.00	31.41 1.30 -0.18	32.09 1.24 -0.09	30.30 1.13 -0.03	31.75 1.25 0.00	28.08 1.15 0.63	34.56 1.22 0.00	37.85 1.20 0.00	35.75 1.20 0.00	37.67 1.25 0.00	40.79 1.49 0.00	39.51 1.40 0.00	35.41 1.12 0.00	31.90 1.01 0.00	31.08 0.88 0.00
WARRENSBURG____ 23737	29.68 1.26 0.00	26.17 0.96 0.00	26.41 0.95 0.00	25.61 0.90 0.00	26.12 1.13 0.00	26.27 1.32 0.00	32.17 1.63 0.00	29.67 1.61 0.00	28.86 1.56 0.00	30.17 1.40 0.00	31.01 1.31 0.22	32.00 1.36 0.12	30.60 1.49 0.04	32.19 1.68 0.00	29.41 1.57 -0.29	35.52 2.17 0.00	39.05 2.40 0.00	36.76 2.21 0.00	38.76 2.34 0.00	42.17 2.87 0.00	40.58 2.47 0.00	36.36 2.06 0.00	32.60 1.71 0.00	31.81 1.61 0.00
WATERSIDE____6 8 9 23538	29.58 1.16 0.00	26.25 1.05 0.00	26.39 0.93 0.00	25.71 1.00 0.00	26.02 1.03 0.00	26.04 1.09 0.00	31.92 1.38 0.00	29.64 1.58 0.00	29.06 1.76 0.00	30.67 1.90 0.00	32.09 1.94 -0.24	32.78 1.90 -0.12	30.96 1.77 -0.04	32.40 1.90 0.00	30.88 1.74 -1.59	35.23 1.89 0.00	-9.90 1.94 48.49	36.27 1.73 0.00	38.08 1.67 0.00	41.20 1.90 0.00	39.98 1.87 0.00	35.90 1.60 0.00	32.37 1.48 0.00	31.49 1.30 0.00
WATKINRD_115KV_LN8_ILLION 55919	28.47 0.05 0.00	25.23 0.03 0.00	25.51 0.05 0.00	24.74 0.02 0.00	25.07 0.08 0.00	25.04 0.09 0.00	30.62 0.07 0.00	28.23 0.17 0.00	27.36 0.05 0.00	28.57 -0.21 0.00	29.60 -0.32 0.00	30.43 -0.33 0.00	28.90 -0.23 0.00	30.28 -0.22 0.00	27.44 -0.11 0.00	33.43 0.08 0.00	36.69 0.04 0.00	34.69 0.14 0.00	36.52 0.10 0.00	39.73 0.42 0.00	38.55 0.43 0.00	34.55 0.25 0.00	31.01 0.12 0.00	30.24 0.04 0.00
WATSON____69_KV_BK 1 55734	54.82 1.42 -24.98	28.07 1.42 -1.45	26.79 1.33 0.00	26.04 1.33 0.00	26.41 1.42 0.00	26.48 1.49 -0.03	61.72 1.98 -29.19	68.40 2.13 -38.21	33.58 2.26 -4.02	31.18 2.29 -0.11	33.16 2.48 -0.76	33.31 2.35 -0.21	33.40 2.30 -1.96	33.64 2.37 -0.77	34.41 2.21 -4.64	35.38 2.03 0.00	38.32 1.67 0.00	36.39 1.84 0.00	38.09 1.67 0.00	41.61 2.31 0.00	40.28 2.17 0.00	36.16 1.86 0.00	32.97 2.02 -0.06	32.29 1.86 -0.23
WDELAWARE__HYD 323627	28.41 -0.01 0.00	25.18 -0.02 0.00	25.38 -0.08 0.00	24.66 -0.05 0.00	24.96 -0.03 0.00	24.96 0.01 0.00	30.63 0.08 0.00	28.37 0.31 0.00	27.74 0.43 0.00	29.24 0.46 0.00	30.56 0.49 -0.14	31.19 0.37 -0.07	29.44 0.27 -0.03	30.86 0.36 0.00	27.44 0.38 0.49	33.57 0.22 0.00	36.76 0.12 0.00	34.73 0.18 0.00	36.70 0.28 0.00	39.77 0.47 0.00	38.51 0.40 0.00	34.52 0.22 0.00	31.07 0.18 0.00	30.24 0.04 0.00

WEST BABYLON___IC 23714	54.80 1.40 -24.98	28.08 1.44 -1.45	26.80 1.34 0.00	26.04 1.33 0.00	26.41 1.42 0.00	26.47 1.49 -0.03	61.71 1.97 -29.19	68.39 2.11 -38.21	33.57 2.25 -4.02	31.17 2.28 -0.11	33.11 2.44 -0.76	33.25 2.29 -0.21	33.31 2.21 -1.96	33.56 2.29 -0.77	34.32 2.12 -4.64	35.30 1.95 0.00	38.31 1.67 0.00	36.36 1.82 0.00	38.09 1.67 0.00	41.55 2.25 0.00	40.25 2.14 0.00	36.17 1.87 0.00	32.99 2.04 -0.06	32.31 1.89 -0.23
WEST CANADA___HYD 24049	28.49 0.07 0.00	25.26 0.06 0.00	25.53 0.08 0.00	24.78 0.07 0.00	25.06 0.08 0.00	25.02 0.08 0.00	30.64 0.09 0.00	28.18 0.11 0.00	27.42 0.12 0.00	28.87 0.09 0.00	30.00 0.07 0.00	30.84 0.08 0.00	29.24 0.10 0.00	30.62 0.12 0.00	27.67 0.12 0.00	33.49 0.14 0.00	36.79 0.15 0.00	34.73 0.18 0.00	36.55 0.13 0.00	39.50 0.19 0.00	38.30 0.18 0.00	34.46 0.15 0.00	31.00 0.12 0.00	30.27 0.08 0.00
WESTERN_NY_WIND 24143	28.46 0.03 0.00	24.88 -0.32 0.00	25.21 -0.24 0.00	24.38 -0.33 0.00	24.58 -0.41 0.00	24.69 -0.26 0.00	30.62 0.08 0.00	27.88 -0.18 0.00	27.06 -0.24 0.00	28.83 0.06 0.00	30.21 0.29 0.00	31.50 0.75 0.00	30.13 0.99 0.00	31.51 1.00 0.00	27.77 0.21 0.00	33.91 0.56 -0.01	37.25 0.60 0.00	35.34 0.79 0.00	37.71 1.30 0.00	40.13 0.83 0.00	38.71 0.59 0.00	35.18 0.88 0.00	31.54 0.65 0.00	30.55 0.36 0.00
WESTOVER___LESR 323668	28.46 0.03 0.00	25.18 -0.02 0.00	25.49 0.03 0.00	24.74 0.03 0.00	25.03 0.04 0.00	24.99 0.03 0.00	30.82 0.28 0.00	28.44 0.37 0.00	27.69 0.39 0.00	29.21 0.44 0.00	30.45 0.53 0.00	31.46 0.71 0.00	29.81 0.67 0.00	31.12 0.62 0.00	28.05 0.50 0.00	33.89 0.54 0.00	37.28 0.63 0.00	35.20 0.65 0.00	37.27 0.85 0.00	40.12 0.82 0.00	38.79 0.68 0.00	34.90 0.60 0.00	31.36 0.48 0.00	30.51 0.31 0.00
WETHRSFD_WT_PWR 323626	28.02 -0.40 0.00	24.63 -0.57 0.00	25.00 -0.46 0.00	24.20 -0.51 0.00	24.43 -0.56 0.00	24.57 -0.38 0.00	30.48 -0.06 0.00	27.85 -0.21 0.00	27.04 -0.26 0.00	28.82 0.05 0.00	30.29 0.37 0.00	31.67 0.91 0.00	30.06 0.92 0.00	31.23 0.73 0.00	27.81 0.25 0.00	33.52 0.16 -0.01	37.07 0.42 0.00	35.14 0.59 0.00	37.38 0.96 0.00	39.71 0.41 0.00	38.27 0.16 0.00	34.81 0.51 0.00	31.28 0.39 0.00	30.34 0.14 0.00
WHAVSTOR_138KV_BK127 55557	29.12 0.70 0.00	25.82 0.62 0.00	26.00 0.54 0.00	25.28 0.57 0.00	25.60 0.61 0.00	25.60 0.65 0.00	31.37 0.82 0.00	29.07 1.01 0.00	28.46 1.16 0.00	30.01 1.24 0.00	31.41 1.28 -0.22	32.08 1.21 -0.11	30.28 1.10 -0.04	31.70 1.20 0.00	25.74 1.08 2.89	34.47 1.12 0.00	37.73 1.08 0.00	35.60 1.05 0.00	37.43 1.01 0.00	40.52 1.22 0.00	39.26 1.15 0.00	35.22 0.92 0.00	31.76 0.88 0.00	30.97 0.77 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.12 0.70 0.00	25.82 0.62 0.00	26.00 0.54 0.00	25.28 0.57 0.00	25.60 0.61 0.00	25.60 0.65 0.00	31.37 0.82 0.00	29.07 1.01 0.00	28.46 1.16 0.00	30.01 1.24 0.00	31.41 1.28 -0.22	32.08 1.21 -0.11	30.28 1.10 -0.04	31.70 1.20 0.00	25.74 1.08 2.89	34.47 1.12 0.00	37.73 1.08 0.00	35.60 1.05 0.00	37.43 1.01 0.00	40.52 1.22 0.00	39.26 1.15 0.00	35.22 0.92 0.00	31.76 0.88 0.00	30.97 0.77 0.00
WHITEHAL_115KV_TB1 80871	29.30 0.87 0.00	25.51 0.31 0.00	25.65 0.20 0.00	24.91 0.20 0.00	26.05 1.06 0.00	26.74 1.79 0.00	32.85 2.30 0.00	30.32 2.26 0.00	29.67 2.37 0.00	30.81 2.03 0.00	31.44 1.75 0.23	32.59 1.96 0.12	31.42 2.33 0.04	33.30 2.80 0.00	30.39 2.55 -0.29	36.81 3.46 0.00	40.55 3.90 0.00	37.84 3.29 0.00	39.85 3.43 0.00	43.81 4.51 0.00	41.29 3.18 0.00	36.97 2.67 0.00	33.17 2.28 0.00	32.53 2.34 0.00
WHITEPLN_13_KV_LOAD 356215	29.65 1.23 0.00	26.30 1.10 0.00	26.46 1.01 0.00	25.73 1.02 0.00	26.05 1.06 0.00	26.08 1.13 0.00	31.98 1.43 0.00	29.67 1.61 0.00	29.07 1.77 0.00	30.68 1.91 0.00	32.12 1.96 -0.24	32.80 1.93 -0.12	30.99 1.81 -0.04	32.45 1.94 0.00	31.03 1.78 -1.70	35.30 1.95 0.00	38.63 1.98 0.00	36.42 1.87 0.00	38.27 1.85 0.00	41.43 2.13 0.00	40.16 2.05 0.00	36.01 1.70 0.00	32.45 1.56 0.00	31.58 1.39 0.00
WM_FLOYD_69_KV_BK2 356380	54.34 0.94 -24.98	27.67 1.02 -1.45	26.38 0.93 0.00	25.66 0.95 0.00	26.02 1.04 0.00	26.08 1.10 -0.03	61.18 1.44 -29.19	67.91 1.64 -38.21	33.11 1.79 -4.02	30.66 1.78 -0.11	32.61 1.93 -0.76	32.75 1.79 -0.21	32.84 1.74 -1.96	33.06 1.79 -0.77	33.87 1.68 -4.64	34.69 1.35 0.00	37.54 0.90 0.00	35.65 1.10 0.00	37.27 0.85 0.00	40.81 1.51 0.00	39.48 1.36 0.00	35.42 1.12 0.00	32.31 1.36 -0.06	31.66 1.24 -0.23
WOODARD___115KV_TB2 355635	28.17 -0.25 0.00	24.94 -0.26 0.00	25.20 -0.25 0.00	24.46 -0.25 0.00	24.73 -0.26 0.00	24.71 -0.24 0.00	30.35 -0.20 0.00	27.92 -0.14 0.00	27.17 -0.13 0.00	28.65 -0.12 0.00	29.84 -0.08 0.00	30.79 0.04 0.00	29.21 0.07 0.00	30.56 0.06 0.00	27.57 0.02 0.00	33.35 0.01 0.00	36.67 0.02 0.00	34.55 0.00 0.00	36.52 0.10 0.00	39.31 0.02 0.00	38.05 -0.06 0.00	34.23 -0.07 0.00	30.79 -0.10 0.00	29.97 -0.22 0.00
YORK___WARBASSE 23770	29.70 1.28 0.00	26.36 1.15 0.00	26.48 1.03 0.00	25.79 1.08 0.00	26.09 1.10 0.00	26.13 1.18 0.00	32.05 1.50 0.00	29.76 1.70 0.00	29.18 1.88 0.00	30.80 2.02 0.00	32.22 2.07 -0.24	32.93 2.05 -0.12	31.10 1.92 -0.04	32.54 2.04 0.00	31.01 1.87 -1.59	35.41 2.06 0.00	1064.35 2.22 -1025.49	36.43 1.87 0.00	38.23 1.81 0.00	41.41 2.11 0.00	40.22 2.10 0.00	36.10 1.80 0.00	32.53 1.64 0.00	31.63 1.44 0.00