

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

### --- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

09/02/2025

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	30.02	24.27	26.40	25.26	24.52	29.32	39.09	41.17	32.31	24.84	60.36	29.67	47.12	35.71	34.59	34.22	34.59	37.02	47.98	41.59	42.42	35.74	33.28	31.10
24138	1.04	0.76	0.80	0.76	0.76	0.87	1.46	1.92	1.74	1.53	1.03	1.23	1.22	1.52	1.88	2.25	2.12	2.32	2.45	1.82	1.74	1.58	1.56	1.30
	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-43.67	-9.56	-26.93	-10.57	-4.27	0.00	-2.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	30.04	24.29	26.38	25.24	24.51	29.30	39.09	41.16	32.27	24.81	60.33	29.62	47.10	35.68	34.55	34.16	34.55	37.01	47.99	41.67	42.52	35.81	33.34	31.16
24260	1.07	0.78	0.78	0.75	0.75	0.86	1.46	1.91	1.70	1.50	1.00	1.20	1.19	1.49	1.83	2.20	2.09	2.31	2.45	1.90	1.84	1.66	1.62	1.36
	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-43.68	-9.54	-26.95	-10.58	-4.27	0.00	-2.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	30.04	24.29	26.38	25.24	24.51	29.30	39.09	41.16	32.27	24.81	60.33	29.62	47.10	35.68	34.55	34.16	34.55	37.01	47.99	41.67	42.52	35.81	33.34	31.16
24261	1.07	0.78	0.78	0.75	0.75	0.86	1.46	1.91	1.70	1.50	1.00	1.20	1.19	1.49	1.83	2.20	2.09	2.31	2.45	1.90	1.84	1.66	1.62	1.36
	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-43.68	-9.54	-26.95	-10.58	-4.27	0.00	-2.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	30.58	24.96	27.11	25.96	25.24	30.18	40.02	41.84	32.52	24.55	-12.55	21.44	-2.75	15.70	25.80	33.03	31.53	36.08	47.62	41.82	42.79	36.03	33.44	31.30
24011	1.72	1.45	1.51	1.47	1.48	1.74	2.39	2.58	1.95	1.24	0.80	0.94	0.88	0.96	0.95	1.07	1.02	1.39	2.08	2.05	2.12	1.88	1.73	1.51
	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	29.00	-1.62	22.60	8.87	3.58	0.00	-0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	30.82	25.15	27.31	26.16	25.44	30.43	40.31	42.16	32.78	24.69	-12.02	21.57	-2.29	15.99	26.01	33.22	31.69	36.19	47.80	42.06	43.08	36.33	33.74	31.55
23798	1.96	1.64	1.71	1.67	1.68	1.99	2.68	2.90	2.21	1.39	0.90	1.07	1.02	1.13	1.11	1.26	1.18	1.49	2.26	2.29	2.41	2.18	2.02	1.75
	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	28.58	-1.62	22.28	8.75	3.53	0.00	-0.42	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	30.58	24.96	27.11	25.96	25.24	30.18	40.02	41.84	32.52															

ALBANY___2 23572	29.12 0.24 0.04	23.81 0.30 0.00	25.87 0.27 0.00	24.78 0.29 0.00	24.06 0.30 0.00	28.65 0.21 0.00	37.98 0.34 0.00	39.72 0.46 0.00	31.00 0.44 0.00	23.60 0.30 0.00	-9.56 -0.02 25.20	20.56 -0.06 -1.74	-0.90 -0.04 19.83	15.71 -0.11 7.79	25.13 -0.16 3.15	31.78 -0.18 0.00	30.35 -0.18 -0.45	34.47 -0.22 0.00	45.20 -0.34 0.00	39.45 -0.32 0.00	40.33 -0.34 0.00	33.96 -0.19 0.00	31.52 -0.20 0.00	29.60 -0.19 0.00
ALBANY___3 23573	29.12 0.24 0.04	23.81 0.30 0.00	25.87 0.27 0.00	24.78 0.29 0.00	24.06 0.30 0.00	28.65 0.21 0.00	37.98 0.34 0.00	39.72 0.46 0.00	31.00 0.44 0.00	23.60 0.30 0.00	-9.56 -0.02 25.20	20.56 -0.06 -1.74	-0.90 -0.04 19.83	15.71 -0.11 7.79	25.13 -0.16 3.15	31.78 -0.18 0.00	30.35 -0.18 -0.45	34.47 -0.22 0.00	45.20 -0.34 0.00	39.45 -0.32 0.00	40.33 -0.34 0.00	33.96 -0.19 0.00	31.52 -0.20 0.00	29.60 -0.19 0.00
ALBANY___4 23574	29.12 0.24 0.04	23.81 0.30 0.00	25.87 0.27 0.00	24.78 0.29 0.00	24.06 0.30 0.00	28.65 0.21 0.00	37.98 0.34 0.00	39.72 0.46 0.00	31.00 0.44 0.00	23.60 0.30 0.00	-9.56 -0.02 25.20	20.56 -0.06 -1.74	-0.90 -0.04 19.83	15.71 -0.11 7.79	25.13 -0.16 3.15	31.78 -0.18 0.00	30.35 -0.18 -0.45	34.47 -0.22 0.00	45.20 -0.34 0.00	39.45 -0.32 0.00	40.33 -0.34 0.00	33.96 -0.19 0.00	31.52 -0.20 0.00	29.60 -0.19 0.00
ALBANY___LFGE 323615	29.31 0.44 0.04	23.97 0.46 0.00	26.04 0.44 0.00	24.95 0.46 0.00	24.22 0.46 0.00	28.86 0.41 0.00	38.25 0.62 0.00	40.01 0.75 0.00	31.22 0.65 0.00	23.76 0.46 0.00	-11.01 0.14 26.80	20.75 0.14 -1.73	-1.91 0.15 21.03	15.50 0.14 8.25	25.26 0.16 3.33	32.17 0.21 0.00	30.73 0.20 -0.45	34.94 0.24 0.00	45.82 0.28 0.00	39.97 0.20 0.00	40.85 0.18 0.00	34.38 0.23 0.00	31.90 0.19 0.00	29.95 0.15 0.00
ALCOA_PA_115KV_PL-6C 55860	29.74 0.83 0.00	24.17 0.66 0.00	26.33 0.73 0.00	25.19 0.70 0.00	24.45 0.69 0.00	29.32 0.87 0.00	38.70 1.07 0.00	40.08 0.82 0.00	31.13 0.57 0.00	23.75 0.45 0.00	15.95 0.29 0.00	19.23 0.35 0.00	19.30 0.33 0.00	24.07 0.46 0.00	28.98 0.54 0.00	32.49 0.52 0.00	30.53 0.44 0.00	35.12 0.42 0.00	46.25 0.71 0.00	40.55 0.78 0.00	41.59 0.92 0.00	34.84 0.68 0.00	32.25 0.54 0.00	30.38 0.59 0.00
ALCOA_RYNLDS___DRP 24188	29.74 0.83 0.00	24.17 0.66 0.00	26.33 0.73 0.00	25.19 0.70 0.00	24.45 0.69 0.00	29.32 0.87 0.00	38.70 1.07 0.00	40.08 0.82 0.00	31.13 0.57 0.00	23.75 0.45 0.00	15.95 0.29 0.00	19.23 0.35 0.00	19.30 0.33 0.00	24.07 0.46 0.00	28.98 0.54 0.00	32.49 0.52 0.00	30.53 0.44 0.00	35.12 0.42 0.00	46.25 0.71 0.00	40.55 0.78 0.00	41.59 0.92 0.00	34.84 0.68 0.00	32.25 0.54 0.00	30.38 0.59 0.00
ALCOA___DSASP 323711	29.74 0.83 0.00	24.17 0.65 0.00	26.33 0.73 0.00	25.19 0.70 0.00	24.45 0.69 0.00	29.32 0.87 0.00	38.70 1.07 0.00	40.07 0.82 0.00	31.13 0.57 0.00	23.75 0.45 0.00	15.95 0.29 0.00	19.23 0.35 0.00	19.30 0.33 0.00	24.07 0.46 0.00	28.98 0.54 0.00	32.49 0.52 0.00	30.53 0.44 0.00	35.12 0.42 0.00	46.25 0.71 0.00	40.55 0.78 0.00	41.59 0.92 0.00	34.84 0.68 0.00	32.25 0.53 0.00	30.38 0.59 0.00
ALLEGHENY___COGEN 23514	29.47 0.55 0.00	23.85 0.33 0.00	25.96 0.36 0.00	24.83 0.34 0.00	24.14 0.38 0.00	29.16 0.71 0.00	38.96 1.33 0.00	40.52 1.26 0.00	31.07 0.50 0.00	23.42 0.11 0.00	15.85 0.19 0.00	19.25 0.37 0.00	19.54 0.57 0.00	24.22 0.61 0.00	29.30 0.86 0.00	32.79 0.83 0.00	30.97 0.88 0.00	35.61 0.91 0.00	47.51 1.97 0.00	41.91 2.14 0.00	42.88 2.21 0.00	35.78 1.62 0.00	33.08 1.36 0.00	31.02 1.22 0.00
ALTAMONT_115KV_TB 2 55880	29.23 0.34 0.03	23.84 0.33 0.00	25.94 0.34 0.00	24.82 0.33 0.00	24.09 0.32 0.00	28.76 0.31 0.00	38.12 0.49 0.00	39.87 0.62 0.00	31.06 0.50 0.00	23.66 0.35 0.00	2.33 0.18 13.51	20.67 0.20 -1.59	8.14 0.19 11.03	19.49 0.21 4.33	26.92 0.23 1.75	32.28 0.32 0.00	30.78 0.28 -0.40	35.04 0.35 0.00	45.97 0.43 0.00	40.15 0.38 0.00	41.04 0.37 0.00	34.53 0.38 0.00	32.09 0.37 0.00	30.14 0.34 0.00
ALTONA_WT_PWR 323606	29.70 0.78 0.00	24.17 0.65 0.00	26.26 0.66 0.00	25.16 0.67 0.00	24.46 0.69 0.00	29.34 0.89 0.00	39.27 1.64 0.00	41.58 2.32 0.00	32.37 1.81 0.00	24.52 1.22 0.00	16.42 0.76 0.00	19.84 0.96 0.00	19.95 0.97 0.00	24.87 1.26 0.00	30.00 1.56 0.00	33.48 1.52 0.00	31.73 1.64 0.00	36.53 1.83 0.00	48.11 2.57 0.00	42.25 2.48 0.00	42.87 2.20 0.00	35.29 1.13 0.00	32.09 0.37 0.00	30.77 0.97 0.00
AMERICAN_REF_FUEL 24010	27.79 -1.12 0.00	22.63 -0.89 0.00	24.75 -0.85 0.00	23.65 -0.84 0.00	22.94 -0.82 0.00	27.65 -0.80 0.00	36.45 -1.19 0.00	37.52 -1.73 0.00	29.41 -1.16 0.00	22.63 -0.68 0.00	15.40 -0.26 0.00	18.66 -0.22 0.00	18.85 -0.12 0.00	23.35 -0.26 0.00	28.28 -0.15 0.00	31.36 -0.60 0.00	29.22 -0.87 0.00	33.34 -1.36 0.00	43.37 -2.16 0.00	37.78 -1.98 0.00	38.82 -1.85 0.00	32.72 -1.43 0.00	30.53 -1.19 0.00	28.87 -0.92 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	27.86 -1.05 0.00	22.65 -0.87 0.00	24.79 -0.80 0.00	23.82 -0.68 0.00	23.09 -0.67 0.00	27.71 -0.73 0.00	36.88 -0.75 0.00	38.33 -0.92 0.00	30.05 -0.51 0.00	23.23 -0.07 0.00	15.90 0.24 0.00	19.36 0.48 0.00	19.56 0.59 0.00	24.29 0.68 0.00	29.42 0.98 0.00	32.82 0.86 0.00	30.73 0.64 0.00	34.95 0.25 0.00	45.60 0.07 0.00	39.95 0.19 0.00	40.92 0.24 0.00	34.28 0.13 0.00	31.84 0.13 0.00	29.77 -0.03 0.00
ARTHUR KILL_GT_1 23520	29.91 0.94 -0.06	24.19 0.67 0.00	26.41 0.81 0.00	25.27 0.78 0.00	24.52 0.76 0.00	29.33 0.89 0.00	39.07 1.44 0.00	41.19 1.93 0.00	32.23 1.67 0.00	24.70 1.40 0.00	60.22 0.88 -43.68	29.46 1.05 -9.54	46.92 1.00 -26.95	35.51 1.32 -10.58	34.34 1.63 -4.27	33.94 1.97 0.00	34.39 1.93 -2.37	36.71 2.01 0.00	47.15 1.62 0.01	41.02 1.26 0.00	41.94 1.27 0.00	35.48 1.33 0.00	33.13 1.42 0.00	30.98 1.19 0.00
ARTHUR_KILL_2 23512	29.82 0.84 -0.06	24.11 0.60 0.00	26.33 0.73 0.00	25.20 0.70 0.00	24.45 0.69 0.00	29.25 0.80 0.00	38.94 1.30 0.00	41.05 1.80 0.00	32.13 1.57 0.00	24.64 1.33 0.00	60.19 0.85 -43.68	29.41 0.99 -9.54	46.92 1.00 -26.95	35.46 1.27 -10.58	34.27 1.56 -4.27	33.84 1.88 0.00	34.29 1.83 -2.37	36.59 1.89 0.00	46.99 1.46 0.01	40.87 1.11 0.00	41.79 1.12 0.00	35.35 1.19 0.00	33.02 1.30 0.00	30.88 1.09 0.00
ARTHUR_KILL_3 23513	29.74 0.77 -0.06	24.04 0.53 0.00	26.09 0.48 0.00	24.96 0.46 0.00	24.23 0.47 0.00	28.97 0.52 0.00	38.61 0.98 0.00	40.65 1.40 0.00	31.86 1.30 0.00	24.50 1.20 0.00	59.97 0.79 -43.52	29.37 0.94 -9.55	46.86 0.95 -26.94	35.37 1.18 -10.58	34.16 1.45 -4.27	33.72 1.75 0.00	34.14 1.68 -2.37	36.53 1.83 0.00	47.37 1.84 0.00	41.12 1.36 0.00	41.98 1.30 0.00	35.38 1.22 0.00	32.96 1.24 0.00	30.83 1.03 0.00

ARTHUR_KILL_COGEN 323718	29.91 0.94 -0.06	24.19 0.67 0.00	26.41 0.81 0.00	25.27 0.78 0.00	24.52 0.76 0.00	29.33 0.88 0.00	39.06 1.43 0.00	41.20 1.94 0.00	32.23 1.67 0.00	24.71 1.41 0.00	60.23 0.90 -43.68	29.47 1.05 -9.54	46.98 1.06 -26.95	35.53 1.34 -10.58	34.36 1.64 -4.27	33.94 1.97 0.00	34.38 1.93 -2.37	36.71 2.02 0.00	47.15 1.62 0.01	41.03 1.27 0.00	41.94 1.27 0.00	35.48 1.32 0.00	33.13 1.42 0.00	30.99 1.19 0.00
ASHOKAN____ 23654	29.51 0.60 0.00	23.95 0.43 0.00	26.01 0.42 0.00	24.89 0.39 0.00	24.13 0.37 0.00	28.87 0.42 0.00	38.57 0.94 0.00	40.62 1.36 0.00	31.62 1.05 0.00	23.94 0.63 0.00	16.00 0.34 0.00	19.22 0.34 0.00	19.38 0.41 0.00	24.06 0.45 0.00	28.91 0.48 0.00	32.59 0.63 0.00	30.78 0.69 0.00	35.73 1.03 0.00	47.14 1.60 0.00	41.23 1.47 0.00	42.15 1.48 0.00	35.33 1.18 0.00	32.68 0.97 0.00	30.59 0.80 0.00
ASTORIA_EAST_ENERGY_CC1 323581	29.81 0.83 -0.06	24.12 0.61 0.00	26.14 0.54 0.00	25.02 0.53 0.00	24.30 0.53 0.00	29.02 0.57 0.00	38.58 0.95 0.00	40.79 1.53 0.00	31.98 1.41 0.00	24.54 1.24 0.00	60.15 0.82 -43.68	29.40 0.98 -9.54	46.88 0.96 -26.95	35.42 1.23 -10.58	34.21 1.50 -4.27	33.74 1.77 0.00	34.19 1.73 -2.37	36.56 1.86 0.00	47.32 1.78 0.00	41.06 1.30 0.00	41.92 1.25 0.00	35.38 1.23 0.00	32.97 1.25 0.00	30.81 1.01 0.00
ASTORIA_EAST_ENERGY_CC2 323582	29.82 0.84 -0.06	24.13 0.62 0.00	26.16 0.56 0.00	25.04 0.54 0.00	24.31 0.55 0.00	29.04 0.59 0.00	38.62 0.99 0.00	40.83 1.57 0.00	32.00 1.43 0.00	24.56 1.26 0.00	60.17 0.83 -43.68	29.42 0.99 -9.54	46.89 0.97 -26.95	35.44 1.25 -10.58	34.23 1.52 -4.27	33.76 1.79 0.00	34.21 1.75 -2.37	36.58 1.89 0.00	47.36 1.83 0.00	41.10 1.34 0.00	41.96 1.28 0.00	35.41 1.26 0.00	33.00 1.28 0.00	30.84 1.04 0.00
ASTORIA_GT2_1 24094	29.83 0.86 -0.06	24.13 0.62 0.00	26.15 0.55 0.00	25.03 0.54 0.00	24.30 0.54 0.00	29.03 0.58 0.00	38.61 0.98 0.00	40.82 1.56 0.00	31.99 1.42 0.00	24.54 1.24 0.00	60.15 0.82 -43.68	29.41 0.99 -9.54	46.85 0.93 -26.95	35.42 1.23 -10.58	34.22 1.51 -4.27	33.76 1.79 0.00	34.21 1.75 -2.37	36.58 1.88 0.00	47.36 1.82 0.00	41.09 1.32 0.00	41.95 1.28 0.00	35.40 1.25 0.00	32.99 1.27 0.00	30.82 1.02 0.00
ASTORIA_GT2_2 24095	29.83 0.86 -0.06	24.13 0.62 0.00	26.15 0.55 0.00	25.03 0.54 0.00	24.30 0.54 0.00	29.03 0.58 0.00	38.61 0.98 0.00	40.82 1.56 0.00	31.99 1.42 0.00	24.54 1.24 0.00	60.15 0.82 -43.68	29.41 0.99 -9.54	46.85 0.93 -26.95	35.42 1.23 -10.58	34.22 1.51 -4.27	33.76 1.79 0.00	34.21 1.75 -2.37	36.58 1.88 0.00	47.36 1.82 0.00	41.09 1.32 0.00	41.95 1.28 0.00	35.40 1.25 0.00	32.99 1.27 0.00	30.82 1.02 0.00
ASTORIA_GT2_3 24096	29.83 0.86 -0.06	24.13 0.62 0.00	26.15 0.55 0.00	25.03 0.54 0.00	24.30 0.54 0.00	29.03 0.58 0.00	38.61 0.98 0.00	40.82 1.56 0.00	31.99 1.42 0.00	24.54 1.24 0.00	60.15 0.82 -43.68	29.41 0.99 -9.54	46.85 0.93 -26.95	35.42 1.23 -10.58	34.22 1.51 -4.27	33.76 1.79 0.00	34.21 1.75 -2.37	36.58 1.88 0.00	47.36 1.82 0.00	41.09 1.32 0.00	41.95 1.28 0.00	35.40 1.25 0.00	32.99 1.27 0.00	30.82 1.02 0.00
ASTORIA_GT2_4 24097	29.83 0.86 -0.06	24.13 0.62 0.00	26.15 0.55 0.00	25.03 0.54 0.00	24.30 0.54 0.00	29.03 0.58 0.00	38.61 0.98 0.00	40.82 1.56 0.00	31.99 1.42 0.00	24.54 1.24 0.00	60.15 0.82 -43.68	29.41 0.99 -9.54	46.85 0.93 -26.95	35.42 1.23 -10.58	34.22 1.51 -4.27	33.76 1.79 0.00	34.21 1.75 -2.37	36.58 1.88 0.00	47.36 1.82 0.00	41.09 1.32 0.00	41.95 1.28 0.00	35.40 1.25 0.00	32.99 1.27 0.00	30.82 1.02 0.00
ASTORIA_GT3_1 24098	29.84 0.87 -0.06	24.14 0.63 0.00	26.17 0.57 0.00	25.05 0.56 0.00	24.31 0.55 0.00	29.05 0.60 0.00	38.64 1.01 0.00	40.85 1.60 0.00	32.01 1.45 0.00	24.57 1.26 0.00	60.16 0.83 -43.68	29.42 1.00 -9.54	46.87 0.95 -26.95	35.44 1.25 -10.58	34.24 1.53 -4.27	33.78 1.82 0.00	34.22 1.76 -2.37	36.59 1.90 0.00	47.39 1.85 0.00	41.12 1.35 0.00	41.99 1.31 0.00	35.43 1.28 0.00	33.02 1.30 0.00	30.84 1.05 0.00
ASTORIA_GT3_2 24099	29.84 0.87 -0.06	24.14 0.63 0.00	26.17 0.57 0.00	25.05 0.56 0.00	24.31 0.55 0.00	29.05 0.60 0.00	38.64 1.01 0.00	40.85 1.60 0.00	32.01 1.45 0.00	24.57 1.26 0.00	60.16 0.83 -43.68	29.42 1.00 -9.54	46.87 0.95 -26.95	35.44 1.25 -10.58	34.24 1.53 -4.27	33.78 1.82 0.00	34.22 1.76 -2.37	36.59 1.90 0.00	47.39 1.85 0.00	41.12 1.35 0.00	41.99 1.31 0.00	35.43 1.28 0.00	33.02 1.30 0.00	30.84 1.05 0.00
ASTORIA_GT3_3 24100	29.84 0.87 -0.06	24.14 0.63 0.00	26.17 0.57 0.00	25.05 0.56 0.00	24.31 0.55 0.00	29.05 0.60 0.00	38.64 1.01 0.00	40.85 1.60 0.00	32.01 1.45 0.00	24.57 1.26 0.00	60.16 0.83 -43.68	29.42 1.00 -9.54	46.87 0.95 -26.95	35.44 1.25 -10.58	34.24 1.53 -4.27	33.78 1.82 0.00	34.22 1.76 -2.37	36.59 1.90 0.00	47.39 1.85 0.00	41.12 1.35 0.00	41.99 1.31 0.00	35.43 1.28 0.00	33.02 1.30 0.00	30.84 1.05 0.00
ASTORIA_GT3_4 24101	29.84 0.87 -0.06	24.14 0.63 0.00	26.17 0.57 0.00	25.05 0.56 0.00	24.31 0.55 0.00	29.05 0.60 0.00	38.64 1.01 0.00	40.85 1.60 0.00	32.01 1.45 0.00	24.57 1.26 0.00	60.16 0.83 -43.68	29.42 1.00 -9.54	46.87 0.95 -26.95	35.44 1.25 -10.58	34.24 1.53 -4.27	33.78 1.82 0.00	34.22 1.76 -2.37	36.59 1.90 0.00	47.39 1.85 0.00	41.12 1.35 0.00	41.99 1.31 0.00	35.43 1.28 0.00	33.02 1.30 0.00	30.84 1.05 0.00
ASTORIA_GT4_1 24102	29.84 0.87 -0.06	24.14 0.63 0.00	26.17 0.57 0.00	25.05 0.56 0.00	24.31 0.55 0.00	29.05 0.60 0.00	38.64 1.01 0.00	40.85 1.60 0.00	32.01 1.45 0.00	24.57 1.26 0.00	60.16 0.83 -43.68	29.42 1.00 -9.54	46.87 0.95 -26.95	35.44 1.25 -10.58	34.24 1.53 -4.27	33.78 1.82 0.00	34.22 1.76 -2.37	36.59 1.90 0.00	47.39 1.85 0.00	41.12 1.35 0.00	41.99 1.31 0.00	35.43 1.28 0.00	33.02 1.30 0.00	30.84 1.05 0.00
ASTORIA_GT4_2 24103	29.84 0.87 -0.06	24.14 0.63 0.00	26.17 0.57 0.00	25.05 0.56 0.00	24.31 0.55 0.00	29.05 0.60 0.00	38.64 1.01 0.00	40.85 1.60 0.00	32.01 1.45 0.00	24.57 1.26 0.00	60.16 0.83 -43.68	29.42 1.00 -9.54	46.87 0.95 -26.95	35.44 1.25 -10.58	34.24 1.53 -4.27	33.78 1.82 0.00	34.22 1.76 -2.37	36.59 1.90 0.00	47.39 1.85 0.00	41.12 1.35 0.00	41.99 1.31 0.00	35.43 1.28 0.00	33.02 1.30 0.00	30.84 1.05 0.00
ASTORIA_GT4_3 24104	29.84 0.87 -0.06	24.14 0.63 0.00	26.17 0.57 0.00	25.05 0.56 0.00	24.31 0.55 0.00	29.05 0.60 0.00	38.64 1.01 0.00	40.85 1.60 0.00	32.01 1.45 0.00	24.57 1.26 0.00	60.16 0.83 -43.68	29.42 1.00 -9.54	46.87 0.95 -26.95	35.44 1.25 -10.58	34.24 1.53 -4.27	33.78 1.82 0.00	34.22 1.76 -2.37	36.59 1.90 0.00	47.39 1.85 0.00	41.12 1.35 0.00	41.99 1.31 0.00	35.43 1.28 0.00	33.02 1.30 0.00	30.84 1.05 0.00

ASTORIA_GT4_4 24105	29.84 0.87 -0.06	24.14 0.63 0.00	26.17 0.57 0.00	25.05 0.56 0.00	24.31 0.55 0.00	29.05 0.60 0.00	38.64 1.01 0.00	40.85 1.60 0.00	32.01 1.45 0.00	24.57 1.26 0.00	60.16 0.83 -43.68	29.42 1.00 -9.54	46.87 0.95 -26.95	35.44 1.25 -10.58	34.24 1.53 -4.27	33.78 1.82 0.00	34.22 1.76 -2.37	36.59 1.90 0.00	47.39 1.85 0.00	41.12 1.35 0.00	41.99 1.31 0.00	35.43 1.28 0.00	33.02 1.30 0.00	30.84 1.05 0.00
ASTORIA_GT_1 23523	29.88 0.91 -0.06	24.18 0.66 0.00	26.20 0.60 0.00	25.08 0.59 0.00	24.35 0.59 0.00	29.09 0.64 0.00	38.70 1.07 0.00	40.90 1.65 0.00	32.07 1.50 0.00	24.61 1.30 0.00	60.19 0.86 -43.68	29.46 1.04 -9.54	46.90 0.98 -26.95	35.49 1.30 -10.58	34.30 1.58 -4.27	33.84 1.88 0.00	34.29 1.83 -2.37	36.66 1.97 0.00	47.46 1.93 0.00	41.19 1.43 0.00	42.05 1.38 0.00	35.48 1.33 0.00	33.07 1.35 0.00	30.89 1.10 0.00
ASTORIA_GT_10 24110	29.81 0.84 -0.06	24.10 0.59 0.00	26.17 0.57 0.00	25.05 0.56 0.00	24.32 0.56 0.00	29.09 0.64 0.00	38.72 1.09 0.00	40.88 1.62 0.00	32.03 1.47 0.00	24.61 1.31 0.00	60.21 0.87 -43.68	29.47 1.05 -9.54	46.92 1.01 -26.95	35.49 1.30 -10.58	34.31 1.59 -4.27	33.88 1.92 0.00	34.32 1.86 -2.37	36.70 2.00 0.00	47.48 1.94 0.00	41.22 1.45 0.00	42.07 1.40 0.00	35.50 1.34 0.00	33.05 1.33 0.00	30.88 1.09 0.00
ASTORIA_GT_11 24225	29.81 0.84 -0.06	24.10 0.59 0.00	26.17 0.57 0.00	25.05 0.56 0.00	24.32 0.56 0.00	29.09 0.64 0.00	38.72 1.09 0.00	40.88 1.62 0.00	32.03 1.47 0.00	24.61 1.31 0.00	60.21 0.87 -43.68	29.47 1.05 -9.54	46.92 1.01 -26.95	35.49 1.30 -10.58	34.31 1.59 -4.27	33.88 1.92 0.00	34.32 1.86 -2.37	36.70 2.00 0.00	47.48 1.94 0.00	41.22 1.45 0.00	42.07 1.40 0.00	35.50 1.34 0.00	33.05 1.33 0.00	30.88 1.09 0.00
ASTORIA_GT_12 24226	29.81 0.84 -0.06	24.10 0.59 0.00	26.17 0.57 0.00	25.05 0.56 0.00	24.32 0.56 0.00	29.09 0.64 0.00	38.72 1.09 0.00	40.88 1.62 0.00	32.03 1.47 0.00	24.61 1.31 0.00	60.21 0.87 -43.68	29.47 1.05 -9.54	46.92 1.01 -26.95	35.49 1.30 -10.58	34.31 1.59 -4.27	33.88 1.92 0.00	34.32 1.86 -2.37	36.70 2.00 0.00	47.48 1.94 0.00	41.22 1.45 0.00	42.07 1.40 0.00	35.50 1.34 0.00	33.05 1.33 0.00	30.88 1.09 0.00
ASTORIA_GT_13 24227	29.81 0.84 -0.06	24.10 0.59 0.00	26.17 0.57 0.00	25.05 0.56 0.00	24.32 0.56 0.00	29.09 0.64 0.00	38.72 1.09 0.00	40.88 1.62 0.00	32.03 1.47 0.00	24.61 1.31 0.00	60.21 0.87 -43.68	29.47 1.05 -9.54	46.92 1.01 -26.95	35.49 1.30 -10.58	34.31 1.59 -4.27	33.88 1.92 0.00	34.32 1.86 -2.37	36.70 2.00 0.00	47.48 1.94 0.00	41.22 1.45 0.00	42.07 1.40 0.00	35.50 1.34 0.00	33.05 1.33 0.00	30.88 1.09 0.00
ASTORIA_GT_5 24106	29.88 0.91 -0.06	24.18 0.66 0.00	26.20 0.60 0.00	25.08 0.59 0.00	24.35 0.59 0.00	29.09 0.64 0.00	38.70 1.07 0.00	40.90 1.65 0.00	32.07 1.50 0.00	24.61 1.30 0.00	60.19 0.86 -43.68	29.46 1.04 -9.54	46.90 0.98 -26.95	35.49 1.30 -10.58	34.30 1.58 -4.27	33.84 1.88 0.00	34.29 1.83 -2.37	36.66 1.97 0.00	47.46 1.93 0.00	41.19 1.43 0.00	42.05 1.38 0.00	35.48 1.33 0.00	33.07 1.35 0.00	30.89 1.10 0.00
ASTORIA_GT_7 24107	29.88 0.91 -0.06	24.18 0.66 0.00	26.20 0.60 0.00	25.08 0.59 0.00	24.35 0.59 0.00	29.09 0.64 0.00	38.70 1.07 0.00	40.90 1.65 0.00	32.07 1.50 0.00	24.61 1.30 0.00	60.19 0.86 -43.68	29.46 1.04 -9.54	46.90 0.98 -26.95	35.49 1.30 -10.58	34.30 1.58 -4.27	33.84 1.88 0.00	34.29 1.83 -2.37	36.66 1.97 0.00	47.46 1.93 0.00	41.19 1.43 0.00	42.05 1.38 0.00	35.48 1.33 0.00	33.07 1.35 0.00	30.89 1.10 0.00
ASTORIA_GT_8 24108	29.88 0.91 -0.06	24.18 0.66 0.00	26.20 0.60 0.00	25.08 0.59 0.00	24.35 0.59 0.00	29.09 0.64 0.00	38.70 1.07 0.00	40.90 1.65 0.00	32.07 1.50 0.00	24.61 1.30 0.00	60.19 0.86 -43.68	29.46 1.04 -9.54	46.90 0.98 -26.95	35.49 1.30 -10.58	34.30 1.58 -4.27	33.84 1.88 0.00	34.29 1.83 -2.37	36.66 1.97 0.00	47.46 1.93 0.00	41.19 1.43 0.00	42.05 1.38 0.00	35.48 1.33 0.00	33.07 1.35 0.00	30.89 1.10 0.00
ASTORIA___2 24149	29.84 0.87 -0.06	24.14 0.63 0.00	26.17 0.57 0.00	25.05 0.56 0.00	24.32 0.56 0.00	29.05 0.60 0.00	38.63 1.00 0.00	40.85 1.60 0.00	32.02 1.45 0.00	24.57 1.26 0.00	60.17 0.84 -43.68	29.42 1.00 -9.54	46.90 0.98 -26.95	35.46 1.27 -10.58	34.24 1.53 -4.27	33.78 1.81 0.00	34.22 1.77 -2.37	36.60 1.90 0.00	47.39 1.85 0.00	41.12 1.35 0.00	41.99 1.31 0.00	35.43 1.28 0.00	33.02 1.30 0.00	30.84 1.05 0.00
ASTORIA___3 23516	29.81 0.84 -0.06	24.11 0.60 0.00	26.17 0.57 0.00	25.05 0.56 0.00	24.32 0.56 0.00	29.09 0.64 0.00	38.71 1.08 0.00	40.88 1.62 0.00	32.03 1.47 0.00	24.62 1.31 0.00	60.21 0.88 -43.68	29.47 1.04 -9.54	46.96 1.04 -26.95	35.51 1.32 -10.58	34.32 1.60 -4.27	33.88 1.91 0.00	34.31 1.85 -2.37	36.70 2.01 0.00	47.48 1.94 0.00	41.22 1.45 0.00	42.07 1.40 0.00	35.50 1.34 0.00	33.05 1.33 0.00	30.88 1.09 0.00
ASTORIA___4 23517	29.81 0.84 -0.06	24.10 0.59 0.00	26.17 0.57 0.00	25.05 0.56 0.00	24.32 0.56 0.00	29.09 0.64 0.00	38.72 1.09 0.00	40.88 1.62 0.00	32.03 1.47 0.00	24.61 1.31 0.00	60.21 0.87 -43.68	29.47 1.05 -9.54	46.92 1.01 -26.95	35.49 1.30 -10.58	34.31 1.59 -4.27	33.88 1.92 0.00	34.32 1.86 -2.37	36.70 2.00 0.00	47.48 1.94 0.00	41.22 1.45 0.00	42.07 1.40 0.00	35.50 1.34 0.00	33.05 1.33 0.00	30.88 1.09 0.00
ASTORIA___5 23518	29.81 0.84 -0.06	24.11 0.60 0.00	26.17 0.57 0.00	25.05 0.56 0.00	24.32 0.56 0.00	29.09 0.64 0.00	38.71 1.08 0.00	40.88 1.62 0.00	32.03 1.47 0.00	24.62 1.31 0.00	60.21 0.88 -43.68	29.47 1.04 -9.54	46.96 1.04 -26.95	35.51 1.32 -10.58	34.32 1.60 -4.27	33.88 1.91 0.00	34.31 1.85 -2.37	36.70 2.01 0.00	47.48 1.94 0.00	41.22 1.45 0.00	42.07 1.40 0.00	35.50 1.34 0.00	33.05 1.33 0.00	30.88 1.09 0.00
AST_ENERGY_2_CC3 323677	29.83 0.86 -0.06	24.13 0.61 0.00	26.19 0.59 0.00	25.06 0.56 0.00	24.33 0.57 0.00	29.09 0.65 0.00	38.77 1.14 0.00	40.82 1.57 0.00	32.01 1.44 0.00	24.61 1.30 0.00	60.20 0.87 -43.68	29.46 1.03 -9.55	46.95 1.04 -26.94	35.47 1.28 -10.58	34.28 1.57 -4.27	33.86 1.90 0.00	34.27 1.81 -2.37	36.68 1.98 0.00	47.54 2.01 0.00	41.27 1.51 0.00	42.12 1.44 0.00	35.49 1.34 0.00	33.05 1.33 0.00	30.90 1.11 0.00
AST_ENERGY_2_CC4 323678	29.83 0.86 -0.06	24.13 0.61 0.00	26.19 0.59 0.00	25.06 0.56 0.00	24.33 0.57 0.00	29.09 0.65 0.00	38.77 1.14 0.00	40.82 1.57 0.00	32.01 1.44 0.00	24.61 1.30 0.00	60.20 0.87 -43.68	29.46 1.03 -9.55	46.95 1.04 -26.94	35.47 1.28 -10.58	34.28 1.57 -4.27	33.86 1.90 0.00	34.27 1.81 -2.37	36.68 1.98 0.00	47.54 2.01 0.00	41.27 1.51 0.00	42.12 1.44 0.00	35.49 1.34 0.00	33.05 1.33 0.00	30.90 1.11 0.00

ATHENS_STG_1 23668	29.34 0.41 -0.02	23.86 0.35 0.00	25.96 0.37 0.00	24.84 0.34 0.00	24.09 0.33 0.00	28.77 0.32 0.00	38.16 0.53 0.00	39.99 0.74 0.00	31.22 0.65 0.00	23.84 0.53 0.00	31.88 0.33 -15.89	21.14 0.37 -1.89	30.07 0.36 -10.74	28.23 0.40 -4.22	30.61 0.47 -1.70	32.56 0.60 0.00	31.11 0.55 -0.46	35.32 0.62 0.00	46.14 0.61 0.00	40.23 0.47 0.00	41.11 0.43 0.00	34.60 0.44 0.00	32.19 0.47 0.00	30.28 0.48 0.00
ATHENS_STG_2 23670	29.34 0.41 -0.02	23.86 0.35 0.00	25.96 0.37 0.00	24.84 0.34 0.00	24.09 0.33 0.00	28.77 0.32 0.00	38.16 0.53 0.00	39.99 0.74 0.00	31.22 0.65 0.00	23.84 0.53 0.00	31.88 0.33 -15.89	21.14 0.37 -1.89	30.07 0.36 -10.74	28.23 0.40 -4.22	30.61 0.47 -1.70	32.56 0.60 0.00	31.11 0.55 -0.46	35.32 0.62 0.00	46.14 0.61 0.00	40.23 0.47 0.00	41.11 0.43 0.00	34.60 0.44 0.00	32.19 0.47 0.00	30.28 0.48 0.00
ATHENS_STG_3 23677	29.34 0.41 -0.02	23.86 0.35 0.00	25.96 0.37 0.00	24.84 0.34 0.00	24.09 0.33 0.00	28.77 0.32 0.00	38.16 0.53 0.00	39.99 0.74 0.00	31.22 0.65 0.00	23.84 0.53 0.00	31.88 0.33 -15.89	21.14 0.37 -1.89	30.07 0.36 -10.74	28.23 0.40 -4.22	30.61 0.47 -1.70	32.56 0.60 0.00	31.11 0.55 -0.46	35.32 0.62 0.00	46.14 0.61 0.00	40.23 0.47 0.00	41.11 0.43 0.00	34.60 0.44 0.00	32.19 0.47 0.00	30.28 0.48 0.00
AUBURN___LFGE 323710	28.74 -0.17 0.00	23.31 -0.20 0.00	25.43 -0.17 0.00	24.36 -0.13 0.00	23.65 -0.11 0.00	28.37 -0.07 0.00	37.58 -0.05 0.00	39.16 -0.09 0.00	30.50 -0.07 0.00	23.17 -0.13 0.00	15.60 -0.05 0.00	18.79 -0.09 0.00	18.98 0.01 0.00	23.60 -0.01 0.00	28.51 0.07 0.00	31.92 -0.04 0.00	30.13 0.04 0.00	34.88 0.18 0.00	45.81 0.27 0.00	40.22 0.45 0.00	41.10 0.42 0.00	34.45 0.30 0.00	31.99 0.28 0.00	29.98 0.18 0.00
BABYLON_RES_REC 323704	30.29 1.27 -0.11	24.35 0.84 0.00	26.40 0.80 0.00	25.27 0.78 0.00	24.54 0.78 0.00	29.39 0.94 0.00	39.00 1.38 0.00	41.30 2.05 0.00	32.24 1.67 0.00	24.72 1.41 0.00	60.28 0.93 -43.69	30.09 1.15 -10.06	47.15 1.11 -27.06	41.85 1.34 -16.90	38.13 1.81 -7.88	35.56 2.24 -1.36	34.52 2.07 -2.36	36.94 2.25 0.00	47.85 2.32 0.00	41.54 1.77 0.00	42.37 1.70 0.00	35.86 1.71 0.00	33.27 1.55 0.00	31.14 1.35 0.00
BALL_HILL_WT_PWR 323825	28.01 -0.90 0.00	22.78 -0.73 0.00	24.89 -0.71 0.00	23.84 -0.66 0.00	23.11 -0.65 0.00	27.80 -0.65 0.00	36.91 -0.72 0.00	38.17 -1.09 0.00	29.88 -0.68 0.00	22.99 -0.32 0.00	15.68 0.02 0.00	19.04 0.16 0.00	19.25 0.27 0.00	23.87 0.26 0.00	28.92 0.48 0.00	32.25 0.28 0.00	30.20 0.11 0.00	34.49 -0.21 0.00	44.94 -0.59 0.00	39.30 -0.47 0.00	40.24 -0.43 0.00	33.76 -0.39 0.00	31.44 -0.28 0.00	29.53 -0.27 0.00
BARON_WINDS___WT_PWR 323822	28.14 -0.77 0.00	22.73 -0.78 0.00	24.72 -0.89 0.00	23.70 -0.79 0.00	23.00 -0.76 0.00	27.75 -0.70 0.00	37.05 -0.58 0.00	38.42 -0.84 0.00	29.81 -0.76 0.00	22.72 -0.59 0.00	15.41 -0.25 0.00	18.71 -0.16 0.00	18.95 -0.03 0.00	23.43 -0.18 0.00	28.46 0.02 0.00	31.86 -0.11 0.00	29.98 -0.11 0.00	34.33 -0.37 0.00	45.16 -0.37 0.00	39.64 -0.12 0.00	40.46 -0.21 0.00	33.80 -0.36 0.00	31.40 -0.32 0.00	29.60 -0.20 0.00
BARRETT_IC_1 23704	30.70 1.15 -0.64	24.30 0.78 0.00	26.34 0.73 0.00	25.21 0.72 0.00	24.47 0.71 0.00	29.29 0.84 0.00	38.82 1.19 0.00	40.96 1.70 0.00	32.02 1.45 0.00	24.59 1.29 0.00	60.24 0.88 -43.70	35.63 1.09 -15.66	49.10 1.10 -29.03	100.69 1.26 -75.81	65.27 1.64 -35.19	35.17 1.95 -1.26	34.18 1.72 -2.36	36.49 1.79 0.00	47.42 1.89 0.00	41.21 1.45 0.00	42.08 1.41 0.00	35.65 1.49 0.00	33.18 1.46 0.00	31.09 1.29 0.00
BARRETT_IC_10 23701	30.70 1.15 -0.64	24.30 0.78 0.00	26.34 0.73 0.00	25.21 0.72 0.00	24.47 0.71 0.00	29.29 0.84 0.00	38.82 1.19 0.00	40.96 1.70 0.00	32.02 1.45 0.00	24.59 1.29 0.00	60.24 0.88 -43.70	35.63 1.09 -15.66	49.07 1.10 -29.00	57.96 1.26 -33.09	45.43 1.64 -15.35	35.17 1.95 -1.26	34.18 1.72 -2.36	36.49 1.79 0.00	47.42 1.89 0.00	41.21 1.45 0.00	42.08 1.41 0.00	35.65 1.49 0.00	33.18 1.46 0.00	31.09 1.29 0.00
BARRETT_IC_11 23702	30.70 1.15 -0.64	24.30 0.78 0.00	26.34 0.73 0.00	25.21 0.72 0.00	24.47 0.71 0.00	29.29 0.84 0.00	38.82 1.19 0.00	40.96 1.70 0.00	32.02 1.45 0.00	24.59 1.29 0.00	60.24 0.88 -43.70	35.63 1.09 -15.66	49.07 1.10 -29.00	57.96 1.26 -33.09	45.43 1.64 -15.35	35.17 1.95 -1.26	34.18 1.72 -2.36	36.49 1.79 0.00	47.42 1.89 0.00	41.21 1.45 0.00	42.08 1.41 0.00	35.65 1.49 0.00	33.18 1.46 0.00	31.09 1.29 0.00
BARRETT_IC_12 23703	30.70 1.15 -0.64	24.30 0.78 0.00	26.34 0.73 0.00	25.21 0.72 0.00	24.47 0.71 0.00	29.29 0.84 0.00	38.82 1.19 0.00	40.96 1.70 0.00	32.02 1.45 0.00	24.59 1.29 0.00	60.24 0.88 -43.70	35.63 1.09 -15.66	49.07 1.10 -29.00	57.96 1.26 -33.09	45.43 1.64 -15.35	35.17 1.95 -1.26	34.18 1.72 -2.36	36.49 1.79 0.00	47.42 1.89 0.00	41.21 1.45 0.00	42.08 1.41 0.00	35.65 1.49 0.00	33.18 1.46 0.00	31.09 1.29 0.00
BARRETT_IC_2 23705	30.70 1.15 -0.64	24.30 0.78 0.00	26.34 0.73 0.00	25.21 0.72 0.00	24.47 0.71 0.00	29.29 0.84 0.00	38.82 1.19 0.00	40.96 1.70 0.00	32.02 1.45 0.00	24.59 1.29 0.00	60.24 0.88 -43.70	35.63 1.09 -15.66	49.10 1.10 -29.03	100.69 1.26 -75.81	65.27 1.64 -35.19	35.17 1.95 -1.26	34.18 1.72 -2.36	36.49 1.79 0.00	47.42 1.89 0.00	41.21 1.45 0.00	42.08 1.41 0.00	35.65 1.49 0.00	33.18 1.46 0.00	31.09 1.29 0.00
BARRETT_IC_3 23706	30.70 1.15 -0.64	24.30 0.78 0.00	26.34 0.73 0.00	25.21 0.72 0.00	24.47 0.71 0.00	29.29 0.84 0.00	38.82 1.19 0.00	40.96 1.70 0.00	32.02 1.45 0.00	24.59 1.29 0.00	60.24 0.88 -43.70	35.63 1.09 -15.66	49.10 1.10 -29.03	100.69 1.26 -75.81	65.27 1.64 -35.19	35.17 1.95 -1.26	34.18 1.72 -2.36	36.49 1.79 0.00	47.42 1.89 0.00	41.21 1.45 0.00	42.08 1.41 0.00	35.65 1.49 0.00	33.18 1.46 0.00	31.09 1.29 0.00
BARRETT_IC_4 23707	30.70 1.15 -0.64	24.30 0.78 0.00	26.34 0.73 0.00	25.21 0.72 0.00	24.47 0.71 0.00	29.29 0.84 0.00	38.82 1.19 0.00	40.96 1.70 0.00	32.02 1.45 0.00	24.59 1.29 0.00	60.24 0.88 -43.70	35.63 1.09 -15.66	49.10 1.10 -29.03	100.69 1.26 -75.81	65.27 1.64 -35.19	35.17 1.95 -1.26	34.18 1.72 -2.36	36.49 1.79 0.00	47.42 1.89 0.00	41.21 1.45 0.00	42.08 1.41 0.00	35.65 1.49 0.00	33.18 1.46 0.00	31.09 1.29 0.00
BARRETT_IC_5 23708	30.70 1.15 -0.64	24.30 0.78 0.00	26.34 0.73 0.00	25.21 0.72 0.00	24.47 0.71 0.00	29.29 0.84 0.00	38.82 1.19 0.00	40.96 1.70 0.00	32.02 1.45 0.00	24.59 1.29 0.00	60.24 0.88 -43.70	35.63 1.09 -15.66	49.10 1.10 -29.03	100.69 1.26 -75.81	65.27 1.64 -35.19	35.17 1.95 -1.26	34.18 1.72 -2.36	36.49 1.79 0.00	47.42 1.89 0.00	41.21 1.45 0.00	42.08 1.41 0.00	35.65 1.49 0.00	33.18 1.46 0.00	31.09 1.29 0.00

BARRETT_IC_6 23709	30.70 1.15 -0.64	24.30 0.78 0.00	26.34 0.73 0.00	25.21 0.72 0.00	24.47 0.71 0.00	29.29 0.84 0.00	38.82 1.19 0.00	40.96 1.70 0.00	32.02 1.45 0.00	24.59 1.29 0.00	60.24 0.88 -43.70	35.63 1.09 -15.66	49.10 1.10 -29.03	100.69 1.26 -75.81	65.27 1.64 -35.19	35.17 1.95 -1.26	34.18 1.72 -2.36	36.49 1.79 0.00	47.42 1.89 0.00	41.21 1.45 0.00	42.08 1.41 0.00	35.65 1.49 0.00	33.18 1.46 0.00	31.09 1.29 0.00
BARRETT_IC_7 23710	30.70 1.16 -0.64	24.30 0.78 0.00	26.34 0.74 0.00	25.21 0.72 0.00	24.48 0.72 0.00	29.29 0.84 0.00	38.82 1.19 0.00	40.96 1.70 0.00	32.01 1.45 0.00	24.59 1.29 0.00	60.23 0.87 -43.70	35.63 1.09 -15.66	49.04 1.04 -29.03	100.67 1.25 -75.81	65.26 1.64 -35.19	35.17 1.95 -1.26	34.19 1.73 -2.36	36.50 1.80 0.00	47.42 1.88 0.00	41.21 1.45 0.00	42.08 1.41 0.00	35.65 1.49 0.00	33.18 1.46 0.00	31.09 1.29 0.00
BARRETT_IC_8 23711	30.70 1.15 -0.64	24.30 0.78 0.00	26.34 0.73 0.00	25.21 0.72 0.00	24.47 0.71 0.00	29.29 0.84 0.00	38.82 1.19 0.00	40.96 1.70 0.00	32.02 1.45 0.00	24.59 1.29 0.00	60.24 0.88 -43.70	35.63 1.09 -15.66	49.10 1.10 -29.03	100.69 1.26 -75.81	65.27 1.64 -35.19	35.17 1.95 -1.26	34.18 1.72 -2.36	36.49 1.79 0.00	47.42 1.89 0.00	41.21 1.45 0.00	42.08 1.41 0.00	35.65 1.49 0.00	33.18 1.46 0.00	31.09 1.29 0.00
BARRETT_IC_9 23700	30.70 1.15 -0.64	24.30 0.78 0.00	26.34 0.73 0.00	25.21 0.72 0.00	24.47 0.71 0.00	29.29 0.84 0.00	38.82 1.19 0.00	40.96 1.70 0.00	32.02 1.45 0.00	24.59 1.29 0.00	60.24 0.88 -43.70	35.63 1.09 -15.66	49.07 1.10 -29.00	100.69 1.26 -75.81	65.27 1.64 -35.19	35.17 1.95 -1.26	34.18 1.72 -2.36	36.49 1.79 0.00	47.42 1.89 0.00	41.21 1.45 0.00	42.08 1.41 0.00	35.65 1.49 0.00	33.18 1.46 0.00	31.09 1.29 0.00
BARRETT___1 23545	30.70 1.15 -0.64	24.30 0.78 0.00	26.34 0.73 0.00	25.21 0.72 0.00	24.47 0.71 0.00	29.29 0.84 0.00	38.82 1.19 0.00	40.96 1.70 0.00	32.02 1.45 0.00	24.59 1.29 0.00	60.24 0.88 -43.70	35.63 1.09 -15.66	49.10 1.10 -29.03	100.69 1.26 -75.81	65.27 1.64 -35.19	35.17 1.95 -1.26	34.18 1.72 -2.36	36.49 1.79 0.00	47.42 1.89 0.00	41.21 1.45 0.00	42.08 1.41 0.00	35.65 1.49 0.00	33.18 1.46 0.00	31.09 1.29 0.00
BARRETT___2 23546	30.70 1.15 -0.64	24.30 0.78 0.00	26.34 0.73 0.00	25.21 0.72 0.00	24.47 0.71 0.00	29.29 0.84 0.00	38.82 1.19 0.00	40.96 1.70 0.00	32.02 1.45 0.00	24.59 1.29 0.00	60.24 0.88 -43.70	35.63 1.09 -15.66	49.07 1.10 -29.00	100.69 1.26 -75.81	65.27 1.64 -35.19	35.17 1.95 -1.26	34.18 1.72 -2.36	36.49 1.79 0.00	47.42 1.89 0.00	41.21 1.45 0.00	42.08 1.41 0.00	35.65 1.49 0.00	33.18 1.46 0.00	31.09 1.29 0.00
BATAVIA__115KV_TB1 55881	28.82 -0.09 0.00	23.42 -0.09 0.00	25.58 -0.02 0.00	24.45 -0.05 0.00	23.74 -0.02 0.00	28.65 0.20 0.00	37.98 0.35 0.00	39.36 0.10 0.00	30.67 0.10 0.00	23.38 0.07 0.00	15.84 0.18 0.00	19.16 0.28 0.00	19.47 0.50 0.00	24.27 0.66 0.00	29.35 0.91 0.00	32.57 0.61 0.00	30.51 0.42 0.00	35.14 0.44 0.00	46.06 0.52 0.00	40.15 0.38 0.00	41.21 0.54 0.00	34.55 0.39 0.00	32.11 0.39 0.00	30.20 0.40 0.00
BAYONEEC___CTG1 323682	29.84 0.87 -0.06	24.13 0.61 0.00	26.20 0.60 0.00	25.06 0.57 0.00	24.33 0.58 0.00	29.10 0.65 0.00	38.78 1.15 0.00	40.84 1.58 0.00	32.01 1.45 0.00	24.61 1.30 0.00	60.20 0.87 -43.68	29.46 1.03 -9.55	46.95 1.04 -26.94	35.48 1.29 -10.58	34.29 1.58 -4.27	33.87 1.91 0.00	34.29 1.83 -2.37	36.70 2.00 0.00	47.54 2.01 0.00	41.28 1.51 0.00	42.13 1.46 0.00	35.52 1.36 0.00	33.08 1.36 0.00	30.93 1.13 0.00
BAYONEEC___CTG10 323750	29.84 0.87 -0.06	24.13 0.61 0.00	26.20 0.60 0.00	25.06 0.57 0.00	24.33 0.58 0.00	29.10 0.65 0.00	38.78 1.15 0.00	40.84 1.58 0.00	32.01 1.45 0.00	24.61 1.30 0.00	60.20 0.87 -43.68	29.46 1.03 -9.55	46.95 1.04 -26.94	35.48 1.29 -10.58	34.29 1.58 -4.27	33.87 1.91 0.00	34.29 1.83 -2.37	36.70 2.00 0.00	47.54 2.01 0.00	41.28 1.51 0.00	42.13 1.46 0.00	35.52 1.36 0.00	33.08 1.36 0.00	30.93 1.13 0.00
BAYONEEC___CTG2 323683	29.84 0.87 -0.06	24.13 0.61 0.00	26.20 0.60 0.00	25.06 0.57 0.00	24.33 0.58 0.00	29.10 0.65 0.00	38.78 1.15 0.00	40.84 1.58 0.00	32.01 1.45 0.00	24.61 1.30 0.00	60.20 0.87 -43.68	29.46 1.03 -9.55	46.95 1.04 -26.94	35.48 1.29 -10.58	34.29 1.58 -4.27	33.87 1.91 0.00	34.29 1.83 -2.37	36.70 2.00 0.00	47.54 2.01 0.00	41.28 1.51 0.00	42.13 1.46 0.00	35.52 1.36 0.00	33.08 1.36 0.00	30.93 1.13 0.00
BAYONEEC___CTG3 323684	29.84 0.87 -0.06	24.13 0.61 0.00	26.20 0.60 0.00	25.06 0.57 0.00	24.33 0.58 0.00	29.10 0.65 0.00	38.78 1.15 0.00	40.84 1.58 0.00	32.01 1.45 0.00	24.61 1.30 0.00	60.20 0.87 -43.68	29.46 1.03 -9.55	46.95 1.04 -26.94	35.48 1.29 -10.58	34.29 1.58 -4.27	33.87 1.91 0.00	34.29 1.83 -2.37	36.70 2.00 0.00	47.54 2.01 0.00	41.28 1.51 0.00	42.13 1.46 0.00	35.52 1.36 0.00	33.08 1.36 0.00	30.93 1.13 0.00
BAYONEEC___CTG4 323685	29.84 0.87 -0.06	24.13 0.61 0.00	26.20 0.60 0.00	25.06 0.57 0.00	24.33 0.58 0.00	29.10 0.65 0.00	38.78 1.15 0.00	40.84 1.58 0.00	32.01 1.45 0.00	24.61 1.30 0.00	60.20 0.87 -43.68	29.46 1.03 -9.55	46.95 1.04 -26.94	35.48 1.29 -10.58	34.29 1.58 -4.27	33.87 1.91 0.00	34.29 1.83 -2.37	36.70 2.00 0.00	47.54 2.01 0.00	41.28 1.51 0.00	42.13 1.46 0.00	35.52 1.36 0.00	33.08 1.36 0.00	30.93 1.13 0.00
BAYONEEC___CTG5 323686	29.84 0.87 -0.06	24.13 0.61 0.00	26.20 0.60 0.00	25.06 0.57 0.00	24.33 0.58 0.00	29.10 0.65 0.00	38.78 1.15 0.00	40.84 1.58 0.00	32.01 1.45 0.00	24.61 1.30 0.00	60.20 0.87 -43.68	29.46 1.03 -9.55	46.95 1.04 -26.94	35.48 1.29 -10.58	34.29 1.58 -4.27	33.87 1.91 0.00	34.29 1.83 -2.37	36.70 2.00 0.00	47.54 2.01 0.00	41.28 1.51 0.00	42.13 1.46 0.00	35.52 1.36 0.00	33.08 1.36 0.00	30.93 1.13 0.00
BAYONEEC___CTG6 323687	29.84 0.87 -0.06	24.13 0.61 0.00	26.20 0.60 0.00	25.06 0.57 0.00	24.33 0.58 0.00	29.10 0.65 0.00	38.78 1.15 0.00	40.84 1.58 0.00	32.01 1.45 0.00	24.61 1.30 0.00	60.20 0.87 -43.68	29.46 1.03 -9.55	46.95 1.04 -26.94	35.48 1.29 -10.58	34.29 1.58 -4.27	33.87 1.91 0.00	34.29 1.83 -2.37	36.70 2.00 0.00	47.54 2.01 0.00	41.28 1.51 0.00	42.13 1.46 0.00	35.52 1.36 0.00	33.08 1.36 0.00	30.93 1.13 0.00
BAYONEEC___CTG7 323688	29.84 0.87 -0.06	24.13 0.61 0.00	26.20 0.60 0.00	25.06 0.57 0.00	24.33 0.58 0.00	29.10 0.65 0.00	38.78 1.15 0.00	40.84 1.58 0.00	32.01 1.45 0.00	24.61 1.30 0.00	60.20 0.87 -43.68	29.46 1.03 -9.55	46.95 1.04 -26.94	35.48 1.29 -10.58	34.29 1.58 -4.27	33.87 1.91 0.00	34.29 1.83 -2.37	36.70 2.00 0.00	47.54 2.01 0.00	41.28 1.51 0.00	42.13 1.46 0.00	35.52 1.36 0.00	33.08 1.36 0.00	30.93 1.13 0.00

BAYONEEC___CTG8 323689	29.84 0.87 -0.06	24.13 0.61 0.00	26.20 0.60 0.00	25.06 0.57 0.00	24.33 0.58 0.00	29.10 0.65 0.00	38.78 1.15 0.00	40.84 1.58 0.00	32.01 1.45 0.00	24.61 1.30 0.00	60.20 0.87 -43.68	29.46 1.03 -9.55	46.95 1.04 -26.94	35.48 1.29 -10.58	34.29 1.58 -4.27	33.87 1.91 0.00	34.29 1.83 -2.37	36.70 2.00 0.00	47.54 2.01 0.00	41.28 1.51 0.00	42.13 1.46 0.00	35.52 1.36 0.00	33.08 1.36 0.00	30.93 1.13 0.00
BAYONEEC___CTG9 323749	29.84 0.87 -0.06	24.13 0.61 0.00	26.20 0.60 0.00	25.06 0.57 0.00	24.33 0.58 0.00	29.10 0.65 0.00	38.78 1.15 0.00	40.84 1.58 0.00	32.01 1.45 0.00	24.61 1.30 0.00	60.20 0.87 -43.68	29.46 1.03 -9.55	46.95 1.04 -26.94	35.48 1.29 -10.58	34.29 1.58 -4.27	33.87 1.91 0.00	34.29 1.83 -2.37	36.70 2.00 0.00	47.54 2.01 0.00	41.28 1.51 0.00	42.13 1.46 0.00	35.52 1.36 0.00	33.08 1.36 0.00	30.93 1.13 0.00
BEACON___LESR 323632	29.33 0.46 0.04	23.96 0.45 0.00	26.04 0.44 0.00	24.96 0.47 0.00	24.22 0.46 0.00	28.84 0.39 0.00	38.38 0.75 0.00	40.08 0.82 0.00	31.26 0.69 0.00	23.80 0.50 0.00	-10.46 0.17 26.29	20.82 0.18 -1.76	-1.51 0.18 20.66	15.71 0.21 8.11	25.36 0.19 3.28	32.28 0.32 0.00	30.89 0.35 -0.45	35.17 0.47 0.00	46.23 0.69 0.00	40.21 0.45 0.00	41.07 0.40 0.00	34.51 0.36 0.00	32.00 0.28 0.00	30.10 0.30 0.00
BEAVER RIVER___HYD 24048	30.15 1.24 0.00	24.45 0.93 0.00	26.56 0.96 0.00	25.42 0.93 0.00	24.72 0.96 0.00	29.73 1.29 0.00	39.57 1.94 0.00	40.91 1.65 0.00	31.61 1.05 0.00	23.98 0.67 0.00	16.05 0.39 0.00	19.28 0.40 0.00	19.28 0.31 0.00	24.05 0.44 0.00	29.02 0.58 0.00	32.46 0.49 0.00	30.52 0.43 0.00	35.28 0.59 0.00	47.12 1.58 0.00	41.88 2.12 0.00	43.10 2.42 0.00	36.11 1.96 0.00	33.43 1.72 0.00	31.27 1.48 0.00
BEEBEE_GT_13 23619	28.51 -0.40 0.00	23.17 -0.34 0.00	25.27 -0.33 0.00	24.16 -0.33 0.00	23.46 -0.30 0.00	28.26 -0.19 0.00	37.50 -0.13 0.00	39.08 -0.18 0.00	30.49 -0.08 0.00	23.28 -0.02 0.00	15.76 0.10 0.00	19.09 0.21 0.00	19.30 0.33 0.00	24.04 0.43 0.00	28.95 0.52 0.00	32.39 0.43 0.00	30.41 0.32 0.00	34.99 0.30 0.00	45.92 0.38 0.00	40.03 0.26 0.00	40.96 0.29 0.00	34.28 0.13 0.00	31.82 0.10 0.00	29.86 0.06 0.00
BENSHRST_27_KV_BENSHRST_1 355998	30.04 1.06 -0.06	24.28 0.76 0.00	26.38 0.78 0.00	25.24 0.75 0.00	24.49 0.73 0.00	29.31 0.87 0.00	39.05 1.42 0.00	41.20 1.95 0.00	32.29 1.73 0.00	24.79 1.49 0.00	60.31 0.98 -43.68	29.59 1.17 -9.54	47.07 1.15 -26.95	35.68 1.49 -10.58	34.54 1.83 -4.27	34.15 2.19 0.00	34.58 2.13 -2.37	36.99 2.29 0.00	47.81 2.28 0.00	41.53 1.77 0.00	42.42 1.74 0.00	35.82 1.67 0.00	33.38 1.66 0.00	31.17 1.37 0.00
BETHLEHEM___GRP 23843	29.12 0.24 0.04	23.81 0.30 0.00	25.87 0.27 0.00	24.78 0.29 0.00	24.06 0.30 0.00	28.65 0.21 0.00	37.98 0.34 0.00	39.72 0.46 0.00	31.00 0.44 0.00	23.60 0.30 0.00	-9.56 -0.02 25.20	20.56 -0.06 -1.74	-0.90 -0.04 19.83	15.71 -0.11 7.79	25.13 -0.16 3.15	31.78 -0.18 0.00	30.35 -0.18 -0.45	34.47 -0.22 0.00	45.20 -0.34 0.00	39.45 -0.32 0.00	40.33 -0.34 0.00	33.96 -0.19 0.00	31.52 -0.20 0.00	29.60 -0.19 0.00
BETHLEHEM___GS1 323560	29.12 0.25 0.04	23.81 0.30 0.00	25.87 0.27 0.00	24.78 0.29 0.00	24.06 0.30 0.00	28.65 0.21 0.00	37.97 0.34 0.00	39.72 0.46 0.00	31.00 0.44 0.00	23.60 0.30 0.00	-9.56 -0.02 25.20	20.56 -0.06 -1.74	-0.92 -0.05 19.83	15.71 -0.11 7.79	25.13 -0.16 3.15	31.78 -0.18 0.00	30.35 -0.18 -0.45	34.47 -0.22 0.00	45.20 -0.34 0.00	39.44 -0.32 0.00	40.32 -0.35 0.00	33.96 -0.19 0.00	31.52 -0.20 0.00	29.60 -0.19 0.00
BETHLEHEM___GS2 323561	29.12 0.25 0.04	23.81 0.30 0.00	25.87 0.27 0.00	24.78 0.29 0.00	24.06 0.30 0.00	28.65 0.21 0.00	37.97 0.34 0.00	39.72 0.46 0.00	31.00 0.44 0.00	23.60 0.30 0.00	-9.56 -0.02 25.20	20.56 -0.06 -1.74	-0.92 -0.05 19.83	15.71 -0.11 7.79	25.13 -0.16 3.15	31.78 -0.18 0.00	30.35 -0.18 -0.45	34.47 -0.22 0.00	45.20 -0.34 0.00	39.44 -0.32 0.00	40.32 -0.35 0.00	33.96 -0.19 0.00	31.52 -0.20 0.00	29.60 -0.19 0.00
BETHLEHEM___GS3 323562	29.12 0.25 0.04	23.81 0.30 0.00	25.87 0.27 0.00	24.78 0.29 0.00	24.06 0.30 0.00	28.65 0.21 0.00	37.97 0.34 0.00	39.72 0.46 0.00	31.00 0.44 0.00	23.60 0.30 0.00	-9.56 -0.02 25.20	20.56 -0.06 -1.74	-0.92 -0.05 19.83	15.71 -0.11 7.79	25.13 -0.16 3.15	31.78 -0.18 0.00	30.35 -0.18 -0.45	34.47 -0.22 0.00	45.20 -0.34 0.00	39.44 -0.32 0.00	40.32 -0.35 0.00	33.96 -0.19 0.00	31.52 -0.20 0.00	29.60 -0.19 0.00
BETHLEHEM___STEEL 23779	28.17 -0.74 0.00	22.90 -0.61 0.00	25.02 -0.58 0.00	23.93 -0.56 0.00	23.21 -0.55 0.00	27.96 -0.49 0.00	37.03 -0.61 0.00	38.26 -1.00 0.00	29.96 -0.61 0.00	23.04 -0.27 0.00	15.69 0.04 0.00	19.03 0.15 0.00	19.27 0.30 0.00	23.87 0.26 0.00	28.89 0.45 0.00	32.18 0.22 0.00	30.11 0.02 0.00	34.37 -0.33 0.00	44.80 -0.74 0.00	39.11 -0.66 0.00	40.06 -0.61 0.00	33.62 -0.53 0.00	31.32 -0.39 0.00	29.50 -0.29 0.00
BETHLHEM_115KV_TB1 79974	29.14 0.26 0.04	23.81 0.30 0.00	25.88 0.29 0.00	24.79 0.29 0.00	24.06 0.30 0.00	28.75 0.30 0.00	38.09 0.46 0.00	39.86 0.60 0.00	31.07 0.51 0.00	23.68 0.38 0.00	3.06 0.19 12.79	20.68 0.20 -1.60	8.68 0.20 10.49	19.71 0.21 4.12	27.02 0.24 1.66	32.29 0.32 0.00	30.79 0.29 -0.41	35.03 0.33 0.00	45.92 0.38 0.00	40.08 0.31 0.00	40.98 0.30 0.00	34.49 0.33 0.00	32.05 0.33 0.00	30.10 0.30 0.00
BETHPAGE_CC_5 323564	30.28 1.24 -0.13	24.35 0.83 0.00	26.40 0.80 0.00	25.27 0.77 0.00	24.54 0.78 0.00	29.38 0.93 0.00	39.00 1.37 0.00	41.22 1.97 0.00	32.21 1.64 0.00	24.68 1.38 0.00	60.25 0.90 -43.69	30.26 1.10 -10.28	47.16 1.06 -27.13	43.61 1.28 -18.72	38.90 1.69 -8.77	35.48 2.07 -1.44	34.34 1.89 -2.36	36.74 2.05 0.00	47.60 2.07 0.00	41.32 1.55 0.00	42.18 1.50 0.00	35.77 1.61 0.00	33.21 1.49 0.00	31.14 1.35 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.21 -0.71 0.00	22.93 -0.58 0.00	25.05 -0.55 0.00	23.95 -0.55 0.00	23.23 -0.53 0.00	27.98 -0.47 0.00	37.08 -0.55 0.00	38.32 -0.94 0.00	30.01 -0.55 0.00	23.09 -0.22 0.00	15.73 0.07 0.00	19.07 0.19 0.00	19.32 0.34 0.00	23.93 0.32 0.00	28.96 0.52 0.00	32.27 0.31 0.00	30.19 0.10 0.00	34.47 -0.23 0.00	44.92 -0.62 0.00	39.21 -0.56 0.00	40.15 -0.52 0.00	33.70 -0.45 0.00	31.39 -0.33 0.00	29.54 -0.25 0.00
BINGHAMTON___COGEN 23790	28.64 -0.27 0.00	23.25 -0.26 0.00	25.32 -0.28 0.00	24.24 -0.25 0.00	23.52 -0.24 0.00	28.21 -0.23 0.00	37.53 -0.10 0.00	39.13 -0.13 0.00	30.44 -0.13 0.00	23.19 -0.12 0.00	15.64 -0.02 0.00	18.92 0.04 0.00	19.06 0.08 0.00	23.70 0.09 0.00	28.64 0.20 0.00	32.17 0.20 0.00	30.33 0.24 0.00	34.90 0.20 0.00	45.72 0.18 0.00	39.98 0.21 0.00	40.83 0.16 0.00	34.26 0.11 0.00	31.84 0.12 0.00	29.81 0.01 0.00

BIXINCNT_115KV_LOAD 355685	28.20 -0.72 0.00	22.90 -0.61 0.00	24.99 -0.61 0.00	23.75 -0.74 0.00	23.03 -0.73 0.00	27.77 -0.67 0.00	37.02 -0.61 0.00	38.50 -0.76 0.00	30.25 -0.32 0.00	23.30 -0.01 0.00	15.85 0.19 0.00	19.24 0.36 0.00	19.48 0.51 0.00	24.13 0.52 0.00	29.21 0.78 0.00	32.60 0.63 0.00	30.51 0.43 0.00	34.77 0.08 0.00	45.08 -0.46 0.00	39.46 -0.31 0.00	40.23 -0.44 0.00	33.91 -0.24 0.00	31.56 -0.15 0.00	29.66 -0.14 0.00
BLACK RIVER___HYD 24047	30.36 1.44 0.00	24.57 1.06 0.00	26.68 1.08 0.00	25.52 1.03 0.00	24.83 1.07 0.00	29.88 1.44 0.00	39.89 2.26 0.00	41.22 1.97 0.00	31.85 1.28 0.00	24.15 0.85 0.00	16.15 0.50 0.00	19.37 0.49 0.00	19.28 0.31 0.00	24.03 0.43 0.00	29.05 0.61 0.00	32.46 0.49 0.00	30.50 0.41 0.00	35.30 0.61 0.00	47.43 1.89 0.00	42.39 2.63 0.00	43.73 3.06 0.00	36.63 2.48 0.00	33.86 2.14 0.00	31.59 1.80 0.00
BLACKRVR_115KV_TB2 79977	30.36 1.44 0.00	24.57 1.06 0.00	26.68 1.08 0.00	25.52 1.03 0.00	24.83 1.07 0.00	29.89 1.44 0.00	39.89 2.26 0.00	41.22 1.97 0.00	31.85 1.28 0.00	24.15 0.85 0.00	16.16 0.50 0.00	19.37 0.49 0.00	19.29 0.32 0.00	24.03 0.43 0.00	29.05 0.61 0.00	32.46 0.49 0.00	30.50 0.41 0.00	35.30 0.61 0.00	47.43 1.89 0.00	42.39 2.63 0.00	43.73 3.06 0.00	36.63 2.48 0.00	33.86 2.14 0.00	31.59 1.80 0.00
BLDWN_LI_69_KV_BK4 356085	30.51 1.33 -0.27	24.42 0.91 0.00	26.46 0.86 0.00	25.33 0.83 0.00	24.59 0.83 0.00	29.45 1.00 0.00	39.08 1.45 0.00	41.26 2.01 0.00	32.24 1.67 0.00	24.74 1.43 0.00	60.31 0.96 -43.69	31.86 1.20 -11.78	47.77 1.16 -27.64	59.00 1.43 -33.96	46.25 1.88 -15.93	35.83 2.25 -1.61	34.52 2.07 -2.36	36.95 2.25 0.00	47.94 2.41 0.00	41.65 1.89 0.00	42.51 1.83 0.00	35.95 1.79 0.00	33.40 1.68 0.00	31.27 1.48 0.00
BLISS_WT_PWR 323608	28.17 -0.74 0.00	22.89 -0.63 0.00	24.96 -0.63 0.00	23.69 -0.80 0.00	22.95 -0.81 0.00	27.70 -0.75 0.00	36.95 -0.68 0.00	38.45 -0.81 0.00	30.25 -0.32 0.00	23.32 0.01 0.00	15.86 0.20 0.00	19.26 0.39 0.00	19.47 0.49 0.00	24.13 0.52 0.00	29.24 0.80 0.00	32.63 0.66 0.00	30.55 0.45 0.00	34.80 0.10 0.00	45.04 -0.49 0.00	39.44 -0.33 0.00	40.16 -0.51 0.00	33.89 -0.26 0.00	31.54 -0.17 0.00	29.65 -0.15 0.00
BLUESTONE___WT_PWR 323821	29.64 0.73 0.00	24.10 0.59 0.00	26.24 0.64 0.00	25.13 0.63 0.00	24.40 0.64 0.00	29.35 0.91 0.00	39.15 1.52 0.00	40.89 1.63 0.00	31.65 1.09 0.00	23.96 0.66 0.00	16.07 0.41 0.00	19.42 0.54 0.00	19.58 0.60 0.00	24.38 0.77 0.00	29.43 0.99 0.00	33.14 1.18 0.00	31.32 1.23 0.00	36.15 1.45 0.00	47.52 1.99 0.00	41.84 2.08 0.00	42.85 2.18 0.00	35.72 1.57 0.00	33.16 1.44 0.00	30.92 1.12 0.00
BLUE_CIRC_CHEM_DRP 24182	29.34 0.45 0.03	23.97 0.46 0.00	26.08 0.49 0.00	24.97 0.47 0.00	24.24 0.48 0.00	28.92 0.47 0.00	38.29 0.66 0.00	39.93 0.68 0.00	31.06 0.49 0.00	23.65 0.34 0.00	-1.53 0.17 17.35	20.68 0.15 -1.64	5.22 0.17 13.93	18.33 0.18 5.47	26.44 0.21 2.21	32.24 0.27 0.00	30.74 0.23 -0.42	35.03 0.33 0.00	45.97 0.43 0.00	40.16 0.39 0.00	41.06 0.39 0.00	34.56 0.40 0.00	32.12 0.40 0.00	30.17 0.37 0.00
BOC_GAS_DRP 24189	29.13 0.25 0.03	23.77 0.26 0.00	25.86 0.26 0.00	24.75 0.25 0.00	24.02 0.25 0.00	28.67 0.22 0.00	37.99 0.36 0.00	39.73 0.48 0.00	31.00 0.43 0.00	23.63 0.33 0.00	3.03 0.16 12.79	20.65 0.17 -1.60	8.65 0.17 10.49	19.67 0.17 4.12	26.97 0.19 1.66	32.23 0.27 0.00	30.72 0.23 -0.41	34.95 0.26 0.00	45.77 0.23 0.00	39.95 0.18 0.00	40.84 0.17 0.00	34.38 0.22 0.00	31.95 0.24 0.00	30.02 0.22 0.00
BOONVILLE_115KV_TB1 79983	29.71 0.79 0.00	24.12 0.61 0.00	26.23 0.63 0.00	25.11 0.61 0.00	24.38 0.62 0.00	29.29 0.85 0.00	38.96 1.33 0.00	40.44 1.19 0.00	31.32 0.76 0.00	23.76 0.46 0.00	15.93 0.27 0.00	19.19 0.30 0.00	19.28 0.31 0.00	24.03 0.42 0.00	28.96 0.52 0.00	32.49 0.53 0.00	30.64 0.54 0.00	35.50 0.80 0.00	47.02 1.49 0.00	41.42 1.66 0.00	42.44 1.76 0.00	35.54 1.39 0.00	32.93 1.21 0.00	30.81 1.02 0.00
BORALEX_4TH_BRANCH 23824	29.35 0.55 0.11	24.17 0.66 0.00	26.23 0.64 0.00	25.19 0.69 0.00	24.48 0.71 0.00	29.08 0.64 0.00	38.51 0.88 0.00	40.26 1.01 0.00	31.44 0.88 0.00	23.87 0.57 0.00	-49.50 0.35 65.50	21.40 0.43 -2.10	-30.71 0.44 50.12	4.46 0.52 19.68	21.04 0.55 7.95	32.69 0.72 0.00	31.14 0.49 -0.55	35.31 0.61 0.00	46.42 0.89 0.00	40.59 0.83 0.00	41.60 0.93 0.00	35.21 1.05 0.00	32.70 0.98 0.00	30.78 0.99 0.00
BOWLINE___1 23526	29.55 0.58 -0.05	23.92 0.41 0.00	25.97 0.37 0.00	24.85 0.36 0.00	24.11 0.35 0.00	28.82 0.38 0.00	38.40 0.76 0.00	40.38 1.12 0.00	31.58 1.01 0.00	24.21 0.90 0.00	36.68 0.60 -20.43	5.34 0.71 14.24	43.35 0.71 -23.67	33.79 0.89 -9.29	33.28 1.08 -3.75	33.31 1.35 0.00	27.81 1.30 3.58	36.14 1.44 0.00	47.04 1.50 0.00	40.91 1.14 0.00	41.75 1.08 0.00	35.13 0.98 0.00	32.72 1.01 0.00	30.63 0.83 0.00
BOWLINE___2 23595	29.54 0.57 -0.05	23.91 0.40 0.00	25.97 0.37 0.00	24.84 0.35 0.00	24.11 0.35 0.00	28.82 0.37 0.00	38.39 0.76 0.00	40.37 1.11 0.00	31.57 1.00 0.00	24.20 0.90 0.00	36.67 0.59 -20.42	5.34 0.70 14.24	43.35 0.71 -23.67	33.78 0.87 -9.29	33.26 1.07 -3.75	33.31 1.34 0.00	27.81 1.29 3.57	36.12 1.43 0.00	47.02 1.48 0.00	40.90 1.13 0.00	41.74 1.07 0.00	35.13 0.98 0.00	32.71 0.99 0.00	30.61 0.81 0.00
BRADY___115KV_TB2 356060	30.18 1.26 0.00	24.52 1.00 0.00	26.69 1.09 0.00	25.54 1.04 0.00	24.81 1.05 0.00	29.79 1.34 0.00	39.37 1.74 0.00	40.71 1.45 0.00	31.47 0.90 0.00	23.88 0.57 0.00	16.03 0.37 0.00	19.30 0.42 0.00	19.39 0.41 0.00	24.17 0.56 0.00	29.11 0.67 0.00	32.58 0.62 0.00	30.56 0.47 0.00	35.16 0.47 0.00	46.50 0.96 0.00	41.16 1.39 0.00	42.31 1.64 0.00	35.42 1.27 0.00	32.77 1.05 0.00	30.85 1.06 0.00
BRANSCOMB___SOLAR 323811	30.00 1.14 0.06	24.51 1.00 0.00	26.64 1.04 0.00	25.51 1.02 0.00	24.79 1.03 0.00	29.61 1.16 0.00	39.25 1.62 0.00	41.02 1.76 0.00	31.87 1.30 0.00	24.12 0.81 0.00	-16.40 0.51 32.57	21.14 0.58 -1.68	-5.77 0.55 25.30	14.29 0.61 9.93	25.06 0.63 4.01	32.74 0.77 0.00	31.25 0.72 -0.44	35.76 1.06 0.00	47.16 1.62 0.00	41.32 1.55 0.00	42.25 1.58 0.00	35.57 1.42 0.00	33.00 1.29 0.00	30.95 1.16 0.00
BRDGHMPT_69_KV_BK1 55812	30.40 1.41 -0.08	24.50 0.99 0.00	26.53 0.93 0.00	25.41 0.91 0.00	24.74 0.98 0.00	29.64 1.19 0.00	39.35 1.72 0.00	41.68 2.43 0.00	32.62 2.05 0.00	25.02 1.72 0.00	60.47 1.12 -43.69	29.97 1.36 -9.73	47.10 1.17 -26.96	38.60 1.50 -13.49	36.79 2.11 -6.24	36.06 2.86 -1.23	35.18 2.73 -2.36	37.71 3.01 0.00	48.69 3.15 0.00	42.24 2.47 0.00	43.01 2.34 0.00	36.36 2.21 0.00	33.60 1.88 0.00	31.35 1.55 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	30.37 1.37 -0.09	24.43 0.92 0.00	26.48 0.88 0.00	25.35 0.85 0.00	24.62 0.86 0.00	29.49 1.04 0.00	39.11 1.48 0.00	41.45 2.19 0.00	32.38 1.81 0.00	24.82 1.51 0.00	60.35 1.00 -43.69	29.90 1.23 -9.79	47.08 1.13 -26.97	39.06 1.43 -14.01	36.87 1.94 -6.49	35.66 2.44 -1.26	34.71 2.26 -2.36	37.11 2.42 0.00	47.96 2.42 0.00	41.61 1.85 0.00	42.45 1.77 0.00	35.93 1.78 0.00	33.32 1.60 0.00	31.20 1.41 0.00
BRISTLHL_115KV_TB1 79998	28.20 -0.71 0.00	22.91 -0.60 0.00	24.95 -0.65 0.00	23.87 -0.63 0.00	23.16 -0.60 0.00	27.78 -0.67 0.00	36.87 -0.76 0.00	38.47 -0.78 0.00	29.94 -0.63 0.00	22.78 -0.53 0.00	15.32 -0.33 0.00	18.50 -0.38 0.00	18.60 -0.37 0.00	23.16 -0.45 0.00	27.90 -0.54 0.00	31.30 -0.66 0.00	29.50 -0.59 0.00	34.07 -0.63 0.00	44.81 -0.72 0.00	39.13 -0.63 0.00	40.02 -0.65 0.00	33.58 -0.57 0.00	31.22 -0.49 0.00	29.29 -0.50 0.00
BROOKHAVEN___DRP 24191	29.94 0.96 -0.08	24.12 0.60 0.00	26.09 0.49 0.00	24.99 0.50 0.00	24.31 0.55 0.00	29.08 0.63 0.00	38.60 0.97 0.00	40.93 1.68 0.00	31.98 1.42 0.00	24.52 1.21 0.00	60.12 0.77 -43.69	29.54 0.92 -9.73	46.67 0.75 -26.96	38.06 0.98 -13.48	36.10 1.44 -6.23	35.19 1.99 -1.23	34.33 1.88 -2.36	36.69 2.00 0.00	47.40 1.87 0.00	41.13 1.37 0.00	41.96 1.28 0.00	35.53 1.38 0.00	32.90 1.18 0.00	30.76 0.97 0.00
BROOKLYN_NAVY_YARD 23515	29.75 0.78 -0.06	24.06 0.55 0.00	26.14 0.54 0.00	25.01 0.51 0.00	24.28 0.52 0.00	29.02 0.58 0.00	38.66 1.04 0.01	40.70 1.45 0.01	31.92 1.36 0.00	24.55 1.24 0.00	60.15 0.82 -43.68	29.40 0.97 -9.55	46.89 0.98 -26.94	35.40 1.22 -10.57	34.19 1.48 -4.27	33.76 1.80 0.00	34.19 1.73 -2.37	36.59 1.89 0.00	47.41 1.88 0.00	41.15 1.39 0.00	42.00 1.33 0.01	35.39 1.25 0.01	32.98 1.26 0.00	30.81 1.03 0.01
BROOKLYN___ARMY_DRP 323595	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.65 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.86 1.23 0.00	40.99 1.73 0.00	32.11 1.55 0.00	24.65 1.34 0.00	60.22 0.88 -43.68	29.47 1.05 -9.54	46.94 1.02 -26.95	35.52 1.33 -10.58	34.34 1.63 -4.27	33.93 1.96 0.00	34.37 1.91 -2.37	36.73 2.03 0.00	47.49 1.95 0.00	41.25 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
BROOME_2_LFGE 323671	28.64 -0.28 0.00	23.25 -0.26 0.00	25.32 -0.28 0.00	24.24 -0.25 0.00	23.52 -0.24 0.00	28.21 -0.24 0.00	37.54 -0.09 0.00	39.13 -0.13 0.00	30.44 -0.13 0.00	23.19 -0.12 0.00	15.64 -0.02 0.00	18.92 0.04 0.00	19.05 0.08 0.00	23.70 0.09 0.00	28.64 0.20 0.00	32.17 0.20 0.00	30.33 0.24 0.00	34.90 0.20 0.00	45.71 0.18 0.00	39.98 0.21 0.00	40.84 0.16 0.00	34.26 0.11 0.00	31.84 0.12 0.00	29.81 0.01 0.00
BROOME___LFGE 323600	28.64 -0.28 0.00	23.25 -0.26 0.00	25.32 -0.28 0.00	24.24 -0.25 0.00	23.52 -0.24 0.00	28.21 -0.24 0.00	37.54 -0.09 0.00	39.13 -0.13 0.00	30.44 -0.13 0.00	23.19 -0.12 0.00	15.64 -0.02 0.00	18.92 0.04 0.00	19.05 0.08 0.00	23.70 0.09 0.00	28.64 0.20 0.00	32.17 0.20 0.00	30.33 0.24 0.00	34.90 0.20 0.00	45.71 0.18 0.00	39.98 0.21 0.00	40.84 0.16 0.00	34.26 0.11 0.00	31.84 0.12 0.00	29.81 0.01 0.00
BROWNFLS_115KV_TB 3_5 80003	30.08 1.17 0.00	24.41 0.90 0.00	26.54 0.94 0.00	25.40 0.91 0.00	24.71 0.95 0.00	29.69 1.25 0.00	39.41 1.78 0.00	40.75 1.50 0.00	31.53 0.96 0.00	23.94 0.64 0.00	16.05 0.39 0.00	19.29 0.41 0.00	19.33 0.35 0.00	24.11 0.50 0.00	29.07 0.63 0.00	32.47 0.50 0.00	30.45 0.36 0.00	35.10 0.40 0.00	46.69 1.16 0.00	41.37 1.60 0.00	42.56 1.89 0.00	35.71 1.56 0.00	33.08 1.36 0.00	31.03 1.24 0.00
BROWNSV1_27_KV_LOAD 356125	30.10 1.13 -0.06	24.34 0.82 0.00	26.42 0.82 0.00	25.27 0.78 0.00	24.54 0.78 0.00	29.34 0.90 0.00	39.13 1.50 0.00	41.21 1.96 0.00	32.32 1.75 0.00	24.85 1.54 0.00	60.36 1.03 -43.68	29.66 1.23 -9.55	47.13 1.22 -26.94	35.72 1.54 -10.58	34.59 1.88 -4.27	34.23 2.26 0.00	34.62 2.16 -2.37	37.07 2.38 0.00	48.05 2.51 0.00	41.73 1.96 0.00	42.60 1.93 0.00	35.89 1.74 0.00	33.41 1.69 0.00	31.22 1.42 0.00
BURROWS___LYONSDAL 23803	29.81 0.90 0.00	24.19 0.68 0.00	26.31 0.71 0.00	25.18 0.68 0.00	24.46 0.70 0.00	29.39 0.94 0.00	39.09 1.46 0.00	40.53 1.27 0.00	31.37 0.80 0.00	23.79 0.49 0.00	15.95 0.29 0.00	19.20 0.32 0.00	19.28 0.30 0.00	24.03 0.42 0.00	28.98 0.54 0.00	32.48 0.52 0.00	30.60 0.51 0.00	35.44 0.74 0.00	47.04 1.51 0.00	41.53 1.77 0.00	42.60 1.93 0.00	35.68 1.53 0.00	33.04 1.33 0.00	30.92 1.12 0.00
CAITHNESS_CC_1 323624	29.94 0.95 -0.08	24.13 0.61 0.00	26.10 0.50 0.00	25.01 0.51 0.00	24.31 0.55 0.00	29.09 0.64 0.00	38.60 0.97 0.00	40.93 1.67 0.00	31.99 1.42 0.00	24.53 1.23 0.00	60.14 0.79 -43.69	29.55 0.94 -9.73	46.77 0.84 -26.95	38.11 1.03 -13.46	36.14 1.48 -6.22	35.19 1.99 -1.23	34.31 1.85 -2.36	36.66 1.96 0.00	47.35 1.82 0.00	41.10 1.33 0.00	41.92 1.25 0.00	35.52 1.36 0.00	32.90 1.18 0.00	30.77 0.97 0.00
CALPINE BETH_PAGE_GT4 24209	30.29 1.22 -0.16	24.32 0.81 0.00	26.36 0.77 0.00	25.24 0.74 0.00	24.52 0.76 0.00	29.35 0.90 0.00	38.96 1.33 0.00	41.16 1.90 0.00	32.16 1.59 0.00	24.66 1.36 0.00	60.23 0.89 -43.69	30.50 1.10 -10.52	47.16 0.98 -27.21	45.84 1.24 -20.99	39.94 1.63 -9.87	35.51 2.01 -1.54	34.31 1.85 -2.36	36.70 2.00 0.00	47.54 2.00 0.00	41.27 1.50 0.00	42.11 1.44 0.00	35.66 1.51 0.00	33.12 1.40 0.00	31.11 1.32 0.00
CALPINE_BETH_PAGE_GT_4 323586	30.28 1.21 -0.16	24.32 0.81 0.00	26.36 0.76 0.00	25.24 0.74 0.00	24.51 0.75 0.00	29.34 0.89 0.00	38.96 1.33 0.00	41.16 1.90 0.00	32.16 1.60 0.00	24.66 1.35 0.00	60.25 0.90 -43.69	30.50 1.10 -10.52	47.21 1.03 -27.21	45.86 1.26 -20.99	39.95 1.64 -9.87	35.51 2.01 -1.54	34.29 1.83 -2.36	36.69 1.99 0.00	47.54 2.00 0.00	41.27 1.50 0.00	42.11 1.44 0.00	35.66 1.51 0.00	33.12 1.40 0.00	31.11 1.32 0.00
CALPINE_BP_GT1 23823	30.28 1.21 -0.16	24.32 0.81 0.00	26.36 0.76 0.00	25.24 0.74 0.00	24.51 0.75 0.00	29.34 0.89 0.00	38.96 1.33 0.00	41.16 1.90 0.00	32.16 1.60 0.00	24.66 1.35 0.00	60.25 0.90 -43.69	30.50 1.10 -10.52	47.21 1.03 -27.21	45.86 1.26 -20.99	39.95 1.64 -9.87	35.51 2.01 -1.54	34.29 1.83 -2.36	36.69 1.99 0.00	47.54 2.00 0.00	41.27 1.50 0.00	42.11 1.44 0.00	35.66 1.51 0.00	33.12 1.40 0.00	31.11 1.32 0.00
CALSPAN___DRP 24200	28.17 -0.74 0.00	22.90 -0.61 0.00	25.02 -0.58 0.00	23.93 -0.56 0.00	23.21 -0.55 0.00	27.96 -0.49 0.00	37.03 -0.61 0.00	38.26 -1.00 0.00	29.96 -0.61 0.00	23.04 -0.27 0.00	15.69 0.04 0.00	19.03 0.15 0.00	19.27 0.30 0.00	23.87 0.26 0.00	28.89 0.45 0.00	32.18 0.22 0.00	30.11 0.02 0.00	34.37 -0.33 0.00	44.80 -0.74 0.00	39.11 -0.66 0.00	40.06 -0.61 0.00	33.62 -0.53 0.00	31.32 -0.39 0.00	29.50 -0.29 0.00

CALVERTON___SOLAR 323806	29.95 0.96 -0.08	24.13 0.62 0.00	26.11 0.51 0.00	25.01 0.51 0.00	24.32 0.56 0.00	29.11 0.67 0.00	38.64 1.01 0.00	40.97 1.71 0.00	32.02 1.45 0.00	24.54 1.24 0.00	60.14 0.80 -43.69	29.55 0.94 -9.73	46.74 0.81 -26.96	38.09 1.00 -13.48	36.15 1.48 -6.23	35.24 2.05 -1.23	34.38 1.93 -2.36	36.78 2.08 0.00	47.53 1.99 0.00	41.24 1.48 0.00	42.06 1.38 0.00	35.61 1.46 0.00	32.95 1.24 0.00	30.80 1.00 0.00
CANDIGU_WT_PWR 323617	28.14 -0.77 0.00	22.73 -0.78 0.00	24.72 -0.89 0.00	23.70 -0.79 0.00	23.00 -0.76 0.00	27.75 -0.70 0.00	37.05 -0.58 0.00	38.42 -0.84 0.00	29.81 -0.76 0.00	22.72 -0.59 0.00	15.41 -0.25 0.00	18.71 -0.16 0.00	18.95 -0.03 0.00	23.43 -0.18 0.00	28.46 0.02 0.00	31.86 -0.11 0.00	29.98 -0.11 0.00	34.33 -0.37 0.00	45.16 -0.37 0.00	39.64 -0.12 0.00	40.46 -0.21 0.00	33.80 -0.36 0.00	31.40 -0.32 0.00	29.60 -0.20 0.00
CARR STREET_E_SYR 24060	28.37 -0.54 0.00	23.06 -0.46 0.00	25.09 -0.51 0.00	24.01 -0.48 0.00	23.30 -0.46 0.00	27.95 -0.50 0.00	37.10 -0.53 0.00	38.69 -0.57 0.00	30.10 -0.47 0.00	22.92 -0.39 0.00	15.44 -0.22 0.00	18.66 -0.22 0.00	18.77 -0.20 0.00	23.38 -0.23 0.00	28.16 -0.28 0.00	31.55 -0.41 0.00	29.73 -0.36 0.00	34.32 -0.37 0.00	45.09 -0.44 0.00	39.36 -0.41 0.00	40.22 -0.45 0.00	33.75 -0.41 0.00	31.42 -0.30 0.00	29.47 -0.33 0.00
CARTHAGE___PAPER 23857	30.49 1.58 0.00	24.71 1.20 0.00	26.83 1.24 0.00	25.68 1.19 0.00	24.98 1.22 0.00	30.07 1.62 0.00	40.08 2.45 0.00	41.42 2.16 0.00	31.97 1.41 0.00	24.23 0.93 0.00	16.20 0.55 0.00	19.44 0.56 0.00	19.39 0.42 0.00	24.19 0.58 0.00	29.19 0.75 0.00	32.68 0.71 0.00	30.75 0.66 0.00	35.58 0.89 0.00	47.69 2.16 0.00	42.52 2.75 0.00	43.79 3.12 0.00	36.66 2.51 0.00	33.90 2.18 0.00	31.67 1.87 0.00
CASSADAGA_WT_PWR 323784	27.97 -0.94 0.00	22.72 -0.80 0.00	24.87 -0.72 0.00	23.89 -0.60 0.00	23.18 -0.58 0.00	27.78 -0.67 0.00	37.18 -0.46 0.00	38.81 -0.45 0.00	30.37 -0.20 0.00	23.51 0.20 0.00	16.09 0.43 0.00	19.59 0.71 0.00	19.79 0.82 0.00	24.56 0.95 0.00	29.75 1.31 0.00	33.22 1.25 0.00	31.07 0.98 0.00	35.17 0.48 0.00	45.97 0.43 0.00	40.31 0.54 0.00	41.27 0.59 0.00	34.57 0.42 0.00	32.09 0.37 0.00	29.95 0.15 0.00
CE_DUNWOOD___DRP 24194	29.72 0.74 -0.06	24.05 0.54 0.00	26.11 0.51 0.00	24.99 0.49 0.00	24.25 0.49 0.00	28.99 0.54 0.00	38.62 0.99 0.00	40.63 1.38 0.00	31.80 1.24 0.00	24.40 1.09 0.00	59.93 0.72 -43.55	29.62 0.86 -9.88	46.46 0.84 -26.65	35.14 1.06 -10.46	33.97 1.30 -4.23	33.58 1.62 0.00	34.09 1.54 -2.45	36.41 1.71 0.00	47.33 1.80 0.00	41.13 1.36 0.00	41.99 1.32 0.00	35.35 1.19 0.00	32.90 1.18 0.00	30.79 0.99 0.00
CE_MILLWOOD___DRP 24193	29.66 0.69 -0.06	24.01 0.50 0.00	26.07 0.47 0.00	24.94 0.45 0.00	24.21 0.45 0.00	28.94 0.49 0.00	38.54 0.91 0.00	40.54 1.28 0.00	31.72 1.15 0.00	24.33 1.02 0.00	59.42 0.68 -43.09	29.77 0.80 -10.09	45.93 0.78 -26.18	34.88 0.99 -10.28	33.80 1.21 -4.15	33.48 1.51 0.00	34.05 1.45 -2.51	36.31 1.61 0.00	47.21 1.68 0.00	41.05 1.28 0.00	41.91 1.24 0.00	35.27 1.12 0.00	32.84 1.12 0.00	30.73 0.93 0.00
CE_NYC2_DRP 24202	29.84 0.87 -0.06	24.13 0.62 0.00	26.19 0.60 0.00	25.07 0.58 0.00	24.34 0.58 0.00	29.11 0.66 0.00	38.78 1.15 0.00	40.92 1.67 0.00	32.08 1.51 0.00	24.65 1.34 0.00	60.22 0.89 -43.68	29.49 1.07 -9.54	46.95 1.03 -26.95	35.53 1.34 -10.58	34.35 1.63 -4.27	33.92 1.96 0.00	34.36 1.90 -2.37	36.75 2.06 0.00	47.54 2.01 0.00	41.26 1.50 0.00	42.12 1.45 0.00	35.54 1.39 0.00	33.09 1.38 0.00	30.92 1.13 0.00
CE_NYC_DRP 24195	29.88 0.90 -0.06	24.17 0.65 0.00	26.23 0.64 0.00	25.10 0.61 0.00	24.37 0.61 0.00	29.14 0.70 0.00	38.87 1.23 0.00	40.92 1.66 0.00	32.08 1.51 0.00	24.66 1.36 0.00	60.23 0.90 -43.67	29.51 1.08 -9.55	46.98 1.07 -26.94	35.53 1.34 -10.58	34.35 1.64 -4.27	33.94 1.98 0.00	34.35 1.89 -2.37	36.76 2.06 0.00	47.63 2.10 0.00	41.36 1.59 0.00	42.21 1.54 0.00	35.56 1.41 0.00	33.11 1.40 0.00	30.96 1.16 0.00
CHAFFEE___LFGE 323603	28.17 -0.74 0.00	22.89 -0.63 0.00	25.00 -0.59 0.00	23.91 -0.58 0.00	23.19 -0.57 0.00	27.95 -0.50 0.00	37.06 -0.57 0.00	38.29 -0.97 0.00	29.98 -0.59 0.00	23.05 -0.26 0.00	15.70 0.04 0.00	19.03 0.15 0.00	19.24 0.26 0.00	23.87 0.25 0.00	28.91 0.47 0.00	32.22 0.26 0.00	30.16 0.07 0.00	34.44 -0.25 0.00	44.88 -0.66 0.00	39.17 -0.59 0.00	40.15 -0.53 0.00	33.67 -0.49 0.00	31.36 -0.36 0.00	29.50 -0.29 0.00
CHATEAUG_35_KV_LOAD 355732	29.61 0.70 0.00	24.07 0.56 0.00	26.18 0.58 0.00	25.07 0.58 0.00	24.35 0.60 0.00	29.21 0.76 0.00	38.59 0.96 0.00	40.76 1.50 0.00	31.68 1.12 0.00	24.05 0.75 0.00	16.13 0.47 0.00	19.46 0.57 0.00	19.54 0.57 0.00	24.37 0.75 0.00	29.38 0.94 0.00	32.87 0.91 0.00	31.04 0.96 0.00	35.79 1.10 0.00	47.21 1.68 0.00	41.52 1.75 0.00	42.20 1.53 0.00	34.97 0.82 0.00	32.02 0.30 0.00	30.46 0.67 0.00
CHATEAUG_WT_PWR 323614	29.55 0.64 0.00	24.03 0.51 0.00	26.13 0.53 0.00	25.03 0.53 0.00	24.32 0.56 0.00	29.16 0.71 0.00	38.57 0.94 0.00	40.72 1.47 0.00	31.69 1.12 0.00	24.08 0.77 0.00	16.15 0.49 0.00	19.49 0.61 0.00	19.58 0.60 0.00	24.41 0.80 0.00	29.43 0.99 0.00	32.90 0.93 0.00	31.03 0.95 0.00	35.80 1.10 0.00	47.15 1.62 0.00	41.37 1.60 0.00	42.07 1.40 0.00	34.86 0.71 0.00	31.93 0.21 0.00	30.42 0.62 0.00
CHAT_HIGH_FALL_HYD 323578	29.61 0.70 0.00	24.07 0.56 0.00	26.18 0.58 0.00	25.07 0.58 0.00	24.35 0.60 0.00	29.21 0.76 0.00	38.59 0.96 0.00	40.76 1.50 0.00	31.68 1.12 0.00	24.05 0.75 0.00	16.13 0.47 0.00	19.46 0.57 0.00	19.54 0.57 0.00	24.37 0.75 0.00	29.38 0.94 0.00	32.87 0.91 0.00	31.04 0.96 0.00	35.79 1.10 0.00	47.21 1.68 0.00	41.52 1.75 0.00	42.20 1.53 0.00	34.97 0.82 0.00	32.02 0.30 0.00	30.46 0.67 0.00
CHAUTAUQUA___LFGE 323629	28.03 -0.88 0.00	22.78 -0.74 0.00	24.90 -0.70 0.00	23.88 -0.61 0.00	23.16 -0.60 0.00	27.83 -0.62 0.00	36.99 -0.64 0.00	38.30 -0.96 0.00	30.01 -0.56 0.00	23.10 -0.20 0.00	15.78 0.13 0.00	19.20 0.32 0.00	19.40 0.42 0.00	24.08 0.47 0.00	29.17 0.73 0.00	32.54 0.58 0.00	30.50 0.41 0.00	34.82 0.12 0.00	45.41 -0.13 0.00	39.76 -0.01 0.00	40.72 0.04 0.00	34.14 -0.02 0.00	31.75 0.03 0.00	29.73 -0.06 0.00
CHERRYST_13_KV_LD 356241	29.96 0.98 -0.06	24.22 0.71 0.00	26.30 0.70 0.00	25.17 0.68 0.00	24.44 0.68 0.00	29.22 0.78 0.00	38.98 1.35 0.00	41.06 1.81 0.00	32.21 1.64 0.00	24.77 1.46 0.00	60.31 0.98 -43.67	29.60 1.16 -9.55	47.06 1.15 -26.94	35.64 1.45 -10.58	34.49 1.78 -4.27	34.09 2.12 0.00	34.48 2.02 -2.37	36.91 2.21 0.00	47.81 2.28 0.00	41.49 1.72 0.00	42.35 1.68 0.00	35.67 1.52 0.00	33.21 1.49 0.00	31.04 1.25 0.00

CHESTROR_138KV_BK263 355645	29.42 0.46 -0.05	23.84 0.33 0.00	25.90 0.30 0.00	24.78 0.28 0.00	24.04 0.28 0.00	28.74 0.30 0.00	38.24 0.61 0.00	40.15 0.90 0.00	31.37 0.80 0.00	24.01 0.70 0.00	34.74 0.45 -18.64	8.92 0.53 10.49	39.61 0.52 -20.12	32.17 0.66 -7.90	32.44 0.81 -3.19	33.02 1.06 0.00	28.48 1.03 2.64	35.84 1.14 0.00	46.76 1.23 0.00	40.72 0.95 0.00	41.58 0.90 0.00	34.97 0.82 0.00	32.54 0.82 0.00	30.47 0.67 0.00
CH_MIDHUDSON___DRP 24192	29.64 0.68 -0.04	24.05 0.53 0.00	26.12 0.52 0.00	25.00 0.51 0.00	24.27 0.51 0.00	28.97 0.53 0.00	38.56 0.93 0.00	40.53 1.27 0.00	31.67 1.11 0.00	24.24 0.94 0.00	44.40 0.61 -28.14	21.79 0.72 -2.19	39.38 0.70 -19.71	32.23 0.88 -7.74	32.65 1.09 -3.13	33.34 1.38 0.00	31.98 1.35 -0.53	36.24 1.54 0.00	47.23 1.70 0.00	41.10 1.33 0.00	41.96 1.29 0.00	35.29 1.14 0.00	32.81 1.09 0.00	30.72 0.92 0.00
CH_MISC_IPPS 23765	29.79 0.83 -0.05	24.15 0.63 0.00	26.22 0.63 0.00	25.10 0.60 0.00	24.36 0.60 0.00	29.11 0.66 0.00	38.76 1.13 0.00	40.73 1.47 0.00	31.83 1.26 0.00	24.36 1.05 0.00	44.60 0.69 -28.26	19.75 0.82 -0.05	40.85 0.82 -21.06	32.90 1.02 -8.27	33.04 1.26 -3.34	33.54 1.58 0.00	31.64 1.55 0.00	36.49 1.79 0.00	47.57 2.04 0.00	41.39 1.62 0.00	42.24 1.57 0.00	35.52 1.36 0.00	33.00 1.28 0.00	30.87 1.08 0.00
CH_RES_BVR_FALLS 23983	29.03 0.12 0.00	23.60 0.08 0.00	25.69 0.09 0.00	24.59 0.09 0.00	23.83 0.07 0.00	28.58 0.14 0.00	37.78 0.14 0.00	39.28 0.03 0.00	30.57 0.00 0.00	23.33 0.02 0.00	15.67 0.02 0.00	18.90 0.02 0.00	18.99 0.02 0.00	23.63 0.02 0.00	28.47 0.03 0.00	32.00 0.03 0.00	30.11 0.02 0.00	34.72 0.02 0.00	45.58 0.05 0.00	39.85 0.08 0.00	40.76 0.09 0.00	34.21 0.06 0.00	31.75 0.03 0.00	29.84 0.04 0.00
CH_RES_NIAGARA 23895	27.68 -1.23 0.00	22.55 -0.96 0.00	24.67 -0.93 0.00	23.57 -0.92 0.00	22.87 -0.89 0.00	27.55 -0.90 0.00	36.32 -1.31 0.00	37.39 -1.87 0.00	29.32 -1.24 0.00	22.57 -0.73 0.00	15.37 -0.29 0.00	18.61 -0.27 0.00	18.84 -0.13 0.00	23.31 -0.30 0.00	28.19 -0.25 0.00	31.36 -0.61 0.00	29.18 -0.91 0.00	33.18 -1.52 0.00	43.15 -2.39 0.00	37.57 -2.19 0.00	38.60 -2.07 0.00	32.49 -1.66 0.00	30.39 -1.33 0.00	28.86 -0.94 0.00
CH_RES_SYRACUSE 23985	28.53 -0.38 0.00	23.18 -0.34 0.00	25.23 -0.37 0.00	24.14 -0.35 0.00	23.44 -0.32 0.00	28.12 -0.33 0.00	37.32 -0.32 0.00	38.91 -0.35 0.00	30.26 -0.30 0.00	23.03 -0.27 0.00	15.51 -0.15 0.00	18.73 -0.14 0.00	18.86 -0.11 0.00	23.48 -0.13 0.00	28.30 -0.14 0.00	31.75 -0.22 0.00	29.94 -0.15 0.00	34.59 -0.11 0.00	45.48 -0.06 0.00	39.74 -0.03 0.00	40.60 -0.07 0.00	34.05 -0.10 0.00	31.63 -0.08 0.00	29.66 -0.14 0.00
CLINTON_WT_PWR 323605	29.55 0.64 0.00	24.03 0.51 0.00	26.13 0.53 0.00	25.03 0.53 0.00	24.32 0.56 0.00	29.16 0.71 0.00	38.57 0.94 0.00	40.72 1.47 0.00	31.69 1.12 0.00	24.08 0.77 0.00	16.15 0.49 0.00	19.49 0.61 0.00	19.58 0.60 0.00	24.41 0.80 0.00	29.43 0.99 0.00	32.90 0.93 0.00	31.03 0.95 0.00	35.80 1.10 0.00	47.15 1.62 0.00	41.37 1.60 0.00	42.07 1.40 0.00	34.86 0.71 0.00	31.93 0.21 0.00	30.42 0.62 0.00
CLINTON___LFGE 323618	29.89 0.98 0.00	24.31 0.80 0.00	26.42 0.82 0.00	25.31 0.82 0.00	24.61 0.85 0.00	29.52 1.07 0.00	39.30 1.67 0.00	41.55 2.29 0.00	32.32 1.75 0.00	24.48 1.17 0.00	16.38 0.73 0.00	19.78 0.90 0.00	19.89 0.91 0.00	24.81 1.20 0.00	29.93 1.49 0.00	33.44 1.48 0.00	31.66 1.57 0.00	36.49 1.79 0.00	48.11 2.57 0.00	42.30 2.53 0.00	42.99 2.31 0.00	35.46 1.31 0.00	32.34 0.62 0.00	30.87 1.08 0.00
COBBLENY_34_KV_TB1 80064	28.17 -0.74 0.00	22.89 -0.63 0.00	25.01 -0.59 0.00	23.91 -0.58 0.00	23.19 -0.57 0.00	27.94 -0.50 0.00	37.05 -0.59 0.00	38.29 -0.97 0.00	29.98 -0.59 0.00	23.05 -0.25 0.00	15.70 0.05 0.00	19.03 0.15 0.00	19.27 0.30 0.00	23.89 0.28 0.00	28.92 0.48 0.00	32.23 0.26 0.00	30.16 0.07 0.00	34.44 -0.25 0.00	44.88 -0.65 0.00	39.18 -0.59 0.00	40.15 -0.53 0.00	33.67 -0.48 0.00	31.36 -0.36 0.00	29.50 -0.29 0.00
COFFEEN___115KV_TB3 355620	30.50 1.59 0.00	24.69 1.17 0.00	26.80 1.20 0.00	25.64 1.15 0.00	24.94 1.18 0.00	30.04 1.59 0.00	40.11 2.48 0.00	41.47 2.22 0.00	32.03 1.47 0.00	24.27 0.96 0.00	16.22 0.56 0.00	19.44 0.56 0.00	19.31 0.34 0.00	24.05 0.44 0.00	29.09 0.65 0.00	32.45 0.48 0.00	30.50 0.41 0.00	35.33 0.63 0.00	47.57 2.03 0.00	42.62 2.85 0.00	44.05 3.37 0.00	36.90 2.74 0.00	34.08 2.36 0.00	31.77 1.98 0.00
COLDSPRG_115KV_BK1 355956	28.34 -0.57 0.00	23.01 -0.50 0.00	25.14 -0.45 0.00	24.11 -0.39 0.00	23.43 -0.33 0.00	28.16 -0.29 0.00	37.80 0.17 0.00	39.58 0.33 0.00	30.82 0.25 0.00	23.75 0.44 0.00	16.20 0.54 0.00	19.71 0.83 0.00	19.95 0.98 0.00	24.72 1.11 0.00	29.92 1.48 0.00	33.42 1.46 0.00	31.27 1.18 0.00	35.35 0.65 0.00	46.15 0.61 0.00	40.48 0.71 0.00	41.45 0.78 0.00	34.70 0.54 0.00	32.25 0.53 0.00	30.11 0.31 0.00
COLONIE_LFGE___ 323577	29.42 0.58 0.06	24.09 0.57 0.00	26.17 0.57 0.00	25.09 0.59 0.00	24.35 0.59 0.00	29.03 0.58 0.00	38.48 0.84 0.00	40.23 0.97 0.00	31.37 0.80 0.00	23.84 0.54 0.00	-22.67 0.31 38.64	21.04 0.36 -1.80	-10.57 0.36 29.90	12.28 0.41 11.74	24.12 0.43 4.74	32.53 0.57 0.00	31.03 0.47 -0.47	35.31 0.61 0.00	46.40 0.87 0.00	40.56 0.80 0.00	41.49 0.81 0.00	34.96 0.81 0.00	32.46 0.74 0.00	30.48 0.69 0.00
COOPERNY_115KV_TB1 80082	29.21 0.27 -0.03	23.70 0.19 0.00	25.77 0.17 0.00	24.65 0.15 0.00	23.91 0.15 0.00	28.61 0.16 0.00	38.01 0.38 0.00	39.83 0.57 0.00	31.09 0.53 0.00	23.77 0.46 0.00	29.21 0.30 -13.25	13.39 0.35 5.84	32.66 -0.34 -13.35	29.28 0.42 -5.24	31.07 0.52 -2.12	32.65 0.68 0.00	29.30 0.68 1.47	35.44 0.74 0.00	46.31 0.77 0.00	40.36 0.60 0.00	41.23 0.56 0.00	34.68 0.52 0.00	32.26 0.54 0.00	30.23 0.43 0.00
COPENHAGEN_WT_PWR 323753	30.14 1.23 0.00	24.39 0.87 0.00	26.47 0.88 0.00	25.33 0.84 0.00	24.65 0.89 0.00	29.64 1.20 0.00	39.56 1.93 0.00	40.86 1.60 0.00	31.58 1.01 0.00	23.99 0.68 0.00	16.07 0.41 0.00	19.29 0.41 0.00	19.21 0.24 0.00	23.95 0.34 0.00	28.94 0.50 0.00	32.35 0.38 0.00	30.39 0.30 0.00	35.13 0.44 0.00	47.11 1.58 0.00	42.06 2.29 0.00	43.36 2.69 0.00	36.34 2.19 0.00	33.61 1.89 0.00	31.37 1.57 0.00
CORNELL_____ 23752	29.00 0.09 0.00	23.54 0.02 0.00	25.62 0.03 0.00	24.53 0.04 0.00	23.81 0.05 0.00	28.59 0.14 0.00	38.02 0.39 0.00	39.66 0.40 0.00	30.72 0.15 0.00	23.25 -0.05 0.00	15.62 -0.03 0.00	18.86 -0.02 0.00	19.01 0.03 0.00	23.68 0.07 0.00	28.64 0.20 0.00	32.13 0.16 0.00	30.35 0.26 0.00	35.07 0.37 0.00	46.29 0.75 0.00	40.70 0.93 0.00	41.62 0.94 0.00	34.84 0.69 0.00	32.33 0.62 0.00	30.24 0.44 0.00

CORONA__69_KV_TB1 355595	30.74 1.37 -0.46	24.46 0.94 0.00	26.51 0.91 0.00	25.38 0.88 0.00	24.64 0.88 0.00	29.49 1.04 0.00	39.15 1.52 0.00	41.30 2.05 0.00	32.28 1.72 0.00	24.79 1.48 0.00	60.36 1.00 -43.70	33.93 1.26 -13.79	48.50 1.22 -28.30	81.76 1.51 -56.64	57.14 1.95 -26.76	36.46 2.29 -2.21	34.56 2.11 -2.37	36.99 2.29 0.00	48.03 2.49 0.00	41.70 1.93 0.00	42.58 1.90 0.00	35.98 1.82 0.00	33.43 1.71 0.00	31.29 1.50 0.00
CORTLAND__115KV_TB3 80093	28.82 -0.10 0.00	23.40 -0.12 0.00	25.47 -0.13 0.00	24.38 -0.12 0.00	23.66 -0.10 0.00	28.39 -0.05 0.00	37.76 0.13 0.00	39.39 0.13 0.00	30.56 -0.01 0.00	23.20 -0.10 0.00	15.61 -0.04 0.00	18.86 -0.02 0.00	18.99 0.02 0.00	23.64 0.03 0.00	28.54 0.10 0.00	32.07 0.11 0.00	30.25 0.16 0.00	34.94 0.25 0.00	45.96 0.42 0.00	40.25 0.49 0.00	41.15 0.48 0.00	34.50 0.35 0.00	32.03 0.31 0.00	29.98 0.19 0.00
COXSACKIE__GT 23611	30.18 1.29 0.02	24.63 1.12 0.00	26.78 1.18 0.00	25.63 1.13 0.00	24.89 1.13 0.00	29.74 1.29 0.00	39.62 1.99 0.00	41.64 2.39 0.00	32.23 1.66 0.00	24.14 0.83 0.00	16.03 0.37 0.00	19.33 0.45 0.00	19.44 0.47 0.00	24.18 0.57 0.00	29.09 0.65 0.00	32.76 0.79 0.00	30.90 0.81 0.00	35.95 1.25 0.00	47.79 2.25 0.00	42.07 2.30 0.00	43.09 2.42 0.00	36.07 1.92 0.00	33.29 1.57 0.00	31.14 1.35 0.00
CPV_VALLEY__CC1 323721	29.22 0.27 -0.04	23.71 0.19 0.00	25.75 0.16 0.00	24.64 0.15 0.00	23.90 0.14 0.00	28.57 0.12 0.00	37.99 0.36 0.00	39.88 0.62 0.00	31.17 0.60 0.00	23.85 0.54 -16.18	32.19 0.35 8.22	11.08 0.42 -16.94	36.33 0.42 -6.65	30.77 0.51 -2.69	31.76 0.63 0.00	32.79 0.83 0.00	28.83 0.81 2.07	35.56 0.87 0.00	46.40 0.86 0.00	40.41 0.64 0.00	41.26 0.58 0.00	34.70 0.55 0.00	32.29 0.58 0.00	30.25 0.45 0.00
CPV_VALLEY__CC2 323722	29.22 0.27 -0.04	23.71 0.19 0.00	25.75 0.16 0.00	24.64 0.15 0.00	23.90 0.14 0.00	28.57 0.12 0.00	37.99 0.36 0.00	39.88 0.62 0.00	31.17 0.60 0.00	23.85 0.54 -16.18	32.19 0.35 8.22	11.08 0.42 -16.94	36.33 0.42 -6.65	30.77 0.51 -2.69	31.76 0.63 0.00	32.79 0.83 0.00	28.83 0.81 2.07	35.56 0.87 0.00	46.40 0.86 0.00	40.41 0.64 0.00	41.26 0.58 0.00	34.70 0.55 0.00	32.29 0.58 0.00	30.25 0.45 0.00
CRESCENT__HYD 24018	29.42 0.58 0.06	24.09 0.57 0.00	26.17 0.57 0.00	25.09 0.59 0.00	24.35 0.59 0.00	29.03 0.58 0.00	38.48 0.84 0.00	40.23 0.97 0.00	31.37 0.80 0.00	23.84 0.54 38.64	-22.67 0.31 -1.80	21.04 0.36 29.90	-10.57 0.36 11.74	12.28 0.41 4.74	24.12 0.43 0.00	32.53 0.57 0.00	31.03 0.47 -0.47	35.31 0.61 0.00	46.40 0.87 0.00	40.56 0.80 0.00	41.49 0.81 0.00	34.96 0.81 0.00	32.46 0.74 0.00	30.48 0.69 0.00
CRICKET__VALLEY_CC1 323756	28.48 0.26 0.70	23.76 0.25 0.00	25.80 0.20 0.00	24.74 0.24 0.00	24.03 0.27 0.00	28.61 0.16 0.00	38.02 0.39 0.00	39.97 0.72 0.00	31.23 0.66 0.00	23.91 0.61 417.06	-401.02 0.38 -4.71	24.03 0.45 314.01	-294.60 0.43 123.29	-99.14 0.53 49.79	-20.70 0.65 0.00	32.85 0.89 -1.36	32.31 0.86 0.00	35.67 0.97 0.00	46.52 0.99 0.00	40.51 0.74 0.00	41.39 0.72 0.00	34.82 0.67 0.00	32.36 0.65 0.00	30.32 0.52 0.00
CRICKET__VALLEY_CC2 323757	28.48 0.26 0.70	23.76 0.25 0.00	25.80 0.20 0.00	24.74 0.24 0.00	24.03 0.27 0.00	28.61 0.16 0.00	38.02 0.39 0.00	39.97 0.72 0.00	31.23 0.66 0.00	23.91 0.61 417.06	-401.02 0.38 -4.71	24.03 0.45 314.01	-294.60 0.43 123.29	-99.14 0.53 49.79	-20.70 0.65 0.00	32.85 0.89 -1.36	32.31 0.86 0.00	35.67 0.97 0.00	46.52 0.99 0.00	40.51 0.74 0.00	41.39 0.72 0.00	34.82 0.67 0.00	32.36 0.65 0.00	30.32 0.52 0.00
CRICKET__VALLEY_CC3 323758	28.48 0.26 0.70	23.76 0.25 0.00	25.80 0.20 0.00	24.74 0.24 0.00	24.03 0.27 0.00	28.61 0.16 0.00	38.02 0.39 0.00	39.97 0.72 0.00	31.23 0.66 0.00	23.91 0.61 417.06	-401.02 0.38 -4.71	24.03 0.45 314.01	-294.60 0.43 123.29	-99.14 0.53 49.79	-20.70 0.65 0.00	32.85 0.89 -1.36	32.31 0.86 0.00	35.67 0.97 0.00	46.52 0.99 0.00	40.51 0.74 0.00	41.39 0.72 0.00	34.82 0.67 0.00	32.36 0.65 0.00	30.32 0.52 0.00
CRUCIBLE__METL_DRP 24180	28.53 -0.38 0.00	23.18 -0.34 0.00	25.23 -0.37 0.00	24.14 -0.35 0.00	23.44 -0.32 0.00	28.12 -0.33 0.00	37.31 -0.32 0.00	38.91 -0.35 0.00	30.26 -0.30 0.00	23.03 -0.27 0.00	15.51 -0.15 0.00	18.73 -0.15 0.00	18.87 -0.11 0.00	23.48 -0.13 0.00	28.30 -0.14 0.00	31.75 -0.22 0.00	29.94 -0.15 0.00	34.59 -0.11 0.00	45.48 -0.06 0.00	39.74 -0.03 0.00	40.60 -0.07 0.00	34.05 -0.10 0.00	31.63 -0.08 0.00	29.65 -0.14 0.00
DAHOWA__HYDRO 323763	30.20 1.34 0.05	24.67 1.16 0.00	26.81 1.21 0.00	25.68 1.19 0.00	24.95 1.19 0.00	29.81 1.37 0.00	39.53 1.90 0.00	41.32 2.06 0.00	32.09 1.53 0.00	24.28 0.97 0.00	-14.94 0.61 31.21	21.24 0.70 -1.66	-4.63 0.67 24.27	14.82 0.74 9.53	25.35 0.76 3.85	32.88 0.92 0.00	31.39 0.87 -0.43	35.93 1.23 0.00	47.41 1.87 0.00	41.56 1.79 0.00	42.51 1.84 0.00	35.78 1.63 0.00	33.21 1.49 0.00	31.12 1.32 0.00
DANC__LFGE 323619	29.42 0.51 0.00	23.84 0.33 0.00	25.91 0.31 0.00	24.79 0.29 0.00	24.09 0.33 0.00	28.96 0.51 0.00	38.57 0.94 0.00	39.97 0.72 0.00	30.96 0.40 0.00	23.53 0.23 0.00	15.78 0.12 0.00	18.99 0.10 0.00	18.97 0.00 0.00	23.64 0.03 0.00	28.54 0.10 0.00	31.92 -0.04 0.00	29.99 -0.10 0.00	34.65 -0.05 0.00	46.16 0.62 0.00	40.90 1.14 0.00	42.06 1.39 0.00	35.28 1.13 0.00	32.71 1.00 0.00	30.59 0.80 0.00
DANSKAMMER__1 23586	29.79 0.83 -0.05	24.15 0.63 0.00	26.22 0.63 0.00	25.10 0.60 0.00	24.36 0.60 0.00	29.11 0.66 0.00	38.76 1.13 0.00	40.73 1.47 0.00	31.83 1.26 0.00	24.36 1.05 -28.26	44.60 0.69 -0.05	19.75 0.82 -21.06	40.85 0.82 -8.27	32.90 1.02 -3.34	33.04 1.26 0.00	33.54 1.58 0.00	31.64 1.55 0.00	36.49 1.79 0.00	47.57 2.04 0.00	41.39 1.62 0.00	42.24 1.57 0.00	35.52 1.36 0.00	33.00 1.28 0.00	30.87 1.08 0.00
DANSKAMMER__2 23589	29.79 0.83 -0.05	24.15 0.63 0.00	26.22 0.63 0.00	25.10 0.60 0.00	24.36 0.60 0.00	29.11 0.66 0.00	38.76 1.13 0.00	40.73 1.47 0.00	31.83 1.26 0.00	24.36 1.05 -28.26	44.60 0.69 -0.05	19.75 0.82 -21.06	40.85 0.82 -8.27	32.90 1.02 -3.34	33.04 1.26 0.00	33.54 1.58 0.00	31.64 1.55 0.00	36.49 1.79 0.00	47.57 2.04 0.00	41.39 1.62 0.00	42.24 1.57 0.00	35.52 1.36 0.00	33.00 1.28 0.00	30.87 1.08 0.00
DANSKAMMER__3 23590	29.79 0.83 -0.05	24.15 0.63 0.00	26.22 0.63 0.00	25.10 0.60 0.00	24.36 0.60 0.00	29.11 0.66 0.00	38.76 1.13 0.00	40.73 1.47 0.00	31.83 1.26 0.00	24.36 1.05 -28.26	44.60 0.69 -0.05	19.75 0.82 -21.06	40.85 0.82 -8.27	32.90 1.02 -3.34	33.04 1.26 0.00	33.54 1.58 0.00	31.64 1.55 0.00	36.49 1.79 0.00	47.57 2.04 0.00	41.39 1.62 0.00	42.24 1.57 0.00	35.52 1.36 0.00	33.00 1.28 0.00	30.87 1.08 0.00

DANSKAMMER___4 23591	29.79 0.83 -0.05	24.15 0.63 0.00	26.22 0.63 0.00	25.10 0.60 0.00	24.36 0.60 0.00	29.11 0.66 0.00	38.76 1.13 0.00	40.73 1.47 0.00	31.83 1.26 0.00	24.36 1.05 0.00	44.60 0.69 -28.26	19.75 0.82 -0.05	40.85 0.82 -21.06	32.90 1.02 -8.27	33.04 1.26 -3.34	33.54 1.58 0.00	31.64 1.55 0.00	36.49 1.79 0.00	47.57 2.04 0.00	41.39 1.62 0.00	42.24 1.57 0.00	35.52 1.36 0.00	33.00 1.28 0.00	30.87 1.08 0.00
DANSKAMMER___DIESEL 23592	29.79 0.83 -0.05	24.15 0.63 0.00	26.22 0.63 0.00	25.10 0.60 0.00	24.36 0.60 0.00	29.11 0.66 0.00	38.76 1.13 0.00	40.73 1.47 0.00	31.83 1.26 0.00	24.35 1.05 0.00	44.60 0.68 -28.26	19.74 0.81 -0.05	40.84 0.80 -21.06	32.89 1.01 -8.27	33.04 1.26 -3.34	33.54 1.58 0.00	31.64 1.56 0.00	36.48 1.79 0.00	47.57 2.04 0.00	41.39 1.62 0.00	42.24 1.57 0.00	35.51 1.36 0.00	33.00 1.28 0.00	30.87 1.08 0.00
DARBY___SOLAR 323810	30.04 1.18 0.06	24.54 1.02 0.00	26.66 1.07 0.00	25.54 1.05 0.00	24.81 1.05 0.00	29.64 1.19 0.00	39.29 1.66 0.00	41.07 1.81 0.00	31.90 1.34 0.00	24.14 0.84 0.00	-16.32 0.52 32.50	21.15 0.59 -1.68	-5.71 0.57 25.25	14.33 0.63 9.91	25.07 0.63 4.00	32.74 0.78 0.00	31.27 0.74 -0.43	35.77 1.07 0.00	47.15 1.61 0.00	41.32 1.55 0.00	42.25 1.58 0.00	35.58 1.43 0.00	33.01 1.29 0.00	30.95 1.16 0.00
DASHVILLE___HYD 23610	29.43 0.49 -0.03	23.85 0.34 0.00	25.92 0.32 0.00	24.80 0.30 0.00	24.06 0.30 0.00	28.75 0.30 0.00	38.29 0.66 0.00	40.28 1.02 0.00	31.45 0.88 0.00	24.03 0.73 0.00	32.78 0.46 -16.66	18.17 0.53 1.24	32.67 0.54 -13.17	29.42 0.64 -5.17	31.29 0.76 -2.09	32.96 0.99 0.00	30.76 0.99 0.32	35.86 1.16 0.00	46.84 1.31 0.00	40.80 1.03 0.00	41.66 0.99 0.00	35.04 0.89 0.00	32.57 0.86 0.00	30.53 0.73 0.00
DELAWARE___LFGE 323621	29.25 0.34 0.00	23.76 0.24 0.00	25.90 0.30 0.00	24.75 0.26 0.00	24.00 0.24 0.00	28.76 0.31 0.00	38.17 0.55 0.00	39.91 0.66 0.00	31.09 0.52 0.00	23.70 0.40 0.00	15.21 0.28 0.73	18.31 0.35 0.91	19.33 0.36 0.00	24.06 0.45 0.00	28.99 0.55 0.00	32.64 0.67 0.00	30.52 0.66 0.23	35.45 0.75 0.00	46.45 0.92 0.00	40.56 0.80 0.00	41.43 0.76 0.00	34.79 0.63 0.00	32.33 0.62 0.00	30.30 0.51 0.00
DERFIELD_115KV_TB7 355931	28.90 -0.01 0.00	23.51 0.00 0.00	25.60 0.00 0.00	24.49 0.00 0.00	23.76 0.00 0.00	28.42 -0.02 0.00	37.65 0.02 0.00	39.30 0.04 0.00	30.60 0.03 0.00	23.31 0.00 0.00	15.65 -0.01 0.00	18.86 -0.02 0.00	18.96 -0.01 0.00	23.59 -0.02 0.00	28.41 -0.03 0.00	31.96 0.00 0.00	30.09 0.00 0.00	34.73 0.03 0.00	45.58 0.04 0.00	39.81 0.04 0.00	40.71 0.04 0.00	34.21 0.06 0.00	31.78 0.06 0.00	29.82 0.03 0.00
DOGLEVILLE___HYD 23807	29.37 0.46 0.00	23.97 0.46 0.00	26.03 0.43 0.00	24.95 0.46 0.00	24.27 0.51 0.00	28.98 0.53 0.00	38.52 0.89 0.00	40.23 0.98 0.00	30.95 0.38 0.00	23.18 -0.13 0.00	15.51 -0.14 0.00	18.60 -0.28 0.00	18.72 -0.25 0.00	23.13 -0.48 0.00	27.90 -0.54 0.00	31.41 -0.55 0.00	29.83 -0.26 0.00	34.77 0.07 0.00	46.16 0.62 0.00	40.74 0.98 0.00	41.65 0.97 0.00	35.05 0.90 0.00	32.47 0.76 0.00	30.37 0.58 0.00
DUNKIRK__115KV_TB_200 55889	28.04 -0.87 0.00	22.79 -0.73 0.00	24.90 -0.70 0.00	23.88 -0.61 0.00	23.15 -0.61 0.00	27.83 -0.62 0.00	36.96 -0.67 0.00	38.25 -1.00 0.00	29.97 -0.59 0.00	23.06 -0.24 0.00	15.76 0.10 0.00	19.15 0.27 0.00	19.38 0.40 0.00	24.04 0.43 0.00	29.10 0.66 0.00	32.47 0.50 0.00	30.43 0.34 0.00	34.75 0.06 0.00	45.33 -0.20 0.00	39.68 -0.08 0.00	40.63 -0.05 0.00	34.07 -0.09 0.00	31.70 -0.02 0.00	29.70 -0.10 0.00
DUNKIRK___1 23563	28.04 -0.87 0.00	22.79 -0.73 0.00	24.90 -0.70 0.00	23.88 -0.61 0.00	23.15 -0.61 0.00	27.83 -0.62 0.00	36.96 -0.67 0.00	38.25 -1.00 0.00	29.97 -0.59 0.00	23.06 -0.24 0.00	15.76 0.10 0.00	19.15 0.27 0.00	19.38 0.40 0.00	24.04 0.43 0.00	29.10 0.66 0.00	32.47 0.50 0.00	30.43 0.34 0.00	34.75 0.06 0.00	45.33 -0.20 0.00	39.68 -0.08 0.00	40.63 -0.05 0.00	34.07 -0.09 0.00	31.70 -0.02 0.00	29.70 -0.10 0.00
DUNKIRK___2 23564	28.04 -0.87 0.00	22.79 -0.73 0.00	24.90 -0.70 0.00	23.88 -0.61 0.00	23.15 -0.61 0.00	27.83 -0.62 0.00	36.96 -0.67 0.00	38.25 -1.00 0.00	29.97 -0.59 0.00	23.06 -0.24 0.00	15.76 0.10 0.00	19.15 0.27 0.00	19.38 0.40 0.00	24.04 0.43 0.00	29.10 0.66 0.00	32.47 0.50 0.00	30.43 0.34 0.00	34.75 0.06 0.00	45.33 -0.20 0.00	39.68 -0.08 0.00	40.63 -0.05 0.00	34.07 -0.09 0.00	31.70 -0.02 0.00	29.70 -0.10 0.00
DUNKIRK___3 23565	28.03 -0.89 0.00	22.77 -0.74 0.00	24.88 -0.72 0.00	23.84 -0.65 0.00	23.13 -0.63 0.00	27.80 -0.64 0.00	36.92 -0.71 0.00	38.21 -1.05 0.00	29.91 -0.65 0.00	23.01 -0.30 0.00	15.70 0.05 0.00	19.06 0.18 0.00	19.30 0.32 0.00	23.93 0.32 0.00	28.97 0.53 0.00	32.31 0.34 0.00	30.27 0.18 0.00	34.57 -0.13 0.00	45.06 -0.48 0.00	39.42 -0.35 0.00	40.36 -0.31 0.00	33.85 -0.30 0.00	31.52 -0.20 0.00	29.57 -0.22 0.00
DUNKIRK___4 23566	28.03 -0.89 0.00	22.77 -0.74 0.00	24.88 -0.72 0.00	23.84 -0.65 0.00	23.13 -0.63 0.00	27.80 -0.64 0.00	36.92 -0.71 0.00	38.21 -1.05 0.00	29.91 -0.65 0.00	23.01 -0.30 0.00	15.70 0.05 0.00	19.06 0.18 0.00	19.30 0.32 0.00	23.93 0.32 0.00	28.97 0.53 0.00	32.31 0.34 0.00	30.27 0.18 0.00	34.57 -0.13 0.00	45.06 -0.48 0.00	39.42 -0.35 0.00	40.36 -0.31 0.00	33.85 -0.30 0.00	31.52 -0.20 0.00	29.57 -0.22 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.76 0.79 -0.06	24.09 0.58 0.00	26.15 0.55 0.00	25.03 0.53 0.00	24.29 0.53 0.00	29.03 0.58 0.00	38.70 1.07 0.00	40.72 1.46 0.00	31.88 1.31 0.00	24.47 1.16 0.00	60.10 0.77 -43.68	29.35 0.92 -9.55	46.82 0.90 -26.94	35.32 1.14 -10.58	34.11 1.40 -4.27	33.69 1.72 0.00	34.10 1.64 -2.37	36.51 1.81 0.00	47.44 1.91 0.00	41.20 1.44 0.00	42.06 1.39 0.00	35.43 1.28 0.00	32.98 1.26 0.00	30.85 1.06 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.59 0.63 -0.04	23.97 0.46 0.00	26.04 0.44 0.00	24.91 0.42 0.00	24.18 0.42 0.00	28.90 0.46 0.00	38.47 0.84 0.00	40.42 1.17 0.00	31.58 1.01 0.00	24.16 0.86 0.00	39.25 0.55 -23.05	15.70 0.65 3.82	39.07 0.64 -19.46	32.05 0.80 -7.64	32.51 0.99 -3.09	33.24 1.28 0.00	30.38 1.26 0.97	36.13 1.43 0.00	47.13 1.60 0.00	41.03 1.26 0.00	41.88 1.21 0.00	35.21 1.06 0.00	32.76 1.04 0.00	30.66 0.86 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	29.86 0.89 -0.06	24.16 0.65 0.00	26.24 0.65 0.00	25.13 0.63 0.00	24.38 0.62 0.00	29.15 0.70 0.00	38.73 1.10 0.00	40.90 1.64 0.00	32.04 1.47 0.00	24.59 1.28 0.00	60.18 0.84 -43.68	29.44 1.01 -9.54	46.88 0.96 -26.95	35.46 1.27 -10.58	34.26 1.55 -4.27	33.81 1.85 0.00	34.25 1.79 -2.37	36.64 1.94 0.00	47.42 1.88 0.00	41.19 1.42 0.00	42.05 1.38 0.00	35.48 1.33 0.00	33.04 1.32 0.00	30.86 1.06 0.00

E179THST_13_KV_LOAD 356214	29.99 1.02 -0.06	24.26 0.75 0.00	26.36 0.76 0.00	25.23 0.73 0.00	24.48 0.72 0.00	29.27 0.82 0.00	38.91 1.28 0.00	41.09 1.83 0.00	32.19 1.63 0.00	24.71 1.40 0.00	60.26 0.92 -43.68	29.54 1.12 -9.54	46.99 1.07 -26.95	35.59 1.40 -10.58	34.42 1.71 -4.27	33.99 2.03 0.00	34.42 1.96 -2.37	36.83 2.14 0.00	47.67 2.14 0.00	41.41 1.64 0.00	42.27 1.60 0.00	35.66 1.50 0.00	33.21 1.50 0.00	31.00 1.21 0.00
EAST HAMPTON___GT 23717	30.61 1.62 -0.08	24.73 1.22 0.00	26.80 1.20 0.00	25.66 1.17 0.00	25.00 1.24 0.00	29.99 1.54 0.00	39.79 2.16 0.00	42.11 2.85 0.00	32.98 2.41 0.00	25.29 1.99 0.00	60.67 1.33 -43.69	30.20 1.58 -9.73	47.40 1.47 -26.96	38.89 1.79 -13.49	37.17 2.50 -6.24	36.53 3.33 -1.23	35.60 3.15 -2.36	38.21 3.51 0.00	49.32 3.78 0.00	42.80 3.03 0.00	43.57 2.90 0.00	36.85 2.70 0.00	34.02 2.30 0.00	31.71 1.91 0.00
EAST RIVER___6 23660	29.92 0.94 -0.06	24.19 0.68 0.00	26.26 0.66 0.00	25.13 0.64 0.00	24.39 0.62 0.00	29.17 0.72 0.00	38.89 1.26 0.00	40.99 1.73 0.00	32.16 1.60 0.00	24.74 1.43 0.00	60.29 0.96 -43.67	29.58 1.14 -9.55	47.06 1.15 -26.94	35.62 1.43 -10.58	34.44 1.73 -4.27	33.98 2.02 0.00	34.38 1.92 -2.37	36.78 2.09 0.00	47.62 2.08 0.00	41.35 1.58 0.00	42.21 1.54 0.00	35.56 1.41 0.00	33.11 1.39 0.00	30.94 1.14 0.00
EAST RIVER___7 23524	29.92 0.94 -0.06	24.19 0.68 0.00	26.26 0.66 0.00	25.13 0.64 0.00	24.39 0.62 0.00	29.17 0.72 0.00	38.89 1.26 0.00	40.99 1.73 0.00	32.16 1.60 0.00	24.74 1.43 0.00	60.29 0.96 -43.67	29.58 1.14 -9.55	47.06 1.15 -26.94	35.62 1.43 -10.58	34.44 1.73 -4.27	33.98 2.02 0.00	34.38 1.92 -2.37	36.78 2.09 0.00	47.62 2.08 0.00	41.35 1.58 0.00	42.21 1.54 0.00	35.56 1.41 0.00	33.11 1.39 0.00	30.94 1.14 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.72 0.74 -0.06	24.05 0.54 0.00	26.11 0.51 0.00	24.99 0.49 0.00	24.25 0.49 0.00	28.99 0.54 0.00	38.62 0.99 0.00	40.63 1.38 0.00	31.80 1.24 0.00	24.40 1.09 0.00	59.93 0.72 -43.55	29.62 0.86 -9.88	46.46 0.84 -26.65	35.14 1.06 -10.46	33.97 1.30 -4.23	33.58 1.62 0.00	34.09 1.54 -2.45	36.41 1.71 0.00	47.33 1.80 0.00	41.13 1.36 0.00	41.99 1.32 0.00	35.35 1.19 0.00	32.90 1.18 0.00	30.79 0.99 0.00
EAST_HAMPTON___DIESEL 23722	30.61 1.62 -0.08	24.73 1.22 0.00	26.79 1.20 0.00	25.66 1.16 0.00	25.00 1.24 0.00	30.00 1.55 0.00	39.79 2.16 0.00	42.11 2.85 0.00	32.98 2.41 0.00	25.29 1.99 0.00	60.68 1.33 -43.69	30.20 1.58 -9.73	47.40 1.47 -26.96	38.88 1.78 -13.49	37.17 2.49 -6.24	36.53 3.33 -1.23	35.60 3.15 -2.36	38.21 3.51 0.00	49.31 3.77 0.00	42.80 3.03 0.00	43.58 2.90 0.00	36.87 2.71 0.00	34.02 2.30 0.00	31.72 1.92 0.00
EAST_POINT___SOLAR 323840	30.12 1.24 0.03	24.43 0.92 0.00	26.61 1.01 0.00	25.43 0.94 0.00	24.68 0.92 0.00	29.69 1.24 0.00	39.52 1.89 0.00	40.79 1.54 0.00	30.78 0.21 0.00	22.92 -0.39 0.00	-2.88 -0.18 18.35	19.74 -0.32 -1.18	4.30 -0.28 14.39	17.60 -0.36 5.65	25.76 -0.39 2.28	31.57 -0.39 0.00	30.13 -0.27 -0.30	34.78 0.08 0.00	47.23 1.70 0.00	42.31 2.54 0.00	43.31 2.64 0.00	36.24 2.09 0.00	33.51 1.80 0.00	31.36 1.57 0.00
EAST_PULASKI___ESR 323781	28.73 -0.18 0.00	23.32 -0.19 0.00	25.36 -0.24 0.00	24.26 -0.23 0.00	23.55 -0.21 0.00	28.29 -0.16 0.00	37.60 -0.03 0.00	39.13 -0.12 0.00	30.39 -0.18 0.00	23.10 -0.21 0.00	15.52 -0.14 0.00	18.71 -0.17 0.00	18.77 -0.20 0.00	23.37 -0.24 0.00	28.18 -0.25 0.00	31.53 -0.43 0.00	29.62 -0.47 0.00	34.19 -0.51 0.00	45.24 -0.29 0.00	39.77 0.00 0.00	40.76 0.09 0.00	34.24 0.08 0.00	31.83 0.12 0.00	29.85 0.05 0.00
EAST_RIVER___1 323558	29.88 0.90 -0.06	24.17 0.65 0.00	26.23 0.64 0.00	25.10 0.61 0.00	24.37 0.61 0.00	29.14 0.70 0.00	38.86 1.23 0.00	40.92 1.66 0.00	32.08 1.51 0.00	24.66 1.36 0.00	60.24 0.91 -43.67	29.51 1.08 -9.55	47.00 1.09 -26.94	35.54 1.35 -10.58	34.36 1.65 -4.27	33.94 1.98 0.00	34.35 1.89 -2.37	36.76 2.06 0.00	47.63 2.10 0.00	41.36 1.59 0.00	42.21 1.54 0.00	35.57 1.41 0.00	33.11 1.40 0.00	30.96 1.16 0.00
EAST_RIVER___2 323559	29.92 0.94 -0.06	24.19 0.68 0.00	26.26 0.66 0.00	25.13 0.64 0.00	24.39 0.62 0.00	29.17 0.72 0.00	38.89 1.26 0.00	40.99 1.73 0.00	32.16 1.60 0.00	24.74 1.43 0.00	60.29 0.96 -43.67	29.58 1.14 -9.55	47.06 1.15 -26.94	35.62 1.43 -10.58	34.44 1.73 -4.27	33.98 2.02 0.00	34.38 1.92 -2.37	36.78 2.09 0.00	47.62 2.08 0.00	41.35 1.58 0.00	42.21 1.54 0.00	35.56 1.41 0.00	33.11 1.39 0.00	30.94 1.14 0.00
EAST___DELAWARE_HYD 23607	29.12 0.18 -0.03	23.61 0.09 0.00	25.63 0.04 0.00	24.52 0.02 0.00	23.79 0.03 0.00	28.47 0.03 0.00	37.92 0.29 0.00	39.82 0.57 0.00	31.06 0.49 0.00	23.69 0.39 0.00	33.99 0.21 -18.12	15.68 0.21 3.41	34.67 0.15 -15.54	29.32 -0.39 -6.10	30.45 -0.46 -2.46	31.60 -0.37 0.00	29.06 -0.17 0.86	34.55 -0.15 0.00	45.22 -0.31 0.00	39.42 -0.34 0.00	40.37 -0.30 0.00	34.72 0.57 0.00	32.25 0.53 0.00	30.16 0.36 0.00
EIGHT_POINT___WT_PWR 323820	28.24 -0.67 0.00	22.79 -0.72 0.00	24.72 -0.88 0.00	23.66 -0.83 0.00	23.10 -0.66 0.00	27.88 -0.57 0.00	37.43 -0.20 0.00	38.77 -0.49 0.00	30.05 -0.52 0.00	22.85 -0.46 0.00	15.48 -0.17 0.00	18.80 -0.08 0.00	19.07 0.09 0.00	23.56 -0.05 0.00	28.66 0.22 0.00	32.04 0.08 0.00	30.21 0.12 0.00	34.52 -0.18 0.00	45.62 0.09 0.00	40.12 0.36 0.00	40.99 0.31 0.00	34.13 -0.02 0.00	31.78 0.06 0.00	29.91 0.11 0.00
ELBRIDGE_115KV_TB2 80188	28.39 -0.53 0.00	23.06 -0.46 0.00	25.11 -0.49 0.00	24.04 -0.45 0.00	23.33 -0.43 0.00	27.99 -0.46 0.00	37.11 -0.52 0.00	38.71 -0.55 0.00	30.13 -0.43 0.00	22.93 -0.37 0.00	15.44 -0.21 0.00	18.64 -0.24 0.00	18.78 -0.19 0.00	23.36 -0.24 0.00	28.18 -0.26 0.00	31.60 -0.37 0.00	29.79 -0.30 0.00	34.42 -0.28 0.00	45.21 -0.33 0.00	39.54 -0.23 0.00	40.40 -0.27 0.00	33.89 -0.26 0.00	31.49 -0.23 0.00	29.54 -0.26 0.00
ELEC_TRO_TEK 24086	30.34 1.17 -0.26	24.30 0.78 0.00	26.35 0.75 0.00	25.22 0.73 0.00	24.49 0.73 0.00	29.31 0.86 0.00	38.92 1.29 0.00	41.11 1.85 0.00	32.12 1.56 0.00	24.65 1.35 0.00	60.25 0.90 -43.69	31.73 1.13 -11.72	47.64 1.09 -27.58	59.22 1.35 -34.26	46.53 1.74 -16.35	36.22 2.08 -2.18	34.37 1.91 -2.37	36.76 2.07 0.00	47.69 2.15 0.00	41.42 1.65 0.00	42.26 1.59 0.00	35.71 1.56 0.00	33.19 1.47 0.00	31.09 1.30 0.00
ELLENBURG_WT_PWR 323604	29.55 0.64 0.00	24.03 0.51 0.00	26.13 0.53 0.00	25.03 0.53 0.00	24.32 0.56 0.00	29.16 0.71 0.00	38.57 0.94 0.00	40.72 1.47 0.00	31.69 1.12 0.00	24.08 0.77 0.00	16.15 0.49 0.00	19.49 0.61 0.00	19.58 0.60 0.00	24.41 0.80 0.00	29.43 0.99 0.00	32.90 0.93 0.00	31.03 0.95 0.00	35.80 1.10 0.00	47.15 1.62 0.00	41.37 1.60 0.00	42.07 1.40 0.00	34.86 0.71 0.00	31.93 0.21 0.00	30.42 0.62 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.10 -0.81 0.00	22.85 -0.66 0.00	24.98 -0.62 0.00	23.88 -0.61 0.00	23.17 -0.59 0.00	27.90 -0.55 0.00	36.92 -0.71 0.00	38.13 -1.13 0.00	29.87 -0.70 0.00	22.97 -0.33 0.00	15.65 -0.01 0.00	18.97 0.09 0.00	19.21 0.24 0.00	23.79 0.18 0.00	28.78 0.34 0.00	32.06 0.09 0.00	29.96 -0.12 0.00	34.21 -0.49 0.00	44.57 -0.96 0.00	38.88 -0.88 0.00	39.86 -0.82 0.00	33.46 -0.69 0.00	31.19 -0.53 0.00	29.40 -0.39 0.00
EMPIRE_CC_1 323656	28.87 0.04 0.08	23.73 0.21 0.00	25.79 0.19 0.00	24.72 0.23 0.00	23.98 0.21 0.00	28.51 0.06 0.00	37.75 0.12 0.00	39.46 0.21 0.00	30.83 0.27 0.00	23.49 0.18 0.00	-32.99 0.09 48.73	21.39 0.09 -2.42	-18.73 0.09 37.80	8.76 -0.01 14.84	22.39 -0.06 5.99	32.05 0.09 0.00	30.67 -0.04 -0.63	34.61 -0.08 0.00	45.39 -0.15 0.00	39.65 -0.12 0.00	40.58 -0.09 0.00	34.26 0.10 0.00	31.81 0.10 0.00	29.91 0.12 0.00
EMPIRE_CC_2 323658	28.87 0.04 0.08	23.73 0.21 0.00	25.79 0.19 0.00	24.72 0.23 0.00	23.98 0.21 0.00	28.51 0.06 0.00	37.75 0.12 0.00	39.46 0.21 0.00	30.83 0.27 0.00	23.49 0.18 0.00	-32.99 0.09 48.73	21.39 0.09 -2.42	-18.73 0.09 37.80	8.76 -0.01 14.84	22.39 -0.06 5.99	32.05 0.09 0.00	30.67 -0.04 -0.63	34.61 -0.08 0.00	45.39 -0.15 0.00	39.65 -0.12 0.00	40.58 -0.09 0.00	34.26 0.10 0.00	31.81 0.10 0.00	29.91 0.12 0.00
ENORWICH_115KV_TB1 80156	29.99 1.07 0.00	24.36 0.85 0.00	26.53 0.93 0.00	25.42 0.92 0.00	24.71 0.95 0.00	29.78 1.34 0.00	39.80 2.17 0.00	41.55 2.29 0.00	31.99 1.42 0.00	24.12 0.81 0.00	16.16 0.50 0.00	19.54 0.66 0.00	19.73 0.76 0.00	24.61 1.00 0.00	29.69 1.25 0.00	33.40 1.43 0.00	31.58 1.49 0.00	36.63 1.93 0.00	48.62 3.08 0.00	42.75 2.98 0.00	43.72 3.05 0.00	36.46 2.31 0.00	33.74 2.02 0.00	31.34 1.55 0.00
ERIE_ST__34_KV_TB1-2 80199	28.16 -0.75 0.00	22.89 -0.63 0.00	25.00 -0.60 0.00	23.91 -0.59 0.00	23.20 -0.56 0.00	27.94 -0.51 0.00	37.08 -0.57 0.00	38.40 -0.86 0.00	30.06 -0.50 0.00	23.12 -0.18 0.00	15.75 0.09 0.00	19.10 0.22 0.00	19.35 0.38 0.00	23.99 0.38 0.00	29.01 0.57 0.00	32.35 0.39 0.00	30.25 0.16 0.00	34.54 -0.16 0.00	45.02 -0.51 0.00	39.32 -0.45 0.00	40.28 -0.39 0.00	33.78 -0.38 0.00	31.44 -0.28 0.00	29.56 -0.23 0.00
ERIE_WT_PWR 323693	28.17 -0.73 0.00	22.91 -0.60 0.00	25.03 -0.57 0.00	23.94 -0.56 0.00	23.20 -0.56 0.00	27.97 -0.48 0.00	37.06 -0.57 0.00	38.28 -0.98 0.00	29.97 -0.60 0.00	23.03 -0.27 0.00	15.69 0.04 0.00	19.03 0.15 0.00	19.24 0.27 0.00	23.84 0.23 0.00	28.88 0.45 0.00	32.20 0.23 0.00	30.12 0.03 0.00	34.38 -0.32 0.00	44.81 -0.73 0.00	39.12 -0.64 0.00	40.10 -0.57 0.00	33.63 -0.52 0.00	31.33 -0.39 0.00	29.49 -0.30 0.00
ESPRGFLD_115KV_TB1 80157	29.59 0.69 0.02	23.97 0.45 0.00	26.13 0.54 0.00	24.97 0.48 0.00	24.20 0.44 0.00	29.12 0.67 0.00	38.75 1.12 0.00	40.35 1.10 0.00	31.23 0.67 0.00	23.74 0.44 0.00	4.21 0.37 11.82	19.34 0.49 0.02	10.67 0.51 8.81	20.85 0.70 3.46	27.93 0.89 1.40	32.97 1.00 0.00	31.08 0.99 0.00	35.86 1.16 0.00	47.35 1.81 0.00	41.56 1.79 0.00	42.48 1.81 0.00	35.54 1.39 0.00	32.94 1.22 0.00	30.85 1.05 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.96 0.05 0.00	23.51 0.00 0.00	25.60 0.00 0.00	24.51 0.01 0.00	23.78 0.02 0.00	28.56 0.11 0.00	37.98 0.34 0.00	39.61 0.35 0.00	30.68 0.12 0.00	23.24 -0.07 0.00	15.62 -0.04 0.00	18.85 -0.03 0.00	19.00 0.02 0.00	23.67 0.06 0.00	28.61 0.17 0.00	32.11 0.14 0.00	30.32 0.23 0.00	35.04 0.34 0.00	46.23 0.69 0.00	40.60 0.84 0.00	41.51 0.84 0.00	34.76 0.61 0.00	32.27 0.55 0.00	30.18 0.39 0.00
ETNA____115KV_TB2 80207	28.96 0.05 0.00	23.51 0.00 0.00	25.60 0.00 0.00	24.51 0.01 0.00	23.78 0.02 0.00	28.56 0.11 0.00	37.98 0.34 0.00	39.61 0.35 0.00	30.68 0.12 0.00	23.24 -0.07 0.00	15.62 -0.04 0.00	18.85 -0.03 0.00	19.00 0.02 0.00	23.67 0.06 0.00	28.61 0.17 0.00	32.11 0.14 0.00	30.32 0.23 0.00	35.04 0.34 0.00	46.23 0.69 0.00	40.60 0.84 0.00	41.51 0.84 0.00	34.76 0.61 0.00	32.27 0.55 0.00	30.18 0.39 0.00
EUCLID__115KV_TB2 356179	28.26 -0.65 0.00	22.97 -0.54 0.00	25.01 -0.60 0.00	23.92 -0.57 0.00	23.22 -0.54 0.00	27.85 -0.60 0.00	36.93 -0.70 0.00	38.52 -0.74 0.00	29.97 -0.60 0.00	22.82 -0.48 0.00	15.37 -0.29 0.00	18.56 -0.31 0.00	18.67 -0.30 0.00	23.25 -0.35 0.00	28.02 -0.42 0.00	31.44 -0.53 0.00	29.61 -0.48 0.00	34.19 -0.51 0.00	44.93 -0.61 0.00	39.21 -0.55 0.00	40.08 -0.59 0.00	33.62 -0.53 0.00	31.26 -0.46 0.00	29.32 -0.47 0.00
E_CANADA_CAP_HY 24051	29.87 0.98 0.03	24.21 0.69 0.00	26.39 0.79 0.00	25.21 0.72 0.00	24.43 0.67 0.00	29.40 0.95 0.00	39.09 1.45 0.00	40.58 1.32 0.00	31.19 0.63 0.00	23.57 0.27 0.00	-0.72 0.25 16.63	20.19 0.30 -1.01	6.28 0.31 13.00	18.94 0.44 5.11	26.96 0.58 2.06	32.60 0.64 0.00	30.97 0.63 -0.26	35.52 0.83 0.00	47.26 1.72 0.00	41.75 1.98 0.00	42.72 2.05 0.00	35.78 1.63 0.00	33.14 1.42 0.00	31.06 1.26 0.00
E_CANADA_MHWK_HY 24050	29.37 0.46 0.00	23.97 0.46 0.00	26.03 0.43 0.00	24.95 0.46 0.00	24.27 0.51 0.00	28.98 0.53 0.00	38.52 0.89 0.00	40.23 0.97 0.00	30.95 0.38 0.00	23.18 -0.13 0.00	15.51 -0.14 0.00	18.60 -0.28 0.00	18.72 -0.25 0.00	23.13 -0.48 0.00	27.90 -0.55 0.00	31.41 -0.55 0.00	29.83 -0.26 0.00	34.77 0.08 0.00	46.16 0.62 0.00	40.74 0.97 0.00	41.65 0.97 0.00	35.05 0.90 0.00	32.47 0.75 0.00	30.37 0.58 0.00
E_FISHKILL__LBMP 23776	29.56 0.59 -0.07	23.96 0.45 0.00	26.02 0.43 0.00	24.91 0.42 0.00	24.19 0.42 0.00	28.87 0.43 0.00	38.43 0.80 0.00	40.40 1.14 0.00	31.59 1.03 0.00	24.21 0.91 0.00	61.21 0.59 -44.97	25.90 0.70 -6.32	49.46 0.68 -29.81	36.17 0.85 -11.70	34.20 1.04 -4.73	33.28 1.32 0.00	32.91 1.26 -1.56	36.08 1.39 0.00	46.99 1.45 0.00	40.87 1.10 0.00	41.74 1.07 0.00	35.14 0.99 0.00	32.69 0.97 0.00	30.61 0.82 0.00
FALCON__SEABRD_CC1 323796	29.84 0.93 0.00	24.29 0.77 0.00	26.39 0.79 0.00	25.29 0.79 0.00	24.59 0.83 0.00	29.49 1.04 0.00	39.31 1.68 0.00	41.61 2.35 0.00	32.40 1.84 0.00	24.54 1.24 0.00	16.43 0.78 0.00	19.85 0.97 0.00	19.96 0.98 0.00	24.88 1.27 0.00	30.03 1.59 0.00	33.54 1.58 0.00	31.75 1.67 0.00	36.56 1.86 0.00	48.15 2.62 0.00	42.29 2.52 0.00	42.92 2.25 0.00	35.39 1.23 0.00	32.23 0.51 0.00	30.82 1.03 0.00
FALCON__SEABRD_CC2 323797	29.84 0.93 0.00	24.29 0.77 0.00	26.39 0.79 0.00	25.29 0.79 0.00	24.59 0.83 0.00	29.49 1.04 0.00	39.31 1.68 0.00	41.61 2.35 0.00	32.40 1.84 0.00	24.54 1.24 0.00	16.43 0.78 0.00	19.85 0.97 0.00	19.96 0.98 0.00	24.88 1.27 0.00	30.03 1.59 0.00	33.54 1.58 0.00	31.75 1.67 0.00	36.56 1.86 0.00	48.15 2.62 0.00	42.29 2.52 0.00	42.92 2.25 0.00	35.39 1.23 0.00	32.23 0.51 0.00	30.82 1.03 0.00

FAR ROCKAWAY___4 23548	30.99 1.60 -0.48	24.63 1.12 0.00	26.70 1.10 0.00	25.55 1.06 0.00	24.81 1.05 0.00	29.70 1.25 0.00	39.42 1.79 0.00	41.61 2.35 0.00	32.53 1.96 0.00	24.97 1.67 0.00	60.49 1.13 -43.70	34.25 1.44 -13.94	48.75 1.41 -28.37	83.49 1.74 -58.14	58.04 2.25 -27.35	36.60 2.64 -2.00	34.91 2.45 -2.36	37.36 2.66 0.00	48.52 2.98 0.00	42.12 2.35 0.00	42.98 2.31 0.00	36.31 2.15 0.00	33.72 2.00 0.00	31.55 1.75 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.89 0.92 -0.06	24.17 0.66 0.00	26.25 0.65 0.00	25.11 0.62 0.00	24.38 0.62 0.00	29.15 0.70 0.00	38.87 1.23 0.00	40.92 1.66 0.00	32.08 1.51 0.00	24.66 1.35 0.00	60.23 0.90 -43.68	29.50 1.07 -9.55	46.97 1.06 -26.94	35.52 1.33 -10.58	34.35 1.64 -4.27	33.94 1.98 0.00	34.35 1.89 -2.37	36.77 2.07 0.00	47.66 2.12 0.00	41.38 1.61 0.00	42.23 1.56 0.00	35.59 1.43 0.00	33.14 1.42 0.00	30.98 1.18 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.89 0.92 -0.06	24.18 0.66 0.00	26.25 0.65 0.00	25.11 0.62 0.00	24.38 0.62 0.00	29.15 0.70 0.00	38.87 1.24 0.00	40.92 1.66 0.00	32.08 1.51 0.00	24.66 1.35 0.00	60.23 0.90 -43.68	29.50 1.07 -9.55	46.97 1.06 -26.94	35.51 1.33 -10.58	34.35 1.64 -4.27	33.94 1.98 0.00	34.35 1.89 -2.37	36.77 2.08 0.00	47.66 2.13 0.00	41.39 1.62 0.00	42.24 1.56 0.00	35.59 1.44 0.00	33.14 1.43 0.00	30.98 1.19 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.87 0.90 -0.06	24.16 0.64 0.00	26.22 0.63 0.00	25.10 0.61 0.00	24.37 0.61 0.00	29.13 0.68 0.00	38.84 1.21 0.00	40.90 1.64 0.00	32.07 1.50 0.00	24.65 1.35 0.00	60.22 0.89 -43.68	29.50 1.07 -9.55	46.96 1.05 -26.94	35.51 1.32 -10.58	34.33 1.62 -4.27	33.93 1.96 0.00	34.34 1.87 -2.37	36.75 2.05 0.00	47.63 2.10 0.00	41.35 1.58 0.00	42.19 1.52 0.00	35.56 1.41 0.00	33.11 1.40 0.00	30.96 1.16 0.00
FARRAGUT___LBMP 323566	29.84 0.87 -0.06	24.15 0.63 0.00	26.21 0.62 0.00	25.08 0.59 0.00	24.35 0.59 0.00	29.12 0.67 0.00	38.81 1.18 0.00	40.86 1.60 0.00	32.04 1.47 0.00	24.62 1.32 0.00	60.20 0.87 -43.68	29.47 1.04 -9.55	46.94 1.03 -26.94	35.48 1.30 -10.58	34.30 1.59 -4.27	33.89 1.93 0.00	34.29 1.83 -2.37	36.71 2.01 0.00	47.59 2.05 0.00	41.31 1.54 0.00	42.15 1.48 0.00	35.53 1.38 0.00	33.08 1.37 0.00	30.93 1.14 0.00
FENNER___WINDPWR 24204	29.15 0.24 0.00	23.68 0.17 0.00	25.78 0.18 0.00	24.68 0.18 0.00	23.96 0.20 0.00	28.77 0.32 0.00	38.28 0.64 0.00	39.88 0.62 0.00	30.90 0.34 0.00	23.43 0.13 0.00	15.75 0.09 0.00	19.01 0.13 0.00	19.13 0.16 0.00	23.84 0.23 0.00	28.74 0.30 0.00	32.29 0.33 0.00	30.48 0.39 0.00	35.30 0.60 0.00	46.51 0.97 0.00	40.79 1.02 0.00	41.72 1.04 0.00	34.95 0.79 0.00	32.41 0.69 0.00	30.32 0.53 0.00
FIBERTEK___ENERGY 23856	28.53 -0.38 0.00	23.18 -0.34 0.00	25.23 -0.37 0.00	24.14 -0.35 0.00	23.44 -0.32 0.00	28.12 -0.33 0.00	37.31 -0.32 0.00	38.91 -0.35 0.00	30.26 -0.30 0.00	23.03 -0.27 0.00	15.51 -0.15 0.00	18.73 -0.15 0.00	18.87 -0.11 0.00	23.48 -0.13 0.00	28.30 -0.14 0.00	31.75 -0.22 0.00	29.94 -0.15 0.00	34.59 -0.11 0.00	45.48 -0.06 0.00	39.74 -0.03 0.00	40.60 -0.07 0.00	34.05 -0.10 0.00	31.63 -0.08 0.00	29.65 -0.14 0.00
FITZPATRICK___ 23598	27.90 -1.01 0.00	22.68 -0.83 0.00	24.70 -0.90 0.00	23.63 -0.87 0.00	22.93 -0.83 0.00	27.49 -0.96 0.00	36.43 -1.20 0.00	37.98 -1.27 0.00	29.57 -1.00 0.00	22.52 -0.78 0.00	15.16 -0.50 0.00	18.29 -0.59 0.00	18.40 -0.58 0.00	22.90 -0.71 0.00	27.59 -0.85 0.00	30.96 -1.00 0.00	29.15 -0.94 0.00	33.66 -1.04 0.00	44.20 -1.33 0.00	38.57 -1.20 0.00	39.43 -1.24 0.00	33.10 -1.05 0.00	30.78 -0.94 0.00	28.90 -0.90 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.84 0.88 -0.05	24.19 0.68 0.00	26.27 0.67 0.00	25.14 0.64 0.00	24.39 0.64 0.00	29.16 0.71 0.00	38.83 1.19 0.00	40.81 1.55 0.00	31.89 1.32 0.00	24.40 1.10 0.00	46.92 0.72 -30.55	21.26 0.86 -1.52	41.71 0.84 -21.90	33.28 1.07 -8.60	33.24 1.33 -3.47	33.63 1.66 0.00	32.09 1.63 -0.37	36.58 1.89 0.00	47.68 2.15 0.00	41.48 1.71 0.00	42.33 1.66 0.00	35.59 1.43 0.00	33.07 1.35 0.00	30.93 1.14 0.00
FORT ORANGE___ 23900	29.29 0.42 0.04	23.95 0.44 0.00	26.02 0.43 0.00	24.93 0.43 0.00	24.20 0.44 0.00	28.83 0.39 0.00	38.22 0.59 0.00	39.94 0.69 0.00	31.13 0.56 0.00	23.66 0.36 0.00	-9.84 0.07 25.56	20.67 0.04 -1.75	-1.09 0.05 20.11	15.73 0.02 7.90	25.24 -0.01 3.19	31.99 0.03 0.00	30.54 0.00 -0.45	34.72 0.02 0.00	45.62 0.08 0.00	39.88 0.12 0.00	40.80 0.13 0.00	34.34 0.19 0.00	31.86 0.15 0.00	29.91 0.12 0.00
FORT_DRUM_COGEN 23780	30.34 1.43 0.00	24.57 1.05 0.00	26.68 1.08 0.00	25.52 1.03 0.00	24.83 1.07 0.00	29.89 1.44 0.00	39.88 2.25 0.00	41.22 1.96 0.00	31.85 1.28 0.00	24.15 0.85 0.00	16.16 0.50 0.00	19.37 0.49 0.00	19.29 0.32 0.00	24.05 0.44 0.00	29.07 0.63 0.00	32.48 0.51 0.00	30.51 0.42 0.00	35.32 0.62 0.00	47.43 1.89 0.00	42.37 2.61 0.00	43.71 3.04 0.00	36.60 2.45 0.00	33.84 2.12 0.00	31.58 1.78 0.00
FOX_HILLS___ESR 323835	29.87 0.90 -0.06	24.15 0.64 0.00	26.31 0.71 0.00	25.18 0.68 0.00	24.43 0.68 0.00	29.23 0.78 0.00	38.93 1.30 0.00	41.05 1.79 0.00	32.15 1.58 0.00	24.66 1.35 0.00	60.21 0.87 -43.68	29.46 1.04 -9.54	46.92 1.00 -26.95	35.50 1.31 -10.58	34.33 1.62 -4.27	33.92 1.96 0.00	34.36 1.90 -2.37	36.69 1.99 0.00	47.28 1.75 0.00	41.10 1.33 0.00	42.00 1.33 0.00	35.50 1.35 0.00	33.13 1.41 0.00	30.96 1.17 0.00
FPL_FAR_ROCK_GT1 24212	30.97 1.59 -0.48	24.63 1.12 0.00	26.70 1.10 0.00	25.55 1.06 0.00	24.81 1.05 0.00	29.70 1.25 0.00	39.41 1.78 0.00	41.61 2.35 0.00	32.53 1.97 0.00	24.98 1.67 0.00	60.50 1.15 -43.70	34.25 1.44 -13.94	48.80 1.45 -28.37	83.50 1.75 -58.14	58.05 2.26 -27.35	36.60 2.64 -2.00	34.90 2.45 -2.36	37.35 2.66 0.00	48.51 2.98 0.00	42.12 2.35 0.00	42.98 2.30 0.00	36.31 2.15 0.00	33.72 2.00 0.00	31.54 1.75 0.00
FPL_FAR_ROCK_GT2 23815	30.97 1.59 -0.48	24.63 1.12 0.00	26.70 1.10 0.00	25.55 1.06 0.00	24.81 1.05 0.00	29.70 1.25 0.00	39.41 1.78 0.00	41.61 2.35 0.00	32.53 1.97 0.00	24.98 1.67 0.00	60.50 1.15 -43.70	34.25 1.44 -13.94	48.80 1.45 -28.37	83.50 1.75 -58.14	58.05 2.26 -27.35	36.60 2.64 -2.00	34.90 2.45 -2.36	37.35 2.66 0.00	48.51 2.98 0.00	42.12 2.35 0.00	42.98 2.30 0.00	36.31 2.15 0.00	33.72 2.00 0.00	31.54 1.75 0.00
FRANKLIN_FALL_HYD 24054	29.97 1.05 0.00	24.35 0.83 0.00	26.48 0.88 0.00	25.34 0.85 0.00	24.64 0.88 0.00	29.57 1.12 0.00	39.12 1.48 0.00	41.10 1.84 0.00	31.96 1.39 0.00	24.27 0.96 0.00	16.29 0.63 0.00	19.61 0.73 0.00	19.70 0.73 0.00	24.58 0.97 0.00	29.65 1.21 0.00	33.15 1.19 0.00	31.15 1.06 0.00	35.99 1.29 0.00	47.53 2.00 0.00	41.80 2.04 0.00	42.65 1.98 0.00	35.44 1.28 0.00	32.53 0.81 0.00	30.84 1.05 0.00



FREEPORT_EQUS_GT1 23764	30.45 1.31 -0.23	24.41 0.90 0.00	26.45 0.85 0.00	25.32 0.82 0.00	24.59 0.82 0.00	29.45 1.00 0.00	39.08 1.45 0.00	41.29 2.03 0.00	32.25 1.68 0.00	24.75 1.44 0.00	60.32 0.97 -43.69	31.38 1.21 -11.30	47.65 1.20 -27.47	53.86 1.46 -28.80	43.88 1.89 -13.55	35.88 2.26 -1.66	34.54 2.09 -2.36	36.98 2.29 0.00	47.97 2.43 0.00	41.67 1.90 0.00	42.50 1.83 0.00	35.94 1.79 0.00	33.38 1.66 0.00	31.25 1.46 0.00
FREEPORT___CT2 23818	30.45 1.31 -0.23	24.41 0.90 0.00	26.45 0.85 0.00	25.32 0.82 0.00	24.59 0.82 0.00	29.45 1.00 0.00	39.08 1.45 0.00	41.29 2.03 0.00	32.25 1.68 0.00	24.75 1.44 0.00	60.32 0.97 -43.69	31.38 1.21 -11.30	47.65 1.20 -27.47	53.86 1.46 -28.80	43.88 1.89 -13.55	35.88 2.26 -1.66	34.54 2.09 -2.36	36.98 2.29 0.00	47.97 2.43 0.00	41.67 1.90 0.00	42.50 1.83 0.00	35.94 1.79 0.00	33.38 1.66 0.00	31.25 1.46 0.00
FRESHKLS_33_KV_LOAD 356253	29.91 0.94 -0.06	24.19 0.67 0.00	26.41 0.81 0.00	25.27 0.78 0.00	24.52 0.76 0.00	29.33 0.89 0.00	39.07 1.44 0.00	41.19 1.93 0.00	32.23 1.67 0.00	24.70 1.40 0.00	60.22 0.88 -43.68	29.46 1.05 -9.54	46.92 1.00 -26.95	35.51 1.32 -10.58	34.34 1.63 -4.27	33.94 1.97 0.00	34.39 1.93 -2.37	36.71 2.01 0.00	47.15 1.62 0.01	41.02 1.26 0.00	41.94 1.27 0.00	35.48 1.33 0.00	33.13 1.42 0.00	30.98 1.19 0.00
FULTON COGEN____ 23766	28.20 -0.71 0.00	22.91 -0.60 0.00	24.95 -0.65 0.00	23.87 -0.63 0.00	23.16 -0.60 0.00	27.78 -0.67 0.00	36.87 -0.76 0.00	38.47 -0.78 0.00	29.94 -0.63 0.00	22.78 -0.53 0.00	15.32 -0.33 0.00	18.50 -0.38 0.00	18.60 -0.37 0.00	23.16 -0.45 0.00	27.90 -0.54 0.00	31.30 -0.66 0.00	29.50 -0.59 0.00	34.07 -0.63 0.00	44.81 -0.72 0.00	39.13 -0.63 0.00	40.02 -0.65 0.00	33.58 -0.57 0.00	31.22 -0.49 0.00	29.29 -0.50 0.00
FULTON___LFGE 323630	29.98 1.10 0.03	24.35 0.84 0.00	26.52 0.92 0.00	25.35 0.86 0.00	24.60 0.84 0.00	29.55 1.10 0.00	39.31 1.68 0.00	40.86 1.61 0.00	31.20 0.63 0.00	23.35 0.04 0.00	-3.05 0.08 18.79	20.09 -0.01 -1.22	4.21 -0.02 14.74	17.81 -0.01 5.79	26.17 0.07 2.34	32.02 0.05 0.00	30.50 0.09 -0.31	35.20 0.50 0.00	47.25 1.72 0.00	41.95 2.18 0.00	42.91 2.24 0.00	35.96 1.81 0.00	33.31 1.59 0.00	31.18 1.38 0.00
G.F.CEMENT___DRP 24184	30.58 1.72 0.05	24.96 1.45 0.00	27.11 1.51 0.00	25.96 1.47 0.00	25.24 1.48 0.00	30.18 1.74 0.00	40.02 2.39 0.00	41.84 2.58 0.00	32.52 1.95 0.00	24.55 1.24 0.00	-12.55 0.80 29.00	21.44 0.94 -1.62	-2.75 0.88 22.60	15.70 0.96 8.87	25.80 0.95 3.58	33.03 1.07 0.00	31.53 1.02 -0.42	36.08 1.39 0.00	47.62 2.08 0.00	41.82 2.05 0.00	42.79 2.12 0.00	36.03 1.88 0.00	33.44 1.73 0.00	31.30 1.51 0.00
GARDENVILLE___LBMP 24039	28.11 -0.80 0.00	22.85 -0.66 0.00	24.97 -0.63 0.00	23.88 -0.61 0.00	23.16 -0.59 0.00	27.90 -0.54 0.00	36.95 -0.68 0.00	38.18 -1.08 0.00	29.89 -0.67 0.00	22.99 -0.32 0.00	15.66 0.00 0.00	18.99 0.11 0.00	19.23 0.26 0.00	23.82 0.21 0.00	28.82 0.38 0.00	32.11 0.14 0.00	30.03 -0.06 0.00	34.29 -0.41 0.00	44.70 -0.84 0.00	39.02 -0.75 0.00	39.98 -0.70 0.00	33.56 -0.60 0.00	31.27 -0.45 0.00	29.45 -0.35 0.00
GARDNVLA_35_KV_LD 355827	28.22 -0.69 0.00	22.94 -0.57 0.00	25.06 -0.54 0.00	23.96 -0.53 0.00	23.24 -0.52 0.00	28.00 -0.45 0.00	37.09 -0.55 0.00	38.31 -0.95 0.00	30.00 -0.57 0.00	23.08 -0.23 0.00	15.72 0.07 0.00	19.07 0.18 0.00	19.31 0.34 0.00	23.92 0.31 0.00	28.95 0.51 0.00	32.26 0.30 0.00	30.18 0.09 0.00	34.47 -0.23 0.00	44.92 -0.61 0.00	39.20 -0.57 0.00	40.15 -0.52 0.00	33.69 -0.46 0.00	31.38 -0.34 0.00	29.55 -0.25 0.00
GELCKHM___115KV_LOAD 80723	28.37 -0.54 0.00	23.05 -0.47 0.00	25.09 -0.51 0.00	24.01 -0.48 0.00	23.30 -0.46 0.00	27.95 -0.50 0.00	37.07 -0.56 0.00	38.67 -0.59 0.00	30.08 -0.49 0.00	22.90 -0.40 0.00	15.42 -0.23 0.00	18.63 -0.25 0.00	18.75 -0.22 0.00	23.35 -0.27 0.00	28.13 -0.31 0.00	31.56 -0.41 0.00	29.75 -0.34 0.00	34.35 -0.35 0.00	45.15 -0.38 0.00	39.42 -0.35 0.00	40.29 -0.39 0.00	33.79 -0.37 0.00	31.40 -0.32 0.00	29.45 -0.35 0.00
GENERAL___MILLS 23808	28.17 -0.74 0.00	22.90 -0.61 0.00	25.02 -0.58 0.00	23.93 -0.56 0.00	23.21 -0.55 0.00	27.96 -0.49 0.00	37.03 -0.61 0.00	38.26 -1.00 0.00	29.96 -0.61 0.00	23.04 -0.27 0.00	15.69 0.04 0.00	19.03 0.15 0.00	19.27 0.30 0.00	23.87 0.26 0.00	28.89 0.45 0.00	32.18 0.22 0.00	30.11 0.02 0.00	34.37 -0.33 0.00	44.80 -0.74 0.00	39.11 -0.66 0.00	40.06 -0.61 0.00	33.62 -0.53 0.00	31.32 -0.39 0.00	29.50 -0.29 0.00
GE_PLASTICS___DRP 24183	29.19 0.31 0.03	23.84 0.32 0.00	25.92 0.32 0.00	24.82 0.33 0.00	24.08 0.32 0.00	28.73 0.28 0.00	38.07 0.44 0.00	39.82 0.56 0.00	31.06 0.49 0.00	23.66 0.35 0.00	-1.30 0.13 17.09	20.61 0.13 -1.60	5.41 0.14 13.70	18.36 0.13 5.38	26.40 0.13 2.17	32.15 0.19 0.00	30.66 0.16 -0.41	34.88 0.18 0.00	45.73 0.19 0.00	39.92 0.15 0.00	40.82 0.15 0.00	34.36 0.21 0.00	31.92 0.20 0.00	29.98 0.18 0.00
GILBOA___1 23756	29.28 0.36 -0.01	23.83 0.32 0.00	25.99 0.39 0.00	24.84 0.34 0.00	24.06 0.30 0.00	28.76 0.31 0.00	38.05 0.41 0.00	39.80 0.54 0.00	31.04 0.48 0.00	23.68 0.38 0.00	21.60 0.24 -5.71	19.16 0.27 -0.01	23.49 0.26 -4.25	25.59 0.31 -1.67	29.47 0.35 -0.67	32.42 0.46 0.00	30.52 0.43 0.00	35.16 0.46 0.00	45.94 0.40 0.00	40.09 0.33 0.00	40.97 0.30 0.00	34.50 0.35 0.00	32.11 0.39 0.00	30.16 0.37 0.00
GILBOA___2 23757	29.28 0.36 -0.01	23.83 0.32 0.00	25.99 0.39 0.00	24.84 0.34 0.00	24.06 0.30 0.00	28.76 0.31 0.00	38.05 0.41 0.00	39.80 0.54 0.00	31.04 0.48 0.00	23.68 0.38 0.00	21.60 0.24 -5.71	19.16 0.27 -0.01	23.49 0.26 -4.25	25.59 0.31 -1.67	29.47 0.35 -0.67	32.42 0.46 0.00	30.52 0.43 0.00	35.16 0.46 0.00	45.94 0.40 0.00	40.09 0.33 0.00	40.97 0.30 0.00	34.50 0.35 0.00	32.11 0.39 0.00	30.16 0.37 0.00
GILBOA___3 23758	29.28 0.36 -0.01	23.83 0.32 0.00	25.99 0.39 0.00	24.84 0.34 0.00	24.06 0.30 0.00	28.76 0.31 0.00	38.05 0.41 0.00	39.80 0.54 0.00	31.04 0.48 0.00	23.68 0.38 0.00	21.60 0.24 -5.71	19.16 0.27 -0.01	23.49 0.26 -4.25	25.59 0.31 -1.67	29.47 0.35 -0.67	32.42 0.46 0.00	30.52 0.43 0.00	35.16 0.46 0.00	45.94 0.40 0.00	40.09 0.33 0.00	40.97 0.30 0.00	34.50 0.35 0.00	32.11 0.39 0.00	30.16 0.37 0.00
GILBOA___4 23759	29.28 0.36 -0.01	23.83 0.32 0.00	25.99 0.39 0.00	24.84 0.34 0.00	24.06 0.30 0.00	28.76 0.31 0.00	38.05 0.41 0.00	39.80 0.54 0.00	31.04 0.48 0.00	23.68 0.38 0.00	21.60 0.24 -5.71	19.16 0.27 -0.01	23.49 0.26 -4.25	25.59 0.31 -1.67	29.47 0.35 -0.67	32.42 0.46 0.00	30.52 0.43 0.00	35.16 0.46 0.00	45.94 0.40 0.00	40.09 0.33 0.00	40.97 0.30 0.00	34.50 0.35 0.00	32.11 0.39 0.00	30.16 0.37 0.00

GILBOA____ 23599	29.28 0.36 -0.01	23.83 0.31 0.00	25.99 0.39 0.00	24.84 0.35 0.00	24.06 0.30 0.00	28.76 0.31 0.00	38.05 0.41 0.00	39.80 0.54 0.00	31.05 0.48 0.00	23.68 0.38 0.00	21.60 0.24 -5.71	19.16 0.27 -0.01	23.49 0.26 -4.25	25.59 0.31 -1.67	29.47 0.35 -0.67	32.42 0.46 0.00	30.52 0.43 0.00	35.16 0.46 0.00	45.94 0.40 0.00	40.10 0.33 0.00	40.97 0.30 0.00	34.50 0.35 0.00	32.11 0.39 0.00	30.16 0.37 0.00
GINNA____ 23603	27.21 -1.70 0.00	22.12 -1.39 0.00	24.12 -1.48 0.00	23.07 -1.42 0.00	22.40 -1.36 0.00	26.98 -1.47 0.00	35.81 -1.83 0.00	37.21 -2.05 0.00	28.98 -1.59 0.00	22.12 -1.19 0.00	14.95 -0.70 0.00	18.11 -0.77 0.00	18.27 -0.71 0.00	22.79 -0.82 0.00	27.53 -0.91 0.00	30.85 -1.11 0.00	28.98 -1.11 0.00	33.40 -1.30 0.00	43.86 -1.68 0.00	38.16 -1.61 0.00	39.02 -1.65 0.00	32.67 -1.48 0.00	30.33 -1.39 0.00	28.45 -1.34 0.00
GLEN PARK____ 23778	30.46 1.55 0.00	24.66 1.14 0.00	26.76 1.17 0.00	25.61 1.12 0.00	24.92 1.16 0.00	30.00 1.55 0.00	40.06 2.43 0.00	41.41 2.15 0.00	31.98 1.42 0.00	24.23 0.93 0.00	16.20 0.54 0.00	19.43 0.54 0.00	19.30 0.33 0.00	24.05 0.44 0.00	29.08 0.64 0.00	32.45 0.49 0.00	30.50 0.41 0.00	35.33 0.63 0.00	47.52 1.99 0.00	42.56 2.79 0.00	43.96 3.29 0.00	36.83 2.67 0.00	34.02 2.31 0.00	31.73 1.94 0.00
GLENDALE_27_KV_LOAD 356172	29.96 0.99 -0.06	24.23 0.71 0.00	26.29 0.69 0.00	25.16 0.66 0.00	24.42 0.66 0.00	29.22 0.78 0.00	38.94 1.31 0.00	41.11 1.86 0.00	32.23 1.67 0.00	24.76 1.46 0.00	60.31 0.97 -43.68	29.59 1.17 -9.54	47.06 1.14 -26.95	35.65 1.47 -10.58	34.51 1.79 -4.27	34.10 2.14 0.00	34.52 2.07 -2.37	36.93 2.24 0.00	47.78 2.25 0.00	41.49 1.72 0.00	42.34 1.67 0.00	35.72 1.57 0.00	33.26 1.54 0.00	31.06 1.27 0.00
GLENWOOD_IC_1_G5 23712	30.24 1.13 -0.19	24.30 0.79 0.00	26.36 0.77 0.00	25.24 0.74 0.00	24.51 0.75 0.00	29.31 0.87 0.00	38.99 1.37 0.00	41.11 1.85 0.00	32.17 1.60 0.00	24.70 1.39 0.00	60.28 0.93 -43.69	31.00 1.15 -10.97	47.41 1.12 -27.32	51.01 1.39 -26.01	42.53 1.60 -12.50	36.03 1.94 -2.14	34.25 1.80 -2.37	36.65 1.95 0.00	47.55 2.02 0.00	41.28 1.51 0.00	42.13 1.46 0.00	35.56 1.41 0.00	33.16 1.44 0.00	31.12 1.33 0.00
GLENWOOD_IC_2_G1 23688	29.93 0.95 -0.06	24.18 0.67 0.00	26.25 0.65 0.00	25.12 0.63 0.00	24.39 0.63 0.00	29.16 0.71 0.00	38.80 1.17 0.00	40.89 1.64 0.00	31.99 1.43 0.00	24.56 1.26 0.00	60.19 0.84 -43.69	29.44 1.02 -9.55	46.97 1.02 -26.98	35.87 1.25 -11.01	34.51 1.55 -4.52	33.93 1.88 -0.09	34.20 1.75 -2.36	36.62 1.93 0.00	47.56 2.02 0.00	41.31 1.54 0.00	42.16 1.49 0.00	35.56 1.40 0.00	33.08 1.36 0.00	30.97 1.17 0.00
GLENWOOD_IC_3_G1 23689	29.93 0.95 -0.06	24.18 0.67 0.00	26.25 0.65 0.00	25.12 0.63 0.00	24.39 0.63 0.00	29.16 0.71 0.00	38.80 1.17 0.00	40.89 1.64 0.00	31.99 1.43 0.00	24.56 1.26 0.00	60.19 0.84 -43.69	29.44 1.02 -9.55	46.97 1.02 -26.98	35.87 1.25 -11.01	34.51 1.55 -4.52	33.93 1.88 -0.09	34.20 1.75 -2.36	36.62 1.93 0.00	47.56 2.02 0.00	41.31 1.54 0.00	42.16 1.49 0.00	35.56 1.40 0.00	33.08 1.36 0.00	30.97 1.17 0.00
GLENWOOD____4 23550	30.24 1.13 -0.19	24.30 0.79 0.00	26.36 0.77 0.00	25.24 0.74 0.00	24.51 0.75 0.00	29.31 0.87 0.00	38.99 1.37 0.00	41.11 1.85 0.00	32.17 1.60 0.00	24.70 1.39 0.00	60.28 0.93 -43.69	31.00 1.15 -10.97	47.41 1.12 -27.32	51.02 1.39 -26.01	42.61 1.67 -12.50	36.12 2.02 -2.14	34.33 1.87 -2.37	36.74 2.05 0.00	47.66 2.12 0.00	41.39 1.62 0.00	42.23 1.56 0.00	35.64 1.49 0.00	33.19 1.47 0.00	31.12 1.33 0.00
GLENWOOD____5 23614	30.24 1.13 -0.19	24.30 0.79 0.00	26.36 0.77 0.00	25.24 0.74 0.00	24.51 0.75 0.00	29.31 0.87 0.00	38.99 1.37 0.00	41.11 1.85 0.00	32.17 1.60 0.00	24.70 1.39 0.00	60.28 0.93 -43.69	31.00 1.15 -10.97	47.41 1.12 -27.32	51.02 1.39 -26.01	42.61 1.67 -12.50	36.12 2.02 -2.14	34.33 1.87 -2.37	36.74 2.05 0.00	47.66 2.12 0.00	41.39 1.62 0.00	42.23 1.56 0.00	35.64 1.49 0.00	33.19 1.47 0.00	31.12 1.33 0.00
GLOBAL GREEN_PORT_GT1 23814	30.60 1.61 -0.08	24.69 1.18 0.00	26.74 1.14 0.00	25.61 1.11 0.00	24.93 1.17 0.00	29.91 1.47 0.00	39.69 2.06 0.00	42.04 2.79 0.00	32.92 2.35 0.00	25.25 1.94 0.00	60.63 1.29 -43.69	30.16 1.54 -9.73	47.36 1.43 -26.96	38.85 1.75 -13.49	37.11 2.43 -6.24	36.42 3.23 -1.23	35.52 3.07 -2.36	38.12 3.43 0.00	49.21 3.68 0.00	42.70 2.94 0.00	43.47 2.80 0.00	36.75 2.60 0.00	33.92 2.21 0.00	31.63 1.84 0.00
GLOBE____DSASP 323697	27.63 -1.28 0.00	22.51 -1.00 0.00	24.62 -0.98 0.00	23.53 -0.97 0.00	22.83 -0.93 0.00	27.49 -0.95 0.00	36.24 -1.39 0.00	37.31 -1.95 0.00	29.26 -1.31 0.00	22.53 -0.78 0.00	15.33 -0.32 0.00	18.56 -0.32 0.00	18.80 -0.18 0.00	23.26 -0.35 0.00	28.12 -0.32 0.00	31.28 -0.69 0.00	29.09 -0.99 0.00	33.09 -1.60 0.00	43.03 -2.51 0.00	37.46 -2.30 0.00	38.48 -2.19 0.00	32.41 -1.74 0.00	30.32 -1.40 0.00	28.80 -0.99 0.00
GOETHSLN____LBMP 323567	29.73 0.76 -0.06	24.03 0.52 0.00	26.08 0.48 0.00	24.96 0.46 0.00	24.22 0.46 0.00	28.96 0.51 0.00	38.62 0.98 0.00	40.65 1.39 0.00	31.86 1.30 0.00	24.49 1.19 0.00	59.96 0.78 -43.52	29.36 0.93 -9.55	46.83 0.92 -26.94	35.35 1.16 -10.58	34.14 1.43 -4.27	33.72 1.75 0.00	34.14 1.68 -2.37	36.53 1.83 0.00	47.36 1.83 0.00	41.12 1.35 0.00	41.97 1.29 0.00	35.37 1.22 0.00	32.95 1.23 0.00	30.82 1.03 0.00
GOLAH____69_KV_TB 1_2 80279	28.64 -0.28 0.00	23.27 -0.24 0.00	25.39 -0.21 0.00	24.28 -0.21 0.00	23.59 -0.17 0.00	28.42 -0.02 0.00	37.73 0.10 0.00	39.24 -0.02 0.00	30.59 0.03 0.00	23.31 0.01 0.00	15.76 0.11 0.00	19.09 0.21 0.00	19.32 0.34 0.00	24.09 0.48 0.00	29.08 0.64 0.00	32.44 0.48 0.00	30.45 0.36 0.00	35.06 0.36 0.00	46.10 0.56 0.00	40.21 0.45 0.00	41.18 0.51 0.00	34.47 0.32 0.00	31.98 0.27 0.00	30.02 0.23 0.00
GOODYEAR_LAKE_HYD 323669	29.42 0.51 0.00	23.87 0.36 0.00	26.01 0.42 0.00	24.86 0.37 0.00	24.11 0.35 0.00	28.94 0.49 0.00	38.47 0.84 0.00	40.19 0.93 0.00	31.25 0.68 0.00	23.81 0.50 0.00	16.01 0.35 0.00	19.35 0.47 0.00	19.46 0.49 0.00	24.26 0.65 0.00	29.24 0.80 0.00	32.90 0.94 0.00	31.01 0.92 0.00	35.78 1.08 0.00	47.01 1.47 0.00	41.09 1.33 0.00	41.97 1.30 0.00	35.18 1.03 0.00	32.65 0.94 0.00	30.57 0.78 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.64 -0.28 0.00	23.25 -0.26 0.00	25.31 -0.29 0.00	24.25 -0.24 0.00	23.53 -0.23 0.00	28.21 -0.24 0.00	37.54 -0.09 0.00	39.12 -0.14 0.00	30.44 -0.13 0.00	23.19 -0.12 0.00	15.64 -0.01 0.00	18.93 0.05 0.00	19.07 0.09 0.00	23.71 0.10 0.00	28.65 0.21 0.00	32.18 0.22 0.00	30.34 0.25 0.00	34.89 0.19 0.00	45.71 0.17 0.00	39.99 0.22 0.00	40.84 0.17 0.00	34.27 0.12 0.00	31.85 0.14 0.00	29.82 0.02 0.00

GOUDEY___7 23579	28.64 -0.28 0.00	23.25 -0.26 0.00	25.31 -0.29 0.00	24.25 -0.24 0.00	23.53 -0.23 0.00	28.21 -0.24 0.00	37.54 -0.09 0.00	39.12 -0.14 0.00	30.44 -0.13 0.00	23.19 -0.12 0.00	15.64 -0.01 0.00	18.93 0.05 0.00	19.07 0.09 0.00	23.71 0.10 0.00	28.65 0.21 0.00	32.18 0.22 0.00	30.34 0.25 0.00	34.89 0.19 0.00	45.71 0.17 0.00	39.99 0.22 0.00	40.84 0.17 0.00	34.27 0.12 0.00	31.85 0.14 0.00	29.82 0.02 0.00
GOUDEY___8 23580	28.64 -0.28 0.00	23.25 -0.26 0.00	25.31 -0.29 0.00	24.25 -0.24 0.00	23.53 -0.23 0.00	28.21 -0.24 0.00	37.54 -0.09 0.00	39.12 -0.14 0.00	30.44 -0.13 0.00	23.19 -0.12 0.00	15.64 -0.01 0.00	18.93 0.05 0.00	19.07 0.09 0.00	23.71 0.10 0.00	28.65 0.21 0.00	32.18 0.22 0.00	30.34 0.25 0.00	34.89 0.19 0.00	45.71 0.17 0.00	39.99 0.22 0.00	40.84 0.17 0.00	34.27 0.12 0.00	31.85 0.14 0.00	29.82 0.02 0.00
GOWANUS_GT1_1 24077	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.65 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.86 1.23 0.00	40.99 1.73 0.00	32.11 1.55 0.00	24.65 1.34 0.00	60.22 0.88 -43.68	29.47 1.05 -9.54	46.94 1.02 -26.95	35.52 1.33 -10.58	34.34 1.63 -4.27	33.93 1.96 0.00	34.37 1.91 -2.37	36.73 2.03 0.00	47.49 1.95 0.00	41.25 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT1_2 24078	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.65 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.86 1.23 0.00	40.99 1.73 0.00	32.11 1.55 0.00	24.65 1.34 0.00	60.22 0.88 -43.68	29.47 1.05 -9.54	46.94 1.02 -26.95	35.52 1.33 -10.58	34.34 1.63 -4.27	33.93 1.96 0.00	34.37 1.91 -2.37	36.73 2.03 0.00	47.49 1.95 0.00	41.25 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT1_3 24079	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.65 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.86 1.23 0.00	40.99 1.73 0.00	32.11 1.55 0.00	24.65 1.34 0.00	60.22 0.88 -43.68	29.47 1.05 -9.54	46.94 1.02 -26.95	35.52 1.33 -10.58	34.34 1.63 -4.27	33.93 1.96 0.00	34.37 1.91 -2.37	36.73 2.03 0.00	47.49 1.95 0.00	41.25 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT1_4 24080	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.65 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.86 1.23 0.00	40.99 1.73 0.00	32.11 1.55 0.00	24.65 1.34 0.00	60.22 0.88 -43.68	29.47 1.05 -9.54	46.94 1.02 -26.95	35.52 1.33 -10.58	34.34 1.63 -4.27	33.93 1.96 0.00	34.37 1.91 -2.37	36.73 2.03 0.00	47.49 1.95 0.00	41.25 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT1_5 24084	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.65 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.86 1.23 0.00	40.99 1.73 0.00	32.11 1.55 0.00	24.65 1.34 0.00	60.22 0.88 -43.68	29.47 1.05 -9.54	46.94 1.02 -26.95	35.52 1.33 -10.58	34.34 1.63 -4.27	33.93 1.96 0.00	34.37 1.91 -2.37	36.73 2.03 0.00	47.49 1.95 0.00	41.25 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT1_6 24111	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.65 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.86 1.23 0.00	40.99 1.73 0.00	32.11 1.55 0.00	24.65 1.34 0.00	60.22 0.88 -43.68	29.47 1.05 -9.54	46.94 1.02 -26.95	35.52 1.33 -10.58	34.34 1.63 -4.27	33.93 1.96 0.00	34.37 1.91 -2.37	36.73 2.03 0.00	47.49 1.95 0.00	41.25 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT1_7 24112	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.65 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.86 1.23 0.00	40.99 1.73 0.00	32.11 1.55 0.00	24.65 1.34 0.00	60.22 0.88 -43.68	29.47 1.05 -9.54	46.94 1.02 -26.95	35.52 1.33 -10.58	34.34 1.63 -4.27	33.93 1.96 0.00	34.37 1.91 -2.37	36.73 2.03 0.00	47.49 1.95 0.00	41.25 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT1_8 24113	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.65 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.86 1.23 0.00	40.99 1.73 0.00	32.11 1.55 0.00	24.65 1.34 0.00	60.22 0.88 -43.68	29.47 1.05 -9.54	46.94 1.02 -26.95	35.52 1.33 -10.58	34.34 1.63 -4.27	33.93 1.96 0.00	34.37 1.91 -2.37	36.73 2.03 0.00	47.49 1.95 0.00	41.25 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT2_1 24114	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.53 1.34 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT2_2 24115	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.53 1.34 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT2_3 24116	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.53 1.34 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT2_4 24117	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.53 1.34 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT2_5 24118	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.53 1.34 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00

GOWANUS_GT2_6 24119	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.53 1.34 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT2_7 24120	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.53 1.34 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT2_8 24121	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.53 1.34 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT3_1 24122	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.72 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT3_2 24123	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.72 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT3_3 24124	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.72 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT3_4 24125	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.72 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT3_5 24126	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.72 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT3_6 24127	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.72 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT3_7 24128	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.72 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT3_8 24129	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.72 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT4_1 24130	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.65 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.86 1.23 0.00	40.99 1.73 0.00	32.11 1.55 0.00	24.65 1.34 0.00	60.22 0.88 -43.68	29.47 1.05 -9.54	46.94 1.02 -26.95	35.51 1.32 -10.58	34.34 1.63 -4.27	33.93 1.96 0.00	34.37 1.91 -2.37	36.73 2.03 0.00	47.49 1.95 0.00	41.25 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT4_2 24131	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.65 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.86 1.23 0.00	40.99 1.73 0.00	32.11 1.55 0.00	24.65 1.34 0.00	60.22 0.88 -43.68	29.47 1.05 -9.54	46.94 1.02 -26.95	35.51 1.32 -10.58	34.34 1.63 -4.27	33.93 1.96 0.00	34.37 1.91 -2.37	36.73 2.03 0.00	47.49 1.95 0.00	41.25 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT4_3 24132	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.65 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.86 1.23 0.00	40.99 1.73 0.00	32.11 1.55 0.00	24.65 1.34 0.00	60.22 0.88 -43.68	29.47 1.05 -9.54	46.94 1.02 -26.95	35.51 1.32 -10.58	34.34 1.63 -4.27	33.93 1.96 0.00	34.37 1.91 -2.37	36.73 2.03 0.00	47.49 1.95 0.00	41.25 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT4_4 24133	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.65 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.86 1.23 0.00	40.99 1.73 0.00	32.11 1.55 0.00	24.65 1.34 0.00	60.22 0.88 -43.68	29.47 1.05 -9.54	46.94 1.02 -26.95	35.51 1.32 -10.58	34.34 1.63 -4.27	33.93 1.96 0.00	34.37 1.91 -2.37	36.73 2.03 0.00	47.49 1.95 0.00	41.25 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00

GOWANUS_GT4_5 24134	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.65 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.86 1.23 0.00	40.99 1.73 0.00	32.11 1.55 0.00	24.65 1.34 0.00	60.22 0.88 -43.68	29.47 1.05 -9.54	46.94 1.02 -26.95	35.51 1.32 -10.58	34.34 1.63 -4.27	33.93 1.96 0.00	34.37 1.91 -2.37	36.73 2.03 0.00	47.49 1.95 0.00	41.25 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT4_6 24135	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.65 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.86 1.23 0.00	40.99 1.73 0.00	32.11 1.55 0.00	24.65 1.34 0.00	60.22 0.88 -43.68	29.47 1.05 -9.54	46.94 1.02 -26.95	35.51 1.32 -10.58	34.34 1.63 -4.27	33.93 1.96 0.00	34.37 1.91 -2.37	36.73 2.03 0.00	47.49 1.95 0.00	41.25 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT4_7 24136	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.65 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.86 1.23 0.00	40.99 1.73 0.00	32.11 1.55 0.00	24.65 1.34 0.00	60.22 0.88 -43.68	29.47 1.05 -9.54	46.94 1.02 -26.95	35.51 1.32 -10.58	34.34 1.63 -4.27	33.93 1.96 0.00	34.37 1.91 -2.37	36.73 2.03 0.00	47.49 1.95 0.00	41.25 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GOWANUS_GT4_8 24137	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.65 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.86 1.23 0.00	40.99 1.73 0.00	32.11 1.55 0.00	24.65 1.34 0.00	60.22 0.88 -43.68	29.47 1.05 -9.54	46.94 1.02 -26.95	35.51 1.32 -10.58	34.34 1.63 -4.27	33.93 1.96 0.00	34.37 1.91 -2.37	36.73 2.03 0.00	47.49 1.95 0.00	41.25 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GREATVR_69_KV_BK1 356245	30.53 1.53 -0.09	24.55 1.04 0.00	26.59 1.00 0.00	25.45 0.96 0.00	24.74 0.98 0.00	29.63 1.18 0.00	39.33 1.70 0.00	41.69 2.43 0.00	32.57 2.01 0.00	24.98 1.68 0.00	60.45 1.10 -43.69	30.06 1.35 -9.83	47.21 1.25 -26.99	39.62 1.61 -14.40	37.29 2.18 -6.68	35.96 2.73 -1.27	35.02 2.57 -2.36	37.51 2.81 0.00	48.48 2.95 0.00	42.04 2.27 0.00	42.87 2.20 0.00	36.26 2.11 0.00	33.58 1.86 0.00	31.40 1.61 0.00
GREENBSH_115KV_TB3 55895	29.16 0.29 0.04	23.85 0.34 0.00	25.91 0.31 0.00	24.83 0.34 0.00	24.10 0.34 0.00	28.71 0.25 0.00	38.04 0.41 0.00	39.78 0.53 0.00	31.05 0.49 0.00	23.64 0.33 0.00	-10.58 0.05 26.29	20.66 0.02 -1.76	-1.64 0.04 20.66	15.49 -0.01 8.11	25.12 -0.04 3.28	31.95 -0.02 0.00	30.50 -0.04 -0.45	34.64 -0.06 0.00	45.43 -0.10 0.00	39.66 -0.11 0.00	40.55 -0.12 0.00	34.14 -0.01 0.00	31.69 -0.02 0.00	29.77 -0.03 0.00
GREENDGE_115KV_TB5 80291	28.56 -0.35 0.00	23.15 -0.37 0.00	25.19 -0.41 0.00	24.13 -0.36 0.00	23.44 -0.32 0.00	28.22 -0.22 0.00	37.44 -0.18 0.00	38.98 -0.28 0.00	30.34 -0.22 0.00	23.02 -0.29 0.00	15.52 -0.13 0.00	18.80 -0.09 0.00	19.00 0.03 0.00	23.61 0.00 0.00	28.59 0.15 0.00	32.08 0.11 0.00	30.16 0.07 0.00	34.69 -0.01 0.00	45.70 0.16 0.00	40.08 0.31 0.00	40.93 0.25 0.00	34.30 0.15 0.00	31.95 0.23 0.00	29.94 0.14 0.00
GREENIDGE___3 23582	28.56 -0.35 0.00	23.15 -0.37 0.00	25.19 -0.41 0.00	24.13 -0.36 0.00	23.44 -0.32 0.00	28.22 -0.22 0.00	37.44 -0.18 0.00	38.98 -0.28 0.00	30.34 -0.22 0.00	23.02 -0.29 0.00	15.52 -0.13 0.00	18.80 -0.09 0.00	19.00 0.03 0.00	23.61 0.00 0.00	28.59 0.15 0.00	32.08 0.11 0.00	30.16 0.07 0.00	34.69 -0.01 0.00	45.70 0.16 0.00	40.08 0.31 0.00	40.93 0.25 0.00	34.30 0.15 0.00	31.95 0.23 0.00	29.94 0.14 0.00
GREENIDGE___4 23583	28.56 -0.35 0.00	23.15 -0.37 0.00	25.19 -0.41 0.00	24.13 -0.36 0.00	23.44 -0.32 0.00	28.22 -0.22 0.00	37.47 -0.16 0.00	38.98 -0.28 0.00	30.34 -0.22 0.00	23.02 -0.29 0.00	15.52 -0.14 0.00	18.80 -0.09 0.00	18.99 0.01 0.00	23.60 -0.01 0.00	28.59 0.15 0.00	32.08 0.11 0.00	30.16 0.07 0.00	34.69 -0.01 0.00	45.70 0.16 0.00	40.08 0.31 0.00	40.93 0.26 0.00	34.30 0.15 0.00	31.95 0.23 0.00	29.94 0.14 0.00
GREENLWN_69_KV_BK 3 55738	30.13 1.13 -0.09	24.25 0.74 0.00	26.28 0.68 0.00	25.16 0.67 0.00	24.45 0.69 0.00	29.25 0.80 0.00	38.81 1.18 0.00	41.05 1.79 0.00	32.08 1.52 0.00	24.61 1.30 0.00	60.21 0.86 -43.69	29.75 1.08 -9.79	46.96 1.02 -26.97	38.91 1.26 -14.04	36.64 1.69 -6.51	35.35 2.12 -1.26	34.31 1.85 -2.36	36.73 2.03 0.00	47.49 1.96 0.00	41.19 1.42 0.00	42.02 1.35 0.00	35.56 1.41 0.00	33.01 1.29 0.00	30.94 1.14 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.65 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.86 1.23 0.00	40.99 1.73 0.00	32.11 1.55 0.00	24.65 1.34 0.00	60.22 0.88 -43.68	29.47 1.05 -9.54	46.94 1.02 -26.95	35.52 1.33 -10.58	34.34 1.63 -4.27	33.93 1.96 0.00	34.37 1.91 -2.37	36.73 2.03 0.00	47.49 1.95 0.00	41.25 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
GRISSOM___SOLAR 323813	29.97 1.10 0.03	24.37 0.85 0.00	26.52 0.92 0.00	25.36 0.87 0.00	24.61 0.85 0.00	29.54 1.09 0.00	39.28 1.65 0.00	40.85 1.59 0.00	31.13 0.56 0.00	23.24 -0.06 0.00	-3.52 0.01 19.19	20.01 -0.13 -1.26	3.76 -0.15 15.06	17.50 -0.19 5.91	25.89 -0.16 2.39	31.79 -0.17 0.00	30.28 -0.14 -0.32	35.00 0.30 0.00	47.09 1.56 0.00	41.85 2.09 0.00	42.82 2.15 0.00	35.89 1.74 0.00	33.26 1.54 0.00	31.14 1.35 0.00
GROVEVILLE___HYD 323602	29.84 0.88 -0.05	24.19 0.68 0.00	26.27 0.67 0.00	25.14 0.64 0.00	24.39 0.64 0.00	29.16 0.71 0.00	38.83 1.19 0.00	40.81 1.55 0.00	31.89 1.32 0.00	24.40 1.10 0.00	46.92 0.72 -30.55	21.26 0.86 -1.52	41.71 0.84 -21.90	33.28 1.07 -8.60	33.24 1.33 -3.47	33.63 1.66 0.00	32.09 1.63 -0.37	36.58 1.89 0.00	47.68 2.15 0.00	41.48 1.71 0.00	42.33 1.66 0.00	35.59 1.43 0.00	33.07 1.35 0.00	30.93 1.14 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.53 -0.38 0.00	23.18 -0.34 0.00	25.23 -0.37 0.00	24.14 -0.35 0.00	23.44 -0.32 0.00	28.12 -0.33 0.00	37.31 -0.32 0.00	38.91 -0.35 0.00	30.26 -0.30 0.00	23.03 -0.27 0.00	15.51 -0.15 0.00	18.73 -0.15 0.00	18.87 -0.11 0.00	23.48 -0.13 0.00	28.30 -0.14 0.00	31.75 -0.22 0.00	29.94 -0.15 0.00	34.59 -0.11 0.00	45.48 -0.06 0.00	39.74 -0.03 0.00	40.60 -0.07 0.00	34.05 -0.10 0.00	31.63 -0.08 0.00	29.65 -0.14 0.00
HAMLTNNY_34_KV_TB 80303	28.54 -0.37 0.00	23.18 -0.33 0.00	25.25 -0.35 0.00	24.17 -0.32 0.00	23.46 -0.30 0.00	28.17 -0.28 0.00	37.39 -0.24 0.00	39.00 -0.25 0.00	30.36 -0.20 0.00	23.12 -0.18 0.00	15.58 -0.07 0.00	18.85 -0.03 0.00	18.99 0.02 0.00	23.67 0.06 0.00	28.52 0.08 0.00	32.00 0.03 0.00	30.17 0.08 0.00	34.83 0.13 0.00	45.76 0.22 0.00	39.99 0.22 0.00	40.85 0.18 0.00	34.24 0.09 0.00	31.77 0.05 0.00	29.79 0.00 0.00

HAMPSHIRE___PAPER_HYD 323593	30.08 1.17 0.00	24.41 0.90 0.00	26.53 0.94 0.00	25.40 0.91 0.00	24.72 0.96 0.00	29.69 1.25 0.00	39.41 1.78 0.00	40.75 1.49 0.00	31.53 0.96 0.00	23.94 0.64 0.00	16.05 0.39 0.00	19.29 0.41 0.00	19.33 0.35 0.00	24.11 0.50 0.00	29.07 0.62 0.00	32.47 0.51 0.00	30.45 0.36 0.00	35.10 0.40 0.00	46.69 1.16 0.00	41.36 1.60 0.00	42.56 1.89 0.00	35.71 1.56 0.00	33.08 1.36 0.00	31.03 1.24 0.00
HARDSCRABBLE_WT_PWR 323673	29.31 0.40 0.00	23.91 0.39 0.00	25.98 0.38 0.00	24.89 0.40 0.00	24.19 0.43 0.00	28.91 0.46 0.00	38.40 0.76 0.00	40.10 0.84 0.00	30.93 0.37 0.00	23.25 -0.06 0.00	15.57 -0.09 0.00	18.70 -0.18 0.00	18.81 -0.16 0.00	23.29 -0.32 0.00	28.07 -0.37 0.00	31.61 -0.35 0.00	29.96 -0.13 0.00	34.84 0.14 0.00	46.15 0.62 0.00	40.64 0.88 0.00	41.54 0.87 0.00	34.93 0.78 0.00	32.37 0.65 0.00	30.30 0.51 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.67 0.71 -0.05	24.02 0.51 0.00	26.08 0.49 0.00	24.95 0.46 0.00	24.21 0.45 0.00	28.95 0.50 0.00	38.56 0.93 0.00	40.52 1.26 0.00	31.68 1.11 0.00	24.27 0.96 0.00	35.36 0.63 -19.07	8.23 0.75 11.40	40.71 0.76 -20.98	32.82 0.97 -8.24	32.97 1.21 -3.33	33.47 1.51 0.00	28.70 1.47 2.86	36.36 1.66 0.00	47.40 1.86 0.00	41.22 1.46 0.00	42.06 1.38 0.00	35.35 1.19 0.00	32.88 1.16 0.00	30.76 0.97 0.00
HARSNRAD_115KV_TB1 81005	28.05 -0.87 0.00	22.82 -0.70 0.00	24.95 -0.65 0.00	23.85 -0.65 0.00	23.14 -0.62 0.00	27.88 -0.57 0.00	36.80 -0.83 0.00	37.96 -1.29 0.00	29.73 -0.83 0.00	22.85 -0.45 0.00	15.55 -0.11 0.00	18.83 -0.05 0.00	19.08 0.11 0.00	23.63 0.02 0.00	28.61 0.17 0.00	31.77 -0.20 0.00	29.64 -0.45 0.00	33.85 -0.85 0.00	44.10 -1.43 0.00	38.44 -1.32 0.00	39.46 -1.21 0.00	33.20 -0.96 0.00	30.96 -0.76 0.00	29.24 -0.56 0.00
HARZA MOOSE___RIVER 24016	29.81 0.90 0.00	24.19 0.68 0.00	26.31 0.71 0.00	25.18 0.68 0.00	24.46 0.70 0.00	29.39 0.94 0.00	39.09 1.46 0.00	40.53 1.27 0.00	31.37 0.80 0.00	23.79 0.49 0.00	15.95 0.29 0.00	19.20 0.32 0.00	19.28 0.30 0.00	24.03 0.42 0.00	28.98 0.54 0.00	32.48 0.52 0.00	30.60 0.51 0.00	35.44 0.74 0.00	47.04 1.51 0.00	41.53 1.77 0.00	42.60 1.93 0.00	35.68 1.53 0.00	33.04 1.33 0.00	30.92 1.12 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.35 -0.56 0.00	23.04 -0.47 0.00	25.08 -0.52 0.00	24.00 -0.50 0.00	23.29 -0.47 0.00	27.93 -0.52 0.00	37.07 -0.56 0.00	38.66 -0.59 0.00	30.07 -0.49 0.00	22.91 -0.39 0.00	15.43 -0.23 0.00	18.65 -0.23 0.00	18.77 -0.21 0.00	23.36 -0.25 0.00	28.16 -0.28 0.00	31.58 -0.39 0.00	29.75 -0.34 0.00	34.35 -0.35 0.00	45.13 -0.40 0.00	39.39 -0.38 0.00	40.26 -0.42 0.00	33.77 -0.38 0.00	31.40 -0.31 0.00	29.44 -0.35 0.00
HELLGATE_13_KV_LD 55870	30.02 1.04 -0.06	24.26 0.75 0.00	26.34 0.74 0.00	25.21 0.72 0.00	24.47 0.71 0.00	29.28 0.83 0.00	38.99 1.36 0.00	41.18 1.92 0.00	32.27 1.70 0.00	24.80 1.49 0.00	60.33 1.00 -43.68	29.62 1.20 -9.54	47.09 1.17 -26.95	35.69 1.50 -10.58	34.55 1.84 -4.27	34.14 2.18 0.00	34.57 2.11 -2.37	36.99 2.29 0.00	47.85 2.32 0.00	41.54 1.78 0.00	42.40 1.72 0.00	35.76 1.60 0.00	33.29 1.58 0.00	31.09 1.30 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	30.02 1.04 -0.06	24.26 0.75 0.00	26.34 0.74 0.00	25.21 0.72 0.00	24.47 0.71 0.00	29.28 0.83 0.00	38.99 1.36 0.00	41.18 1.92 0.00	32.27 1.70 0.00	24.80 1.49 0.00	60.33 1.00 -43.68	29.62 1.20 -9.54	47.09 1.17 -26.95	35.69 1.50 -10.58	34.55 1.84 -4.27	34.14 2.18 0.00	34.57 2.11 -2.37	36.99 2.29 0.00	47.85 2.32 0.00	41.54 1.78 0.00	42.40 1.72 0.00	35.76 1.60 0.00	33.29 1.58 0.00	31.09 1.30 0.00
HEMPSTEAD___ 23647	30.19 1.08 -0.20	24.24 0.72 0.00	26.28 0.69 0.00	25.16 0.67 0.00	24.43 0.67 0.00	29.24 0.79 0.00	38.84 1.22 0.00	41.02 1.76 0.00	32.07 1.50 0.00	24.61 1.30 0.00	60.23 0.88 -43.69	30.98 1.08 -11.02	47.41 1.07 -27.36	50.77 1.30 -25.87	42.37 1.65 -12.29	35.79 1.99 -1.84	34.28 1.82 -2.36	36.68 1.98 0.00	47.57 2.03 0.00	41.30 1.53 0.00	42.13 1.46 0.00	35.61 1.46 0.00	33.11 1.39 0.00	31.02 1.23 0.00
HICKLING___1 23621	28.37 -0.54 0.00	22.98 -0.53 0.00	24.99 -0.61 0.00	23.97 -0.52 0.00	23.27 -0.49 0.00	28.00 -0.45 0.00	37.41 -0.22 0.00	39.04 -0.22 0.00	30.29 -0.27 0.00	23.04 -0.27 0.00	15.62 -0.04 0.00	18.96 0.08 0.00	19.19 0.21 0.00	23.80 0.19 0.00	28.87 0.44 0.00	32.36 0.39 0.00	30.51 0.42 0.00	34.98 0.29 0.00	45.98 0.45 0.00	40.28 0.51 0.00	41.09 0.42 0.00	34.37 0.22 0.00	31.92 0.21 0.00	29.92 0.13 0.00
HICKLING___2 23622	28.37 -0.54 0.00	22.98 -0.53 0.00	24.99 -0.61 0.00	23.97 -0.52 0.00	23.27 -0.49 0.00	28.00 -0.45 0.00	37.41 -0.22 0.00	39.04 -0.22 0.00	30.29 -0.27 0.00	23.04 -0.27 0.00	15.62 -0.04 0.00	18.96 0.08 0.00	19.19 0.21 0.00	23.80 0.19 0.00	28.87 0.44 0.00	32.36 0.39 0.00	30.51 0.42 0.00	34.98 0.29 0.00	45.98 0.45 0.00	40.28 0.51 0.00	41.09 0.42 0.00	34.37 0.22 0.00	31.92 0.21 0.00	29.92 0.13 0.00
HIGH FALLS___HY 23754	29.69 0.75 -0.03	24.04 0.53 0.00	26.11 0.51 0.00	24.96 0.47 0.00	24.22 0.46 0.00	28.98 0.53 0.00	38.62 0.98 0.00	40.60 1.34 0.00	31.69 1.13 0.00	24.20 0.90 0.00	33.91 0.56 -17.69	17.73 0.64 1.79	33.84 0.60 -14.26	29.85 0.63 -5.60	31.50 0.80 -2.26	33.03 1.07 0.00	30.81 1.17 0.46	36.11 1.41 0.00	47.20 1.66 0.00	41.13 1.37 0.00	42.01 1.33 0.00	35.47 1.32 0.00	32.96 1.24 0.00	30.82 1.03 0.00
HIGH_RIVER___SOLAR 323847	29.62 0.74 0.04	24.11 0.60 0.00	26.24 0.64 0.00	25.11 0.61 0.00	24.35 0.60 0.00	29.17 0.72 0.00	38.70 1.07 0.00	40.30 1.04 0.00	31.00 0.44 0.00	23.35 0.05 0.00	-4.93 0.02 20.61	20.24 -0.05 -1.41	2.71 -0.05 16.21	17.16 -0.08 6.37	25.77 -0.10 2.57	31.88 -0.08 0.00	30.47 0.02 -0.36	35.07 0.37 0.00	46.60 1.07 0.00	41.05 1.28 0.00	41.99 1.32 0.00	35.25 1.10 0.00	32.71 0.99 0.00	30.68 0.88 0.00
HILLBURN___GT 23639	29.61 0.65 -0.05	23.96 0.45 0.00	26.02 0.42 0.00	24.89 0.40 0.00	24.16 0.40 0.00	28.88 0.43 0.00	38.48 0.85 0.00	40.48 1.22 0.00	31.65 1.08 0.00	24.27 0.97 0.00	35.90 0.64 -19.60	7.04 0.76 12.60	41.83 0.77 -22.09	33.24 0.96 -8.67	33.11 1.17 -3.50	33.43 1.47 0.00	28.34 1.41 3.16	36.27 1.57 0.00	47.22 1.68 0.00	41.06 1.29 0.00	41.89 1.22 0.00	35.24 1.09 0.00	32.82 1.10 0.00	30.70 0.91 0.00
HILLSIDE_115KV_TB1 80332	28.04 -0.87 0.00	22.74 -0.78 0.00	24.72 -0.87 0.00	23.73 -0.76 0.00	23.03 -0.73 0.00	27.66 -0.78 0.00	36.90 -0.73 0.00	38.35 -0.90 0.00	29.82 -0.74 0.00	22.72 -0.58 0.00	15.40 -0.25 0.00	18.67 -0.21 0.00	18.84 -0.13 0.00	23.42 -0.19 0.00	28.38 -0.06 0.00	31.84 -0.12 0.00	30.01 -0.08 0.00	34.38 -0.32 0.00	44.98 -0.55 0.00	39.43 -0.34 0.00	40.24 -0.43 0.00	33.73 -0.42 0.00	31.38 -0.34 0.00	29.35 -0.44 0.00

HISHELDN_WT_PWR 323625	28.05 -0.86 0.00	22.74 -0.78 0.00	24.80 -0.79 0.00	23.74 -0.75 0.00	23.00 -0.76 0.00	27.70 -0.75 0.00	36.77 -0.86 0.00	38.01 -1.25 0.00	29.68 -0.88 0.00	22.76 -0.54 0.00	15.49 -0.17 0.00	18.80 -0.08 0.00	19.03 0.06 0.00	23.53 -0.08 0.00	28.55 0.11 0.00	31.85 -0.11 0.00	29.86 -0.23 0.00	34.11 -0.59 0.00	44.64 -0.89 0.00	39.03 -0.74 0.00	39.80 -0.87 0.00	33.44 -0.71 0.00	31.12 -0.59 0.00	29.35 -0.44 0.00
HOLTSVILLE_IC_1 23690	30.08 1.08 -0.08	24.22 0.71 0.00	26.23 0.63 0.00	25.11 0.62 0.00	24.41 0.65 0.00	29.22 0.77 0.00	38.77 1.13 0.00	41.09 1.84 0.00	32.11 1.54 0.00	24.63 1.32 0.00	60.21 0.87 -43.69	29.64 1.03 -9.73	46.88 0.95 -26.95	38.21 1.16 -13.44	36.28 1.63 -6.21	35.30 2.11 -1.23	34.39 1.94 -2.36	36.75 2.05 0.00	47.46 1.93 0.00	41.19 1.43 0.00	42.04 1.36 0.00	35.61 1.46 0.00	33.00 1.28 0.00	30.88 1.09 0.00
HOLTSVILLE_IC_10 23699	30.17 1.18 -0.08	24.30 0.79 0.00	26.30 0.70 0.00	25.19 0.69 0.00	24.49 0.72 0.00	29.30 0.86 0.00	38.90 1.27 0.00	41.25 1.99 0.00	32.24 1.67 0.00	24.73 1.42 0.00	60.28 0.93 -43.69	29.74 1.11 -9.75	46.97 1.03 -26.96	38.56 1.29 -13.66	36.55 1.80 -6.32	35.51 2.31 -1.24	34.60 2.15 -2.36	37.01 2.32 0.00	47.79 2.25 0.00	41.47 1.70 0.00	42.31 1.64 0.00	35.82 1.66 0.00	33.16 1.45 0.00	31.02 1.22 0.00
HOLTSVILLE_IC_2 23691	30.08 1.08 -0.08	24.22 0.71 0.00	26.23 0.63 0.00	25.11 0.62 0.00	24.41 0.65 0.00	29.22 0.77 0.00	38.77 1.13 0.00	41.09 1.84 0.00	32.11 1.54 0.00	24.63 1.32 0.00	60.21 0.87 -43.69	29.64 1.03 -9.73	46.88 0.95 -26.95	38.21 1.16 -13.44	36.28 1.63 -6.21	35.30 2.11 -1.23	34.39 1.94 -2.36	36.75 2.05 0.00	47.46 1.93 0.00	41.19 1.43 0.00	42.04 1.36 0.00	35.61 1.46 0.00	33.00 1.28 0.00	30.88 1.09 0.00
HOLTSVILLE_IC_3 23692	30.08 1.08 -0.08	24.22 0.71 0.00	26.23 0.63 0.00	25.11 0.62 0.00	24.41 0.65 0.00	29.22 0.77 0.00	38.77 1.13 0.00	41.09 1.84 0.00	32.11 1.54 0.00	24.63 1.32 0.00	60.21 0.87 -43.69	29.64 1.03 -9.73	46.88 0.95 -26.95	38.21 1.16 -13.44	36.28 1.63 -6.21	35.30 2.11 -1.23	34.39 1.94 -2.36	36.75 2.05 0.00	47.46 1.93 0.00	41.19 1.43 0.00	42.04 1.36 0.00	35.61 1.46 0.00	33.00 1.28 0.00	30.88 1.09 0.00
HOLTSVILLE_IC_4 23693	30.08 1.08 -0.08	24.22 0.71 0.00	26.23 0.63 0.00	25.11 0.62 0.00	24.41 0.65 0.00	29.22 0.77 0.00	38.77 1.13 0.00	41.09 1.84 0.00	32.11 1.54 0.00	24.63 1.32 0.00	60.21 0.87 -43.69	29.64 1.03 -9.73	46.88 0.95 -26.95	38.21 1.16 -13.44	36.28 1.63 -6.21	35.30 2.11 -1.23	34.39 1.94 -2.36	36.75 2.05 0.00	47.46 1.93 0.00	41.19 1.43 0.00	42.04 1.36 0.00	35.61 1.46 0.00	33.00 1.28 0.00	30.88 1.09 0.00
HOLTSVILLE_IC_5 23694	30.08 1.08 -0.08	24.22 0.71 0.00	26.23 0.63 0.00	25.11 0.62 0.00	24.41 0.65 0.00	29.22 0.77 0.00	38.77 1.13 0.00	41.09 1.84 0.00	32.11 1.54 0.00	24.63 1.32 0.00	60.21 0.87 -43.69	29.64 1.03 -9.73	46.88 0.95 -26.95	38.21 1.16 -13.44	36.28 1.63 -6.21	35.30 2.11 -1.23	34.39 1.94 -2.36	36.75 2.05 0.00	47.46 1.93 0.00	41.19 1.43 0.00	42.04 1.36 0.00	35.61 1.46 0.00	33.00 1.28 0.00	30.88 1.09 0.00
HOLTSVILLE_IC_6 23695	30.17 1.18 -0.08	24.30 0.79 0.00	26.30 0.70 0.00	25.19 0.69 0.00	24.49 0.72 0.00	29.30 0.86 0.00	38.90 1.27 0.00	41.25 1.99 0.00	32.24 1.67 0.00	24.73 1.42 0.00	60.28 0.93 -43.69	29.74 1.11 -9.75	46.97 1.03 -26.96	38.56 1.29 -13.66	36.55 1.80 -6.32	35.51 2.31 -1.24	34.60 2.15 -2.36	37.01 2.32 0.00	47.79 2.25 0.00	41.47 1.70 0.00	42.31 1.64 0.00	35.82 1.66 0.00	33.16 1.45 0.00	31.02 1.22 0.00
HOLTSVILLE_IC_7 23696	30.17 1.18 -0.08	24.30 0.79 0.00	26.30 0.70 0.00	25.19 0.69 0.00	24.49 0.72 0.00	29.30 0.86 0.00	38.90 1.27 0.00	41.25 1.99 0.00	32.24 1.67 0.00	24.73 1.42 0.00	60.28 0.93 -43.69	29.74 1.11 -9.75	46.97 1.03 -26.96	38.56 1.29 -13.66	36.55 1.80 -6.32	35.51 2.31 -1.24	34.60 2.15 -2.36	37.01 2.32 0.00	47.79 2.25 0.00	41.47 1.70 0.00	42.31 1.64 0.00	35.82 1.66 0.00	33.16 1.45 0.00	31.02 1.22 0.00
HOLTSVILLE_IC_8 23697	30.17 1.18 -0.08	24.30 0.79 0.00	26.30 0.70 0.00	25.19 0.69 0.00	24.49 0.72 0.00	29.30 0.86 0.00	38.90 1.27 0.00	41.25 1.99 0.00	32.24 1.67 0.00	24.73 1.42 0.00	60.28 0.93 -43.69	29.74 1.11 -9.75	46.97 1.03 -26.96	38.56 1.29 -13.66	36.55 1.80 -6.32	35.51 2.31 -1.24	34.60 2.15 -2.36	37.01 2.32 0.00	47.79 2.25 0.00	41.47 1.70 0.00	42.31 1.64 0.00	35.82 1.66 0.00	33.16 1.45 0.00	31.02 1.22 0.00
HOLTSVILLE_IC_9 23698	30.17 1.18 -0.08	24.30 0.79 0.00	26.30 0.70 0.00	25.19 0.69 0.00	24.49 0.72 0.00	29.30 0.86 0.00	38.90 1.27 0.00	41.25 1.99 0.00	32.24 1.67 0.00	24.73 1.42 0.00	60.28 0.93 -43.69	29.74 1.11 -9.75	46.97 1.03 -26.96	38.56 1.29 -13.66	36.55 1.80 -6.32	35.51 2.31 -1.24	34.60 2.15 -2.36	37.01 2.32 0.00	47.79 2.25 0.00	41.47 1.70 0.00	42.31 1.64 0.00	35.82 1.66 0.00	33.16 1.45 0.00	31.02 1.22 0.00
HOMER_HL_115KV_TB2 355744	27.90 -1.02 0.00	22.66 -0.86 0.00	24.74 -0.86 0.00	23.68 -0.81 0.00	23.04 -0.72 0.00	27.68 -0.77 0.00	37.05 -0.58 0.00	38.57 -0.69 0.00	30.01 -0.55 0.00	23.04 -0.27 0.00	15.65 0.00 0.00	19.04 0.16 0.00	19.27 0.30 0.00	23.83 0.22 0.00	28.85 0.41 0.00	32.25 0.28 0.00	30.23 0.14 0.00	34.48 -0.22 0.00	44.93 -0.61 0.00	39.41 -0.36 0.00	40.36 -0.32 0.00	33.79 -0.36 0.00	31.51 -0.21 0.00	29.46 -0.34 0.00
HOWARD_WT_PWR 323690	28.25 -0.66 0.00	22.80 -0.72 0.00	24.72 -0.87 0.00	23.67 -0.82 0.00	23.11 -0.65 0.00	27.90 -0.55 0.00	37.45 -0.18 0.00	38.81 -0.45 0.00	30.09 -0.48 0.00	22.88 -0.43 0.00	15.50 -0.15 0.00	18.82 -0.06 0.00	19.09 0.12 0.00	23.58 -0.03 0.00	28.69 0.26 0.00	32.07 0.11 0.00	30.24 0.15 0.00	34.56 -0.14 0.00	45.67 0.14 0.00	40.17 0.40 0.00	41.04 0.36 0.00	34.15 -0.01 0.00	31.81 0.09 0.00	29.93 0.13 0.00
HQ_GEN_CEDARS 23644	29.85 0.94 0.00	24.26 0.75 0.00	26.41 0.82 0.00	25.27 0.78 0.00	24.55 0.79 0.00	29.43 0.99 0.00	38.86 1.23 0.00	40.18 0.92 0.00	31.20 0.64 0.00	23.80 0.49 0.00	15.98 0.33 0.00	19.26 0.38 0.00	19.34 0.36 0.00	24.10 0.49 0.00	29.04 0.60 0.00	32.53 0.56 0.00	30.54 0.45 0.00	35.14 0.44 0.00	46.29 0.76 0.00	40.62 0.85 0.00	41.68 1.01 0.00	34.92 0.77 0.00	32.33 0.62 0.00	30.46 0.67 0.00
HQ_GEN_CEDARS_PROXY 323590	29.85 0.94 0.00	24.26 0.75 0.00	26.41 0.82 0.00	25.27 0.78 0.00	24.55 0.79 0.00	29.43 0.99 0.00	38.86 1.23 0.00	40.18 0.92 0.00	31.20 0.64 0.00	23.80 0.50 0.00	15.98 0.33 0.00	19.26 0.38 0.00	19.33 0.36 0.00	24.10 0.49 0.00	29.04 0.60 0.00	32.53 0.56 0.00	30.54 0.45 0.00	35.14 0.44 0.00	46.29 0.75 0.00	40.61 0.85 0.00	41.68 1.01 0.00	34.92 0.77 0.00	32.33 0.61 0.00	30.46 0.67 0.00

HQ_GEN_IMPORT 323601	29.24 0.33 0.00	23.77 0.26 0.00	25.88 0.29 0.00	24.77 0.27 0.00	24.02 0.26 0.00	28.78 0.33 0.00	37.94 0.31 0.00	40.12 0.24 -0.62	30.72 0.15 0.00	23.44 0.14 0.00	15.75 0.09 0.00	18.99 0.11 0.00	19.07 0.10 0.00	23.75 0.14 0.00	28.61 0.17 0.00	32.13 0.16 0.00	30.23 0.14 0.00	34.82 0.13 0.00	45.76 0.23 0.00	40.00 0.23 0.00	41.76 0.28 -0.81	34.33 0.18 0.00	31.83 0.11 0.00	29.95 0.15 0.00
HQ_GEN_WHEEL 23651	29.24 0.33 0.00	23.77 0.26 0.00	25.88 0.29 0.00	24.77 0.27 0.00	24.02 0.26 0.00	28.78 0.33 0.00	37.94 0.31 0.00	40.12 0.24 -0.62	30.72 0.15 0.00	23.44 0.14 0.00	15.75 0.09 0.00	18.99 0.11 0.00	19.07 0.10 0.00	23.75 0.14 0.00	28.61 0.17 0.00	32.13 0.16 0.00	30.23 0.14 0.00	34.82 0.13 0.00	45.76 0.23 0.00	40.00 0.23 0.00	41.76 0.28 -0.81	34.33 0.18 0.00	31.83 0.11 0.00	29.95 0.15 0.00
HUDSON AVE_GT_3 23810	29.90 0.93 -0.06	24.18 0.67 0.00	26.25 0.65 0.00	25.12 0.63 0.00	24.39 0.63 0.00	29.16 0.71 0.00	38.88 1.24 0.00	40.94 1.68 0.00	32.10 1.53 0.00	24.68 1.37 0.00	60.24 0.91 -43.68	29.52 1.09 -9.55	46.98 1.07 -26.94	35.54 1.35 -10.58	34.36 1.65 -4.27	33.97 2.01 0.00	34.37 1.91 -2.37	36.80 2.10 0.00	47.69 2.15 0.00	41.40 1.63 0.00	42.26 1.59 0.00	35.61 1.46 0.00	33.15 1.43 0.00	30.99 1.20 0.00
HUDSON AVE_GT_4 23540	29.90 0.93 -0.06	24.18 0.67 0.00	26.25 0.65 0.00	25.12 0.63 0.00	24.39 0.63 0.00	29.16 0.71 0.00	38.88 1.24 0.00	40.94 1.68 0.00	32.10 1.53 0.00	24.68 1.37 0.00	60.24 0.91 -43.68	29.52 1.09 -9.55	46.98 1.07 -26.94	35.54 1.35 -10.58	34.36 1.65 -4.27	33.97 2.01 0.00	34.37 1.91 -2.37	36.80 2.10 0.00	47.69 2.15 0.00	41.40 1.63 0.00	42.26 1.59 0.00	35.61 1.46 0.00	33.15 1.43 0.00	30.99 1.20 0.00
HUDSON AVE_GT_5 23657	29.90 0.93 -0.06	24.18 0.67 0.00	26.25 0.65 0.00	25.12 0.63 0.00	24.39 0.63 0.00	29.16 0.71 0.00	38.88 1.24 0.00	40.94 1.68 0.00	32.10 1.53 0.00	24.68 1.37 0.00	60.24 0.91 -43.68	29.52 1.09 -9.55	46.98 1.07 -26.94	35.54 1.35 -10.58	34.36 1.65 -4.27	33.97 2.01 0.00	34.37 1.91 -2.37	36.80 2.10 0.00	47.69 2.15 0.00	41.40 1.63 0.00	42.26 1.59 0.00	35.61 1.46 0.00	33.15 1.43 0.00	30.99 1.20 0.00
HUDSON_AVE_10 24168	29.75 0.78 -0.06	24.06 0.55 0.00	26.14 0.54 0.00	25.01 0.51 0.00	24.28 0.52 0.00	29.03 0.58 0.00	38.67 1.05 0.01	40.70 1.45 0.01	31.92 1.35 0.00	24.54 1.24 0.00	60.15 0.82 -43.68	29.41 0.97 -9.55	46.87 0.96 -26.94	35.39 1.20 -10.57	34.19 1.48 -4.27	33.76 1.80 0.00	34.19 1.73 -2.37	36.59 1.90 0.00	47.41 1.88 0.00	41.16 1.39 0.00	42.00 1.33 0.01	35.39 1.25 0.01	32.98 1.26 0.00	30.81 1.02 0.01
HUDSON___115KV_TB 4 355613	29.64 0.76 0.03	24.21 0.69 0.00	26.30 0.70 0.00	25.19 0.69 0.00	24.46 0.70 0.00	29.18 0.73 0.00	38.71 1.08 0.00	40.35 1.09 0.00	31.35 0.78 0.00	23.73 0.43 0.00	-6.77 0.13 22.55	20.70 0.11 -1.71	1.25 0.12 17.84	16.70 0.10 7.01	25.71 0.10 2.83	32.13 0.17 0.00	30.66 0.14 -0.44	34.92 0.23 0.00	46.12 0.58 0.00	40.46 0.70 0.00	41.39 0.72 0.00	34.80 0.64 0.00	32.25 0.54 0.00	30.26 0.46 0.00
HUNTER MOUNT___DRP 323613	29.74 0.85 0.02	24.28 0.77 0.00	26.40 0.80 0.00	25.28 0.78 0.00	24.54 0.78 0.00	29.29 0.84 0.00	38.95 1.32 0.00	40.95 1.70 0.00	31.78 1.22 0.00	23.94 0.64 0.00	15.93 0.27 0.00	19.18 0.30 0.00	19.31 0.34 0.00	23.99 0.38 0.00	28.87 0.43 0.00	32.50 0.53 0.00	30.62 0.53 0.00	35.53 0.83 0.00	47.04 1.51 0.00	41.30 1.53 0.00	42.27 1.60 0.00	35.44 1.28 0.00	32.75 1.03 0.00	30.69 0.89 0.00
HUNTINGTON_RES_REC 323705	30.14 1.15 -0.08	24.27 0.75 0.00	26.27 0.67 0.00	25.16 0.66 0.00	24.45 0.69 0.00	29.27 0.82 0.00	38.84 1.21 0.00	41.13 1.87 0.00	32.14 1.57 0.00	24.65 1.34 0.00	60.24 0.89 -43.69	29.72 1.08 -9.75	46.98 1.05 -26.96	38.58 1.28 -13.69	36.55 1.77 -6.34	35.46 2.25 -1.25	34.46 2.01 -2.36	36.89 2.20 0.00	47.64 2.11 0.00	41.33 1.56 0.00	42.18 1.51 0.00	35.68 1.53 0.00	33.08 1.37 0.00	30.96 1.17 0.00
HUNTLEY___63 23557	28.19 -0.72 0.00	22.94 -0.57 0.00	25.08 -0.52 0.00	23.97 -0.52 0.00	23.26 -0.50 0.00	28.03 -0.42 0.00	37.05 -0.59 0.00	38.21 -1.04 0.00	29.97 -0.60 0.00	23.05 -0.26 0.00	15.70 0.04 0.00	19.02 0.14 0.00	19.28 0.31 0.00	23.88 0.27 0.00	28.91 0.47 0.00	32.18 0.21 0.00	30.01 -0.08 0.00	34.23 -0.47 0.00	44.58 -0.96 0.00	38.83 -0.94 0.00	39.82 -0.85 0.00	33.46 -0.69 0.00	31.21 -0.50 0.00	29.50 -0.30 0.00
HUNTLEY___64 23558	28.19 -0.72 0.00	22.94 -0.57 0.00	25.08 -0.52 0.00	23.97 -0.52 0.00	23.26 -0.50 0.00	28.03 -0.42 0.00	37.05 -0.59 0.00	38.21 -1.04 0.00	29.97 -0.60 0.00	23.05 -0.26 0.00	15.70 0.04 0.00	19.02 0.14 0.00	19.28 0.31 0.00	23.88 0.27 0.00	28.91 0.47 0.00	32.18 0.21 0.00	30.01 -0.08 0.00	34.23 -0.47 0.00	44.58 -0.96 0.00	38.83 -0.94 0.00	39.82 -0.85 0.00	33.46 -0.69 0.00	31.21 -0.50 0.00	29.50 -0.30 0.00
HUNTLEY___65 23559	28.19 -0.72 0.00	22.94 -0.57 0.00	25.08 -0.52 0.00	23.97 -0.52 0.00	23.26 -0.50 0.00	28.03 -0.42 0.00	37.05 -0.59 0.00	38.21 -1.04 0.00	29.97 -0.60 0.00	23.05 -0.26 0.00	15.70 0.04 0.00	19.02 0.14 0.00	19.28 0.31 0.00	23.88 0.27 0.00	28.91 0.47 0.00	32.18 0.21 0.00	30.01 -0.08 0.00	34.23 -0.47 0.00	44.58 -0.96 0.00	38.83 -0.94 0.00	39.82 -0.85 0.00	33.46 -0.69 0.00	31.21 -0.50 0.00	29.50 -0.30 0.00
HUNTLEY___66 23560	28.19 -0.72 0.00	22.94 -0.57 0.00	25.08 -0.52 0.00	23.97 -0.52 0.00	23.26 -0.50 0.00	28.03 -0.42 0.00	37.05 -0.59 0.00	38.21 -1.04 0.00	29.97 -0.60 0.00	23.05 -0.26 0.00	15.70 0.04 0.00	19.02 0.14 0.00	19.28 0.31 0.00	23.88 0.27 0.00	28.91 0.47 0.00	32.18 0.21 0.00	30.01 -0.08 0.00	34.23 -0.47 0.00	44.58 -0.96 0.00	38.83 -0.94 0.00	39.82 -0.85 0.00	33.46 -0.69 0.00	31.21 -0.50 0.00	29.50 -0.30 0.00
HUNTLEY___67 23561	27.99 -0.93 0.00	22.77 -0.74 0.00	24.90 -0.70 0.00	23.80 -0.69 0.00	23.09 -0.67 0.00	27.80 -0.64 0.00	36.76 -0.88 0.00	37.92 -1.33 0.00	29.71 -0.86 0.00	22.85 -0.45 0.00	15.56 -0.09 0.00	18.86 -0.02 0.00	19.09 0.12 0.00	23.65 0.03 0.00	28.60 0.16 0.00	31.83 -0.13 0.00	29.75 -0.34 0.00	33.95 -0.75 0.00	44.23 -1.31 0.00	38.57 -1.20 0.00	39.56 -1.11 0.00	33.23 -0.92 0.00	30.99 -0.73 0.00	29.24 -0.55 0.00
HUNTLEY___68 23562	27.99 -0.93 0.00	22.77 -0.74 0.00	24.90 -0.70 0.00	23.80 -0.69 0.00	23.09 -0.67 0.00	27.80 -0.64 0.00	36.76 -0.88 0.00	37.92 -1.33 0.00	29.71 -0.86 0.00	22.85 -0.45 0.00	15.56 -0.09 0.00	18.86 -0.02 0.00	19.09 0.12 0.00	23.65 0.03 0.00	28.60 0.16 0.00	31.83 -0.13 0.00	29.75 -0.34 0.00	33.95 -0.75 0.00	44.23 -1.31 0.00	38.57 -1.20 0.00	39.56 -1.11 0.00	33.23 -0.92 0.00	30.99 -0.73 0.00	29.24 -0.55 0.00



HYLAND___LFGE 323620	29.60 0.69 0.00	23.95 0.44 0.00	26.06 0.46 0.00	24.94 0.45 0.00	24.24 0.48 0.00	29.28 0.84 0.00	39.16 1.54 0.00	40.73 1.47 0.00	31.15 0.58 0.00	23.42 0.12 0.00	15.85 0.19 0.00	19.25 0.37 0.00	19.54 0.57 0.00	24.22 0.61 0.00	29.30 0.86 0.00	32.79 0.83 0.00	30.97 0.88 0.00	35.61 0.91 0.00	47.65 2.11 0.00	42.14 2.37 0.00	43.13 2.46 0.00	35.98 1.83 0.00	33.24 1.52 0.00	31.16 1.37 0.00
INDECK___CORINTH 23802	30.48 1.61 0.05	24.86 1.35 0.00	27.01 1.41 0.00	25.86 1.37 0.00	25.14 1.38 0.00	30.07 1.62 0.00	39.88 2.24 0.00	41.70 2.44 0.00	32.41 1.85 0.00	24.49 1.18 0.00	-11.46 0.74 27.86	21.36 0.88 -1.60	-1.97 0.79 21.74	15.85 0.77 8.53	25.65 0.65 3.45	32.60 0.64 0.00	31.09 0.58 -0.41	35.62 0.92 0.00	47.01 1.48 0.00	41.27 1.51 0.00	42.22 1.54 0.00	35.54 1.38 0.00	33.00 1.29 0.00	30.89 1.10 0.00
INDECK___ILION 23567	29.13 0.21 0.00	23.72 0.21 0.00	25.80 0.20 0.00	24.70 0.21 0.00	23.99 0.23 0.00	28.69 0.24 0.00	38.05 0.42 0.00	39.72 0.47 0.00	30.78 0.21 0.00	23.29 -0.02 0.00	15.61 -0.04 0.00	18.79 -0.09 0.00	18.90 -0.07 0.00	23.45 -0.16 0.00	28.26 -0.18 0.00	31.80 -0.16 0.00	30.05 -0.04 0.00	34.82 0.12 0.00	45.92 0.39 0.00	40.27 0.51 0.00	41.16 0.49 0.00	34.61 0.45 0.00	32.10 0.38 0.00	30.08 0.28 0.00
INDECK___OLEAN 23982	27.90 -1.02 0.00	22.66 -0.86 0.00	24.74 -0.86 0.00	23.68 -0.81 0.00	23.04 -0.72 0.00	27.68 -0.77 0.00	37.06 -0.57 0.00	38.57 -0.69 0.00	30.01 -0.55 0.00	23.03 -0.27 0.00	15.65 -0.01 0.00	19.04 0.16 0.00	19.23 0.26 0.00	23.81 0.20 0.00	28.84 0.41 0.00	32.25 0.29 0.00	30.23 0.14 0.00	34.48 -0.22 0.00	44.93 -0.61 0.00	39.40 -0.36 0.00	40.35 -0.32 0.00	33.79 -0.36 0.00	31.50 -0.21 0.00	29.46 -0.34 0.00
INDECK___OSWEGO 23783	28.13 -0.78 0.00	22.86 -0.65 0.00	24.88 -0.72 0.00	23.80 -0.69 0.00	23.10 -0.67 0.00	27.70 -0.75 0.00	36.75 -0.88 0.00	38.35 -0.91 0.00	29.85 -0.72 0.00	22.72 -0.58 0.00	15.28 -0.37 0.00	18.45 -0.43 0.00	18.54 -0.43 0.00	23.08 -0.53 0.00	27.78 -0.66 0.00	31.06 -0.90 0.00	29.15 -0.94 0.00	33.63 -1.07 0.00	44.26 -1.28 0.00	38.70 -1.07 0.00	39.58 -1.09 0.00	33.27 -0.88 0.00	31.07 -0.65 0.00	29.22 -0.58 0.00
INDECK___YERKES 23781	28.22 -0.69 0.00	22.97 -0.54 0.00	25.10 -0.49 0.00	23.99 -0.50 0.00	23.28 -0.48 0.00	28.05 -0.39 0.00	37.10 -0.53 0.00	38.26 -1.00 0.00	30.00 -0.57 0.00	23.07 -0.24 0.00	15.71 0.05 0.00	19.05 0.17 0.00	19.27 0.30 0.00	23.89 0.28 0.00	28.95 0.51 0.00	32.22 0.25 0.00	30.05 -0.04 0.00	34.27 -0.42 0.00	44.65 -0.89 0.00	38.87 -0.89 0.00	39.87 -0.80 0.00	33.50 -0.65 0.00	31.25 -0.46 0.00	29.53 -0.27 0.00
INDIAN POINT_GT_1 24139	29.62 0.65 -0.06	23.98 0.47 0.00	26.04 0.44 0.00	24.91 0.42 0.00	24.18 0.42 0.00	28.90 0.46 0.00	38.50 0.87 0.00	40.49 1.24 0.00	31.68 1.12 0.00	24.30 0.99 0.00	59.06 0.65 -42.76	30.08 0.77 -10.42	45.47 0.76 -25.74	34.67 0.95 -10.10	33.70 1.18 -4.08	33.44 1.48 0.00	34.10 1.42 -2.59	36.26 1.56 0.00	47.17 1.64 0.00	41.01 1.24 0.00	41.87 1.20 0.00	35.24 1.09 0.00	32.81 1.09 0.00	30.70 0.90 0.00
INDIAN POINT_GT_2 23659	29.62 0.65 -0.06	23.98 0.47 0.00	26.04 0.44 0.00	24.91 0.42 0.00	24.18 0.42 0.00	28.90 0.46 0.00	38.50 0.87 0.00	40.49 1.24 0.00	31.68 1.12 0.00	24.30 0.99 0.00	59.06 0.65 -42.76	30.08 0.77 -10.42	45.47 0.76 -25.74	34.67 0.95 -10.10	33.70 1.18 -4.08	33.44 1.48 0.00	34.10 1.42 -2.59	36.26 1.56 0.00	47.17 1.64 0.00	41.01 1.24 0.00	41.87 1.20 0.00	35.24 1.09 0.00	32.81 1.09 0.00	30.70 0.90 0.00
INDIAN POINT_GT_3 24019	29.62 0.65 -0.06	23.98 0.47 0.00	26.04 0.44 0.00	24.91 0.42 0.00	24.18 0.42 0.00	28.90 0.46 0.00	38.50 0.87 0.00	40.49 1.24 0.00	31.68 1.12 0.00	24.30 0.99 0.00	59.06 0.65 -42.76	30.08 0.77 -10.42	45.47 0.76 -25.74	34.67 0.95 -10.10	33.70 1.18 -4.08	33.44 1.48 0.00	34.10 1.42 -2.59	36.26 1.56 0.00	47.17 1.64 0.00	41.01 1.24 0.00	41.87 1.20 0.00	35.24 1.09 0.00	32.81 1.09 0.00	30.70 0.90 0.00
INDIAN POINT___2 23530	29.59 0.63 -0.05	23.95 0.44 0.00	26.01 0.41 0.00	24.89 0.39 0.00	24.15 0.39 0.00	28.87 0.42 0.00	38.45 0.82 0.00	40.45 1.19 0.00	31.64 1.07 0.00	24.27 0.96 0.00	59.15 0.63 -42.86	32.51 0.75 -12.88	44.09 0.75 -24.36	34.11 0.94 -9.56	33.44 1.14 -3.86	33.39 1.42 0.00	34.66 1.37 -3.21	36.21 1.51 0.00	47.12 1.58 0.00	40.96 1.19 0.00	41.81 1.14 0.00	35.20 1.05 0.00	32.77 1.05 0.00	30.67 0.87 0.00
INDIAN POINT___3 23531	29.61 0.64 -0.06	23.97 0.46 0.00	26.02 0.43 0.00	24.90 0.41 0.00	24.17 0.41 0.00	28.88 0.44 0.00	38.48 0.85 0.00	40.46 1.21 0.00	31.65 1.09 0.00	24.28 0.97 0.00	59.22 0.64 -42.92	30.25 0.76 -10.61	45.47 0.74 -25.75	34.66 0.94 -10.11	33.67 1.15 -4.08	33.41 1.44 0.00	34.11 1.39 -2.64	36.23 1.53 0.00	47.13 1.60 0.00	40.98 1.21 0.00	41.83 1.16 0.00	35.21 1.05 0.00	32.78 1.06 0.00	30.68 0.89 0.00
INGHAM_C_115KV_TB7 356103	29.37 0.46 0.00	23.97 0.46 0.00	26.03 0.43 0.00	24.95 0.46 0.00	24.27 0.51 0.00	28.98 0.53 0.00	38.52 0.89 0.00	40.23 0.98 0.00	30.95 0.38 0.00	23.18 -0.13 0.00	15.51 -0.14 0.00	18.60 -0.28 0.00	18.72 -0.25 0.00	23.13 -0.48 0.00	27.90 -0.54 0.00	31.41 -0.55 0.00	29.83 -0.26 0.00	34.77 0.07 0.00	46.16 0.62 0.00	40.74 0.98 0.00	41.65 0.97 0.00	35.05 0.90 0.00	32.47 0.76 0.00	30.37 0.58 0.00
IP CORINTH___1 23988	30.48 1.62 0.05	24.86 1.35 0.00	27.01 1.41 0.00	25.86 1.37 0.00	25.14 1.38 0.00	30.07 1.62 0.00	39.88 2.24 0.00	41.70 2.44 0.00	32.41 1.85 0.00	24.49 1.18 0.00	-11.45 0.74 27.86	21.37 0.88 -1.60	-1.95 0.81 21.74	15.91 0.83 8.53	25.75 0.76 3.45	32.77 0.81 0.00	31.27 0.76 -0.41	35.81 1.11 0.00	47.27 1.73 0.00	41.50 1.73 0.00	42.45 1.78 0.00	35.73 1.58 0.00	33.16 1.45 0.00	31.05 1.25 0.00
IP___TICONDEROGA 23804	32.00 3.14 0.05	26.13 2.61 0.00	28.33 2.73 0.00	27.16 2.67 0.00	26.45 2.69 0.00	31.67 3.22 0.00	41.82 4.19 0.00	43.70 4.44 0.00	34.08 3.52 0.00	25.50 2.19 0.00	-11.43 1.49 28.58	22.28 1.78 -1.62	-1.53 1.78 22.28	16.99 2.12 8.75	27.12 2.21 3.53	34.55 2.59 0.00	32.96 2.45 -0.42	37.57 2.88 0.00	49.31 3.77 0.00	43.74 3.97 0.00	44.93 4.26 0.00	38.02 3.87 0.00	35.37 3.66 0.00	33.01 3.22 0.00
ISLIP_RES_REC 323679	30.29 1.29 -0.09	24.38 0.86 0.00	26.38 0.78 0.00	25.27 0.77 0.00	24.56 0.80 0.00	29.41 0.96 0.00	39.05 1.42 0.00	41.42 2.17 0.00	32.38 1.82 0.00	24.84 1.53 0.00	60.36 1.01 -43.69	29.85 1.21 -9.77	47.08 1.14 -26.97	38.86 1.43 -13.82	36.80 1.97 -6.40	35.73 2.52 -1.25	34.81 2.36 -2.36	37.26 2.56 0.00	48.10 2.57 0.00	41.72 1.95 0.00	42.56 1.89 0.00	36.01 1.86 0.00	33.32 1.61 0.00	31.15 1.36 0.00

JAMAICA__27_KV_LOAD 355505	29.82 0.85 -0.06	24.13 0.61 0.00	26.23 0.64 0.00	25.10 0.61 0.00	24.37 0.62 0.00	29.11 0.67 0.00	38.72 1.09 0.01	40.74 1.49 0.01	31.95 1.39 0.00	24.60 1.29 0.00	60.17 0.84 -43.68	29.43 1.00 -9.55	46.88 0.98 -26.94	35.41 1.22 -10.57	34.22 1.51 -4.27	33.79 1.83 0.00	34.25 1.79 -2.37	36.65 1.96 0.00	47.48 1.95 0.00	41.20 1.43 0.00	42.04 1.37 0.01	35.44 1.30 0.01	33.06 1.35 0.00	30.85 1.06 0.01
JANIS__SOLAR 323808	29.49 0.58 0.00	23.94 0.42 0.00	26.06 0.46 0.00	24.96 0.46 0.00	24.25 0.49 0.00	29.18 0.74 0.00	38.94 1.30 0.00	40.58 1.32 0.00	31.18 0.61 0.00	23.47 0.17 0.00	15.73 0.07 0.00	18.99 0.11 0.00	19.16 0.19 0.00	23.88 0.27 0.00	28.84 0.40 0.00	32.48 0.52 0.00	30.66 0.57 0.00	35.58 0.88 0.00	47.23 1.70 0.00	41.70 1.94 0.00	42.70 2.03 0.00	35.68 1.53 0.00	33.04 1.33 0.00	30.80 1.00 0.00
JARVIS____ 23743	28.90 -0.01 0.00	23.51 0.00 0.00	25.60 0.00 0.00	24.49 0.00 0.00	23.76 0.00 0.00	28.42 -0.02 0.00	37.65 0.02 0.00	39.30 0.04 0.00	30.60 0.03 0.00	23.31 0.00 0.00	15.65 -0.01 0.00	18.86 -0.02 0.00	18.96 -0.01 0.00	23.59 -0.02 0.00	28.41 -0.03 0.00	31.96 0.00 0.00	30.09 0.00 0.00	34.73 0.03 0.00	45.58 0.05 0.00	39.81 0.04 0.00	40.71 0.04 0.00	34.21 0.06 0.00	31.78 0.06 0.00	29.82 0.03 0.00
JENNISON____1 23625	29.55 0.64 0.00	24.02 0.51 0.00	26.16 0.56 0.00	25.04 0.55 0.00	24.32 0.56 0.00	29.24 0.79 0.00	38.98 1.35 0.00	40.70 1.45 0.00	31.51 0.94 0.00	23.87 0.56 0.00	16.01 0.35 0.00	19.35 0.47 0.00	19.50 0.53 0.00	24.30 0.68 0.00	29.33 0.88 0.00	33.01 1.04 0.00	31.18 1.09 0.00	36.02 1.32 0.00	47.44 1.91 0.00	41.68 1.92 0.00	42.63 1.96 0.00	35.61 1.46 0.00	33.04 1.32 0.00	30.81 1.01 0.00
JENNISON____2 23626	29.55 0.64 0.00	24.02 0.51 0.00	26.16 0.56 0.00	25.04 0.55 0.00	24.32 0.56 0.00	29.24 0.79 0.00	38.98 1.35 0.00	40.70 1.45 0.00	31.51 0.94 0.00	23.87 0.56 0.00	16.01 0.35 0.00	19.35 0.47 0.00	19.50 0.53 0.00	24.30 0.68 0.00	29.33 0.88 0.00	33.01 1.04 0.00	31.18 1.09 0.00	36.02 1.32 0.00	47.44 1.91 0.00	41.68 1.92 0.00	42.63 1.96 0.00	35.61 1.46 0.00	33.04 1.32 0.00	30.81 1.01 0.00
JERICOHO_RISE_WT_PWR 323719	29.54 0.62 0.00	24.02 0.51 0.00	26.12 0.52 0.00	25.01 0.51 0.00	24.30 0.54 0.00	29.14 0.69 0.00	38.49 0.85 0.00	40.63 1.37 0.00	31.61 1.05 0.00	24.03 0.72 0.00	16.12 0.47 0.00	19.45 0.57 0.00	19.54 0.57 0.00	24.36 0.75 0.00	29.37 0.93 0.00	32.84 0.88 0.00	30.95 0.86 0.00	35.72 1.02 0.00	47.06 1.53 0.00	41.29 1.52 0.00	42.00 1.32 0.00	34.82 0.67 0.00	31.92 0.20 0.00	30.38 0.58 0.00
KATONAH__115KV_46KV_TB4 355592	29.76 0.79 -0.06	24.12 0.60 0.00	26.17 0.57 0.00	25.05 0.56 0.00	24.32 0.56 0.00	29.05 0.61 0.00	38.71 1.08 0.00	40.72 1.46 0.00	31.87 1.31 0.00	24.44 1.14 0.00	59.10 0.75 -42.69	27.13 0.90 -7.36	47.36 0.88 -27.51	35.53 1.11 -10.80	34.17 1.37 -4.36	33.66 1.70 0.00	33.54 1.63 -1.82	36.52 1.82 0.00	47.51 1.98 0.00	41.29 1.52 0.00	42.15 1.48 0.00	35.46 1.31 0.00	32.98 1.26 0.00	30.85 1.06 0.00
KCE_NY_1 323755	29.99 1.12 0.05	24.46 0.95 0.00	26.63 1.03 0.00	25.49 0.99 0.00	24.73 0.97 0.00	29.59 1.14 0.00	39.25 1.62 0.00	41.02 1.76 0.00	31.86 1.30 0.00	24.15 0.85 0.00	-13.39 0.54 29.60	21.15 0.63 -1.63	-3.48 0.60 23.05	15.29 0.73 9.05	25.53 0.74 3.66	32.90 0.93 0.00	31.40 0.89 -0.42	35.99 1.30 0.00	47.39 1.85 0.00	41.41 1.64 0.00	42.32 1.64 0.00	35.58 1.42 0.00	33.00 1.28 0.00	30.96 1.17 0.00
KCE_NY_6_ESR 323823	28.17 -0.73 0.00	22.91 -0.60 0.00	25.03 -0.57 0.00	23.94 -0.56 0.00	23.20 -0.56 0.00	27.97 -0.48 0.00	37.06 -0.57 0.00	38.28 -0.98 0.00	29.97 -0.60 0.00	23.03 -0.27 0.00	15.69 0.04 0.00	19.03 0.15 0.00	19.24 0.27 0.00	23.84 0.23 0.00	28.88 0.45 0.00	32.20 0.23 0.00	30.12 0.03 0.00	34.38 -0.32 0.00	44.81 -0.73 0.00	39.12 -0.64 0.00	40.10 -0.57 0.00	33.63 -0.52 0.00	31.33 -0.39 0.00	29.49 -0.30 0.00
KEDC_PORT_JEFF_GT2 24210	30.14 1.15 -0.08	24.27 0.76 0.00	26.27 0.68 0.00	25.16 0.67 0.00	24.46 0.70 0.00	29.28 0.83 0.00	38.86 1.23 0.00	41.21 1.95 0.00	32.20 1.64 0.00	24.70 1.39 0.00	60.26 0.91 -43.69	29.71 1.09 -9.74	46.95 1.01 -26.96	38.45 1.26 -13.58	36.48 1.76 -6.28	35.48 2.28 -1.24	34.56 2.10 -2.36	36.94 2.25 0.00	47.59 2.06 0.00	41.30 1.53 0.00	42.24 1.57 0.00	35.76 1.61 0.00	33.12 1.40 0.00	30.97 1.18 0.00
KEDC_PORT_JEFF_GT3 24211	30.14 1.15 -0.08	24.27 0.76 0.00	26.27 0.68 0.00	25.16 0.67 0.00	24.46 0.70 0.00	29.28 0.83 0.00	38.86 1.23 0.00	41.21 1.95 0.00	32.20 1.64 0.00	24.70 1.39 0.00	60.26 0.91 -43.69	29.71 1.09 -9.74	46.95 1.01 -26.96	38.45 1.26 -13.58	36.48 1.76 -6.28	35.48 2.28 -1.24	34.56 2.10 -2.36	36.94 2.25 0.00	47.59 2.06 0.00	41.30 1.53 0.00	42.24 1.57 0.00	35.76 1.61 0.00	33.12 1.40 0.00	30.97 1.18 0.00
KEDC_GLWD_GT4 24219	30.24 1.13 -0.19	24.31 0.79 0.00	26.36 0.76 0.00	25.23 0.74 0.00	24.50 0.74 0.00	29.31 0.87 0.00	38.99 1.36 0.00	41.11 1.85 0.00	32.17 1.60 0.00	24.70 1.39 0.00	60.28 0.94 -43.69	31.00 1.15 -10.97	47.45 1.15 -27.32	51.02 1.40 -26.01	42.54 1.60 -12.50	36.03 1.94 -2.14	34.25 1.79 -2.37	36.65 1.95 0.00	47.55 2.02 0.00	41.28 1.52 0.00	42.13 1.46 0.00	35.56 1.41 0.00	33.15 1.44 0.00	31.12 1.33 0.00
KEDC_GLWD_GT5 24220	30.24 1.13 -0.19	24.31 0.79 0.00	26.36 0.76 0.00	25.23 0.74 0.00	24.50 0.74 0.00	29.31 0.87 0.00	38.99 1.36 0.00	41.11 1.85 0.00	32.17 1.60 0.00	24.70 1.39 0.00	60.28 0.94 -43.69	31.00 1.15 -10.97	47.45 1.15 -27.32	51.02 1.40 -26.01	42.54 1.60 -12.50	36.03 1.94 -2.14	34.25 1.79 -2.37	36.65 1.95 0.00	47.55 2.02 0.00	41.28 1.52 0.00	42.13 1.46 0.00	35.56 1.41 0.00	33.15 1.44 0.00	31.12 1.33 0.00
KENSICO____ 23655	29.72 0.74 -0.06	24.05 0.54 0.00	26.11 0.51 0.00	24.99 0.49 0.00	24.25 0.49 0.00	28.99 0.54 0.00	38.62 0.99 0.00	40.63 1.38 0.00	31.80 1.24 0.00	24.40 1.09 0.00	59.93 0.72 -43.55	29.62 0.86 -9.88	46.46 0.84 -26.65	35.14 1.06 -10.46	33.97 1.30 -4.23	33.58 1.62 0.00	34.09 1.54 -2.45	36.41 1.71 0.00	47.33 1.80 0.00	41.13 1.36 0.00	41.99 1.32 0.00	35.35 1.19 0.00	32.90 1.18 0.00	30.79 0.99 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.69 0.75 -0.03	24.05 0.54 0.00	26.12 0.52 0.00	24.98 0.49 0.00	24.24 0.48 0.00	29.00 0.55 0.00	38.64 1.00 0.00	40.60 1.35 0.00	31.68 1.11 0.00	24.17 0.87 0.00	34.73 0.53 -18.54	16.88 0.60 2.60	34.92 0.56 -15.38	30.20 0.55 -6.04	31.57 0.69 -2.44	32.90 0.93 0.00	30.47 1.04 0.66	35.96 1.27 0.00	47.03 1.49 0.00	41.01 1.24 0.00	41.89 1.22 0.00	35.43 1.28 0.00	32.91 1.20 0.00	30.78 0.98 0.00

KIAC_JFK_GT1 23816	29.65 0.68 -0.06	23.99 0.48 0.00	26.09 0.50 0.00	24.96 0.47 0.00	24.24 0.48 0.00	28.92 0.48 0.00	38.37 0.74 0.01	40.36 1.12 0.01	31.66 1.10 0.00	24.38 1.08 0.00	60.03 0.70 -43.68	29.26 0.83 -9.55	46.72 0.81 -26.94	35.20 1.01 -10.57	33.96 1.25 -4.27	33.48 1.52 0.00	33.95 1.49 -2.37	36.31 1.61 0.00	47.03 1.49 0.00	40.80 1.04 0.00	41.63 0.96 0.01	35.10 0.96 0.01	32.84 1.12 0.00	30.67 0.89 0.01
KIAC_JFK_GT2 23817	29.65 0.68 -0.06	23.99 0.48 0.00	26.09 0.50 0.00	24.96 0.47 0.00	24.24 0.48 0.00	28.92 0.48 0.00	38.37 0.74 0.01	40.36 1.12 0.01	31.66 1.10 0.00	24.38 1.08 0.00	60.03 0.70 -43.68	29.26 0.83 -9.55	46.72 0.81 -26.94	35.20 1.01 -10.57	33.96 1.25 -4.27	33.48 1.52 0.00	33.95 1.49 -2.37	36.31 1.61 0.00	47.03 1.49 0.00	40.80 1.04 0.00	41.63 0.96 0.01	35.10 0.96 0.01	32.84 1.12 0.00	30.67 0.89 0.01
KIAC_JFK____ 323774	29.65 0.68 -0.06	23.99 0.48 0.00	26.09 0.49 0.00	24.96 0.47 0.00	24.24 0.48 0.00	28.92 0.47 0.00	38.36 0.74 0.01	40.36 1.12 0.01	31.67 1.10 0.00	24.38 1.07 0.00	60.04 0.71 -43.68	29.26 0.83 -9.55	46.74 0.83 -26.94	35.21 1.03 -10.57	33.97 1.26 -4.27	33.48 1.52 0.00	33.94 1.48 -2.37	36.31 1.61 0.00	47.03 1.49 0.00	40.81 1.04 0.00	41.63 0.96 0.01	35.10 0.96 0.01	32.84 1.12 0.00	30.67 0.89 0.01
KINTIGH__24_KV_GSU 356498	28.09 -0.82 0.00	22.86 -0.66 0.00	24.98 -0.62 0.00	23.88 -0.61 0.00	23.18 -0.58 0.00	27.88 -0.57 0.00	36.88 -0.75 0.00	38.10 -1.16 0.00	29.79 -0.77 0.00	22.88 -0.43 0.00	15.55 -0.11 0.00	18.85 -0.03 0.00	19.03 0.06 0.00	23.60 -0.01 0.00	28.55 0.11 0.00	31.82 -0.14 0.00	29.76 -0.34 0.00	34.03 -0.67 0.00	44.38 -1.16 0.00	38.69 -1.08 0.00	39.68 -0.99 0.00	33.32 -0.83 0.00	31.06 -0.66 0.00	29.29 -0.50 0.00
KINTIGH____ 23543	28.06 -0.85 0.00	22.84 -0.67 0.00	24.96 -0.64 0.00	23.86 -0.63 0.00	23.17 -0.59 0.00	27.85 -0.59 0.00	36.84 -0.79 0.00	38.07 -1.19 0.00	29.77 -0.79 0.00	22.87 -0.43 0.00	15.54 -0.12 0.00	18.83 -0.05 0.00	19.05 0.08 0.00	23.60 0.00 0.00	28.54 0.10 0.00	31.80 -0.16 0.00	29.73 -0.36 0.00	34.00 -0.69 0.00	44.35 -1.19 0.00	38.66 -1.11 0.00	39.65 -1.02 0.00	33.30 -0.85 0.00	31.04 -0.67 0.00	29.27 -0.52 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	29.89 0.98 0.00	24.31 0.80 0.00	26.42 0.82 0.00	25.31 0.82 0.00	24.61 0.85 0.00	29.52 1.07 0.00	39.30 1.67 0.00	41.55 2.29 0.00	32.32 1.76 0.00	24.48 1.17 0.00	16.38 0.73 0.00	19.78 0.90 0.00	19.89 0.91 0.00	24.81 1.20 0.00	29.93 1.49 0.00	33.44 1.48 0.00	31.67 1.58 0.00	36.49 1.79 0.00	48.11 2.57 0.00	42.30 2.53 0.00	42.99 2.32 0.00	35.46 1.31 0.00	32.34 0.62 0.00	30.87 1.08 0.00
LACHUTE____HYDRO 323717	32.00 3.14 0.05	26.13 2.61 0.00	28.33 2.73 0.00	27.16 2.67 0.00	26.45 2.69 0.00	31.67 3.22 0.00	41.82 4.19 0.00	43.70 4.44 0.00	34.08 3.51 0.00	25.50 2.19 0.00	-11.44 1.48 28.58	22.28 1.78 -1.62	-1.53 1.78 22.28	16.99 2.12 8.75	27.12 2.21 3.53	34.55 2.59 0.00	32.96 2.45 -0.42	37.57 2.87 0.00	49.31 3.77 0.00	43.74 3.97 0.00	44.93 4.26 0.00	38.02 3.87 0.00	35.37 3.66 0.00	33.01 3.22 0.00
LAWRNCALV_115KV_TB1 80681	30.01 1.10 0.00	24.38 0.87 0.00	26.53 0.94 0.00	25.39 0.90 0.00	24.71 0.95 0.00	29.65 1.20 0.00	39.19 1.56 0.00	40.54 1.28 0.00	31.42 0.85 0.00	23.91 0.61 0.00	16.05 0.39 0.00	19.33 0.45 0.00	19.40 0.42 0.00	24.19 0.58 0.00	29.14 0.70 0.00	32.54 0.57 0.00	30.44 0.35 0.00	34.99 0.29 0.00	46.27 0.73 0.00	40.77 1.00 0.00	41.94 1.27 0.00	35.22 1.06 0.00	32.63 0.91 0.00	30.73 0.94 0.00
LEDERLE____ 23769	29.74 0.78 -0.05	24.06 0.55 0.00	26.13 0.53 0.00	25.00 0.50 0.00	24.26 0.50 0.00	29.00 0.56 0.00	38.67 1.03 0.00	40.66 1.40 0.00	31.80 1.24 0.00	24.39 1.08 0.00	36.63 0.72 -20.25	5.90 0.86 13.84	43.13 0.86 -23.31	33.84 1.08 -9.15	33.47 1.33 -3.70	33.62 1.65 0.00	28.21 1.60 3.48	36.49 1.79 0.00	47.49 1.95 0.00	41.27 1.51 0.00	42.12 1.45 0.00	35.42 1.27 0.00	32.98 1.26 0.00	30.85 1.05 0.00
LIGHTHSE_115KV_TB6 355974	28.89 -0.02 0.00	23.45 -0.07 0.00	25.49 -0.11 0.00	24.39 -0.10 0.00	23.69 -0.07 0.00	28.45 0.00 0.00	37.84 0.21 0.00	39.33 0.08 0.00	30.53 -0.04 0.00	23.21 -0.10 0.00	15.58 -0.08 0.00	18.78 -0.11 0.00	18.82 -0.15 0.00	23.44 -0.17 0.00	28.27 -0.17 0.00	31.64 -0.32 0.00	29.72 -0.37 0.00	34.31 -0.39 0.00	45.49 -0.05 0.00	40.05 0.28 0.00	41.08 0.41 0.00	34.50 0.35 0.00	32.05 0.33 0.00	30.01 0.22 0.00
LINDEN COGEN____ 23786	29.72 0.75 -0.06	24.02 0.51 0.00	26.07 0.47 0.00	24.94 0.44 0.00	24.21 0.45 0.00	28.95 0.50 0.00	38.59 0.96 0.00	40.63 1.38 0.00	31.85 1.29 0.00	24.49 1.19 0.00	59.96 0.78 -43.52	29.35 0.92 -9.55	46.85 0.93 -26.94	35.36 1.17 -10.58	34.14 1.42 -4.27	33.70 1.73 0.00	34.12 1.66 -2.37	36.51 1.81 0.00	47.34 1.80 0.00	41.10 1.34 0.00	41.95 1.27 0.00	35.35 1.20 0.00	32.94 1.22 0.00	30.80 1.01 0.00
LINDHRST_69_KV_BK1 356055	30.47 1.44 -0.12	24.47 0.96 0.00	26.53 0.94 0.00	25.39 0.90 0.00	24.67 0.91 0.00	29.53 1.08 0.00	39.22 1.59 0.00	41.51 2.25 0.00	32.42 1.85 0.00	24.87 1.56 0.00	60.37 1.02 -43.69	30.31 1.27 -10.17	47.25 1.18 -27.09	42.12 1.50 -17.01	38.39 2.01 -7.94	35.83 2.49 -1.38	34.76 2.30 -2.36	37.22 2.53 0.00	48.18 2.64 0.00	41.82 2.05 0.00	42.66 1.99 0.00	36.09 1.94 0.00	33.47 1.75 0.00	31.32 1.53 0.00
LIPA_MISC_IPP 23656	29.94 0.96 -0.08	24.12 0.60 0.00	26.09 0.49 0.00	24.99 0.50 0.00	24.31 0.55 0.00	29.08 0.63 0.00	38.60 0.97 0.00	40.93 1.68 0.00	31.98 1.42 0.00	24.52 1.21 0.00	60.12 0.77 -43.69	29.54 0.92 -9.73	46.67 0.75 -26.96	38.06 0.98 -13.48	36.10 1.44 -6.23	35.19 1.99 -1.23	34.33 1.88 -2.36	36.69 2.00 0.00	47.40 1.87 0.00	41.13 1.37 0.00	41.96 1.28 0.00	35.53 1.38 0.00	32.90 1.18 0.00	30.76 0.97 0.00
LISF____SOLAR 323691	29.97 0.98 -0.08	24.15 0.63 0.00	26.12 0.52 0.00	25.02 0.52 0.00	24.33 0.57 0.00	29.12 0.68 0.00	38.66 1.03 0.00	40.99 1.73 0.00	32.03 1.46 0.00	24.54 1.24 0.00	60.14 0.79 -43.69	29.55 0.93 -9.74	46.75 0.82 -26.96	38.14 1.02 -13.52	36.17 1.48 -6.25	35.21 2.01 -1.23	34.35 1.90 -2.36	36.75 2.05 0.00	47.50 1.96 0.00	41.22 1.45 0.00	42.05 1.38 0.00	35.60 1.45 0.00	32.96 1.24 0.00	30.81 1.02 0.00
LITTLE FALLS____HYD 24013	29.37 0.46 0.00	23.97 0.46 0.00	26.03 0.43 0.00	24.95 0.46 0.00	24.27 0.51 0.00	28.98 0.53 0.00	38.52 0.89 0.00	40.23 0.98 0.00	30.95 0.38 0.00	23.18 -0.13 0.00	15.51 -0.14 0.00	18.60 -0.28 0.00	18.72 -0.25 0.00	23.13 -0.48 0.00	27.90 -0.54 0.00	31.41 -0.55 0.00	29.83 -0.26 0.00	34.77 0.07 0.00	46.16 0.62 0.00	40.74 0.98 0.00	41.65 0.97 0.00	35.05 0.90 0.00	32.47 0.76 0.00	30.37 0.58 0.00

LITTLRIV_115KV_TB1 356100	30.45 1.54 0.00	24.73 1.22 0.00	26.91 1.31 0.00	25.75 1.26 0.00	25.06 1.30 0.00	30.09 1.65 0.00	39.80 2.17 0.00	41.13 1.88 0.00	31.74 1.17 0.00	24.03 0.72 0.00	16.11 0.45 0.00	19.39 0.51 0.00	19.47 0.50 0.00	24.30 0.69 0.00	29.25 0.81 0.00	32.64 0.68 0.00	30.54 0.45 0.00	35.13 0.43 0.00	46.67 1.13 0.00	41.44 1.67 0.00	42.68 2.01 0.00	35.79 1.64 0.00	33.12 1.40 0.00	31.17 1.38 0.00
LI_NEWBRDGE___DRP 323616	30.03 1.06 -0.06	24.20 0.68 0.00	26.24 0.64 0.00	25.12 0.63 0.00	24.40 0.64 0.00	29.19 0.74 0.00	38.75 1.12 0.00	40.95 1.69 0.00	32.00 1.43 0.00	24.55 1.25 0.00	60.17 0.83 -43.69	29.43 1.04 -9.50	46.85 0.99 -26.88	36.12 1.23 -11.28	35.22 1.61 -5.17	35.07 1.96 -1.15	34.24 1.78 -2.36	36.61 1.91 0.00	47.44 1.91 0.00	41.19 1.42 0.00	42.03 1.36 0.00	35.55 1.39 0.00	33.02 1.30 0.00	30.94 1.15 0.00
LOCKPORT_115KV_TB60_63_64 80432	28.07 -0.84 0.00	22.84 -0.67 0.00	24.97 -0.63 0.00	23.86 -0.63 0.00	23.15 -0.61 0.00	27.91 -0.54 0.00	36.83 -0.80 0.00	38.00 -1.26 0.00	29.76 -0.80 0.00	22.87 -0.43 0.00	15.56 -0.09 0.00	18.84 -0.04 0.00	19.09 0.12 0.00	23.65 0.04 0.00	28.64 0.20 0.00	31.78 -0.18 0.00	29.65 -0.44 0.00	33.85 -0.84 0.00	44.12 -1.42 0.00	38.45 -1.32 0.00	39.47 -1.20 0.00	33.22 -0.94 0.00	30.97 -0.75 0.00	29.25 -0.55 0.00
LOCKPORT___CC1 323769	28.05 -0.86 0.00	22.82 -0.70 0.00	24.95 -0.65 0.00	23.85 -0.65 0.00	23.14 -0.62 0.00	27.88 -0.57 0.00	36.82 -0.82 0.00	37.96 -1.30 0.00	29.73 -0.84 0.00	22.85 -0.45 0.00	15.54 -0.12 0.00	18.83 -0.05 0.00	19.04 0.07 0.00	23.59 -0.01 0.00	28.60 0.16 0.00	31.77 -0.20 0.00	29.64 -0.45 0.00	33.85 -0.85 0.00	44.10 -1.44 0.00	38.44 -1.33 0.00	39.46 -1.21 0.00	33.20 -0.95 0.00	30.96 -0.76 0.00	29.24 -0.56 0.00
LOCKPORT___CC2 323770	28.05 -0.86 0.00	22.82 -0.70 0.00	24.95 -0.65 0.00	23.85 -0.65 0.00	23.14 -0.62 0.00	27.88 -0.57 0.00	36.82 -0.82 0.00	37.96 -1.30 0.00	29.73 -0.84 0.00	22.85 -0.45 0.00	15.54 -0.12 0.00	18.83 -0.05 0.00	19.04 0.07 0.00	23.59 -0.01 0.00	28.60 0.16 0.00	31.77 -0.20 0.00	29.64 -0.45 0.00	33.85 -0.85 0.00	44.10 -1.44 0.00	38.44 -1.33 0.00	39.46 -1.21 0.00	33.20 -0.95 0.00	30.96 -0.76 0.00	29.24 -0.56 0.00
LOCKPORT___CC3 323771	28.05 -0.86 0.00	22.82 -0.70 0.00	24.95 -0.65 0.00	23.85 -0.65 0.00	23.14 -0.62 0.00	27.88 -0.57 0.00	36.82 -0.82 0.00	37.96 -1.30 0.00	29.73 -0.84 0.00	22.85 -0.45 0.00	15.54 -0.12 0.00	18.83 -0.05 0.00	19.04 0.07 0.00	23.59 -0.01 0.00	28.60 0.16 0.00	31.77 -0.20 0.00	29.64 -0.45 0.00	33.85 -0.85 0.00	44.10 -1.44 0.00	38.44 -1.33 0.00	39.46 -1.21 0.00	33.20 -0.95 0.00	30.96 -0.76 0.00	29.24 -0.56 0.00
LOCUSVLY_69_KV_BK2 55797	30.31 1.23 -0.17	24.36 0.84 0.00	26.41 0.82 0.00	25.29 0.79 0.00	24.56 0.80 0.00	29.38 0.94 0.00	39.03 1.40 0.00	41.22 1.96 0.00	32.24 1.67 0.00	24.75 1.44 0.00	60.32 0.97 -43.69	30.75 1.20 -10.67	47.37 1.17 -27.23	48.05 1.47 -22.97	41.24 1.84 -10.97	36.05 2.19 -1.89	34.47 2.01 -2.36	36.90 2.20 0.00	47.80 2.27 0.00	41.50 1.74 0.00	42.34 1.67 0.00	35.77 1.62 0.00	33.25 1.54 0.00	31.17 1.38 0.00
LONG_LAKE_PHOENIX 24014	28.20 -0.71 0.00	22.91 -0.60 0.00	24.95 -0.65 0.00	23.87 -0.63 0.00	23.16 -0.60 0.00	27.78 -0.67 0.00	36.87 -0.76 0.00	38.47 -0.78 0.00	29.94 -0.63 0.00	22.78 -0.53 0.00	15.32 -0.33 0.00	18.50 -0.38 0.00	18.60 -0.37 0.00	23.16 -0.45 0.00	27.90 -0.54 0.00	31.30 -0.66 0.00	29.50 -0.59 0.00	34.07 -0.63 0.00	44.81 -0.72 0.00	39.13 -0.63 0.00	40.02 -0.65 0.00	33.58 -0.57 0.00	31.22 -0.49 0.00	29.29 -0.50 0.00
LOVETT___3 23632	29.60 0.63 -0.05	23.95 0.44 0.00	26.01 0.41 0.00	24.89 0.40 0.00	24.15 0.39 0.00	28.87 0.42 0.00	38.46 0.82 0.00	40.45 1.19 0.00	31.64 1.07 0.00	24.27 0.96 0.00	36.91 0.63 -20.62	5.15 0.75 14.49	43.68 0.74 -23.96	33.95 0.93 -9.41	33.38 1.14 -3.80	33.40 1.44 0.00	27.83 1.38 3.64	36.22 1.52 0.00	47.13 1.59 0.00	40.98 1.21 0.00	41.82 1.15 0.00	35.20 1.05 0.00	32.78 1.06 0.00	30.67 0.87 0.00
LOVETT___4 23642	29.60 0.63 -0.05	23.95 0.44 0.00	26.01 0.41 0.00	24.89 0.40 0.00	24.15 0.39 0.00	28.87 0.42 0.00	38.46 0.82 0.00	40.45 1.19 0.00	31.64 1.07 0.00	24.27 0.96 0.00	36.91 0.63 -20.62	5.15 0.75 14.49	43.68 0.74 -23.96	33.95 0.93 -9.41	33.38 1.14 -3.80	33.40 1.44 0.00	27.83 1.38 3.64	36.22 1.52 0.00	47.13 1.59 0.00	40.98 1.21 0.00	41.82 1.15 0.00	35.20 1.05 0.00	32.78 1.06 0.00	30.67 0.87 0.00
LOVETT___5 23593	29.60 0.63 -0.05	23.95 0.44 0.00	26.01 0.41 0.00	24.89 0.40 0.00	24.15 0.39 0.00	28.87 0.42 0.00	38.46 0.82 0.00	40.45 1.19 0.00	31.64 1.07 0.00	24.27 0.96 0.00	36.91 0.63 -20.62	5.15 0.75 14.49	43.68 0.74 -23.96	33.95 0.93 -9.41	33.38 1.14 -3.80	33.40 1.44 0.00	27.83 1.38 3.64	36.22 1.52 0.00	47.13 1.59 0.00	40.98 1.21 0.00	41.82 1.15 0.00	35.20 1.05 0.00	32.78 1.06 0.00	30.67 0.87 0.00
LOWER RAQUET___HYD 24057	30.06 1.15 0.00	24.41 0.90 0.00	26.57 0.97 0.00	25.42 0.93 0.00	24.76 1.00 0.00	29.72 1.27 0.00	39.29 1.66 0.00	40.65 1.39 0.00	31.48 0.91 0.00	23.95 0.64 0.00	16.07 0.41 0.00	19.35 0.47 0.00	19.42 0.44 0.00	24.22 0.61 0.00	29.17 0.73 0.00	32.54 0.57 0.00	30.41 0.32 0.00	34.95 0.25 0.00	46.26 0.72 0.00	40.82 1.05 0.00	42.03 1.35 0.00	35.31 1.16 0.00	32.72 1.01 0.00	30.82 1.02 0.00
LOWER___HUDSON 24059	29.42 0.58 0.06	24.09 0.57 0.00	26.17 0.57 0.00	25.09 0.59 0.00	24.35 0.59 0.00	29.03 0.58 0.00	38.48 0.84 0.00	40.23 0.97 0.00	31.37 0.80 0.00	23.84 0.54 0.00	-22.67 0.31 38.64	21.04 0.36 -1.80	-10.57 0.36 29.90	12.28 0.41 11.74	24.12 0.43 4.74	32.53 0.57 0.00	31.03 0.47 -0.47	35.31 0.61 0.00	46.40 0.87 0.00	40.56 0.80 0.00	41.49 0.81 0.00	34.96 0.81 0.00	32.46 0.74 0.00	30.48 0.69 0.00
LOWVILLE_115KV_TB2 356335	30.06 1.15 0.00	24.39 0.87 0.00	26.49 0.89 0.00	25.36 0.87 0.00	24.65 0.89 0.00	29.64 1.20 0.00	39.45 1.82 0.00	40.78 1.53 0.00	31.52 0.95 0.00	23.91 0.60 0.00	16.01 0.35 0.00	19.24 0.36 0.00	19.29 0.32 0.00	24.07 0.46 0.00	29.05 0.61 0.00	32.49 0.52 0.00	30.58 0.49 0.00	35.38 0.68 0.00	47.17 1.64 0.00	41.86 2.09 0.00	43.02 2.34 0.00	36.03 1.88 0.00	33.35 1.63 0.00	31.19 1.40 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.99 1.13 0.05	24.48 0.97 0.00	26.63 1.02 0.00	25.49 1.00 0.00	24.75 0.99 0.00	29.59 1.14 0.00	39.23 1.60 0.00	41.01 1.75 0.00	31.87 1.30 0.00	24.16 0.85 0.00	-13.40 0.54 29.60	21.15 0.63 -1.63	-3.47 0.61 23.05	15.26 0.70 9.05	25.53 0.75 3.66	32.88 0.91 0.00	31.40 0.88 -0.42	35.91 1.21 0.00	47.29 1.75 0.00	41.38 1.61 0.00	42.29 1.62 0.00	35.56 1.41 0.00	33.00 1.28 0.00	30.95 1.15 0.00

LUTHERNY_35_KV_BK2 355980	29.99 1.12 0.05	24.46 0.95 0.00	26.63 1.03 0.00	25.49 0.99 0.00	24.73 0.97 0.00	29.59 1.14 0.00	39.25 1.62 0.00	41.01 1.76 0.00	31.86 1.30 0.00	24.15 0.85 0.00	-13.39 0.55 29.60	21.15 0.63 -1.63	-3.48 0.60 23.05	15.29 0.73 9.05	25.52 0.74 3.66	32.90 0.93 0.00	31.40 0.89 -0.42	35.99 1.29 0.00	47.39 1.85 0.00	41.41 1.64 0.00	42.32 1.65 0.00	35.58 1.42 0.00	33.00 1.28 0.00	30.97 1.17 0.00
LWR___OSWEGATCHIE_HYD 23850	30.08 1.17 0.00	24.41 0.90 0.00	26.54 0.94 0.00	25.40 0.91 0.00	24.71 0.95 0.00	29.69 1.25 0.00	39.41 1.78 0.00	40.75 1.50 0.00	31.53 0.96 0.00	23.94 0.64 0.00	16.05 0.39 0.00	19.29 0.41 0.00	19.33 0.35 0.00	24.11 0.50 0.00	29.07 0.63 0.00	32.47 0.50 0.00	30.45 0.36 0.00	35.10 0.40 0.00	46.69 1.16 0.00	41.37 1.60 0.00	42.56 1.89 0.00	35.71 1.56 0.00	33.08 1.36 0.00	31.03 1.24 0.00
LYONS_FALL_HYD 23570	29.81 0.90 0.00	24.19 0.68 0.00	26.31 0.71 0.00	25.18 0.68 0.00	24.46 0.69 0.00	29.39 0.94 0.00	39.10 1.47 0.00	40.53 1.27 0.00	31.37 0.80 0.00	23.80 0.49 0.00	15.95 0.29 0.00	19.20 0.32 0.00	19.28 0.30 0.00	24.03 0.42 0.00	28.98 0.54 0.00	32.48 0.52 0.00	30.60 0.51 0.00	35.44 0.74 0.00	47.04 1.50 0.00	41.53 1.77 0.00	42.60 1.93 0.00	35.68 1.53 0.00	33.04 1.33 0.00	30.92 1.12 0.00
MADISON___COUNTY_LFGE 323628	29.40 0.48 0.00	23.88 0.37 0.00	25.99 0.39 0.00	24.88 0.39 0.00	24.15 0.39 0.00	29.01 0.56 0.00	38.59 0.96 0.00	40.17 0.91 0.00	31.09 0.53 0.00	23.56 0.25 0.00	15.82 0.17 0.00	19.09 0.21 0.00	19.22 0.25 0.00	23.96 0.35 0.00	28.87 0.43 0.00	32.45 0.48 0.00	30.62 0.53 0.00	35.53 0.84 0.00	46.85 1.31 0.00	41.13 1.37 0.00	42.08 1.41 0.00	35.23 1.08 0.00	32.66 0.94 0.00	30.56 0.76 0.00
MALONE___115KV_TB1 356076	29.97 1.05 0.00	24.35 0.83 0.00	26.48 0.88 0.00	25.34 0.85 0.00	24.64 0.88 0.00	29.57 1.12 0.00	39.12 1.48 0.00	41.10 1.84 0.00	31.96 1.39 0.00	24.27 0.96 0.00	16.29 0.63 0.00	19.61 0.73 0.00	19.70 0.73 0.00	24.58 0.97 0.00	29.65 1.21 0.00	33.15 1.19 0.00	31.15 1.06 0.00	35.99 1.29 0.00	47.53 2.00 0.00	41.80 2.04 0.00	42.65 1.98 0.00	35.44 1.28 0.00	32.53 0.81 0.00	30.84 1.05 0.00
MAPLEWOD_115KV_TB3 80458	29.36 0.49 0.05	24.01 0.50 0.00	26.10 0.50 0.00	25.00 0.50 0.00	24.26 0.51 0.00	28.91 0.46 0.00	38.32 0.69 0.00	40.08 0.83 0.00	31.28 0.71 0.00	23.80 0.49 0.00	-13.12 0.22 29.00	20.90 0.24 -1.77	-3.46 0.26 22.69	14.97 0.27 8.91	25.15 0.31 3.60	32.38 0.42 0.00	30.92 0.37 -0.46	35.17 0.47 0.00	46.16 0.62 0.00	40.31 0.54 0.00	41.20 0.53 0.00	34.68 0.53 0.00	32.18 0.46 0.00	30.21 0.41 0.00
MAPLE_RIDGE_WT_1 323574	28.97 0.05 0.00	23.53 0.01 0.00	25.63 0.03 0.00	24.52 0.03 0.00	23.76 0.00 0.00	28.52 0.08 0.00	37.71 0.08 0.00	39.23 -0.03 0.00	30.54 -0.03 0.00	23.31 0.00 0.00	15.67 0.01 0.00	18.89 0.01 0.00	18.98 0.00 0.00	23.62 0.01 0.00	28.45 0.01 0.00	31.97 0.01 0.00	30.10 0.01 0.00	34.71 0.01 0.00	45.58 0.05 0.00	39.81 0.04 0.00	40.75 0.08 0.00	34.20 0.04 0.00	31.75 0.03 0.00	29.83 0.04 0.00
MAPLE_RIDGE_WT_2 323611	28.97 0.05 0.00	23.53 0.01 0.00	25.63 0.03 0.00	24.52 0.03 0.00	23.76 0.00 0.00	28.52 0.08 0.00	37.71 0.08 0.00	39.23 -0.03 0.00	30.54 -0.03 0.00	23.31 0.00 0.00	15.67 0.01 0.00	18.89 0.01 0.00	18.98 0.00 0.00	23.62 0.01 0.00	28.45 0.01 0.00	31.97 0.01 0.00	30.10 0.01 0.00	34.71 0.01 0.00	45.58 0.05 0.00	39.81 0.04 0.00	40.75 0.08 0.00	34.20 0.04 0.00	31.75 0.03 0.00	29.83 0.04 0.00
MARBLE_RIVER_WT_PWR 323696	29.56 0.65 0.00	24.05 0.54 0.00	26.14 0.55 0.00	25.03 0.54 0.00	24.33 0.57 0.00	29.21 0.76 0.00	39.25 1.62 0.00	41.56 2.30 0.00	32.36 1.79 0.00	24.51 1.20 0.00	16.41 0.76 0.00	19.83 0.95 0.00	19.95 0.97 0.00	24.87 1.26 0.00	30.00 1.56 0.00	33.43 1.47 0.00	31.72 1.63 0.00	36.53 1.83 0.00	48.11 2.57 0.00	42.25 2.48 0.00	42.83 2.16 0.00	35.21 1.05 0.00	32.00 0.28 0.00	30.73 0.93 0.00
MARSHVLE_115KV_TB1 80742	29.91 1.02 0.03	24.25 0.74 0.00	26.43 0.83 0.00	25.26 0.76 0.00	24.49 0.73 0.00	29.46 1.01 0.00	39.17 1.54 0.00	40.65 1.40 0.00	31.17 0.60 0.00	23.51 0.20 0.00	-1.29 0.20 17.15	20.16 0.22 -1.06	5.79 0.24 13.43	18.67 0.33 5.27	26.76 0.45 2.13	32.47 0.50 0.00	30.87 0.51 -0.27	35.46 0.76 0.00	47.30 1.76 0.00	41.85 2.09 0.00	42.84 2.16 0.00	35.86 1.71 0.00	33.21 1.50 0.00	31.12 1.32 0.00
MARSH_HILL_WT_PWR 323713	28.24 -0.67 0.00	22.79 -0.72 0.00	24.72 -0.88 0.00	23.66 -0.83 0.00	23.10 -0.66 0.00	27.88 -0.57 0.00	37.43 -0.20 0.00	38.77 -0.49 0.00	30.05 -0.52 0.00	22.85 -0.46 0.00	15.48 -0.17 0.00	18.80 -0.08 0.00	19.07 0.10 0.00	23.56 -0.05 0.00	28.66 0.22 0.00	32.04 0.08 0.00	30.21 0.12 0.00	34.52 -0.18 0.00	45.62 0.09 0.00	40.12 0.36 0.00	40.99 0.31 0.00	34.13 -0.02 0.00	31.78 0.06 0.00	29.91 0.11 0.00
MCINTYRE_115KV_TB2 80467	30.56 1.65 0.00	24.82 1.31 0.00	27.02 1.42 0.00	25.85 1.36 0.00	25.14 1.38 0.00	30.21 1.76 0.00	39.94 2.31 0.00	41.24 1.98 0.00	31.76 1.20 0.00	24.02 0.71 0.00	16.10 0.44 0.00	19.38 0.50 0.00	19.47 0.50 0.00	24.29 0.68 0.00	29.24 0.80 0.00	32.67 0.70 0.00	30.61 0.52 0.00	35.21 0.51 0.00	46.77 1.23 0.00	41.66 1.89 0.00	42.91 2.24 0.00	35.92 1.77 0.00	33.20 1.48 0.00	31.24 1.45 0.00
MECO_____69_KV_BK1 80468	30.21 1.33 0.03	24.54 1.02 0.00	26.70 1.10 0.00	25.53 1.04 0.00	24.78 1.02 0.00	29.77 1.32 0.00	39.62 1.99 0.00	41.20 1.94 0.00	31.46 0.90 0.00	23.53 0.23 0.00	-3.03 0.17 18.86	20.20 0.09 -1.23	4.26 0.09 14.80	17.86 0.06 5.81	26.31 0.22 2.35	32.15 0.19 0.00	30.65 0.25 -0.32	35.48 0.79 0.00	47.69 2.15 0.00	42.34 2.57 0.00	43.32 2.65 0.00	36.27 2.11 0.00	33.56 1.84 0.00	31.41 1.61 0.00
MENANDS___115KV_TB5 355628	29.23 0.37 0.05	23.92 0.41 0.00	25.99 0.39 0.00	24.90 0.41 0.00	24.18 0.41 0.00	28.79 0.34 0.00	38.15 0.52 0.00	39.90 0.65 0.00	31.16 0.59 0.00	23.72 0.42 0.00	-13.20 0.14 29.00	20.81 0.15 -1.78	-3.55 0.17 22.69	14.85 0.15 8.91	24.99 0.15 3.60	32.20 0.24 0.00	30.73 0.18 -0.46	34.92 0.22 0.00	45.79 0.25 0.00	39.96 0.20 0.00	40.85 0.17 0.00	34.41 0.26 0.00	31.93 0.21 0.00	29.99 0.19 0.00
MG INDUSTRY___DRP 24185	29.34 0.45 0.03	23.97 0.46 0.00	26.08 0.49 0.00	24.97 0.47 0.00	24.24 0.48 0.00	28.92 0.47 0.00	38.29 0.66 0.00	39.93 0.68 0.00	31.06 0.49 0.00	23.65 0.34 0.00	-1.53 0.17 17.35	20.68 0.15 -1.64	5.22 0.17 13.93	18.33 0.18 5.47	26.44 0.21 2.21	32.24 0.27 0.00	30.74 0.23 -0.42	35.03 0.33 0.00	45.97 0.43 0.00	40.16 0.39 0.00	41.06 0.39 0.00	34.56 0.40 0.00	32.12 0.40 0.00	30.17 0.37 0.00

MID___OSWEGATCHIE_HYD 23849	30.08 1.17 0.00	24.41 0.90 0.00	26.54 0.94 0.00	25.40 0.91 0.00	24.71 0.95 0.00	29.69 1.25 0.00	39.41 1.78 0.00	40.75 1.50 0.00	31.53 0.96 0.00	23.94 0.64 0.00	16.05 0.39 0.00	19.29 0.41 0.00	19.33 0.35 0.00	24.11 0.50 0.00	29.07 0.63 0.00	32.47 0.50 0.00	30.45 0.36 0.00	35.10 0.40 0.00	46.69 1.16 0.00	41.37 1.60 0.00	42.56 1.89 0.00	35.71 1.56 0.00	33.08 1.36 0.00	31.03 1.24 0.00
MID___RAQUETTE_HYD 23851	30.06 1.15 0.00	24.41 0.90 0.00	26.57 0.97 0.00	25.42 0.93 0.00	24.76 1.00 0.00	29.72 1.27 0.00	39.29 1.66 0.00	40.65 1.39 0.00	31.48 0.92 0.00	23.95 0.64 0.00	16.07 0.41 0.00	19.35 0.47 0.00	19.42 0.44 0.00	24.22 0.61 0.00	29.17 0.73 0.00	32.54 0.57 0.00	30.41 0.32 0.00	34.95 0.25 0.00	46.26 0.72 0.00	40.82 1.05 0.00	42.03 1.35 0.00	35.31 1.16 0.00	32.72 1.00 0.00	30.82 1.03 0.00
MILLIKEN___1 23584	28.98 0.07 0.00	23.51 0.00 0.00	25.62 0.03 0.00	24.53 0.04 0.00	23.81 0.05 0.00	28.59 0.14 0.00	37.99 0.36 0.00	39.62 0.36 0.00	30.72 0.15 0.00	23.27 -0.03 0.00	15.65 -0.01 0.00	18.88 0.00 0.00	19.03 0.06 0.00	23.70 0.09 0.00	28.64 0.20 0.00	32.12 0.16 0.00	30.33 0.25 0.00	35.08 0.38 0.00	46.25 0.71 0.00	40.63 0.87 0.00	41.54 0.87 0.00	34.78 0.63 0.00	32.29 0.58 0.00	30.22 0.42 0.00
MILLIKEN___2 23585	28.98 0.07 0.00	23.51 0.00 0.00	25.62 0.03 0.00	24.53 0.04 0.00	23.81 0.05 0.00	28.59 0.14 0.00	37.99 0.36 0.00	39.62 0.36 0.00	30.72 0.15 0.00	23.27 -0.03 0.00	15.65 -0.01 0.00	18.88 0.00 0.00	19.03 0.06 0.00	23.70 0.09 0.00	28.64 0.20 0.00	32.12 0.16 0.00	30.33 0.25 0.00	35.08 0.38 0.00	46.25 0.71 0.00	40.63 0.87 0.00	41.54 0.87 0.00	34.78 0.63 0.00	32.29 0.58 0.00	30.22 0.42 0.00
MILLIKEN___DIESEL 23629	28.98 0.07 0.00	23.51 0.00 0.00	25.62 0.03 0.00	24.53 0.04 0.00	23.81 0.05 0.00	28.59 0.14 0.00	37.99 0.36 0.00	39.62 0.36 0.00	30.72 0.15 0.00	23.27 -0.03 0.00	15.65 -0.01 0.00	18.88 0.00 0.00	19.03 0.06 0.00	23.70 0.09 0.00	28.64 0.20 0.00	32.12 0.16 0.00	30.33 0.25 0.00	35.08 0.38 0.00	46.25 0.71 0.00	40.63 0.87 0.00	41.54 0.87 0.00	34.78 0.63 0.00	32.29 0.58 0.00	30.22 0.42 0.00
MILLSEAT___LFGE 323607	28.57 -0.35 0.00	23.22 -0.29 0.00	25.37 -0.22 0.00	24.25 -0.24 0.00	23.54 -0.21 0.00	28.40 -0.05 0.00	37.62 -0.01 0.00	38.93 -0.33 0.00	30.36 -0.20 0.00	23.19 -0.11 0.00	15.73 0.07 0.00	19.04 0.16 0.00	19.32 0.34 0.00	24.04 0.43 0.00	29.11 0.67 0.00	32.30 0.34 0.00	30.22 0.13 0.00	34.72 0.03 0.00	45.43 -0.10 0.00	39.60 -0.17 0.00	40.66 -0.01 0.00	34.13 -0.03 0.00	31.74 0.02 0.00	29.89 0.10 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.66 0.69 -0.06	24.01 0.50 0.00	26.07 0.47 0.00	24.94 0.45 0.00	24.21 0.45 0.00	28.94 0.49 0.00	38.54 0.91 0.00	40.54 1.28 0.00	31.72 1.15 0.00	24.33 1.02 0.00	59.42 0.68 -43.09	29.77 0.80 -10.09	45.93 0.78 -26.18	34.88 0.99 -10.28	33.80 1.21 -4.15	33.48 1.51 0.00	34.05 1.45 -2.51	36.31 1.61 0.00	47.21 1.68 0.00	41.05 1.28 0.00	41.91 1.24 0.00	35.27 1.12 0.00	32.84 1.12 0.00	30.73 0.93 0.00
MILLWOOD_13_KV_LOAD 356217	29.69 0.72 -0.06	24.04 0.53 0.00	26.10 0.50 0.00	24.97 0.48 0.00	24.24 0.48 0.00	28.97 0.52 0.00	38.60 0.97 0.00	40.60 1.35 0.00	31.77 1.20 0.00	24.37 1.06 0.00	59.44 0.70 -43.09	29.80 0.83 -10.09	45.96 0.81 -26.18	34.91 1.02 -10.28	33.85 1.26 -4.15	33.54 1.58 0.00	34.10 1.51 -2.51	36.36 1.67 0.00	47.30 1.76 0.00	41.13 1.36 0.00	41.98 1.31 0.00	35.34 1.19 0.00	32.88 1.17 0.00	30.78 0.98 0.00
MODEL_CITY_ENERGY 24167	27.86 -1.05 0.00	22.68 -0.84 0.00	24.80 -0.80 0.00	23.70 -0.79 0.00	22.99 -0.77 0.00	27.72 -0.73 0.00	36.56 -1.08 0.00	37.66 -1.60 0.00	29.50 -1.06 0.00	22.69 -0.62 0.00	15.44 -0.21 0.00	18.70 -0.18 0.00	18.90 -0.07 0.00	23.42 -0.19 0.00	28.38 -0.06 0.00	31.47 -0.49 0.00	29.33 -0.76 0.00	33.48 -1.22 0.00	43.57 -1.96 0.00	37.97 -1.80 0.00	39.00 -1.67 0.00	32.86 -1.29 0.00	30.65 -1.07 0.00	28.97 -0.82 0.00
MODERN_LFGE___ 323580	27.86 -1.05 0.00	22.68 -0.84 0.00	24.80 -0.80 0.00	23.70 -0.79 0.00	22.99 -0.77 0.00	27.72 -0.73 0.00	36.56 -1.08 0.00	37.66 -1.60 0.00	29.50 -1.06 0.00	22.69 -0.62 0.00	15.44 -0.21 0.00	18.70 -0.18 0.00	18.90 -0.07 0.00	23.42 -0.19 0.00	28.38 -0.06 0.00	31.47 -0.49 0.00	29.33 -0.76 0.00	33.48 -1.22 0.00	43.57 -1.96 0.00	37.97 -1.80 0.00	39.00 -1.67 0.00	32.86 -1.29 0.00	30.65 -1.07 0.00	28.97 -0.82 0.00
MOHAWK_PAPER___DRP 24187	29.36 0.49 0.05	24.01 0.50 0.00	26.10 0.50 0.00	25.00 0.50 0.00	24.26 0.51 0.00	28.91 0.46 0.00	38.32 0.69 0.00	40.08 0.83 0.00	31.28 0.71 0.00	23.80 0.49 0.00	-13.12 0.22 29.00	20.90 0.24 -1.77	-3.46 0.26 22.69	14.97 0.27 8.91	25.15 0.31 3.60	32.38 0.42 0.00	30.92 0.37 -0.46	35.17 0.47 0.00	46.16 0.62 0.00	40.31 0.54 0.00	41.20 0.53 0.00	34.68 0.53 0.00	32.18 0.46 0.00	30.21 0.41 0.00
MOHICAN___35_KV_115KV_LD 80490	30.58 1.72 0.05	24.96 1.45 0.00	27.11 1.51 0.00	25.96 1.47 0.00	25.24 1.48 0.00	30.18 1.74 0.00	40.02 2.39 0.00	41.84 2.58 0.00	32.52 1.95 0.00	24.55 1.24 0.00	-12.55 0.80 29.00	21.44 0.94 -1.62	-2.75 0.88 22.60	15.70 0.96 8.87	25.80 0.95 3.58	33.03 1.07 0.00	31.53 1.02 -0.42	36.08 1.39 0.00	47.62 2.08 0.00	41.82 2.05 0.00	42.79 2.12 0.00	36.03 1.88 0.00	33.44 1.73 0.00	31.30 1.51 0.00
MONGAUP___HYD 23641	29.67 0.72 -0.04	24.04 0.53 0.00	26.11 0.51 0.00	24.98 0.48 0.00	24.23 0.47 0.00	28.99 0.55 0.00	38.60 0.96 0.00	40.49 1.24 0.00	31.49 0.92 0.00	23.93 0.63 0.00	34.03 0.36 -18.01	9.32 0.41 9.97	38.73 0.41 -19.34	31.72 0.51 -7.59	32.15 0.64 -3.07	32.89 0.93 0.00	28.57 0.99 2.50	35.84 1.15 0.00	47.13 1.60 0.00	41.22 1.46 0.00	42.13 1.46 0.00	35.39 1.24 0.00	32.88 1.16 0.00	30.75 0.96 0.00
MONTAUK___DIESEL 23721	30.63 1.64 -0.08	24.73 1.22 0.00	26.80 1.20 0.00	25.66 1.17 0.00	25.00 1.24 0.00	29.99 1.54 0.00	39.80 2.17 0.00	42.11 2.86 0.00	32.98 2.41 0.00	25.29 1.99 0.00	60.66 1.31 -43.69	30.20 1.59 -9.73	47.34 1.41 -26.96	38.87 1.77 -13.49	37.15 2.48 -6.24	36.53 3.33 -1.23	35.62 3.16 -2.36	38.22 3.52 0.00	49.32 3.78 0.00	42.80 3.03 0.00	43.57 2.90 0.00	36.85 2.70 0.00	34.02 2.30 0.00	31.71 1.91 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	27.98 -0.94 0.00	22.72 -0.80 0.00	24.87 -0.72 0.00	23.89 -0.61 0.00	23.18 -0.58 0.00	27.77 -0.68 0.00	37.17 -0.47 0.00	38.81 -0.45 0.00	30.38 -0.19 0.00	23.51 0.21 0.00	16.10 0.44 0.00	19.59 0.71 0.00	19.83 0.86 0.00	24.59 0.98 0.00	29.76 1.32 0.00	33.21 1.25 0.00	31.07 0.98 0.00	35.17 0.47 0.00	45.97 0.44 0.00	40.31 0.54 0.00	41.27 0.59 0.00	34.57 0.42 0.00	32.09 0.37 0.00	29.95 0.15 0.00

MORRIS RIDGE___SOLAR 323848	28.13 -0.79 0.00	22.74 -0.77 0.00	24.76 -0.84 0.00	23.73 -0.77 0.00	23.01 -0.75 0.00	27.73 -0.71 0.00	36.97 -0.66 0.00	38.23 -1.03 0.00	29.60 -0.97 0.00	22.56 -0.75 0.00	15.31 -0.35 0.00	18.62 -0.26 0.00	18.89 -0.08 0.00	23.29 -0.32 0.00	28.32 -0.12 0.00	31.68 -0.29 0.00	29.83 -0.26 0.00	34.11 -0.59 0.00	44.95 -0.59 0.00	39.46 -0.31 0.00	40.23 -0.45 0.00	33.69 -0.46 0.00	31.33 -0.39 0.00	29.54 -0.26 0.00
MORTIMER_115KV_TB3 55949	28.47 -0.45 0.00	23.13 -0.38 0.00	25.23 -0.36 0.00	24.13 -0.37 0.00	23.44 -0.32 0.00	28.21 -0.23 0.00	37.44 -0.20 0.00	38.99 -0.27 0.00	30.41 -0.16 0.00	23.22 -0.08 0.00	15.71 0.06 0.00	19.03 0.15 0.00	19.24 0.27 0.00	23.96 0.35 0.00	28.89 0.45 0.00	32.31 0.35 0.00	30.34 0.25 0.00	34.91 0.21 0.00	45.83 0.29 0.00	39.95 0.18 0.00	40.89 0.21 0.00	34.23 0.08 0.00	31.77 0.05 0.00	29.82 0.02 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.83 0.86 -0.06	24.14 0.62 0.00	26.21 0.61 0.00	25.08 0.58 0.00	24.35 0.59 0.00	29.10 0.65 0.00	38.79 1.16 0.00	40.84 1.58 0.00	31.99 1.43 0.00	24.58 1.28 0.00	60.18 0.85 -43.68	29.42 1.01 -9.53	46.92 0.99 -26.95	35.44 1.25 -10.58	34.25 1.53 -4.27	33.83 1.87 0.00	34.24 1.78 -2.37	36.65 1.96 0.00	47.55 2.02 0.00	41.31 1.54 0.00	42.15 1.48 0.00	35.51 1.36 0.00	33.06 1.35 0.00	30.93 1.13 0.00
MUNSVILLE_WIND_PWR 323609	30.11 1.19 0.00	24.46 0.95 0.00	26.65 1.05 0.00	25.54 1.04 0.00	24.83 1.07 0.00	29.94 1.50 0.00	40.06 2.43 0.00	41.82 2.56 0.00	32.18 1.61 0.00	24.26 0.95 0.00	16.25 0.60 0.00	19.66 0.78 0.00	19.85 0.87 0.00	24.75 1.14 0.00	29.88 1.44 0.00	33.60 1.64 0.00	31.78 1.69 0.00	36.88 2.18 0.00	49.01 3.47 0.00	43.06 3.30 0.00	44.03 3.36 0.00	36.70 2.55 0.00	33.93 2.22 0.00	31.48 1.69 0.00
N SALMON___HYD 24042	29.97 1.05 0.00	24.35 0.83 0.00	26.48 0.88 0.00	25.34 0.85 0.00	24.64 0.88 0.00	29.57 1.12 0.00	39.12 1.49 0.00	41.10 1.84 0.00	31.96 1.39 0.00	24.26 0.96 0.00	16.29 0.63 0.00	19.61 0.73 0.00	19.70 0.73 0.00	24.58 0.97 0.00	29.65 1.21 0.00	33.15 1.19 0.00	31.15 1.06 0.00	35.99 1.29 0.00	47.53 2.00 0.00	41.80 2.04 0.00	42.65 1.98 0.00	35.44 1.29 0.00	32.53 0.81 0.00	30.84 1.05 0.00
N.AKRON__115KV_KNAPP 355671	28.52 -0.39 0.00	23.18 -0.33 0.00	25.34 -0.26 0.00	24.22 -0.28 0.00	23.51 -0.25 0.00	28.35 -0.09 0.00	37.52 -0.11 0.00	38.82 -0.44 0.00	30.32 -0.25 0.00	23.18 -0.12 0.00	15.74 0.08 0.00	19.04 0.16 0.00	19.33 0.36 0.00	24.04 0.42 0.00	29.08 0.64 0.00	32.28 0.32 0.00	30.17 0.08 0.00	34.61 -0.09 0.00	45.25 -0.29 0.00	39.46 -0.31 0.00	40.50 -0.17 0.00	34.01 -0.14 0.00	31.65 -0.07 0.00	29.81 0.02 0.00
N.E_GEN_SANDY PD 24062	28.84 0.29 0.36	23.86 0.35 0.00	25.91 0.31 0.00	24.85 0.36 0.00	24.13 0.37 0.00	28.72 0.27 0.00	37.91 0.46 0.18	39.36 0.67 0.57	32.41 0.64 -1.20	23.81 0.51 0.00	-201.17 0.31 217.14	22.68 0.37 -3.43	-144.72 0.37 164.07	-40.36 0.44 64.42	2.91 0.49 26.02	32.64 0.67 0.00	31.60 0.55 -0.95	34.84 0.62 0.48	46.24 0.70 0.00	40.33 0.57 0.00	41.97 0.60 -0.70	35.19 0.65 -0.39	32.60 0.61 -0.27	30.38 0.55 -0.03
N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.63 0.67 -0.05	23.99 0.47 0.00	26.04 0.44 0.00	24.92 0.42 0.00	24.18 0.42 0.00	28.90 0.46 0.00	38.51 0.88 0.00	40.50 1.24 0.00	31.67 1.10 0.00	24.29 0.99 0.00	36.69 0.65 -20.38	5.57 0.78 14.08	43.29 0.77 -23.55	33.83 0.98 -9.24	33.37 1.20 -3.73	33.47 1.51 0.00	28.00 1.45 3.54	36.31 1.61 0.00	47.24 1.71 0.00	41.07 1.31 0.00	41.92 1.25 0.00	35.27 1.12 0.00	32.84 1.12 0.00	30.72 0.93 0.00
N.QUEENS_27_KV_LOAD 356247	29.88 0.91 -0.06	24.18 0.66 0.00	26.20 0.60 0.00	25.08 0.59 0.00	24.35 0.59 0.00	29.09 0.64 0.00	38.70 1.07 0.00	40.90 1.65 0.00	32.07 1.50 0.00	24.61 1.30 0.00	60.19 0.86 -43.68	29.46 1.04 -9.54	46.90 0.98 -26.95	35.49 1.30 -10.58	34.30 1.58 -4.27	33.84 1.88 0.00	34.29 1.83 -2.37	36.66 1.97 0.00	47.46 1.93 0.00	41.19 1.43 0.00	42.05 1.38 0.00	35.48 1.33 0.00	33.07 1.35 0.00	30.89 1.10 0.00
N.TROY___115KV_TB1 355778	29.43 0.58 0.06	24.09 0.57 0.00	26.17 0.57 0.00	25.08 0.59 0.00	24.35 0.59 0.00	29.03 0.58 0.00	38.48 0.85 0.00	40.23 0.97 0.00	31.37 0.80 0.00	23.84 0.54 0.00	-22.67 0.31 38.64	21.04 0.36 -1.80	-10.57 0.35 29.90	12.28 0.40 11.74	24.12 0.42 4.74	32.53 0.57 0.00	31.03 0.48 -0.47	35.31 0.62 0.00	46.40 0.86 0.00	40.56 0.80 0.00	41.48 0.81 0.00	34.96 0.81 0.00	32.46 0.74 0.00	30.48 0.69 0.00
NARROWS_GT1_1 24228	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
NARROWS_GT1_2 24229	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
NARROWS_GT1_3 24230	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
NARROWS_GT1_4 24231	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
NARROWS_GT1_5 24232	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00

NARROWS_GT1_6 24233	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
NARROWS_GT1_7 24234	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
NARROWS_GT1_8 24235	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
NARROWS_GT2_1 24236	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
NARROWS_GT2_2 24237	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
NARROWS_GT2_3 24238	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
NARROWS_GT2_4 24239	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
NARROWS_GT2_5 24240	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
NARROWS_GT2_6 24241	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
NARROWS_GT2_7 24242	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
NARROWS_GT2_8 24243	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.26 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	29.74 0.85 0.02	24.28 0.77 0.00	26.40 0.80 0.00	25.28 0.78 0.00	24.54 0.78 0.00	29.29 0.84 0.00	38.95 1.32 0.00	40.95 1.70 0.00	31.78 1.22 0.00	23.94 0.64 0.00	15.93 0.27 0.00	19.18 0.30 0.00	19.31 0.34 0.00	23.99 0.38 0.00	28.87 0.43 0.00	32.50 0.53 0.00	30.62 0.53 0.00	35.53 0.83 0.00	47.04 1.51 0.00	41.30 1.53 0.00	42.27 1.60 0.00	35.44 1.28 0.00	32.75 1.03 0.00	30.69 0.89 0.00
NCHELSEA_115KV_TR2 355582	29.80 0.84 -0.05	24.16 0.64 0.00	26.23 0.64 0.00	25.11 0.61 0.00	24.36 0.61 0.00	29.12 0.67 0.00	38.78 1.14 0.00	40.76 1.50 0.00	31.83 1.27 0.00	24.37 1.06 0.00	44.84 0.69 -28.49	19.75 0.83 -0.05	41.02 0.81 -21.23	32.97 1.03 -8.34	33.08 1.27 -3.37	33.57 1.60 0.00	31.66 1.57 0.00	36.52 1.82 0.00	47.60 2.06 0.00	41.41 1.64 0.00	42.26 1.59 0.00	35.53 1.38 0.00	33.02 1.30 0.00	30.89 1.09 0.00
NEG CAPITAL____MECHNVIL 23645	29.98 1.12 0.06	24.48 0.97 0.00	26.61 1.02 0.00	25.48 0.99 0.00	24.74 0.98 0.00	29.56 1.11 0.00	39.22 1.59 0.00	40.99 1.74 0.00	31.88 1.31 0.00	24.17 0.87 0.00	-16.67 0.55 32.88	21.22 0.65 -1.69	-5.92 0.64 25.53	14.34 0.76 10.02	25.21 0.82 4.05	32.98 1.01 0.00	31.49 0.97 -0.44	36.01 1.31 0.00	47.42 1.88 0.00	41.47 1.70 0.00	42.37 1.70 0.00	35.62 1.46 0.00	33.04 1.32 0.00	30.98 1.18 0.00
NEG CENTRAL_HIGH_ACRES 23767	27.95 -0.96 0.00	22.72 -0.79 0.00	24.78 -0.82 0.00	23.70 -0.79 0.00	23.01 -0.75 0.00	27.71 -0.73 0.00	36.78 -0.85 0.00	38.27 -0.99 0.00	29.79 -0.78 0.00	22.72 -0.58 0.00	15.35 -0.31 0.00	18.59 -0.29 0.00	18.75 -0.23 0.00	23.37 -0.24 0.00	28.23 -0.21 0.00	31.63 -0.33 0.00	29.73 -0.36 0.00	34.26 -0.43 0.00	45.02 -0.52 0.00	39.23 -0.54 0.00	40.10 -0.57 0.00	33.57 -0.58 0.00	31.15 -0.56 0.00	29.23 -0.56 0.00



NEG CENTRAL___DRP 24199	28.58 -0.33 0.00	23.20 -0.31 0.00	25.26 -0.34 0.00	24.19 -0.30 0.00	23.49 -0.27 0.00	28.24 -0.21 0.00	37.51 -0.12 0.00	39.07 -0.18 0.00	30.37 -0.20 0.00	23.06 -0.24 0.00	15.54 -0.11 0.00	18.79 -0.09 0.00	18.98 0.00 0.00	23.61 0.00 0.00	28.49 0.06 0.00	32.01 0.05 0.00	30.11 0.02 0.00	34.73 0.03 0.00	45.77 0.24 0.00	40.19 0.42 0.00	41.06 0.39 0.00	34.39 0.23 0.00	31.95 0.23 0.00	29.93 0.13 0.00
NEG CENTRAL___INDECK 23768	29.22 0.30 0.00	23.65 0.14 0.00	25.75 0.15 0.00	24.64 0.14 0.00	23.95 0.19 0.00	28.90 0.45 0.00	38.58 0.95 0.00	40.10 0.85 0.00	30.93 0.36 0.00	23.41 0.10 0.00	15.85 0.19 0.00	19.25 0.37 0.00	19.54 0.57 0.00	24.22 0.61 0.00	29.31 0.87 0.00	32.79 0.83 0.00	30.97 0.88 0.00	35.61 0.91 0.00	47.22 1.68 0.00	41.47 1.70 0.00	42.40 1.73 0.00	35.39 1.24 0.00	32.76 1.04 0.00	30.73 0.93 0.00
NEG CENTRAL___SENECA 23627	28.62 -0.29 0.00	23.21 -0.30 0.00	25.26 -0.33 0.00	24.20 -0.29 0.00	23.51 -0.25 0.00	28.29 -0.16 0.00	37.59 -0.04 0.00	39.15 -0.11 0.00	30.42 -0.14 0.00	23.10 -0.20 0.00	15.58 -0.08 0.00	18.85 -0.03 0.00	19.05 0.08 0.00	23.71 0.09 0.00	28.67 0.23 0.00	32.20 0.23 0.00	30.28 0.18 0.00	34.86 0.16 0.00	45.96 0.42 0.00	40.29 0.52 0.00	41.13 0.46 0.00	34.44 0.29 0.00	32.01 0.30 0.00	29.98 0.18 0.00
NEG CENTRAL___STATE_STREET 24147	28.74 -0.17 0.00	23.31 -0.20 0.00	25.43 -0.17 0.00	24.36 -0.13 0.00	23.65 -0.11 0.00	28.37 -0.07 0.00	37.58 -0.05 0.00	39.16 -0.09 0.00	30.50 -0.07 0.00	23.17 -0.13 0.00	15.60 -0.05 0.00	18.79 -0.09 0.00	18.98 0.01 0.00	23.60 -0.01 0.00	28.51 0.07 0.00	31.92 -0.04 0.00	30.13 0.04 0.00	34.88 0.18 0.00	45.81 0.27 0.00	40.22 0.45 0.00	41.10 0.42 0.00	34.45 0.30 0.00	31.99 0.28 0.00	29.98 0.18 0.00
NEG MILLWOOD___DRP 24198	29.86 0.89 -0.05	24.19 0.68 0.00	26.26 0.67 0.00	25.14 0.64 0.00	24.40 0.64 0.00	29.16 0.71 0.00	38.85 1.22 0.00	40.86 1.61 0.00	31.96 1.39 0.00	24.49 1.19 0.00	52.44 0.78 -36.00	24.14 0.93 -4.33	44.19 0.91 -24.30	34.31 1.16 -9.54	33.74 1.44 -3.85	33.76 1.79 0.00	32.90 1.74 -1.07	36.69 1.99 0.00	47.77 2.24 0.00	41.53 1.76 0.00	42.37 1.69 0.00	35.64 1.48 0.00	33.11 1.39 0.00	30.96 1.17 0.00
NEG NORTH_FLCN_SEA 23793	29.84 0.93 0.00	24.29 0.77 0.00	26.39 0.79 0.00	25.29 0.79 0.00	24.59 0.83 0.00	29.49 1.04 0.00	39.31 1.68 0.00	41.61 2.35 0.00	32.40 1.83 0.00	24.54 1.24 0.00	16.43 0.78 0.00	19.85 0.97 0.00	19.96 0.98 0.00	24.88 1.27 0.00	30.03 1.59 0.00	33.54 1.58 0.00	31.76 1.67 0.00	36.56 1.87 0.00	48.15 2.62 0.00	42.29 2.52 0.00	42.92 2.25 0.00	35.39 1.23 0.00	32.23 0.51 0.00	30.82 1.03 0.00
NEG NORTH_KES_CHATEGAY 23792	29.61 0.70 0.00	24.07 0.56 0.00	26.18 0.58 0.00	25.07 0.58 0.00	24.35 0.60 0.00	29.21 0.76 0.00	38.59 0.96 0.00	40.76 1.50 0.00	31.68 1.12 0.00	24.05 0.75 0.00	16.13 0.47 0.00	19.46 0.57 0.00	19.54 0.57 0.00	24.37 0.75 0.00	29.38 0.94 0.00	32.87 0.91 0.00	31.04 0.96 0.00	35.79 1.10 0.00	47.21 1.68 0.00	41.52 1.75 0.00	42.20 1.53 0.00	34.97 0.82 0.00	32.02 0.30 0.00	30.46 0.67 0.00
NEG NORTH___ALICE_FALLS 23915	29.89 0.98 0.00	24.31 0.80 0.00	26.42 0.82 0.00	25.31 0.82 0.00	24.61 0.85 0.00	29.52 1.07 0.00	39.30 1.67 0.00	41.55 2.29 0.00	32.32 1.76 0.00	24.48 1.17 0.00	16.38 0.73 0.00	19.78 0.90 0.00	19.89 0.91 0.00	24.81 1.20 0.00	29.93 1.49 0.00	33.44 1.48 0.00	31.67 1.58 0.00	36.49 1.79 0.00	48.11 2.57 0.00	42.30 2.53 0.00	42.99 2.32 0.00	35.46 1.31 0.00	32.34 0.62 0.00	30.87 1.08 0.00
NEG NORTH___LWR_SARANAC 23913	29.89 0.98 0.00	24.31 0.80 0.00	26.42 0.82 0.00	25.31 0.82 0.00	24.61 0.85 0.00	29.52 1.07 0.00	39.30 1.67 0.00	41.55 2.29 0.00	32.32 1.76 0.00	24.48 1.17 0.00	16.38 0.73 0.00	19.78 0.90 0.00	19.89 0.91 0.00	24.81 1.20 0.00	29.93 1.49 0.00	33.44 1.48 0.00	31.67 1.58 0.00	36.49 1.79 0.00	48.11 2.57 0.00	42.30 2.53 0.00	42.99 2.32 0.00	35.46 1.31 0.00	32.34 0.62 0.00	30.87 1.08 0.00
NEG NORTH___PLATTSBURG 23628	29.89 0.98 0.00	24.31 0.80 0.00	26.42 0.82 0.00	25.31 0.82 0.00	24.61 0.85 0.00	29.52 1.07 0.00	39.30 1.67 0.00	41.55 2.29 0.00	32.32 1.75 0.00	24.48 1.17 0.00	16.38 0.73 0.00	19.78 0.90 0.00	19.89 0.91 0.00	24.81 1.20 0.00	29.93 1.49 0.00	33.44 1.48 0.00	31.66 1.57 0.00	36.49 1.79 0.00	48.11 2.57 0.00	42.30 2.53 0.00	42.99 2.31 0.00	35.46 1.31 0.00	32.34 0.62 0.00	30.87 1.08 0.00
NEG WEST_LEA_LOCKPORT 23791	28.05 -0.87 0.00	22.82 -0.70 0.00	24.95 -0.65 0.00	23.85 -0.65 0.00	23.14 -0.62 0.00	27.88 -0.57 0.00	36.80 -0.83 0.00	37.96 -1.29 0.00	29.73 -0.83 0.00	22.85 -0.45 0.00	15.55 -0.11 0.00	18.83 -0.05 0.00	19.08 0.11 0.00	23.63 0.02 0.00	28.61 0.17 0.00	31.77 -0.20 0.00	29.64 -0.45 0.00	33.85 -0.85 0.00	44.10 -1.43 0.00	38.44 -1.32 0.00	39.46 -1.21 0.00	33.20 -0.96 0.00	30.96 -0.76 0.00	29.24 -0.56 0.00
NEG WEST___LANCASTR 23811	27.91 -1.00 0.00	22.69 -0.82 0.00	24.77 -0.83 0.00	23.69 -0.80 0.00	23.01 -0.74 0.00	27.69 -0.76 0.00	36.76 -0.88 0.00	38.03 -1.23 0.00	29.74 -0.83 0.00	22.85 -0.46 0.00	15.55 -0.10 0.00	18.85 -0.03 0.00	19.08 0.11 0.00	23.64 0.03 0.00	28.61 0.17 0.00	31.91 -0.05 0.00	29.88 -0.21 0.00	34.11 -0.59 0.00	44.46 -1.08 0.00	38.84 -0.93 0.00	39.78 -0.89 0.00	33.36 -0.79 0.00	31.09 -0.63 0.00	29.23 -0.57 0.00
NEG_PENN_ALLEGHNY 23528	28.70 -0.21 0.00	23.31 -0.20 0.00	25.37 -0.23 0.00	24.30 -0.20 0.00	23.58 -0.18 0.00	28.29 -0.16 0.00	37.65 0.01 0.00	39.24 -0.02 0.00	30.51 -0.05 0.00	23.25 -0.06 0.00	15.68 0.02 0.00	18.98 0.10 0.00	19.10 0.13 0.00	23.77 0.16 0.00	28.73 0.29 0.00	32.26 0.30 0.00	30.43 0.34 0.00	35.02 0.33 0.00	45.88 0.34 0.00	40.12 0.35 0.00	40.97 0.30 0.00	34.37 0.21 0.00	31.93 0.21 0.00	29.89 0.09 0.00
NEG___GEN_MONROE 24207	28.64 -0.28 0.00	23.27 -0.24 0.00	25.39 -0.21 0.00	24.28 -0.21 0.00	23.59 -0.17 0.00	28.42 -0.02 0.00	37.73 0.10 0.00	39.24 -0.02 0.00	30.59 0.03 0.00	23.31 0.01 0.00	15.76 0.11 0.00	19.09 0.21 0.00	19.32 0.34 0.00	24.09 0.48 0.00	29.08 0.64 0.00	32.44 0.48 0.00	30.45 0.36 0.00	35.06 0.36 0.00	46.10 0.56 0.00	40.21 0.45 0.00	41.18 0.51 0.00	34.47 0.32 0.00	31.98 0.27 0.00	30.02 0.23 0.00
NEPA___ENERGY 23901	27.91 -1.00 0.00	22.65 -0.86 0.00	24.72 -0.88 0.00	23.72 -0.77 0.00	23.00 -0.76 0.00	27.64 -0.80 0.00	36.80 -0.83 0.00	38.11 -1.15 0.00	29.78 -0.78 0.00	22.86 -0.45 0.00	15.61 -0.05 0.00	18.96 0.08 0.00	19.19 0.21 0.00	23.80 0.19 0.00	28.83 0.39 0.00	32.21 0.25 0.00	30.25 0.16 0.00	34.50 -0.20 0.00	44.93 -0.61 0.00	39.36 -0.41 0.00	40.23 -0.44 0.00	33.77 -0.39 0.00	31.46 -0.26 0.00	29.45 -0.34 0.00

NEVERSINK___HYD 23608	29.34 0.39 -0.03	23.78 0.26 0.00	25.83 0.23 0.00	24.70 0.20 0.00	23.97 0.21 0.00	28.69 0.24 0.00	38.20 0.57 0.00	40.11 0.85 0.00	31.29 0.72 0.00	23.87 0.56 0.00	33.95 0.32 -17.96	15.75 0.36 3.49	34.74 0.29 -15.47	29.40 -0.29 -6.08	30.55 -0.35 -2.45	31.72 -0.24 0.00	29.16 -0.05 0.88	34.68 -0.02 0.00	45.40 -0.13 0.00	39.58 -0.18 0.00	40.55 -0.12 0.00	34.98 0.83 0.00	32.49 0.77 0.00	30.39 0.59 0.00
NEWKRMKL_115KV_TB1 55635	29.26 0.39 0.04	23.93 0.41 0.00	25.99 0.40 0.00	24.91 0.41 0.00	24.18 0.42 0.00	28.80 0.35 0.00	38.17 0.54 0.00	39.93 0.67 0.00	31.16 0.59 0.00	23.72 0.41 0.00	-10.49 0.09 26.24	20.69 0.07 -1.73	-1.54 0.09 20.60	15.58 0.06 8.09	25.23 0.06 3.27	32.05 0.09 0.00	30.62 0.08 -0.45	34.80 0.10 0.00	45.63 0.09 0.00	39.81 0.05 0.00	40.70 0.03 0.00	34.26 0.10 0.00	31.79 0.07 0.00	29.85 0.05 0.00
NEWTON___FALLS_HYD 23847	30.08 1.17 0.00	24.41 0.90 0.00	26.54 0.94 0.00	25.40 0.91 0.00	24.71 0.95 0.00	29.69 1.25 0.00	39.41 1.78 0.00	40.75 1.50 0.00	31.53 0.96 0.00	23.94 0.64 0.00	16.05 0.39 0.00	19.29 0.41 0.00	19.33 0.35 0.00	24.11 0.50 0.00	29.07 0.63 0.00	32.47 0.50 0.00	30.45 0.36 0.00	35.10 0.40 0.00	46.69 1.16 0.00	41.37 1.60 0.00	42.56 1.89 0.00	35.71 1.56 0.00	33.08 1.36 0.00	31.03 1.24 0.00
NGRID_A1_DSASP 323792	27.68 -1.24 0.00	22.55 -0.96 0.00	24.67 -0.93 0.00	23.57 -0.92 0.00	22.87 -0.89 0.00	27.55 -0.90 0.00	36.33 -1.30 0.00	37.39 -1.87 0.00	29.32 -1.25 0.00	22.57 -0.74 0.00	15.36 -0.30 0.00	18.61 -0.27 0.00	18.80 -0.17 0.00	23.28 -0.33 0.00	28.18 -0.26 0.00	31.36 -0.61 0.00	29.17 -0.92 0.00	33.18 -1.51 0.00	43.15 -2.39 0.00	37.56 -2.20 0.00	38.59 -2.08 0.00	32.49 -1.66 0.00	30.39 -1.33 0.00	28.86 -0.93 0.00
NGRID_A2_DSASP 323793	27.68 -1.24 0.00	22.55 -0.96 0.00	24.67 -0.93 0.00	23.57 -0.92 0.00	22.87 -0.89 0.00	27.55 -0.90 0.00	36.33 -1.30 0.00	37.39 -1.87 0.00	29.32 -1.25 0.00	22.57 -0.74 0.00	15.36 -0.30 0.00	18.61 -0.27 0.00	18.80 -0.17 0.00	23.28 -0.33 0.00	28.18 -0.26 0.00	31.36 -0.61 0.00	29.17 -0.92 0.00	33.18 -1.51 0.00	43.15 -2.39 0.00	37.56 -2.20 0.00	38.59 -2.08 0.00	32.49 -1.66 0.00	30.39 -1.33 0.00	28.86 -0.93 0.00
NGRID_A4_DSASP 323807	27.68 -1.24 0.00	22.55 -0.96 0.00	24.67 -0.93 0.00	23.57 -0.92 0.00	22.87 -0.89 0.00	27.55 -0.90 0.00	36.33 -1.30 0.00	37.39 -1.87 0.00	29.32 -1.25 0.00	22.57 -0.74 0.00	15.36 -0.30 0.00	18.61 -0.27 0.00	18.80 -0.17 0.00	23.28 -0.33 0.00	28.18 -0.26 0.00	31.36 -0.61 0.00	29.17 -0.92 0.00	33.18 -1.51 0.00	43.15 -2.39 0.00	37.56 -2.20 0.00	38.59 -2.08 0.00	32.49 -1.66 0.00	30.39 -1.33 0.00	28.86 -0.93 0.00
NIAGARA_115E_LBMP 323715	27.76 -1.16 0.00	22.59 -0.92 0.00	24.71 -0.89 0.00	23.62 -0.87 0.00	22.91 -0.85 0.00	27.61 -0.84 0.00	36.40 -1.23 0.00	37.47 -1.79 0.00	29.37 -1.19 0.00	22.60 -0.71 0.00	15.38 -0.27 0.00	18.63 -0.25 0.00	18.82 -0.15 0.00	23.31 -0.30 0.00	28.24 -0.19 0.00	31.31 -0.66 0.00	29.15 -0.94 0.00	33.27 -1.43 0.00	43.27 -2.27 0.00	37.69 -2.08 0.00	38.73 -1.95 0.00	32.66 -1.49 0.00	30.47 -1.24 0.00	28.81 -0.98 0.00
NIAGARA_115W_LBMP 323714	27.63 -1.29 0.00	22.51 -1.00 0.00	24.62 -0.98 0.00	23.53 -0.97 0.00	22.83 -0.93 0.00	27.49 -0.96 0.00	36.25 -1.38 0.00	37.31 -1.95 0.00	29.26 -1.31 0.00	22.52 -0.78 0.00	15.32 -0.33 0.00	18.57 -0.31 0.00	18.76 -0.21 0.00	23.23 -0.38 0.00	28.12 -0.33 0.00	31.28 -0.69 0.00	29.09 -1.00 0.00	33.09 -1.60 0.00	43.02 -2.52 0.00	37.45 -2.32 0.00	38.48 -2.19 0.00	32.41 -1.74 0.00	30.32 -1.40 0.00	28.80 -1.00 0.00
NIAGARA_230_LBMP 323716	27.80 -1.11 0.00	22.64 -0.87 0.00	24.77 -0.83 0.00	23.67 -0.82 0.00	22.97 -0.79 0.00	27.65 -0.80 0.00	36.49 -1.14 0.00	37.60 -1.66 0.00	29.46 -1.11 0.00	22.66 -0.64 0.00	15.42 -0.24 0.00	18.68 -0.20 0.00	18.87 -0.10 0.00	23.38 -0.23 0.00	28.29 -0.15 0.00	31.48 -0.49 0.00	29.38 -0.71 0.00	33.54 -1.16 0.00	43.65 -1.89 0.00	38.03 -1.74 0.00	39.05 -1.62 0.00	32.83 -1.32 0.00	30.66 -1.06 0.00	28.99 -0.80 0.00
NIAGARA___115KV_198_GIBSON 55903	27.63 -1.28 0.00	22.51 -1.00 0.00	24.62 -0.98 0.00	23.53 -0.97 0.00	22.83 -0.93 0.00	27.49 -0.95 0.00	36.24 -1.39 0.00	37.31 -1.95 0.00	29.26 -1.31 0.00	22.53 -0.78 0.00	15.33 -0.32 0.00	18.56 -0.32 0.00	18.80 -0.18 0.00	23.26 -0.35 0.00	28.12 -0.32 0.00	31.28 -0.69 0.00	29.09 -0.99 0.00	33.09 -1.60 0.00	43.03 -2.51 0.00	37.46 -2.30 0.00	38.48 -2.19 0.00	32.41 -1.74 0.00	30.32 -1.40 0.00	28.80 -0.99 0.00
NIAGARA____ 23760	27.80 -1.11 0.00	22.64 -0.87 0.00	24.77 -0.83 0.00	23.67 -0.82 0.00	22.97 -0.79 0.00	27.65 -0.80 0.00	36.49 -1.14 0.00	37.60 -1.66 0.00	29.46 -1.11 0.00	22.66 -0.64 0.00	15.42 -0.24 0.00	18.68 -0.20 0.00	18.87 -0.10 0.00	23.38 -0.23 0.00	28.29 -0.15 0.00	31.48 -0.49 0.00	29.38 -0.71 0.00	33.54 -1.16 0.00	43.65 -1.89 0.00	38.03 -1.74 0.00	39.05 -1.62 0.00	32.83 -1.32 0.00	30.66 -1.06 0.00	28.99 -0.80 0.00
NINE_MILE_1 23575	27.90 -1.01 0.00	22.68 -0.84 0.00	24.70 -0.90 0.00	23.63 -0.87 0.00	22.93 -0.83 0.00	27.49 -0.96 0.00	36.43 -1.20 0.00	37.98 -1.28 0.00	29.56 -1.00 0.00	22.52 -0.78 0.00	15.16 -0.50 0.00	18.30 -0.59 0.00	18.40 -0.58 0.00	22.90 -0.71 0.00	27.59 -0.84 0.00	30.96 -1.00 0.00	29.15 -0.94 0.00	33.66 -1.04 0.00	44.21 -1.33 0.00	38.57 -1.20 0.00	39.43 -1.24 0.00	33.11 -1.05 0.00	30.78 -0.94 0.00	28.90 -0.90 0.00
NINE_MILE_2 23744	27.90 -1.01 0.00	22.68 -0.83 0.00	24.70 -0.90 0.00	23.63 -0.87 0.00	22.93 -0.83 0.00	27.49 -0.96 0.00	36.43 -1.20 0.00	37.98 -1.27 0.00	29.57 -1.00 0.00	22.53 -0.78 0.00	15.16 -0.50 0.00	18.30 -0.59 0.00	18.40 -0.58 0.00	22.90 -0.71 0.00	27.59 -0.84 0.00	30.96 -1.00 0.00	29.15 -0.93 0.00	33.66 -1.04 0.00	44.21 -1.33 0.00	38.57 -1.20 0.00	39.43 -1.24 0.00	33.11 -1.05 0.00	30.78 -0.94 0.00	28.90 -0.90 0.00
NM_CAPITAL___DRP 24208	29.20 0.34 0.05	23.90 0.39 0.00	25.97 0.37 0.00	24.88 0.39 0.00	24.15 0.39 0.00	28.76 0.31 0.00	38.12 0.48 0.00	39.86 0.61 0.00	31.13 0.56 0.00	23.70 0.39 0.00	-13.11 0.11 28.88	20.78 0.11 -1.79	-3.50 0.13 22.61	14.83 0.10 8.88	24.94 0.09 3.59	32.11 0.15 0.00	30.66 0.10 -0.46	34.82 0.12 0.00	45.66 0.13 0.00	39.85 0.08 0.00	40.74 0.07 0.00	34.32 0.16 0.00	31.85 0.13 0.00	29.91 0.12 0.00
NM_CENTRAL___DRP 24181	28.39 -0.52 0.00	23.07 -0.44 0.00	25.11 -0.49 0.00	24.03 -0.47 0.00	23.32 -0.44 0.00	27.97 -0.47 0.00	37.13 -0.50 0.00	38.72 -0.53 0.00	30.12 -0.44 0.00	22.94 -0.37 0.00	15.45 -0.21 0.00	18.68 -0.20 0.00	18.79 -0.18 0.00	23.40 -0.21 0.00	28.20 -0.24 0.00	31.62 -0.34 0.00	29.80 -0.29 0.00	34.41 -0.29 0.00	45.21 -0.32 0.00	39.46 -0.30 0.00	40.33 -0.34 0.00	33.82 -0.33 0.00	31.45 -0.27 0.00	29.49 -0.31 0.00

NM_FRONTIER___DRP 24179	27.63 -1.28 0.00	22.51 -1.00 0.00	24.62 -0.98 0.00	23.53 -0.97 0.00	22.83 -0.93 0.00	27.49 -0.95 0.00	36.24 -1.39 0.00	37.31 -1.95 0.00	29.26 -1.31 0.00	22.53 -0.78 0.00	15.33 -0.32 0.00	18.56 -0.32 0.00	18.80 -0.18 0.00	23.26 -0.35 0.00	28.12 -0.32 0.00	31.28 -0.69 0.00	29.09 -0.99 0.00	33.09 -1.60 0.00	43.03 -2.51 0.00	37.46 -2.30 0.00	38.48 -2.19 0.00	32.41 -1.74 0.00	30.32 -1.40 0.00	28.80 -0.99 0.00
NM_ST_REGIS___HYD 24053	30.06 1.15 0.00	24.42 0.90 0.00	26.57 0.97 0.00	25.43 0.94 0.00	24.75 0.99 0.00	29.70 1.26 0.00	39.28 1.65 0.00	40.81 1.55 0.00	31.63 1.06 0.00	24.04 0.74 0.00	16.13 0.48 0.00	19.43 0.55 0.00	19.50 0.53 0.00	24.33 0.72 0.00	29.31 0.87 0.00	32.71 0.74 0.00	30.61 0.52 0.00	35.23 0.54 0.00	46.64 1.11 0.00	41.11 1.35 0.00	42.23 1.56 0.00	35.37 1.22 0.00	32.70 0.98 0.00	30.85 1.06 0.00
NORTHPORT___1 23551	30.06 1.07 -0.08	24.21 0.69 0.00	26.25 0.65 0.00	25.15 0.65 0.00	24.42 0.66 0.00	29.23 0.78 0.00	38.69 1.06 0.00	40.99 1.73 0.00	31.99 1.43 0.00	24.55 1.24 0.00	60.17 0.83 -43.69	29.58 1.01 -9.69	46.88 0.96 -26.94	37.78 1.12 -13.04	36.00 1.54 -6.02	35.08 1.90 -1.22	27.66 1.68 4.11	31.93 1.75 4.52	47.03 1.50 0.00	40.81 1.05 0.00	41.66 0.99 0.00	35.34 1.18 0.00	32.83 1.11 0.00	30.82 1.02 0.00
NORTHPORT___2 23552	30.06 1.07 -0.08	24.21 0.69 0.00	26.25 0.65 0.00	25.15 0.65 0.00	24.42 0.66 0.00	29.23 0.78 0.00	38.69 1.06 0.00	40.99 1.73 0.00	31.99 1.43 0.00	24.55 1.24 0.00	60.17 0.83 -43.69	29.58 1.01 -9.69	46.88 0.96 -26.94	37.78 1.12 -13.04	36.00 1.54 -6.02	35.08 1.90 -1.22	32.27 1.68 -0.50	35.14 1.75 1.30	47.03 1.50 0.00	40.81 1.05 0.00	41.66 0.99 0.00	35.34 1.18 0.00	32.83 1.11 0.00	30.82 1.02 0.00
NORTHPORT___3 23553	30.04 1.05 -0.07	24.21 0.69 0.00	26.23 0.63 0.00	25.12 0.62 0.00	24.40 0.64 0.00	29.19 0.75 0.00	38.72 1.09 0.00	40.94 1.68 0.00	32.00 1.44 0.00	24.54 1.23 0.00	60.17 0.83 -43.69	29.58 1.02 -9.69	46.91 1.00 -26.94	37.82 1.18 -13.03	36.05 1.59 -6.02	35.18 1.99 -1.23	34.13 1.68 -2.36	36.56 1.86 0.00	47.27 1.73 0.00	41.00 1.24 0.00	41.84 1.17 0.00	35.42 1.27 0.00	32.89 1.18 0.00	30.85 1.05 0.00
NORTHPORT___4 23650	30.04 1.05 -0.07	24.21 0.69 0.00	26.23 0.63 0.00	25.12 0.62 0.00	24.40 0.64 0.00	29.19 0.75 0.00	38.72 1.09 0.00	40.94 1.68 0.00	32.00 1.44 0.00	24.54 1.23 0.00	60.17 0.83 -43.69	29.58 1.02 -9.69	46.91 1.00 -26.94	37.82 1.18 -13.03	36.05 1.59 -6.02	35.18 1.99 -1.23	34.13 1.68 -2.36	36.56 1.86 0.00	47.27 1.73 0.00	41.00 1.24 0.00	41.84 1.17 0.00	35.42 1.27 0.00	32.89 1.18 0.00	30.85 1.05 0.00
NORTHPORT___IC 23718	30.07 1.08 -0.08	24.21 0.69 0.00	26.25 0.66 0.00	25.14 0.65 0.00	24.43 0.67 0.00	29.23 0.78 0.00	38.69 1.06 0.00	41.00 1.74 0.00	31.99 1.42 0.00	24.55 1.24 0.00	60.16 0.81 -43.69	29.57 1.01 -9.69	46.82 0.91 -26.94	37.76 1.10 -13.04	35.98 1.52 -6.02	35.08 1.90 -1.22	27.69 1.70 4.10	31.93 1.76 4.52	47.03 1.49 0.00	40.81 1.05 0.00	41.66 0.99 0.00	35.33 1.18 0.00	32.83 1.11 0.00	30.82 1.02 0.00
NORTH___COUNTRY_ESR 323785	29.54 0.62 0.00	24.02 0.51 0.00	26.12 0.52 0.00	25.01 0.51 0.00	24.30 0.54 0.00	29.14 0.69 0.00	38.49 0.85 0.00	40.63 1.37 0.00	31.61 1.05 0.00	24.03 0.72 0.00	16.12 0.47 0.00	19.45 0.57 0.00	19.54 0.57 0.00	24.36 0.75 0.00	29.37 0.93 0.00	32.84 0.88 0.00	30.95 0.86 0.00	35.72 1.02 0.00	47.06 1.53 0.00	41.29 1.52 0.00	42.00 1.32 0.00	34.82 0.67 0.00	31.92 0.20 0.00	30.38 0.58 0.00
NPX_GEN_1385_PROXY 323591	29.80 0.82 -0.08	24.02 0.50 0.00	26.18 0.58 0.00	25.14 0.65 0.00	24.41 0.65 0.00	29.15 0.70 0.00	38.37 0.73 0.00	40.78 1.52 0.00	31.68 1.11 0.00	24.23 0.93 0.00	59.92 0.57 -43.69	29.27 0.70 -9.69	46.57 0.66 -26.94	33.25 0.69 -8.95	28.49 1.01 0.96	31.50 1.31 1.77	27.21 1.23 4.11	31.38 1.21 4.52	46.31 0.77 0.00	40.26 0.49 0.00	41.20 0.52 0.00	35.41 1.26 0.00	32.79 1.07 0.00	30.76 0.96 0.00
NPX_GEN_CSC 323557	29.76 0.78 -0.08	23.98 0.47 0.00	25.94 0.34 0.00	24.85 0.35 0.00	24.16 0.40 0.00	28.92 0.48 0.00	38.40 0.77 0.00	40.71 1.46 0.00	31.82 1.25 0.00	24.39 1.09 0.00	60.04 0.69 -43.69	29.43 0.82 -9.73	46.59 0.66 -26.96	37.90 0.81 -13.48	35.92 1.25 -6.23	35.05 1.85 -1.23	34.19 1.74 -2.36	36.56 1.87 0.00	47.24 1.71 0.00	40.99 1.22 0.00	41.80 1.13 0.00	35.39 1.24 0.00	32.75 1.03 0.00	30.60 0.81 0.00
NSINS_S_GLNS_FALLS 23858	30.56 1.70 0.05	24.94 1.43 0.00	27.08 1.48 0.00	25.94 1.44 0.00	25.22 1.46 0.00	30.16 1.71 0.00	39.99 2.36 0.00	41.81 2.55 0.00	32.50 1.93 0.00	24.54 1.24 0.00	-12.12 0.79 28.56	21.43 0.94 -1.62	-2.42 0.87 22.27	15.80 0.94 8.74	25.81 0.90 3.53	32.97 1.01 0.00	31.47 0.96 -0.42	36.03 1.33 0.00	47.55 2.02 0.00	41.75 1.98 0.00	42.71 2.03 0.00	35.95 1.79 0.00	33.36 1.65 0.00	31.23 1.43 0.00
NUCOR_STEEL___DRP 24197	28.72 -0.20 0.00	23.29 -0.22 0.00	25.43 -0.17 0.00	24.35 -0.14 0.00	23.64 -0.12 0.00	28.36 -0.08 0.00	37.54 -0.10 0.00	39.11 -0.14 0.00	30.49 -0.08 0.00	23.16 -0.14 0.00	15.60 -0.06 0.00	18.77 -0.11 0.00	18.98 0.00 0.00	23.58 -0.03 0.00	28.49 0.06 0.00	31.88 -0.08 0.00	30.10 0.01 0.00	34.85 0.16 0.00	45.74 0.20 0.00	40.17 0.40 0.00	41.04 0.36 0.00	34.41 0.25 0.00	31.95 0.24 0.00	29.95 0.16 0.00
NUMBER_THREE_WT_PWR 323818	30.06 1.14 0.00	24.38 0.87 0.00	26.49 0.90 0.00	25.36 0.86 0.00	24.65 0.89 0.00	29.64 1.20 0.00	39.44 1.81 0.00	40.76 1.51 0.00	31.51 0.94 0.00	23.90 0.60 0.00	16.01 0.35 0.00	19.25 0.37 0.00	19.28 0.31 0.00	24.06 0.45 0.00	29.04 0.60 0.00	32.48 0.52 0.00	30.56 0.47 0.00	35.35 0.66 0.00	47.15 1.61 0.00	41.85 2.08 0.00	43.00 2.33 0.00	36.02 1.87 0.00	33.34 1.63 0.00	31.19 1.40 0.00
NYISO_LBMP_REFERENCE 24008	28.91 0.00 0.00	23.51 0.00 0.00	25.60 0.00 0.00	24.49 0.00 0.00	23.76 0.00 0.00	28.45 0.00 0.00	37.63 0.00 0.00	39.26 0.00 0.00	30.57 0.00 0.00	23.31 0.00 0.00	15.66 0.00 0.00	18.88 0.00 0.00	18.97 0.00 0.00	23.61 0.00 0.00	28.44 0.00 0.00	31.96 0.00 0.00	30.09 0.00 0.00	34.70 0.00 0.00	45.54 0.00 0.00	39.77 0.00 0.00	40.67 0.00 0.00	34.15 0.00 0.00	31.72 0.00 0.00	29.80 0.00 0.00
NYPA_BRENTWD____GT 24164	30.35 1.36 -0.09	24.43 0.92 0.00	26.47 0.88 0.00	25.35 0.85 0.00	24.62 0.86 0.00	29.48 1.04 0.00	39.11 1.47 0.00	41.45 2.19 0.00	32.38 1.81 0.00	24.83 1.52 0.00	60.36 1.01 -43.69	29.90 1.23 -9.79	47.14 1.19 -26.97	39.08 1.45 -14.01	36.89 1.96 -6.49	35.65 2.43 -1.26	34.70 2.24 -2.36	37.11 2.41 0.00	47.95 2.42 0.00	41.61 1.85 0.00	42.45 1.77 0.00	35.93 1.78 0.00	33.32 1.60 0.00	31.20 1.41 0.00

NYPA_GOWANUS____GT5 24156	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.25 1.49 0.00	42.12 1.44 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
NYPA_GOWANUS____GT6 24157	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.66 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.85 1.22 0.00	40.98 1.73 0.00	32.11 1.55 0.00	24.66 1.35 0.00	60.23 0.89 -43.68	29.47 1.05 -9.54	46.99 1.07 -26.95	35.54 1.35 -10.58	34.35 1.64 -4.27	33.93 1.96 0.00	34.37 1.92 -2.37	36.73 2.04 0.00	47.49 1.95 0.00	41.25 1.49 0.00	42.12 1.44 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00
NYPA_HARLEM__RVR__GT1 24160	29.84 0.87 -0.06	24.14 0.63 0.00	26.18 0.58 0.00	25.07 0.57 0.00	24.33 0.57 0.00	29.08 0.63 0.00	38.64 1.01 0.00	40.85 1.59 0.00	32.01 1.45 0.00	24.57 1.26 0.00	60.17 0.84 -43.68	29.42 1.00 -9.54	46.90 0.98 -26.95	35.46 1.27 -10.58	34.24 1.53 -4.27	33.78 1.81 0.00	34.22 1.76 -2.37	36.60 1.90 0.00	47.37 1.83 0.00	41.11 1.34 0.00	41.97 1.29 0.00	35.40 1.25 0.00	33.00 1.28 0.00	30.82 1.02 0.00
NYPA_HARLEM__RVR__GT2 24161	29.84 0.87 -0.06	24.14 0.63 0.00	26.18 0.58 0.00	25.07 0.57 0.00	24.33 0.57 0.00	29.08 0.63 0.00	38.64 1.01 0.00	40.85 1.59 0.00	32.01 1.45 0.00	24.57 1.26 0.00	60.17 0.84 -43.68	29.42 1.00 -9.54	46.90 0.98 -26.95	35.46 1.27 -10.58	34.24 1.53 -4.27	33.78 1.81 0.00	34.22 1.76 -2.37	36.60 1.90 0.00	47.37 1.83 0.00	41.11 1.34 0.00	41.97 1.29 0.00	35.40 1.25 0.00	33.00 1.28 0.00	30.82 1.02 0.00
NYPA_KENT____GT 24152	29.86 0.89 -0.06	24.14 0.63 0.00	26.23 0.63 0.00	25.10 0.60 0.00	24.36 0.60 0.00	29.14 0.69 0.00	38.82 1.19 0.00	40.96 1.71 0.00	32.10 1.53 0.00	24.66 1.35 0.00	60.23 0.90 -43.68	29.48 1.06 -9.54	46.99 1.07 -26.95	35.55 1.36 -10.58	34.36 1.65 -4.27	33.93 1.97 0.00	34.37 1.91 -2.37	36.74 2.05 0.00	47.51 1.98 0.00	41.25 1.48 0.00	42.11 1.44 0.00	35.57 1.42 0.00	33.13 1.42 0.00	30.96 1.17 0.00
NYPA_POUCH1____GT 24155	29.87 0.90 -0.06	24.15 0.64 0.00	26.31 0.71 0.00	25.18 0.68 0.00	24.43 0.68 0.00	29.23 0.78 0.00	38.93 1.29 0.00	41.05 1.79 0.00	32.15 1.58 0.00	24.66 1.35 0.00	60.22 0.88 -43.68	29.46 1.04 -9.54	46.97 1.05 -26.95	35.52 1.33 -10.58	34.34 1.63 -4.27	33.92 1.96 0.00	34.36 1.90 -2.37	36.69 2.00 0.00	47.28 1.75 0.00	41.10 1.34 0.00	42.00 1.32 0.00	35.50 1.35 0.00	33.13 1.41 0.00	30.96 1.17 0.00
NYPA_VERNON____GT2 24162	29.84 0.87 -0.06	24.14 0.62 0.00	26.20 0.60 0.00	25.07 0.58 0.00	24.34 0.58 0.00	29.11 0.67 0.00	38.77 1.14 0.00	40.93 1.67 0.00	32.08 1.51 0.00	24.65 1.35 0.00	60.24 0.90 -43.68	29.49 1.07 -9.54	46.99 1.07 -26.95	35.55 1.36 -10.58	34.36 1.65 -4.27	33.93 1.97 0.00	34.37 1.91 -2.37	36.75 2.06 0.00	47.55 2.01 0.00	41.28 1.52 0.00	42.12 1.45 0.00	35.54 1.39 0.00	33.10 1.39 0.00	30.93 1.14 0.00
NYPA_VERNON____GT3 24163	29.84 0.87 -0.06	24.14 0.62 0.00	26.20 0.60 0.00	25.07 0.58 0.00	24.34 0.58 0.00	29.11 0.67 0.00	38.77 1.14 0.00	40.93 1.67 0.00	32.08 1.51 0.00	24.65 1.35 0.00	60.24 0.90 -43.68	29.49 1.07 -9.54	46.99 1.07 -26.95	35.55 1.36 -10.58	34.36 1.65 -4.27	33.93 1.97 0.00	34.37 1.91 -2.37	36.75 2.06 0.00	47.55 2.01 0.00	41.28 1.52 0.00	42.12 1.45 0.00	35.54 1.39 0.00	33.10 1.39 0.00	30.93 1.14 0.00
NYPA__ASTORIA_CC1 323568	29.81 0.84 -0.06	24.11 0.60 0.00	26.17 0.57 0.00	25.05 0.56 0.00	24.32 0.56 0.00	29.09 0.64 0.00	38.71 1.08 0.00	40.88 1.62 0.00	32.03 1.47 0.00	24.62 1.31 0.00	60.21 0.88 -43.68	29.47 1.04 -9.54	46.96 1.04 -26.95	35.51 1.32 -10.58	34.32 1.60 -4.27	33.88 1.91 0.00	34.31 1.85 -2.37	36.70 2.01 0.00	47.48 1.94 0.00	41.22 1.45 0.00	42.07 1.40 0.00	35.50 1.34 0.00	33.05 1.33 0.00	30.88 1.09 0.00
NYPA__ASTORIA_CC2 323569	29.81 0.84 -0.06	24.11 0.60 0.00	26.17 0.57 0.00	25.05 0.56 0.00	24.32 0.56 0.00	29.09 0.64 0.00	38.71 1.08 0.00	40.88 1.62 0.00	32.03 1.47 0.00	24.62 1.31 0.00	60.21 0.88 -43.68	29.47 1.04 -9.54	46.96 1.04 -26.95	35.51 1.32 -10.58	34.32 1.60 -4.27	33.88 1.91 0.00	34.31 1.85 -2.37	36.70 2.01 0.00	47.48 1.94 0.00	41.22 1.45 0.00	42.07 1.40 0.00	35.50 1.34 0.00	33.05 1.33 0.00	30.88 1.09 0.00
NYPA__HOLTSVILL 23794	30.08 1.08 -0.08	24.22 0.71 0.00	26.23 0.63 0.00	25.11 0.62 0.00	24.41 0.65 0.00	29.22 0.77 0.00	38.77 1.13 0.00	41.09 1.84 0.00	32.11 1.54 0.00	24.63 1.32 0.00	60.21 0.86 -43.69	29.64 1.03 -9.73	46.88 0.95 -26.95	38.21 1.15 -13.44	36.27 1.62 -6.21	35.29 2.10 -1.23	34.38 1.93 -2.36	36.75 2.05 0.00	47.45 1.92 0.00	41.18 1.42 0.00	42.02 1.35 0.00	35.59 1.44 0.00	32.99 1.27 0.00	30.88 1.09 0.00
NYPA____HELLGATE_GT1 24158	29.84 0.87 -0.06	24.15 0.63 0.00	26.19 0.59 0.00	25.07 0.57 0.00	24.33 0.57 0.00	29.08 0.63 0.00	38.66 1.03 0.00	40.85 1.60 0.00	32.02 1.45 0.00	24.57 1.26 0.00	60.17 0.84 -43.68	29.42 1.00 -9.54	46.90 0.98 -26.95	35.46 1.27 -10.58	34.25 1.53 -4.27	33.78 1.82 0.00	34.22 1.77 -2.37	36.60 1.91 0.00	47.38 1.85 0.00	41.11 1.35 0.00	41.98 1.30 0.00	35.45 1.30 0.00	33.03 1.31 0.00	30.85 1.05 0.00
NYPA____HELLGATE_GT2 24159	29.84 0.87 -0.06	24.15 0.63 0.00	26.19 0.59 0.00	25.07 0.57 0.00	24.33 0.57 0.00	29.08 0.63 0.00	38.66 1.03 0.00	40.85 1.60 0.00	32.02 1.45 0.00	24.57 1.26 0.00	60.17 0.84 -43.68	29.42 1.00 -9.54	46.90 0.98 -26.95	35.46 1.27 -10.58	34.25 1.53 -4.27	33.78 1.82 0.00	34.22 1.77 -2.37	36.60 1.91 0.00	47.38 1.85 0.00	41.11 1.35 0.00	41.98 1.30 0.00	35.45 1.30 0.00	33.03 1.31 0.00	30.85 1.05 0.00
NYS_BARGE__HYD 23848	28.07 -0.84 0.00	22.84 -0.67 0.00	24.97 -0.63 0.00	23.87 -0.63 0.00	23.15 -0.61 0.00	27.91 -0.54 0.00	36.85 -0.78 0.00	38.00 -1.26 0.00	29.76 -0.81 0.00	22.86 -0.44 0.00	15.55 -0.10 0.00	18.84 -0.04 0.00	19.05 0.08 0.00	23.62 0.01 0.00	28.63 0.19 0.00	31.78 -0.18 0.00	29.65 -0.44 0.00	33.86 -0.84 0.00	44.12 -1.42 0.00	38.44 -1.33 0.00	39.47 -1.20 0.00	33.22 -0.93 0.00	30.97 -0.75 0.00	29.25 -0.55 0.00
OAK ORCHARD__HYD 24046	28.47 -0.45 0.00	23.13 -0.38 0.00	25.24 -0.36 0.00	24.13 -0.36 0.00	23.43 -0.32 0.00	28.21 -0.23 0.00	37.44 -0.19 0.00	38.99 -0.27 0.00	30.41 -0.16 0.00	23.22 -0.09 0.00	15.71 0.05 0.00	19.03 0.15 0.00	19.22 0.24 0.00	23.94 0.33 0.00	28.88 0.44 0.00	32.32 0.35 0.00	30.35 0.26 0.00	34.91 0.21 0.00	45.82 0.29 0.00	39.95 0.18 0.00	40.89 0.21 0.00	34.23 0.08 0.00	31.77 0.05 0.00	29.82 0.02 0.00

OAKDALE___35_KV_LOAD 356122	28.60 -0.32 0.00	23.22 -0.29 0.00	25.28 -0.32 0.00	24.21 -0.28 0.00	23.49 -0.27 0.00	28.17 -0.27 0.00	37.47 -0.17 0.00	39.05 -0.20 0.00	30.39 -0.17 0.00	23.16 -0.14 0.00	15.62 -0.03 0.00	18.90 0.02 0.00	19.03 0.06 0.00	23.67 0.06 0.00	28.59 0.15 0.00	32.12 0.15 0.00	30.27 0.18 0.00	34.83 0.13 0.00	45.62 0.08 0.00	39.89 0.13 0.00	40.75 0.08 0.00	34.19 0.04 0.00	31.78 0.06 0.00	29.77 -0.03 0.00
OCC_CHEM___DRP 24175	27.68 -1.23 0.00	22.55 -0.96 0.00	24.67 -0.93 0.00	23.57 -0.92 0.00	22.87 -0.89 0.00	27.55 -0.90 0.00	36.32 -1.31 0.00	37.39 -1.87 0.00	29.32 -1.24 0.00	22.57 -0.73 0.00	15.37 -0.29 0.00	18.61 -0.27 0.00	18.84 -0.13 0.00	23.31 -0.30 0.00	28.19 -0.25 0.00	31.36 -0.61 0.00	29.18 -0.91 0.00	33.18 -1.52 0.00	43.15 -2.39 0.00	37.57 -2.19 0.00	38.60 -2.07 0.00	32.49 -1.66 0.00	30.39 -1.33 0.00	28.86 -0.94 0.00
OH_GEN_PROXY 24063	27.80 -1.12 0.00	22.64 -0.88 0.00	24.76 -0.84 0.00	23.67 -0.83 0.00	22.97 -0.79 0.00	27.64 -0.81 0.00	36.52 -1.11 0.00	37.65 -1.61 0.00	29.49 -1.08 0.00	22.67 -0.63 0.00	15.42 -0.23 0.00	18.69 -0.19 0.00	18.88 -0.09 0.00	23.39 -0.22 0.00	28.31 -0.13 0.00	31.52 -0.44 0.00	29.43 -0.66 0.00	33.61 -1.09 0.00	43.77 -1.77 0.00	38.12 -1.65 0.00	39.14 -1.54 0.00	32.89 -1.26 0.00	30.70 -1.02 0.00	28.99 -0.80 0.00
OLIN_CORP_DRP 24177	27.79 -1.12 0.00	22.62 -0.89 0.00	24.75 -0.85 0.00	23.65 -0.84 0.00	22.94 -0.82 0.00	27.65 -0.80 0.00	36.43 -1.20 0.00	37.52 -1.73 0.00	29.42 -1.15 0.00	22.64 -0.67 0.00	15.41 -0.24 0.00	18.65 -0.22 0.00	18.89 -0.08 0.00	23.38 -0.23 0.00	28.29 -0.15 0.00	31.36 -0.60 0.00	29.22 -0.87 0.00	33.34 -1.36 0.00	43.38 -2.16 0.00	37.79 -1.97 0.00	38.82 -1.85 0.00	32.72 -1.43 0.00	30.52 -1.19 0.00	28.87 -0.92 0.00
OLIN_CORP_DSASP 323712	27.68 -1.24 0.00	22.55 -0.96 0.00	24.67 -0.93 0.00	23.57 -0.92 0.00	22.87 -0.89 0.00	27.55 -0.90 0.00	36.33 -1.30 0.00	37.39 -1.87 0.00	29.32 -1.25 0.00	22.57 -0.74 0.00	15.36 -0.30 0.00	18.61 -0.27 0.00	18.80 -0.17 0.00	23.28 -0.33 0.00	28.18 -0.26 0.00	31.36 -0.61 0.00	29.17 -0.92 0.00	33.18 -1.51 0.00	43.15 -2.39 0.00	37.56 -2.20 0.00	38.59 -2.08 0.00	32.49 -1.66 0.00	30.39 -1.33 0.00	28.86 -0.93 0.00
ONEIDA_HERK_LFGE 323681	29.67 0.76 0.00	24.09 0.58 0.00	26.20 0.61 0.00	25.08 0.59 0.00	24.36 0.60 0.00	29.25 0.80 0.00	38.89 1.26 0.00	40.39 1.14 0.00	31.29 0.73 0.00	23.74 0.44 0.00	15.92 0.26 0.00	19.17 0.29 0.00	19.27 0.30 0.00	24.02 0.41 0.00	28.94 0.50 0.00	32.47 0.51 0.00	30.61 0.53 0.00	35.47 0.77 0.00	46.96 1.42 0.00	41.35 1.58 0.00	42.34 1.67 0.00	35.48 1.33 0.00	32.87 1.15 0.00	30.77 0.97 0.00
ONEIDA___115KV_TB4 55905	29.40 0.48 0.00	23.88 0.37 0.00	25.99 0.39 0.00	24.88 0.39 0.00	24.15 0.39 0.00	29.01 0.56 0.00	38.59 0.96 0.00	40.17 0.91 0.00	31.09 0.53 0.00	23.56 0.25 0.00	15.82 0.17 0.00	19.09 0.21 0.00	19.22 0.25 0.00	23.96 0.35 0.00	28.87 0.43 0.00	32.45 0.48 0.00	30.62 0.53 0.00	35.53 0.84 0.00	46.85 1.31 0.00	41.13 1.37 0.00	42.08 1.41 0.00	35.23 1.08 0.00	32.66 0.94 0.00	30.56 0.76 0.00
ONONDAGA_REF_OCCRA 23987	28.56 -0.35 0.00	23.21 -0.30 0.00	25.26 -0.34 0.00	24.17 -0.33 0.00	23.45 -0.31 0.00	28.14 -0.30 0.00	37.37 -0.26 0.00	38.97 -0.29 0.00	30.28 -0.28 0.00	23.05 -0.26 0.00	15.52 -0.14 0.00	18.75 -0.13 0.00	18.88 -0.09 0.00	23.51 -0.10 0.00	28.34 -0.10 0.00	31.81 -0.16 0.00	29.98 -0.11 0.00	34.62 -0.08 0.00	45.53 0.00 0.00	39.78 0.02 0.00	40.65 -0.02 0.00	34.08 -0.07 0.00	31.68 -0.04 0.00	29.68 -0.11 0.00
ONONDAGA___COGEN 23986	28.53 -0.38 0.00	23.18 -0.34 0.00	25.23 -0.37 0.00	24.14 -0.35 0.00	23.44 -0.32 0.00	28.12 -0.33 0.00	37.31 -0.32 0.00	38.91 -0.35 0.00	30.26 -0.30 0.00	23.03 -0.27 0.00	15.51 -0.15 0.00	18.73 -0.15 0.00	18.87 -0.11 0.00	23.48 -0.13 0.00	28.30 -0.14 0.00	31.75 -0.22 0.00	29.94 -0.15 0.00	34.59 -0.11 0.00	45.48 -0.06 0.00	39.74 -0.03 0.00	40.60 -0.07 0.00	34.05 -0.10 0.00	31.63 -0.08 0.00	29.65 -0.14 0.00
ONTARIO___LFGE 23819	28.62 -0.29 0.00	23.21 -0.30 0.00	25.27 -0.33 0.00	24.20 -0.29 0.00	23.51 -0.25 0.00	28.29 -0.15 0.00	37.61 -0.02 0.00	39.14 -0.11 0.00	30.43 -0.14 0.00	23.10 -0.21 0.00	15.57 -0.08 0.00	18.85 -0.03 0.00	19.04 0.07 0.00	23.69 0.08 0.00	28.67 0.23 0.00	32.20 0.23 0.00	30.27 0.18 0.00	34.86 0.16 0.00	45.96 0.42 0.00	40.29 0.52 0.00	41.13 0.46 0.00	34.44 0.29 0.00	32.01 0.30 0.00	29.98 0.18 0.00
ORANGEVILLE_WT_PWR 323706	28.05 -0.86 0.00	22.72 -0.79 0.00	24.77 -0.83 0.00	23.71 -0.78 0.00	22.98 -0.79 0.00	27.67 -0.78 0.00	36.78 -0.85 0.00	38.02 -1.24 0.00	29.64 -0.93 0.00	22.70 -0.61 0.00	15.43 -0.23 0.00	18.74 -0.14 0.00	18.99 0.01 0.00	23.46 -0.15 0.00	28.47 0.03 0.00	31.79 -0.17 0.00	29.84 -0.25 0.00	34.10 -0.60 0.00	44.70 -0.83 0.00	39.13 -0.63 0.00	39.87 -0.80 0.00	33.48 -0.68 0.00	31.15 -0.57 0.00	29.38 -0.41 0.00
ORANGEVILLE___ESR 323794	28.05 -0.86 0.00	22.72 -0.79 0.00	24.77 -0.83 0.00	23.71 -0.78 0.00	22.98 -0.79 0.00	27.67 -0.78 0.00	36.78 -0.85 0.00	38.02 -1.24 0.00	29.64 -0.93 0.00	22.70 -0.61 0.00	15.43 -0.23 0.00	18.74 -0.14 0.00	18.99 0.01 0.00	23.46 -0.15 0.00	28.47 0.03 0.00	31.79 -0.17 0.00	29.84 -0.25 0.00	34.10 -0.60 0.00	44.70 -0.83 0.00	39.13 -0.63 0.00	39.87 -0.80 0.00	33.48 -0.68 0.00	31.15 -0.57 0.00	29.38 -0.41 0.00
OSWEGATCHIE___HYD 24044	30.08 1.17 0.00	24.41 0.90 0.00	26.53 0.94 0.00	25.40 0.91 0.00	24.72 0.96 0.00	29.69 1.25 0.00	39.41 1.78 0.00	40.75 1.49 0.00	31.53 0.96 0.00	23.94 0.64 0.00	16.05 0.39 0.00	19.29 0.41 0.00	19.33 0.35 0.00	24.11 0.50 0.00	29.07 0.62 0.00	32.47 0.51 0.00	30.45 0.36 0.00	35.10 0.40 0.00	46.69 1.16 0.00	41.36 1.60 0.00	42.56 1.89 0.00	35.71 1.56 0.00	33.08 1.36 0.00	31.03 1.24 0.00
OSWEGO___5 23606	28.11 -0.81 0.00	22.84 -0.67 0.00	24.88 -0.72 0.00	23.80 -0.69 0.00	23.10 -0.66 0.00	27.70 -0.75 0.00	36.72 -0.91 0.00	38.31 -0.94 0.00	29.84 -0.73 0.00	22.73 -0.58 0.00	15.29 -0.36 0.00	18.46 -0.42 0.00	18.57 -0.40 0.00	23.11 -0.50 0.00	27.86 -0.58 0.00	31.26 -0.71 0.00	29.44 -0.65 0.00	33.97 -0.73 0.00	44.63 -0.90 0.00	38.97 -0.80 0.00	39.84 -0.83 0.00	33.44 -0.71 0.00	31.09 -0.63 0.00	29.18 -0.61 0.00
OSWEGO___6 23613	28.11 -0.81 0.00	22.84 -0.67 0.00	24.88 -0.72 0.00	23.80 -0.69 0.00	23.10 -0.66 0.00	27.70 -0.75 0.00	36.72 -0.91 0.00	38.31 -0.94 0.00	29.84 -0.73 0.00	22.73 -0.58 0.00	15.29 -0.36 0.00	18.46 -0.42 0.00	18.57 -0.40 0.00	23.11 -0.50 0.00	27.86 -0.58 0.00	31.26 -0.71 0.00	29.44 -0.65 0.00	33.97 -0.73 0.00	44.63 -0.90 0.00	38.97 -0.80 0.00	39.84 -0.83 0.00	33.44 -0.71 0.00	31.09 -0.63 0.00	29.18 -0.61 0.00

OUTOKUMPU-AB___DRP 24206	28.19 -0.72 0.00	22.94 -0.57 0.00	25.08 -0.52 0.00	23.97 -0.52 0.00	23.26 -0.50 0.00	28.03 -0.42 0.00	37.05 -0.59 0.00	38.21 -1.04 0.00	29.97 -0.60 0.00	23.05 -0.26 0.00	15.70 0.04 0.00	19.02 0.14 0.00	19.28 0.31 0.00	23.88 0.27 0.00	28.91 0.47 0.00	32.18 0.21 0.00	30.01 -0.08 0.00	34.23 -0.47 0.00	44.58 -0.96 0.00	38.83 -0.94 0.00	39.82 -0.85 0.00	33.46 -0.69 0.00	31.21 -0.50 0.00	29.50 -0.30 0.00
OXBOW___BTM 323836	27.92 -0.99 0.00	22.73 -0.78 0.00	24.86 -0.74 0.00	23.75 -0.74 0.00	23.05 -0.71 0.00	27.77 -0.68 0.00	36.68 -0.95 0.00	37.78 -1.47 0.00	29.63 -0.94 0.00	22.79 -0.51 0.00	15.52 -0.14 0.00	18.82 -0.07 0.00	19.03 0.06 0.00	23.57 -0.04 0.00	28.56 0.12 0.00	31.78 -0.19 0.00	29.61 -0.48 0.00	33.73 -0.97 0.00	43.88 -1.65 0.00	38.21 -1.56 0.00	39.22 -1.45 0.00	32.98 -1.17 0.00	30.81 -0.91 0.00	29.17 -0.63 0.00
OXBOW___ 24026	27.92 -0.99 0.00	22.73 -0.78 0.00	24.86 -0.74 0.00	23.75 -0.74 0.00	23.05 -0.71 0.00	27.77 -0.68 0.00	36.66 -0.97 0.00	37.78 -1.48 0.00	29.64 -0.93 0.00	22.80 -0.50 0.00	15.53 -0.12 0.00	18.82 -0.07 0.00	19.06 0.09 0.00	23.60 0.00 0.00	28.56 0.12 0.00	31.78 -0.18 0.00	29.61 -0.48 0.00	33.73 -0.97 0.00	43.89 -1.65 0.00	38.22 -1.55 0.00	39.22 -1.45 0.00	32.98 -1.17 0.00	30.80 -0.91 0.00	29.17 -0.63 0.00
OXY_CHEM_DSASP 323612	27.68 -1.23 0.00	22.55 -0.96 0.00	24.67 -0.93 0.00	23.57 -0.92 0.00	22.87 -0.89 0.00	27.55 -0.90 0.00	36.32 -1.31 0.00	37.39 -1.87 0.00	29.32 -1.24 0.00	22.57 -0.73 0.00	15.37 -0.29 0.00	18.61 -0.27 0.00	18.84 -0.13 0.00	23.31 -0.30 0.00	28.19 -0.25 0.00	31.36 -0.61 0.00	29.18 -0.91 0.00	33.18 -1.52 0.00	43.15 -2.39 0.00	37.57 -2.19 0.00	38.60 -2.07 0.00	32.49 -1.66 0.00	30.39 -1.33 0.00	28.86 -0.94 0.00
OZONE_PARK_ESR 323760	30.12 1.15 -0.06	24.35 0.84 0.00	26.43 0.83 0.00	25.28 0.79 0.00	24.54 0.78 0.00	29.35 0.91 0.00	39.15 1.52 0.00	41.22 1.96 0.00	32.32 1.75 0.00	24.84 1.54 -43.68	60.36 1.02 -9.55	29.66 1.23 -26.94	47.13 1.22 -10.58	35.72 1.53 -4.27	34.59 1.88 0.00	34.21 2.25 0.00	34.62 2.16 -2.37	37.08 2.39 0.00	48.06 2.52 0.00	41.75 1.98 0.00	42.61 1.94 0.00	35.90 1.75 0.00	33.43 1.71 0.00	31.23 1.44 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.68 -1.23 0.00	22.55 -0.96 0.00	24.67 -0.93 0.00	23.57 -0.92 0.00	22.87 -0.89 0.00	27.55 -0.90 0.00	36.32 -1.31 0.00	37.39 -1.87 0.00	29.32 -1.24 0.00	22.57 -0.73 0.00	15.37 -0.29 0.00	18.61 -0.27 0.00	18.84 -0.13 0.00	23.31 -0.30 0.00	28.19 -0.25 0.00	31.36 -0.61 0.00	29.18 -0.91 0.00	33.18 -1.52 0.00	43.15 -2.39 0.00	37.57 -2.19 0.00	38.60 -2.07 0.00	32.49 -1.66 0.00	30.39 -1.33 0.00	28.86 -0.94 0.00
PACKARD__115KV_DUPONT_184 80571	27.68 -1.23 0.00	22.55 -0.96 0.00	24.67 -0.93 0.00	23.57 -0.92 0.00	22.87 -0.89 0.00	27.55 -0.90 0.00	36.32 -1.31 0.00	37.39 -1.87 0.00	29.32 -1.24 0.00	22.57 -0.73 0.00	15.37 -0.29 0.00	18.61 -0.27 0.00	18.84 -0.13 0.00	23.31 -0.30 0.00	28.19 -0.25 0.00	31.36 -0.61 0.00	29.18 -0.91 0.00	33.18 -1.52 0.00	43.15 -2.39 0.00	37.57 -2.19 0.00	38.60 -2.07 0.00	32.49 -1.66 0.00	30.39 -1.33 0.00	28.86 -0.94 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.86 0.89 -0.06	24.16 0.65 0.00	26.24 0.65 0.00	25.12 0.63 0.00	24.38 0.62 0.00	29.15 0.70 0.00	38.73 1.10 0.00	40.91 1.66 0.00	32.04 1.48 0.00	24.59 1.29 0.00	60.18 0.84 -43.68	29.44 1.02 -9.54	46.88 0.96 -26.95	35.46 1.27 -10.58	34.26 1.55 -4.27	33.81 1.85 0.00	34.25 1.79 -2.37	36.64 1.94 0.00	47.43 1.89 0.00	41.19 1.42 0.00	42.06 1.39 0.00	35.49 1.33 0.00	33.04 1.33 0.00	30.86 1.07 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	30.70 1.73 -0.06	24.85 1.34 0.00	26.99 1.39 0.00	25.83 1.34 0.00	25.08 1.32 0.00	30.02 1.57 0.00	39.91 2.28 0.00	42.15 2.89 0.00	33.00 2.44 0.00	25.30 2.00 0.00	60.66 1.32 -43.68	30.01 1.59 -9.54	47.46 1.54 -26.95	36.18 1.99 -10.58	35.14 2.43 -4.27	34.80 2.83 0.00	35.16 2.70 -2.37	37.70 3.00 0.00	48.78 3.25 0.00	42.32 2.55 0.00	43.18 2.51 0.00	36.44 2.29 0.00	33.98 2.26 0.00	31.70 1.91 0.00
PATROON__115KV_TB1 80586	29.31 0.44 0.04	23.97 0.46 0.00	26.04 0.44 0.00	24.95 0.46 0.00	24.22 0.46 0.00	28.86 0.41 0.00	38.26 0.62 0.00	40.01 0.76 0.00	31.22 0.65 0.00	23.76 0.46 0.00	-11.01 0.14 26.80	20.75 0.14 -1.73	-1.90 0.15 21.03	15.49 0.14 8.25	25.26 0.15 3.33	32.17 0.21 0.00	30.73 0.19 -0.45	34.94 0.24 0.00	45.82 0.28 0.00	39.97 0.20 0.00	40.85 0.18 0.00	34.38 0.23 0.00	31.90 0.18 0.00	29.95 0.15 0.00
PATTRSNVILLE___SOLAR 323815	29.55 0.67 0.04	24.07 0.55 0.00	26.19 0.60 0.00	25.06 0.57 0.00	24.31 0.55 0.00	29.10 0.66 0.00	38.60 0.97 0.00	40.23 0.97 0.00	31.07 0.50 0.00	23.53 0.22 0.00	-5.09 0.14 20.89	20.43 0.12 -1.43	2.65 0.11 16.43	17.29 0.13 6.45	25.98 0.14 2.61	32.17 0.20 0.00	30.69 0.23 -0.37	35.18 0.48 0.00	46.56 1.03 0.00	40.92 1.15 0.00	41.84 1.17 0.00	35.15 0.99 0.00	32.62 0.90 0.00	30.60 0.80 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.06 -0.85 0.00	22.81 -0.70 0.00	24.91 -0.68 0.00	23.83 -0.67 0.00	23.13 -0.63 0.00	27.85 -0.60 0.00	36.94 -0.69 0.00	38.23 -1.02 0.00	29.92 -0.65 0.00	23.01 -0.30 0.00	15.66 0.01 0.00	19.00 0.11 0.00	19.23 0.26 0.00	23.84 0.23 0.00	28.84 0.40 0.00	32.16 0.20 0.00	30.09 0.00 0.00	34.35 -0.34 0.00	44.77 -0.76 0.00	39.10 -0.67 0.00	40.05 -0.62 0.00	33.59 -0.56 0.00	31.28 -0.43 0.00	29.41 -0.38 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	29.86 0.89 -0.05	24.19 0.68 0.00	26.26 0.67 0.00	25.14 0.64 0.00	24.40 0.64 0.00	29.16 0.71 0.00	38.85 1.22 0.00	40.86 1.61 0.00	31.96 1.39 0.00	24.49 1.19 0.00	52.44 0.78 -36.00	24.14 0.93 -4.33	44.19 0.91 -24.30	34.31 1.16 -9.54	33.74 1.44 -3.85	33.76 1.79 0.00	32.90 1.74 -1.07	36.69 1.99 0.00	47.77 2.24 0.00	41.53 1.76 0.00	42.37 1.69 0.00	35.64 1.48 0.00	33.11 1.39 0.00	30.96 1.17 0.00
PEEKSKILL___ 23653	29.62 0.65 -0.06	23.98 0.47 0.00	26.04 0.44 0.00	24.91 0.42 0.00	24.18 0.42 0.00	28.90 0.46 0.00	38.50 0.87 0.00	40.50 1.24 0.00	31.68 1.12 0.00	24.30 0.99 0.00	59.07 0.66 -42.76	30.08 0.77 -10.42	45.49 0.78 -25.74	34.68 0.96 -10.10	33.70 1.18 -4.08	33.45 1.48 0.00	34.09 1.41 -2.59	36.26 1.56 0.00	47.17 1.64 0.00	41.01 1.25 0.00	41.87 1.20 0.00	35.24 1.09 0.00	32.81 1.09 0.00	30.70 0.90 0.00
PGE MADISON___WINDPWR 24146	30.11 1.19 0.00	24.46 0.95 0.00	26.65 1.05 0.00	25.54 1.04 0.00	24.83 1.07 0.00	29.94 1.50 0.00	40.06 2.43 0.00	41.82 2.56 0.00	32.18 1.61 0.00	24.26 0.95 0.00	16.25 0.60 0.00	19.66 0.78 0.00	19.85 0.87 0.00	24.75 1.14 0.00	29.88 1.44 0.00	33.60 1.64 0.00	31.78 1.69 0.00	36.88 2.18 0.00	49.01 3.47 0.00	43.06 3.30 0.00	44.03 3.36 0.00	36.70 2.55 0.00	33.93 2.22 0.00	31.48 1.69 0.00

PIERCEFIELD___HYD 23852	30.06 1.15 0.00	24.41 0.90 0.00	26.57 0.97 0.00	25.42 0.93 0.00	24.76 1.00 0.00	29.72 1.27 0.00	39.29 1.66 0.00	40.65 1.39 0.00	31.48 0.92 0.00	23.95 0.64 0.00	16.07 0.41 0.00	19.35 0.47 0.00	19.42 0.44 0.00	24.22 0.61 0.00	29.17 0.73 0.00	32.54 0.57 0.00	30.41 0.32 0.00	34.95 0.25 0.00	46.26 0.72 0.00	40.82 1.05 0.00	42.03 1.35 0.00	35.31 1.16 0.00	32.72 1.00 0.00	30.82 1.03 0.00
PINELAWN_CC_1 323563	30.29 1.27 -0.11	24.35 0.84 0.00	26.40 0.80 0.00	25.27 0.78 0.00	24.54 0.78 0.00	29.39 0.94 0.00	39.00 1.38 0.00	41.30 2.05 0.00	32.24 1.67 0.00	24.72 1.41 0.00	60.28 0.93 -43.69	30.09 1.15 -10.06	47.15 1.11 -27.06	41.85 1.34 -16.90	38.13 1.81 -7.88	35.56 2.24 -1.36	34.52 2.07 -2.36	36.94 2.25 0.00	47.85 2.32 0.00	41.54 1.77 0.00	42.37 1.70 0.00	35.86 1.71 0.00	33.27 1.55 0.00	31.14 1.35 0.00
PJM_GEN_HTP_PROXY 323702	29.81 0.84 -0.06	24.12 0.61 0.00	26.18 0.59 0.00	25.06 0.56 0.00	24.33 0.57 0.00	29.08 0.63 0.00	38.77 1.14 0.00	41.43 1.55 -0.62	31.98 1.42 0.00	24.59 1.29 0.00	60.19 0.86 -43.67	29.46 1.02 -9.56	46.92 1.02 -26.93	35.44 1.26 -10.57	34.25 1.54 -4.27	33.83 1.87 0.00	34.24 1.78 -2.38	36.65 1.95 0.00	47.53 1.99 0.00	41.27 1.50 0.00	42.92 1.44 -0.81	35.48 1.33 0.00	33.04 1.32 0.00	30.90 1.10 0.00
PJM_GEN_KEystone 24065	28.60 -0.34 -0.03	23.19 -0.33 0.00	25.23 -0.37 0.00	24.16 -0.33 0.00	23.45 -0.31 0.00	28.09 -0.35 0.00	37.44 -0.19 0.00	39.73 -0.14 -0.62	30.54 -0.03 0.00	23.42 0.11 0.00	24.01 0.15 -8.20	6.93 0.23 12.18	32.60 0.28 -13.34	29.16 0.31 -5.24	31.00 0.45 -2.12	32.47 0.50 0.00	27.49 0.45 3.05	35.04 0.34 0.00	45.61 0.07 0.00	39.79 0.02 0.00	41.47 -0.02 -0.81	34.16 0.01 0.00	31.85 0.13 0.00	29.82 0.02 0.00
PJM_GEN_NEPTUNE_PROXY 323594	30.00 1.03 -0.06	24.19 0.67 0.00	26.22 0.62 0.00	25.11 0.61 0.00	24.37 0.62 0.00	29.17 0.72 0.00	38.72 1.09 0.00	41.54 1.67 -0.62	31.98 1.41 0.00	24.54 1.23 0.00	60.18 0.83 -43.69	29.42 1.03 -9.50	46.88 1.03 -26.88	36.12 1.22 -11.28	35.22 1.61 -5.17	35.04 1.93 -1.15	34.20 1.74 -2.36	36.58 1.88 0.00	47.41 1.87 0.00	41.16 1.40 0.00	42.82 1.34 -0.81	35.52 1.37 0.00	33.00 1.28 0.00	30.91 1.12 0.00
PJM_GEN_VFT_PROXY 323633	29.72 0.75 -0.06	24.02 0.51 0.00	26.07 0.47 0.00	24.94 0.44 0.00	24.21 0.45 0.00	28.95 0.50 0.00	38.59 0.96 0.00	41.25 1.38 -0.62	31.85 1.29 0.00	24.49 1.19 0.00	59.96 0.78 -43.52	29.35 0.92 -9.55	46.85 0.93 -26.94	35.36 1.17 -10.58	34.14 1.42 -4.27	33.70 1.73 0.00	34.12 1.66 -2.37	36.51 1.81 0.00	47.34 1.80 0.00	41.10 1.34 0.00	42.76 1.27 -0.81	35.35 1.20 0.00	32.94 1.22 0.00	30.80 1.01 0.00
PLATSBURG_115KV_PMLD1 355749	29.83 0.91 0.00	24.27 0.76 0.00	26.37 0.77 0.00	25.27 0.78 0.00	24.58 0.82 0.00	29.47 1.02 0.00	39.29 1.66 0.00	41.58 2.32 0.00	32.39 1.82 0.00	24.52 1.22 0.00	16.42 0.76 0.00	19.84 0.96 0.00	19.95 0.97 0.00	24.87 1.26 0.00	30.00 1.56 0.00	33.52 1.56 0.00	31.74 1.65 0.00	36.53 1.83 0.00	48.11 2.57 0.00	42.25 2.48 0.00	42.88 2.21 0.00	35.36 1.21 0.00	32.21 0.49 0.00	30.80 1.00 0.00
PLEASANTVLY___LBMP 24000	29.53 0.54 -0.07	23.94 0.43 0.00	26.00 0.40 0.00	24.89 0.40 0.00	24.17 0.41 0.00	28.85 0.40 0.00	38.37 0.74 0.00	40.33 1.07 0.00	31.53 0.97 0.00	24.16 0.85 0.00	62.22 0.55 -46.01	25.26 0.65 -5.73	50.54 0.63 -30.94	36.55 0.79 -12.15	34.32 0.97 -4.91	33.19 1.23 0.00	32.68 1.18 -1.42	36.01 1.31 0.00	46.90 1.37 0.00	40.81 1.04 0.00	41.67 1.00 0.00	35.08 0.93 0.00	32.63 0.91 0.00	30.57 0.77 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.74 0.76 -0.06	24.08 0.57 0.00	26.14 0.55 0.00	25.03 0.54 0.00	24.30 0.54 0.00	29.03 0.58 0.00	38.67 1.04 0.00	40.67 1.41 0.00	31.83 1.26 0.00	24.43 1.13 0.00	60.51 0.74 -44.11	28.17 0.88 -8.41	47.78 0.86 -27.94	35.67 1.09 -10.97	34.21 1.34 -4.43	33.61 1.65 0.00	33.75 1.57 -2.09	36.44 1.75 0.00	47.38 1.85 0.00	41.17 1.40 0.00	42.03 1.36 0.00	35.40 1.24 0.00	32.93 1.21 0.00	30.81 1.02 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.74 0.76 -0.06	24.08 0.57 0.00	26.14 0.55 0.00	25.03 0.54 0.00	24.30 0.54 0.00	29.03 0.58 0.00	38.67 1.04 0.00	40.67 1.41 0.00	31.83 1.13 0.00	24.43 1.13 0.00	60.51 0.74 -44.11	28.17 0.88 -8.41	47.78 0.86 -27.94	35.67 1.09 -10.97	34.21 1.34 -4.43	33.61 1.65 0.00	33.75 1.57 -2.09	36.44 1.75 0.00	47.38 1.85 0.00	41.17 1.40 0.00	42.03 1.36 0.00	35.40 1.24 0.00	32.93 1.21 0.00	30.81 1.02 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.65 0.74 0.00	24.09 0.58 0.00	26.16 0.56 0.00	25.05 0.55 0.00	24.31 0.55 0.00	29.03 0.58 0.00	38.64 1.00 0.00	40.61 1.35 0.00	31.73 1.16 0.00	24.29 0.98 0.00	18.17 0.63 -1.89	22.01 0.74 -2.38	19.70 0.72 0.00	24.51 0.90 0.00	29.57 1.13 0.00	33.40 1.44 0.00	32.11 1.42 -0.60	36.36 1.66 0.00	47.40 1.87 0.00	41.25 1.49 0.00	42.11 1.44 0.00	35.39 1.24 0.00	32.88 1.16 0.00	30.77 0.98 0.00
POLETTI____ 23519	29.83 0.86 -0.06	24.13 0.62 0.00	26.19 0.59 0.00	25.06 0.57 0.00	24.33 0.57 0.00	29.09 0.65 0.00	38.78 1.15 0.00	40.82 1.57 0.00	32.01 1.44 0.00	24.61 1.30 0.00	60.19 0.86 -43.68	29.46 1.03 -9.55	46.92 1.01 -26.94	35.46 1.27 -10.58	34.27 1.56 -4.27	33.86 1.90 0.00	34.27 1.81 -2.37	36.68 1.98 0.00	47.54 2.00 0.00	41.27 1.50 0.00	42.12 1.45 0.00	35.49 1.34 0.00	33.05 1.34 0.00	30.90 1.11 0.00
POMONA___ESR 323819	29.63 0.67 -0.05	23.98 0.47 0.00	26.04 0.44 0.00	24.92 0.42 0.00	24.18 0.42 0.00	28.90 0.46 0.00	38.51 0.87 0.00	40.50 1.25 0.00	31.67 1.10 0.00	24.30 0.99 0.00	36.69 0.65 -20.38	5.58 0.78 14.08	43.31 0.79 -23.55	33.84 0.99 -9.24	33.38 1.20 -3.73	33.47 1.51 0.00	28.00 1.44 3.54	36.31 1.61 0.00	47.24 1.71 0.00	41.07 1.30 0.00	41.92 1.25 0.00	35.27 1.12 0.00	32.83 1.12 0.00	30.72 0.93 0.00
PORT_JEFF_3 23555	30.13 1.14 -0.08	24.27 0.75 0.00	26.27 0.67 0.00	25.16 0.66 0.00	24.45 0.69 0.00	29.27 0.82 0.00	38.85 1.21 0.00	41.18 1.92 0.00	32.18 1.61 0.00	24.68 1.37 0.00	60.25 0.90 -43.69	29.69 1.07 -9.73	46.93 1.00 -26.96	38.31 1.23 -13.48	36.38 1.72 -6.23	35.41 2.21 -1.23	34.50 2.04 -2.36	36.88 2.18 0.00	47.59 2.05 0.00	41.30 1.53 0.00	42.17 1.50 0.00	35.71 1.56 0.00	33.09 1.37 0.00	30.96 1.16 0.00
PORT_JEFF_4 23616	30.13 1.14 -0.08	24.27 0.75 0.00	26.27 0.67 0.00	25.16 0.66 0.00	24.45 0.69 0.00	29.27 0.82 0.00	38.85 1.21 0.00	41.18 1.92 0.00	32.18 1.61 0.00	24.68 1.37 0.00	60.25 0.90 -43.69	29.69 1.07 -9.73	46.93 1.00 -26.96	38.31 1.23 -13.48	36.38 1.72 -6.23	35.41 2.21 -1.23	34.50 2.04 -2.36	36.88 2.18 0.00	47.59 2.05 0.00	41.30 1.53 0.00	42.17 1.50 0.00	35.71 1.56 0.00	33.09 1.37 0.00	30.96 1.16 0.00

PORT_JEFF_IC 23713	30.16 1.17 -0.08	24.27 0.76 0.00	26.27 0.68 0.00	25.16 0.67 0.00	24.47 0.71 0.00	29.28 0.83 0.00	38.87 1.23 0.00	41.21 1.96 0.00	32.20 1.64 0.00	24.70 1.39 0.00	60.24 0.90 -43.69	29.71 1.09 -9.74	46.89 0.95 -26.96	38.43 1.24 -13.58	36.46 1.74 -6.28	35.48 2.28 -1.24	34.57 2.12 -2.36	36.95 2.26 0.00	47.59 2.06 0.00	41.30 1.53 0.00	42.25 1.57 0.00	35.76 1.61 0.00	33.12 1.40 0.00	30.97 1.18 0.00
PPL PILGRIM_ST_GT1 24216	30.35 1.36 -0.09	24.43 0.92 0.00	26.47 0.88 0.00	25.35 0.85 0.00	24.62 0.86 0.00	29.48 1.04 0.00	39.11 1.47 0.00	41.45 2.19 0.00	32.38 1.81 0.00	24.83 1.52 0.00	60.36 1.01 -43.69	29.90 1.23 -9.79	47.14 1.19 -26.97	39.08 1.45 -14.01	36.89 1.96 -6.49	35.65 2.43 -1.26	34.70 2.24 -2.36	37.11 2.41 0.00	47.95 2.42 0.00	41.61 1.85 0.00	42.45 1.77 0.00	35.93 1.78 0.00	33.32 1.60 0.00	31.20 1.41 0.00
PPL PILGRIM_ST_GT2 24217	30.35 1.36 -0.09	24.43 0.92 0.00	26.47 0.88 0.00	25.35 0.85 0.00	24.62 0.86 0.00	29.48 1.04 0.00	39.11 1.47 0.00	41.45 2.19 0.00	32.38 1.81 0.00	24.83 1.52 0.00	60.36 1.01 -43.69	29.90 1.23 -9.79	47.14 1.19 -26.97	39.08 1.45 -14.01	36.89 1.96 -6.49	35.65 2.43 -1.26	34.70 2.24 -2.36	37.11 2.41 0.00	47.95 2.42 0.00	41.61 1.85 0.00	42.45 1.77 0.00	35.93 1.78 0.00	33.32 1.60 0.00	31.20 1.41 0.00
PPL_SHRM_GT3 24213	29.79 0.79 -0.08	23.99 0.48 0.00	25.95 0.36 0.00	24.86 0.36 0.00	24.18 0.42 0.00	28.94 0.50 0.00	38.41 0.78 0.00	40.74 1.48 0.00	31.84 1.28 0.00	24.40 1.10 0.00	60.05 0.70 -43.69	29.44 0.82 -9.74	46.60 0.67 -26.96	37.95 0.81 -13.53	35.96 1.26 -6.25	35.05 1.85 -1.24	34.20 1.75 -2.36	36.58 1.88 0.00	47.28 1.75 0.00	41.03 1.26 0.00	41.83 1.16 0.00	35.41 1.26 0.00	32.77 1.05 0.00	30.62 0.83 0.00
PPL_SHRM_GT4 24214	29.79 0.79 -0.08	23.99 0.48 0.00	25.95 0.36 0.00	24.86 0.36 0.00	24.18 0.42 0.00	28.94 0.50 0.00	38.41 0.78 0.00	40.74 1.48 0.00	31.84 1.28 0.00	24.40 1.10 0.00	60.05 0.70 -43.69	29.44 0.82 -9.74	46.60 0.67 -26.96	37.95 0.81 -13.53	35.96 1.26 -6.25	35.05 1.85 -1.24	34.20 1.75 -2.36	36.58 1.88 0.00	47.28 1.75 0.00	41.03 1.26 0.00	41.83 1.16 0.00	35.41 1.26 0.00	32.77 1.05 0.00	30.62 0.83 0.00
PROJECT___ORANGE 1 24174	28.40 -0.51 0.00	23.08 -0.43 0.00	25.12 -0.48 0.00	24.03 -0.46 0.00	23.32 -0.44 0.00	27.98 -0.47 0.00	37.14 -0.49 0.00	38.73 -0.53 0.00	30.13 -0.43 0.00	22.95 -0.36 0.00	15.46 -0.20 0.00	18.69 -0.19 0.00	18.81 -0.17 0.00	23.42 -0.19 0.00	28.22 -0.22 0.00	31.65 -0.32 0.00	29.82 -0.27 0.00	34.43 -0.27 0.00	45.24 -0.30 0.00	39.48 -0.29 0.00	40.34 -0.33 0.00	33.84 -0.31 0.00	31.46 -0.26 0.00	29.50 -0.30 0.00
PROJECT___ORANGE 2 24166	28.40 -0.51 0.00	23.08 -0.43 0.00	25.12 -0.48 0.00	24.03 -0.46 0.00	23.32 -0.44 0.00	27.98 -0.47 0.00	37.14 -0.49 0.00	38.73 -0.53 0.00	30.13 -0.43 0.00	22.95 -0.36 0.00	15.46 -0.20 0.00	18.69 -0.19 0.00	18.81 -0.17 0.00	23.42 -0.19 0.00	28.22 -0.22 0.00	31.65 -0.32 0.00	29.82 -0.27 0.00	34.43 -0.27 0.00	45.24 -0.30 0.00	39.48 -0.29 0.00	40.34 -0.33 0.00	33.84 -0.31 0.00	31.46 -0.26 0.00	29.50 -0.30 0.00
PUCKETT___SOLAR 323809	28.97 0.06 0.00	23.54 0.03 0.00	25.62 0.03 0.00	24.54 0.04 0.00	23.82 0.06 0.00	28.59 0.14 0.00	38.08 0.45 0.00	39.71 0.45 0.00	30.77 0.20 0.00	23.31 0.00 0.00	15.62 -0.03 0.00	18.86 -0.02 0.00	18.99 0.02 0.00	23.68 0.07 0.00	28.59 0.15 0.00	32.17 0.21 0.00	30.46 0.37 0.00	35.17 0.48 0.00	46.29 0.75 0.00	40.61 0.84 0.00	41.51 0.83 0.00	34.77 0.61 0.00	32.28 0.56 0.00	30.18 0.38 0.00
PYRITES___HYD 24023	30.56 1.65 0.00	24.82 1.31 0.00	27.01 1.41 0.00	25.85 1.35 0.00	25.16 1.40 0.00	30.22 1.78 0.00	39.98 2.35 0.00	41.30 2.04 0.00	31.83 1.26 0.00	24.06 0.75 0.00	16.13 0.47 0.00	19.41 0.53 0.00	19.50 0.53 0.00	24.32 0.71 0.00	29.27 0.83 0.00	32.67 0.71 0.00	30.57 0.48 0.00	35.17 0.47 0.00	46.78 1.24 0.00	41.64 1.87 0.00	42.90 2.23 0.00	35.95 1.80 0.00	33.25 1.53 0.00	31.29 1.50 0.00
QUAKERRD_115KV_BK1 80622	27.87 -1.04 0.00	22.66 -0.85 0.00	24.71 -0.89 0.00	23.63 -0.86 0.00	22.94 -0.81 0.00	27.61 -0.84 0.00	36.63 -1.00 0.00	38.08 -1.18 0.00	29.66 -0.90 0.00	22.65 -0.66 0.00	15.31 -0.35 0.00	18.52 -0.36 0.00	18.70 -0.28 0.00	23.29 -0.32 0.00	28.12 -0.32 0.00	31.50 -0.46 0.00	29.59 -0.50 0.00	34.09 -0.61 0.00	44.74 -0.79 0.00	38.98 -0.79 0.00	39.87 -0.81 0.00	33.40 -0.75 0.00	31.01 -0.71 0.00	29.11 -0.69 0.00
QUENSBRY_115KV_TB8 356137	30.65 1.79 0.05	25.01 1.49 0.00	27.15 1.55 0.00	26.01 1.52 0.00	25.29 1.53 0.00	30.25 1.80 0.00	40.09 2.46 0.00	41.94 2.68 0.00	32.60 2.03 0.00	24.61 1.30 0.00	-11.69 0.83 28.18	21.48 0.99 -1.61	-2.08 0.93 21.98	15.97 0.99 8.63	25.91 0.96 3.49	33.03 1.06 0.00	31.51 1.00 -0.42	36.06 1.36 0.00	47.60 2.06 0.00	41.83 2.06 0.00	42.80 2.12 0.00	36.03 1.88 0.00	33.45 1.74 0.00	31.29 1.50 0.00
RAMAPO___LBMP 323565	29.51 0.54 -0.05	23.89 0.37 0.00	25.93 0.34 0.00	24.82 0.32 0.00	24.08 0.31 0.00	28.78 0.33 0.00	38.34 0.71 0.00	40.31 1.05 0.00	31.51 0.95 0.00	24.16 0.85 0.00	36.08 0.56 -19.86	6.18 0.66 13.37	42.36 0.65 -22.74	33.36 0.83 -8.93	33.06 1.01 -3.61	33.24 1.28 0.00	27.97 1.23 3.36	36.06 1.37 0.00	46.96 1.42 0.00	40.84 1.08 0.00	41.68 1.01 0.00	35.07 0.92 0.00	32.67 0.95 0.00	30.58 0.78 0.00
RANKINE____ 23646	28.17 -0.74 0.00	22.90 -0.61 0.00	25.02 -0.58 0.00	23.93 -0.56 0.00	23.21 -0.55 0.00	27.96 -0.49 0.00	37.03 -0.61 0.00	38.26 -1.00 0.00	29.96 -0.61 0.00	23.04 -0.27 0.00	15.69 0.04 0.00	19.03 0.15 0.00	19.27 0.30 0.00	23.87 0.26 0.00	28.89 0.45 0.00	32.18 0.22 0.00	30.11 0.02 0.00	34.37 -0.33 0.00	44.80 -0.74 0.00	39.11 -0.66 0.00	40.06 -0.61 0.00	33.62 -0.53 0.00	31.32 -0.39 0.00	29.50 -0.29 0.00
RAVENSWOOD_GT2_1 24244	29.84 0.87 -0.06	24.14 0.63 0.00	26.21 0.62 0.00	25.08 0.59 0.00	24.35 0.59 0.00	29.11 0.66 0.00	38.80 1.17 0.00	40.85 1.59 0.00	32.01 1.45 0.00	24.61 1.30 0.00	60.20 0.86 -43.68	29.45 1.03 -9.54	46.93 1.01 -26.95	35.46 1.27 -10.58	34.27 1.56 -4.27	33.86 1.90 0.00	34.28 1.81 -2.37	36.69 1.99 0.00	47.57 2.04 0.00	41.31 1.54 0.00	42.16 1.49 0.00	35.53 1.37 0.00	33.08 1.36 0.00	30.93 1.14 0.00
RAVENSWOOD_GT2_2 24245	29.84 0.87 -0.06	24.14 0.63 0.00	26.21 0.62 0.00	25.08 0.59 0.00	24.35 0.59 0.00	29.11 0.66 0.00	38.80 1.17 0.00	40.85 1.59 0.00	32.01 1.45 0.00	24.61 1.30 0.00	60.20 0.86 -43.68	29.45 1.03 -9.54	46.93 1.01 -26.95	35.46 1.27 -10.58	34.27 1.56 -4.27	33.86 1.90 0.00	34.28 1.81 -2.37	36.69 1.99 0.00	47.57 2.04 0.00	41.31 1.54 0.00	42.16 1.49 0.00	35.53 1.37 0.00	33.08 1.36 0.00	30.93 1.14 0.00



RAVENSWOOD_GT2_3 24246	29.86 0.89 -0.06	24.15 0.64 0.00	26.22 0.63 0.00	25.09 0.60 0.00	24.36 0.60 0.00	29.13 0.68 0.00	38.82 1.19 0.00	40.88 1.62 0.00	32.04 1.47 0.00	24.62 1.31 0.00	60.21 0.87 -43.68	29.46 1.03 -9.54	46.94 1.02 -26.95	35.47 1.29 -10.58	34.30 1.58 -4.27	33.89 1.92 0.00	34.29 1.83 -2.37	36.71 2.01 0.00	47.59 2.06 0.00	41.33 1.56 0.00	42.19 1.52 0.00	35.55 1.40 0.00	33.09 1.37 0.00	30.95 1.15 0.00
RAVENSWOOD_GT2_4 24247	29.86 0.89 -0.06	24.15 0.64 0.00	26.22 0.63 0.00	25.09 0.60 0.00	24.36 0.60 0.00	29.13 0.68 0.00	38.82 1.19 0.00	40.88 1.62 0.00	32.04 1.47 0.00	24.62 1.31 0.00	60.21 0.87 -43.68	29.46 1.03 -9.54	46.94 1.02 -26.95	35.47 1.29 -10.58	34.30 1.58 -4.27	33.89 1.92 0.00	34.29 1.83 -2.37	36.71 2.01 0.00	47.59 2.06 0.00	41.33 1.56 0.00	42.19 1.52 0.00	35.55 1.40 0.00	33.09 1.37 0.00	30.95 1.15 0.00
RAVENSWOOD_GT3_1 24248	29.84 0.87 -0.06	24.14 0.63 0.00	26.21 0.62 0.00	25.08 0.59 0.00	24.35 0.59 0.00	29.12 0.67 0.00	38.80 1.17 0.00	40.85 1.59 0.00	32.01 1.45 0.00	24.61 1.30 0.00	60.20 0.86 -43.68	29.45 1.03 -9.54	46.93 1.01 -26.95	35.47 1.28 -10.58	34.27 1.56 -4.27	33.86 1.90 0.00	34.28 1.82 -2.37	36.69 1.99 0.00	47.57 2.04 0.00	41.31 1.54 0.00	42.16 1.49 0.00	35.53 1.38 0.00	33.08 1.36 0.00	30.93 1.14 0.00
RAVENSWOOD_GT3_2 24249	29.84 0.87 -0.06	24.14 0.63 0.00	26.21 0.62 0.00	25.08 0.59 0.00	24.35 0.59 0.00	29.12 0.67 0.00	38.80 1.17 0.00	40.85 1.59 0.00	32.01 1.45 0.00	24.61 1.30 0.00	60.20 0.86 -43.68	29.45 1.03 -9.54	46.93 1.01 -26.95	35.47 1.28 -10.58	34.27 1.56 -4.27	33.86 1.90 0.00	34.28 1.82 -2.37	36.69 1.99 0.00	47.57 2.04 0.00	41.31 1.54 0.00	42.16 1.49 0.00	35.53 1.38 0.00	33.08 1.36 0.00	30.93 1.14 0.00
RAVENSWOOD_GT3_3 24250	29.89 0.92 -0.06	24.18 0.66 0.00	26.25 0.65 0.00	25.11 0.62 0.00	24.38 0.62 0.00	29.15 0.70 0.00	38.87 1.23 0.00	40.92 1.66 0.00	32.07 1.50 0.00	24.65 1.34 0.00	60.23 0.89 -43.68	29.49 1.07 -9.54	46.97 1.05 -26.95	35.51 1.32 -10.58	34.33 1.62 -4.27	33.93 1.96 0.00	34.33 1.88 -2.37	36.76 2.06 0.00	47.66 2.13 0.00	41.39 1.63 0.00	42.24 1.56 0.00	35.59 1.44 0.00	33.14 1.42 0.00	30.98 1.19 0.00
RAVENSWOOD_GT3_4 24251	29.89 0.92 -0.06	24.18 0.66 0.00	26.25 0.65 0.00	25.11 0.62 0.00	24.38 0.62 0.00	29.15 0.70 0.00	38.87 1.23 0.00	40.92 1.66 0.00	32.07 1.50 0.00	24.65 1.34 0.00	60.23 0.89 -43.68	29.49 1.07 -9.54	46.97 1.05 -26.95	35.51 1.32 -10.58	34.33 1.62 -4.27	33.93 1.96 0.00	34.33 1.88 -2.37	36.76 2.06 0.00	47.66 2.13 0.00	41.39 1.63 0.00	42.24 1.56 0.00	35.59 1.44 0.00	33.14 1.42 0.00	30.98 1.19 0.00
RAVENSWOOD_GT_1 23729	29.84 0.87 -0.06	24.13 0.62 0.00	26.20 0.60 0.00	25.07 0.58 0.00	24.34 0.58 0.00	29.11 0.67 0.00	38.78 1.15 0.00	40.93 1.67 0.00	32.08 1.51 0.00	24.65 1.34 0.00	60.23 0.89 -43.68	29.49 1.07 -9.54	46.95 1.03 -26.95	35.53 1.34 -10.58	34.35 1.64 -4.27	33.93 1.97 0.00	34.37 1.91 -2.37	36.75 2.06 0.00	47.54 2.01 0.00	41.28 1.51 0.00	42.12 1.45 0.00	35.54 1.39 0.00	33.10 1.38 0.00	30.93 1.14 0.00
RAVENSWOOD_GT_10 24258	29.84 0.87 -0.06	24.15 0.63 0.00	26.22 0.62 0.00	25.09 0.59 0.00	24.35 0.59 0.00	29.12 0.67 0.00	38.81 1.18 0.00	40.85 1.59 0.00	32.01 1.45 0.00	24.61 1.30 0.00	60.20 0.86 -43.68	29.45 1.03 -9.54	46.93 1.01 -26.95	35.46 1.27 -10.58	34.27 1.56 -4.27	33.86 1.90 0.00	34.28 1.81 -2.37	36.69 1.99 0.00	47.58 2.04 0.00	41.31 1.54 0.00	42.16 1.49 0.00	35.53 1.38 0.00	33.08 1.36 0.00	30.93 1.14 0.00
RAVENSWOOD_GT_11 24259	29.84 0.87 -0.06	24.15 0.63 0.00	26.22 0.62 0.00	25.09 0.59 0.00	24.35 0.59 0.00	29.12 0.67 0.00	38.81 1.18 0.00	40.85 1.59 0.00	32.01 1.45 0.00	24.61 1.30 0.00	60.20 0.86 -43.68	29.45 1.03 -9.54	46.93 1.01 -26.95	35.46 1.27 -10.58	34.27 1.56 -4.27	33.86 1.90 0.00	34.28 1.81 -2.37	36.69 1.99 0.00	47.58 2.04 0.00	41.31 1.54 0.00	42.16 1.49 0.00	35.53 1.38 0.00	33.08 1.36 0.00	30.93 1.14 0.00
RAVENSWOOD_GT_4 24252	29.84 0.87 -0.06	24.15 0.63 0.00	26.22 0.62 0.00	25.09 0.59 0.00	24.35 0.59 0.00	29.12 0.67 0.00	38.80 1.17 0.00	40.85 1.60 0.00	32.01 1.45 0.00	24.61 1.30 0.00	60.20 0.86 -43.68	29.45 1.03 -9.54	46.93 1.01 -26.95	35.47 1.28 -10.58	34.27 1.56 -4.27	33.86 1.90 0.00	34.28 1.82 -2.37	36.69 1.99 0.00	47.58 2.04 0.00	41.31 1.54 0.00	42.16 1.49 0.00	35.53 1.38 0.00	33.08 1.37 0.00	30.93 1.14 0.00
RAVENSWOOD_GT_5 24254	29.84 0.87 -0.06	24.15 0.63 0.00	26.22 0.62 0.00	25.09 0.59 0.00	24.35 0.59 0.00	29.12 0.67 0.00	38.80 1.17 0.00	40.85 1.60 0.00	32.01 1.45 0.00	24.61 1.30 0.00	60.20 0.86 -43.68	29.45 1.03 -9.54	46.93 1.01 -26.95	35.47 1.28 -10.58	34.27 1.56 -4.27	33.86 1.90 0.00	34.28 1.82 -2.37	36.69 1.99 0.00	47.58 2.04 0.00	41.31 1.54 0.00	42.16 1.49 0.00	35.53 1.38 0.00	33.08 1.37 0.00	30.93 1.14 0.00
RAVENSWOOD_GT_6 24253	29.84 0.87 -0.06	24.15 0.63 0.00	26.22 0.62 0.00	25.09 0.59 0.00	24.35 0.59 0.00	29.12 0.67 0.00	38.80 1.17 0.00	40.85 1.60 0.00	32.01 1.45 0.00	24.61 1.30 0.00	60.20 0.86 -43.68	29.45 1.03 -9.54	46.93 1.01 -26.95	35.47 1.28 -10.58	34.27 1.56 -4.27	33.86 1.90 0.00	34.28 1.82 -2.37	36.69 1.99 0.00	47.58 2.04 0.00	41.31 1.54 0.00	42.16 1.49 0.00	35.53 1.38 0.00	33.08 1.37 0.00	30.93 1.14 0.00
RAVENSWOOD_GT_7 24255	29.84 0.87 -0.06	24.15 0.63 0.00	26.22 0.62 0.00	25.09 0.59 0.00	24.35 0.59 0.00	29.12 0.67 0.00	38.80 1.17 0.00	40.85 1.60 0.00	32.01 1.45 0.00	24.61 1.30 0.00	60.20 0.86 -43.68	29.45 1.03 -9.54	46.93 1.01 -26.95	35.47 1.28 -10.58	34.27 1.56 -4.27	33.86 1.90 0.00	34.28 1.82 -2.37	36.69 1.99 0.00	47.58 2.04 0.00	41.31 1.54 0.00	42.16 1.49 0.00	35.53 1.38 0.00	33.08 1.37 0.00	30.93 1.14 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.84 0.87 -0.06	24.15 0.63 0.00	26.22 0.62 0.00	25.09 0.59 0.00	24.35 0.59 0.00	29.12 0.67 0.00	38.81 1.18 0.00	40.85 1.59 0.00	32.01 1.45 0.00	24.61 1.30 0.00	60.20 0.86 -43.68	29.45 1.03 -9.54	46.93 1.01 -26.95	35.46 1.27 -10.58	34.27 1.56 -4.27	33.86 1.90 0.00	34.28 1.81 -2.37	36.69 1.99 0.00	47.58 2.04 0.00	41.31 1.54 0.00	42.16 1.49 0.00	35.53 1.38 0.00	33.08 1.36 0.00	30.93 1.14 0.00
RAVENSWOOD_GT_9 24257	29.84 0.87 -0.06	24.15 0.63 0.00	26.22 0.62 0.00	25.09 0.59 0.00	24.35 0.59 0.00	29.12 0.67 0.00	38.81 1.18 0.00	40.85 1.59 0.00	32.01 1.45 0.00	24.61 1.30 0.00	60.20 0.86 -43.68	29.45 1.03 -9.54	46.93 1.01 -26.95	35.46 1.27 -10.58	34.27 1.56 -4.27	33.86 1.90 0.00	34.28 1.81 -2.37	36.69 1.99 0.00	47.58 2.04 0.00	41.31 1.54 0.00	42.16 1.49 0.00	35.53 1.38 0.00	33.08 1.36 0.00	30.93 1.14 0.00

RAVENSWOOD___1 23533	29.84 0.87 -0.06	24.14 0.62 0.00	26.20 0.60 0.00	25.07 0.58 0.00	24.34 0.58 0.00	29.11 0.67 0.00	38.77 1.14 0.00	40.93 1.67 0.00	32.08 1.51 0.00	24.65 1.35 0.00	60.24 0.90 -43.68	29.49 1.07 -9.54	46.99 1.07 -26.95	35.55 1.36 -10.58	34.36 1.65 -4.27	33.93 1.97 0.00	34.37 1.91 -2.37	36.75 2.06 0.00	47.55 2.01 0.00	41.28 1.52 0.00	42.12 1.45 0.00	35.54 1.39 0.00	33.10 1.39 0.00	30.93 1.14 0.00
RAVENSWOOD___2 23534	29.84 0.87 -0.06	24.14 0.62 0.00	26.20 0.60 0.00	25.07 0.58 0.00	24.34 0.58 0.00	29.11 0.67 0.00	38.77 1.14 0.00	40.93 1.67 0.00	32.08 1.51 0.00	24.65 1.35 0.00	60.24 0.90 -43.68	29.49 1.07 -9.54	46.99 1.07 -26.95	35.55 1.36 -10.58	34.36 1.65 -4.27	33.93 1.97 0.00	34.37 1.91 -2.37	36.75 2.06 0.00	47.55 2.01 0.00	41.28 1.52 0.00	42.12 1.45 0.00	35.54 1.39 0.00	33.10 1.39 0.00	30.93 1.14 0.00
RAVENSWOOD___3 23535	29.84 0.87 -0.06	24.15 0.63 0.00	26.22 0.62 0.00	25.09 0.59 0.00	24.35 0.59 0.00	29.12 0.67 0.00	38.80 1.17 0.00	40.85 1.60 0.00	32.01 1.45 0.00	24.61 1.30 0.00	60.20 0.87 -43.68	29.45 1.03 -9.54	46.96 1.04 -26.95	35.48 1.29 -10.58	34.28 1.57 -4.27	33.86 1.90 0.00	34.27 1.82 -2.37	36.69 1.99 0.00	47.58 2.04 0.00	41.32 1.55 0.00	42.16 1.49 0.00	35.53 1.38 0.00	33.08 1.37 0.00	30.93 1.14 0.00
RAVENSWOOD___4 23820	29.84 0.87 -0.06	24.14 0.62 0.00	26.20 0.60 0.00	25.07 0.58 0.00	24.34 0.58 0.00	29.11 0.67 0.00	38.77 1.14 0.00	40.93 1.67 0.00	32.08 1.51 0.00	24.65 1.35 0.00	60.24 0.90 -43.68	29.49 1.07 -9.54	46.99 1.07 -26.95	35.55 1.36 -10.58	34.36 1.65 -4.27	33.93 1.97 0.00	34.37 1.91 -2.37	36.75 2.06 0.00	47.55 2.01 0.00	41.28 1.52 0.00	42.12 1.45 0.00	35.54 1.39 0.00	33.10 1.39 0.00	30.93 1.14 0.00
RCPL_TRUST___DRP 24196	29.84 0.87 -0.06	24.14 0.63 0.00	26.22 0.62 0.00	25.09 0.59 0.00	24.35 0.60 0.00	29.13 0.68 0.00	38.82 1.19 0.00	40.88 1.62 0.00	32.04 1.48 0.00	24.63 1.33 0.00	60.21 0.88 -43.67	29.49 1.05 -9.56	46.94 1.04 -26.93	35.48 1.30 -10.57	34.30 1.59 -4.27	33.90 1.93 0.00	34.31 1.84 -2.38	36.71 2.01 0.00	47.61 2.07 0.00	41.31 1.55 0.00	42.16 1.49 0.00	35.53 1.37 0.00	33.08 1.36 0.00	30.93 1.13 0.00
RED___ROCHESTER 323720	28.64 -0.28 0.00	23.26 -0.25 0.00	25.37 -0.23 0.00	24.25 -0.24 0.00	23.55 -0.21 0.00	28.37 0.04 0.00	37.67 0.04 0.00	39.24 -0.01 0.00	30.61 0.04 0.00	23.38 0.08 0.00	15.83 0.17 0.00	19.17 0.30 0.00	19.37 0.40 0.00	24.15 0.54 0.00	29.12 0.68 0.00	32.60 0.64 0.00	30.61 0.52 0.00	35.23 0.53 0.00	46.25 0.71 0.00	40.31 0.54 0.00	41.24 0.57 0.00	34.51 0.35 0.00	32.01 0.29 0.00	30.01 0.22 0.00
REGAN___SOLAR 323812	30.11 1.23 0.03	24.47 0.95 0.00	26.64 1.04 0.00	25.46 0.97 0.00	24.71 0.95 0.00	29.67 1.23 0.00	39.47 1.84 0.00	41.03 1.77 0.00	31.25 0.68 0.00	23.26 -0.04 0.00	-3.47 0.00 19.12	20.00 -0.14 -1.26	3.79 -0.17 15.01	17.46 -0.26 5.89	25.80 -0.25 2.38	31.66 -0.31 0.00	30.18 -0.24 -0.32	35.02 0.33 0.00	47.31 1.78 0.00	42.12 2.35 0.00	43.10 2.42 0.00	36.10 1.94 0.00	33.42 1.70 0.00	31.29 1.49 0.00
RENSSELAER___COGEN 23796	29.16 0.29 0.04	23.85 0.34 0.00	25.91 0.31 0.00	24.83 0.34 0.00	24.10 0.34 0.00	28.71 0.26 0.00	38.04 0.41 0.00	39.78 0.53 0.00	31.05 0.48 0.00	23.64 0.33 0.00	-10.58 0.05 26.29	20.66 0.02 -1.76	-1.65 0.03 20.66	15.49 -0.01 8.11	25.12 -0.04 3.28	31.95 -0.02 0.00	30.50 -0.04 -0.45	34.64 -0.06 0.00	45.43 -0.10 0.00	39.66 -0.11 0.00	40.55 -0.12 0.00	34.14 -0.01 0.00	31.69 -0.02 0.00	29.77 -0.03 0.00
REPUBLIC_115KV_BARTNBRK 55605	32.27 3.41 0.05	26.34 2.83 0.00	28.56 2.96 0.00	27.38 2.89 0.00	26.67 2.91 0.00	31.95 3.50 0.00	42.21 4.58 0.00	44.13 4.88 0.00	34.45 3.88 0.00	25.76 2.46 0.00	-11.26 1.66 28.58	22.49 2.00 -1.62	-1.32 1.99 22.28	17.28 2.42 8.75	27.47 2.57 3.53	34.96 2.99 0.00	33.37 2.86 -0.42	38.06 3.36 0.00	49.97 4.43 0.00	44.30 4.53 0.00	45.49 4.81 0.00	38.46 4.31 0.00	35.77 4.05 0.00	33.38 3.58 0.00
REVERE_CPPR_DRP 24186	29.73 0.82 0.00	24.16 0.64 0.00	26.29 0.69 0.00	25.15 0.66 0.00	24.43 0.67 0.00	29.38 0.94 0.00	39.10 1.47 0.00	40.65 1.39 0.00	31.42 0.86 0.00	23.78 0.48 0.00	15.96 0.31 0.00	19.24 0.36 0.00	19.35 0.38 0.00	24.17 0.56 0.00	29.11 0.67 0.00	32.69 0.72 0.00	30.88 0.79 0.00	35.87 1.17 0.00	47.46 1.93 0.00	41.76 2.00 0.00	42.71 2.04 0.00	35.72 1.57 0.00	33.08 1.36 0.00	30.93 1.14 0.00
REYNLDPA_13_KV_LD 356490	29.60 0.69 0.00	24.06 0.55 0.00	26.21 0.61 0.00	25.07 0.58 0.00	24.33 0.57 0.00	29.17 0.72 0.00	38.49 0.86 0.00	39.96 0.70 0.00	31.06 0.50 0.00	23.73 0.42 0.00	15.94 0.28 0.00	19.21 0.33 0.00	19.29 0.32 0.00	24.04 0.44 0.00	28.95 0.51 0.00	32.49 0.53 0.00	30.54 0.45 0.00	35.15 0.45 0.00	46.24 0.70 0.00	40.48 0.71 0.00	41.49 0.81 0.00	34.73 0.58 0.00	32.14 0.43 0.00	30.29 0.49 0.00
REYNOLDS_115KV_TB3 80639	29.17 0.31 0.05	23.88 0.37 0.00	25.96 0.36 0.00	24.87 0.37 0.00	24.14 0.38 0.00	28.74 0.29 0.00	38.07 0.44 0.00	39.82 0.57 0.00	31.10 0.53 0.00	23.68 0.37 0.00	-15.42 0.14 31.21	20.87 0.15 -1.84	-5.24 0.16 24.38	14.18 0.14 9.57	24.70 0.13 3.87	32.19 0.22 0.00	30.71 0.15 -0.47	34.85 0.16 0.00	45.70 0.17 0.00	39.91 0.14 0.00	40.81 0.13 0.00	34.40 0.25 0.00	31.93 0.21 0.00	30.00 0.20 0.00
RIVERBAY____ 323610	30.70 1.73 -0.06	24.85 1.34 0.00	26.99 1.39 0.00	25.83 1.34 0.00	25.08 1.32 0.00	30.02 1.57 0.00	39.91 2.28 0.00	42.15 2.89 0.00	33.00 2.44 0.00	25.30 2.00 0.00	60.66 1.32 -43.68	30.01 1.59 -9.54	47.46 1.54 -26.95	36.18 1.99 -10.58	35.14 2.43 -4.27	34.80 2.83 0.00	35.16 2.70 -2.37	37.70 3.00 0.00	48.78 3.25 0.00	42.32 2.55 0.00	43.18 2.51 0.00	36.44 2.29 0.00	33.98 2.26 0.00	31.70 1.91 0.00
RIVERSDE_115KV_TB3 55908	29.20 0.34 0.05	23.90 0.39 0.00	25.97 0.37 0.00	24.88 0.39 0.00	24.15 0.39 0.00	28.76 0.31 0.00	38.12 0.48 0.00	39.86 0.61 0.00	31.13 0.56 0.00	23.70 0.39 0.00	-13.11 0.11 28.88	20.78 0.11 -1.79	-3.50 0.13 22.61	14.83 0.10 8.88	24.94 0.09 3.59	32.11 0.15 0.00	30.66 0.10 -0.46	34.82 0.12 0.00	45.66 0.13 0.00	39.85 0.08 0.00	40.74 0.07 0.00	34.32 0.16 0.00	31.85 0.13 0.00	29.91 0.12 0.00
ROARING___BROOK_WT_PWR 323790	28.97 0.05 0.00	23.53 0.01 0.00	25.63 0.03 0.00	24.52 0.03 0.00	23.76 0.00 0.00	28.52 0.08 0.00	37.71 0.08 0.00	39.23 -0.03 0.00	30.54 -0.03 0.00	23.31 0.00 0.00	15.67 0.01 0.00	18.89 0.01 0.00	18.98 0.00 0.00	23.62 0.01 0.00	28.45 0.01 0.00	31.97 0.01 0.00	30.10 0.01 0.00	34.71 0.01 0.00	45.58 0.05 0.00	39.81 0.04 0.00	40.75 0.08 0.00	34.20 0.04 0.00	31.75 0.03 0.00	29.83 0.04 0.00

ROCHESRG_115KV_T4 355643	28.36 -0.56 0.00	23.05 -0.46 0.00	25.16 -0.44 0.00	24.05 -0.45 0.00	23.35 -0.41 0.00	28.11 -0.34 0.00	37.28 -0.35 0.00	38.77 -0.48 0.00	30.24 -0.32 0.00	23.11 -0.20 0.00	15.63 -0.02 0.00	18.93 0.05 0.00	19.12 0.15 0.00	23.80 0.19 0.00	28.72 0.28 0.00	32.14 0.17 0.00	30.17 0.08 0.00	34.70 0.00 0.00	45.53 -0.01 0.00	39.69 -0.08 0.00	40.62 -0.05 0.00	34.03 -0.13 0.00	31.60 -0.12 0.00	29.67 -0.13 0.00
ROCHESTER_9_IC 23652	28.51 -0.40 0.00	23.17 -0.34 0.00	25.27 -0.33 0.00	24.16 -0.33 0.00	23.46 -0.30 0.00	28.26 -0.19 0.00	37.50 -0.13 0.00	39.08 -0.18 0.00	30.49 -0.08 0.00	23.28 -0.02 0.00	15.76 0.10 0.00	19.09 0.21 0.00	19.30 0.33 0.00	24.04 0.43 0.00	28.95 0.52 0.00	32.39 0.43 0.00	30.41 0.32 0.00	34.99 0.30 0.00	45.92 0.38 0.00	40.03 0.26 0.00	40.96 0.29 0.00	34.28 0.13 0.00	31.82 0.10 0.00	29.86 0.06 0.00
ROCKVIEW_13_KV_LD 356306	29.84 0.87 -0.06	24.15 0.64 0.00	26.21 0.61 0.00	25.08 0.58 0.00	24.35 0.59 0.00	29.10 0.65 0.00	38.79 1.16 0.00	40.82 1.57 0.00	31.97 1.41 0.00	24.54 1.23 0.00	60.15 0.82 -43.68	29.41 0.98 -9.55	46.88 0.97 -26.94	35.40 1.21 -10.58	34.21 1.49 -4.27	33.80 1.84 0.00	34.21 1.75 -2.37	36.65 1.95 0.00	47.62 2.08 0.00	41.36 1.59 0.00	42.21 1.54 0.00	35.54 1.39 0.00	33.08 1.37 0.00	30.94 1.14 0.00
ROME____115KV_TB2 80656	29.73 0.82 0.00	24.16 0.64 0.00	26.29 0.69 0.00	25.15 0.66 0.00	24.43 0.67 0.00	29.38 0.94 0.00	39.10 1.47 0.00	40.65 1.39 0.00	31.42 0.86 0.00	23.78 0.48 0.00	15.96 0.31 0.00	19.24 0.36 0.00	19.35 0.38 0.00	24.17 0.56 0.00	29.11 0.67 0.00	32.69 0.72 0.00	30.88 0.79 0.00	35.87 1.17 0.00	47.46 1.93 0.00	41.76 2.00 0.00	42.71 2.04 0.00	35.72 1.57 0.00	33.08 1.36 0.00	30.93 1.14 0.00
ROSETON___1 23587	29.38 0.43 -0.04	23.82 0.31 0.00	25.89 0.30 0.00	24.78 0.28 0.00	24.03 0.28 0.00	28.73 0.28 0.00	38.20 0.57 0.00	40.10 0.84 0.00	31.33 0.76 0.00	23.97 0.66 0.00	33.52 0.43 -17.43	12.75 0.50 6.63	36.41 0.50 -16.93	30.87 0.61 -6.65	31.87 0.74 -2.69	32.91 0.95 0.00	29.34 0.92 1.67	35.72 1.02 0.00	46.60 1.07 0.00	40.58 0.81 0.00	41.43 0.76 0.00	34.86 0.70 0.00	32.44 0.72 0.00	30.40 0.61 0.00
ROSETON___2 23588	29.38 0.43 -0.04	23.82 0.31 0.00	25.89 0.30 0.00	24.78 0.28 0.00	24.03 0.28 0.00	28.73 0.28 0.00	38.20 0.57 0.00	40.10 0.84 0.00	31.33 0.76 0.00	23.97 0.66 0.00	33.52 0.43 -17.43	12.75 0.50 6.63	36.41 0.50 -16.93	30.87 0.61 -6.65	31.87 0.74 -2.69	32.91 0.95 0.00	29.34 0.92 1.67	35.72 1.02 0.00	46.60 1.07 0.00	40.58 0.81 0.00	41.43 0.76 0.00	34.86 0.70 0.00	32.44 0.72 0.00	30.40 0.61 0.00
ROTRRDAM_115KV_TB3 80664	29.38 0.51 0.04	23.95 0.44 0.00	26.07 0.46 0.00	24.94 0.45 0.00	24.20 0.44 0.00	28.93 0.48 0.00	38.35 0.72 0.00	40.07 0.82 0.00	31.16 0.59 0.00	23.70 0.39 0.00	-5.66 0.25 21.56	20.66 0.28 -1.50	2.26 0.26 16.98	17.24 0.30 6.67	26.08 0.33 2.69	32.40 0.43 0.00	30.89 0.41 -0.39	35.26 0.57 0.00	46.35 0.81 0.00	40.54 0.77 0.00	41.44 0.77 0.00	34.84 0.69 0.00	32.37 0.65 0.00	30.38 0.58 0.00
RUSSELL___1 23602	28.64 -0.28 0.00	23.26 -0.25 0.00	25.37 -0.23 0.00	24.25 -0.24 0.00	23.56 -0.20 0.00	28.36 -0.08 0.00	37.66 0.03 0.00	39.24 -0.01 0.00	30.61 0.05 0.00	23.38 0.08 0.00	15.83 0.17 0.00	19.17 0.29 0.00	19.39 0.42 0.00	24.17 0.55 0.00	29.13 0.69 0.00	32.60 0.64 0.00	30.61 0.52 0.00	35.23 0.53 0.00	46.25 0.71 0.00	40.31 0.55 0.00	41.24 0.57 0.00	34.50 0.35 0.00	32.01 0.29 0.00	30.01 0.22 0.00
RUSSELL___2 23532	28.64 -0.28 0.00	23.26 -0.25 0.00	25.37 -0.23 0.00	24.25 -0.24 0.00	23.56 -0.20 0.00	28.36 -0.08 0.00	37.66 0.03 0.00	39.24 -0.01 0.00	30.61 0.05 0.00	23.38 0.08 0.00	15.83 0.17 0.00	19.17 0.29 0.00	19.39 0.42 0.00	24.17 0.55 0.00	29.13 0.69 0.00	32.60 0.64 0.00	30.61 0.52 0.00	35.23 0.53 0.00	46.25 0.71 0.00	40.31 0.55 0.00	41.24 0.57 0.00	34.50 0.35 0.00	32.01 0.29 0.00	30.01 0.22 0.00
RUSSELL___3 23549	28.64 -0.28 0.00	23.26 -0.25 0.00	25.37 -0.23 0.00	24.25 -0.24 0.00	23.56 -0.20 0.00	28.36 -0.08 0.00	37.66 0.03 0.00	39.24 -0.01 0.00	30.61 0.05 0.00	23.38 0.08 0.00	15.83 0.17 0.00	19.17 0.29 0.00	19.39 0.42 0.00	24.17 0.55 0.00	29.13 0.69 0.00	32.60 0.64 0.00	30.61 0.52 0.00	35.23 0.53 0.00	46.25 0.71 0.00	40.31 0.55 0.00	41.24 0.57 0.00	34.50 0.35 0.00	32.01 0.29 0.00	30.01 0.22 0.00
RUSSELL___4 23556	28.64 -0.28 0.00	23.26 -0.25 0.00	25.37 -0.23 0.00	24.25 -0.24 0.00	23.56 -0.20 0.00	28.36 -0.08 0.00	37.66 0.03 0.00	39.24 -0.01 0.00	30.61 0.05 0.00	23.38 0.08 0.00	15.83 0.17 0.00	19.17 0.29 0.00	19.39 0.42 0.00	24.17 0.55 0.00	29.13 0.69 0.00	32.60 0.64 0.00	30.61 0.52 0.00	35.23 0.53 0.00	46.25 0.71 0.00	40.31 0.55 0.00	41.24 0.57 0.00	34.50 0.35 0.00	32.01 0.29 0.00	30.01 0.22 0.00
RUSSELL___STATION 23914	28.64 -0.28 0.00	23.26 -0.25 0.00	25.37 -0.23 0.00	24.25 -0.24 0.00	23.56 -0.20 0.00	28.36 -0.08 0.00	37.66 0.03 0.00	39.24 -0.01 0.00	30.61 0.05 0.00	23.38 0.08 0.00	15.83 0.17 0.00	19.17 0.29 0.00	19.39 0.42 0.00	24.17 0.55 0.00	29.13 0.69 0.00	32.60 0.64 0.00	30.61 0.52 0.00	35.23 0.53 0.00	46.25 0.71 0.00	40.31 0.55 0.00	41.24 0.57 0.00	34.50 0.35 0.00	32.01 0.29 0.00	30.01 0.22 0.00
S SALMON___HYD 24043	28.89 -0.02 0.00	23.45 -0.07 0.00	25.49 -0.10 0.00	24.39 -0.10 0.00	23.69 -0.07 0.00	28.45 0.00 0.00	37.84 0.21 0.00	39.33 0.08 0.00	30.52 -0.04 0.00	23.21 -0.10 0.00	15.58 -0.08 0.00	18.78 -0.10 0.00	18.81 -0.16 0.00	23.44 -0.17 0.00	28.27 -0.17 0.00	31.64 -0.32 0.00	29.73 -0.36 0.00	34.31 -0.39 0.00	45.49 -0.05 0.00	40.05 0.28 0.00	41.08 0.41 0.00	34.50 0.35 0.00	32.05 0.33 0.00	30.01 0.22 0.00
S.PERRY__115KV_TB1 80734	29.22 0.30 0.00	23.65 0.14 0.00	25.75 0.15 0.00	24.64 0.14 0.00	23.95 0.19 0.00	28.90 0.45 0.00	38.57 0.94 0.00	40.10 0.85 0.00	30.93 0.36 0.00	23.41 0.11 0.00	15.86 0.20 0.00	19.25 0.37 0.00	19.57 0.59 0.00	24.23 0.62 0.00	29.31 0.87 0.00	32.80 0.83 0.00	30.97 0.88 0.00	35.61 0.91 0.00	47.22 1.69 0.00	41.48 1.71 0.00	42.40 1.73 0.00	35.39 1.24 0.00	32.76 1.04 0.00	30.73 0.93 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.06 -0.86 0.00	22.83 -0.69 0.00	24.96 -0.64 0.00	23.85 -0.64 0.00	23.15 -0.61 0.00	27.87 -0.58 0.00	36.84 -0.79 0.00	38.02 -1.24 0.00	29.79 -0.78 0.00	22.92 -0.39 0.00	15.60 -0.05 0.00	18.91 0.03 0.00	19.15 0.18 0.00	23.72 0.10 0.00	28.69 0.25 0.00	31.93 -0.03 0.00	29.84 -0.25 0.00	34.06 -0.63 0.00	44.38 -1.16 0.00	38.71 -1.06 0.00	39.69 -0.98 0.00	33.34 -0.81 0.00	31.09 -0.63 0.00	29.33 -0.47 0.00

SAWYER___23_KV_LOAD 55526	28.06 -0.86 0.00	22.83 -0.69 0.00	24.96 -0.64 0.00	23.85 -0.64 0.00	23.15 -0.61 0.00	27.87 -0.58 0.00	36.84 -0.79 0.00	38.02 -1.24 0.00	29.79 -0.78 0.00	22.92 -0.39 0.00	15.60 -0.05 0.00	18.91 0.03 0.00	19.15 0.18 0.00	23.72 0.10 0.00	28.69 0.25 0.00	31.93 -0.03 0.00	29.84 -0.25 0.00	34.06 -0.63 0.00	44.38 -1.16 0.00	38.71 -1.06 0.00	39.69 -0.98 0.00	33.34 -0.81 0.00	31.09 -0.63 0.00	29.33 -0.47 0.00
SELKIRK___I 23801	29.34 0.45 0.03	23.97 0.46 0.00	26.08 0.48 0.00	24.97 0.47 0.00	24.24 0.48 0.00	28.92 0.47 0.00	38.28 0.65 0.00	39.93 0.68 0.00	31.06 0.49 0.00	23.65 0.34 0.00	-1.53 0.17 17.35	20.68 0.16 -1.64	5.21 0.16 13.93	18.31 0.17 5.47	26.44 0.20 2.21	32.24 0.28 0.00	30.74 0.23 -0.42	35.03 0.33 0.00	45.97 0.43 0.00	40.16 0.39 0.00	41.06 0.39 0.00	34.56 0.41 0.00	32.12 0.40 0.00	30.17 0.37 0.00
SELKIRK___II 23799	29.19 0.31 0.03	23.84 0.32 0.00	25.92 0.32 0.00	24.82 0.33 0.00	24.08 0.32 0.00	28.73 0.28 0.00	38.07 0.44 0.00	39.82 0.56 0.00	31.06 0.49 0.00	23.66 0.35 0.00	-1.30 0.13 17.09	20.61 0.13 -1.60	5.41 0.13 13.70	18.36 0.13 5.38	26.40 0.13 2.17	32.16 0.19 0.00	30.66 0.16 -0.41	34.88 0.18 0.00	45.73 0.19 0.00	39.92 0.15 0.00	40.82 0.15 0.00	34.36 0.21 0.00	31.92 0.20 0.00	29.98 0.18 0.00
SENECA OSWGO___HYD 24041	28.20 -0.71 0.00	22.91 -0.60 0.00	24.95 -0.65 0.00	23.87 -0.63 0.00	23.16 -0.60 0.00	27.78 -0.67 0.00	36.87 -0.76 0.00	38.47 -0.79 0.00	29.94 -0.63 0.00	22.78 -0.53 0.00	15.32 -0.34 0.00	18.50 -0.38 0.00	18.60 -0.38 0.00	23.16 -0.45 0.00	27.90 -0.54 0.00	31.30 -0.66 0.00	29.50 -0.59 0.00	34.07 -0.63 0.00	44.81 -0.73 0.00	39.13 -0.63 0.00	40.02 -0.65 0.00	33.58 -0.57 0.00	31.22 -0.49 0.00	29.29 -0.50 0.00
SENECA___115KV_TB3 355854	28.22 -0.70 0.00	22.93 -0.58 0.00	25.06 -0.54 0.00	23.96 -0.53 0.00	23.24 -0.52 0.00	28.00 -0.45 0.00	37.08 -0.55 0.00	38.31 -0.95 0.00	30.00 -0.57 0.00	23.07 -0.23 0.00	15.72 0.06 0.00	19.06 0.18 0.00	19.31 0.34 0.00	23.92 0.31 0.00	28.94 0.50 0.00	32.24 0.28 0.00	30.16 0.07 0.00	34.44 -0.26 0.00	44.88 -0.65 0.00	39.18 -0.59 0.00	40.14 -0.53 0.00	33.69 -0.47 0.00	31.38 -0.34 0.00	29.55 -0.25 0.00
SENECA___ENERGY 23797	28.46 -0.46 0.00	23.09 -0.42 0.00	25.15 -0.44 0.00	24.09 -0.41 0.00	23.39 -0.37 0.00	28.11 -0.33 0.00	37.35 -0.28 0.00	38.91 -0.35 0.00	30.24 -0.32 0.00	22.99 -0.32 0.00	15.49 -0.17 0.00	18.73 -0.15 0.00	18.90 -0.07 0.00	23.51 -0.10 0.00	28.36 -0.07 0.00	31.89 -0.07 0.00	29.93 -0.16 0.00	34.54 -0.15 0.00	45.57 0.04 0.00	40.12 0.35 0.00	40.99 0.32 0.00	34.32 0.17 0.00	31.87 0.16 0.00	29.87 0.07 0.00
SHOEMAKER___GT 23640	29.37 0.42 -0.04	23.81 0.30 0.00	25.88 0.28 0.00	24.76 0.27 0.00	24.02 0.26 0.00	28.72 0.27 0.00	38.19 0.56 0.00	40.07 0.82 0.00	31.27 0.71 0.00	23.89 0.59 0.00	34.03 0.37 -18.01	9.33 0.43 9.97	38.74 0.42 -19.34	31.74 0.54 -7.59	32.17 0.67 -3.07	32.86 0.89 0.00	28.47 0.88 2.50	35.67 0.98 0.00	46.65 1.11 0.00	40.66 0.89 0.00	41.52 0.85 0.00	34.91 0.76 0.00	32.46 0.75 0.00	30.41 0.61 0.00
SHOEMAKR_138KV_BK 111 55601	29.37 0.41 -0.04	23.80 0.29 0.00	25.87 0.27 0.00	24.75 0.25 0.00	24.01 0.25 0.00	28.72 0.27 0.00	38.18 0.55 0.00	40.06 0.81 0.00	31.28 0.71 0.00	23.91 0.60 0.00	33.80 0.38 -17.76	9.63 0.45 9.70	38.40 0.44 -19.00	31.62 0.55 -7.46	32.14 0.69 -3.01	32.89 0.92 0.00	28.55 0.90 2.44	35.70 1.00 0.00	46.63 1.10 0.00	40.64 0.87 0.00	41.50 0.83 0.00	34.89 0.74 0.00	32.46 0.75 0.00	30.40 0.61 0.00
SHOREHAM_IC_1 23715	29.79 0.79 -0.08	23.99 0.48 0.00	25.95 0.36 0.00	24.86 0.36 0.00	24.18 0.42 0.00	28.94 0.50 0.00	38.41 0.78 0.00	40.74 1.48 0.00	31.84 1.28 0.00	24.40 1.10 0.00	60.05 0.70 -43.69	29.44 0.82 -9.74	46.60 0.67 -26.96	37.95 0.81 -13.53	35.96 1.26 -6.25	35.05 1.85 -1.24	34.20 1.75 -2.36	36.58 1.88 0.00	47.28 1.75 0.00	41.03 1.26 0.00	41.83 1.16 0.00	35.41 1.26 0.00	32.77 1.05 0.00	30.62 0.83 0.00
SHOREHAM_IC_2 23716	29.80 0.81 -0.08	23.99 0.48 0.00	25.96 0.36 0.00	24.86 0.37 0.00	24.19 0.43 0.00	28.94 0.50 0.00	38.42 0.79 0.00	40.74 1.49 0.00	31.84 1.27 0.00	24.40 1.10 0.00	60.03 0.69 -43.69	29.44 0.82 -9.74	46.53 0.60 -26.96	37.93 0.79 -13.53	35.94 1.24 -6.25	35.05 1.86 -1.24	34.22 1.76 -2.36	36.59 1.89 0.00	47.28 1.75 0.00	41.03 1.26 0.00	41.83 1.16 0.00	35.41 1.26 0.00	32.77 1.05 0.00	30.62 0.82 0.00
SISSONVILLE____ 23735	30.06 1.15 0.00	24.41 0.90 0.00	26.57 0.97 0.00	25.42 0.93 0.00	24.76 1.00 0.00	29.72 1.27 0.00	39.29 1.66 0.00	40.65 1.39 0.00	31.48 0.92 0.00	23.95 0.64 0.00	16.07 0.41 0.00	19.35 0.47 0.00	19.42 0.44 0.00	24.22 0.61 0.00	29.17 0.73 0.00	32.54 0.57 0.00	30.41 0.32 0.00	34.95 0.25 0.00	46.26 0.72 0.00	40.82 1.05 0.00	42.03 1.35 0.00	35.31 1.16 0.00	32.72 1.00 0.00	30.82 1.03 0.00
SITHE_IND_GS1 24169	27.90 -1.02 0.00	22.67 -0.84 0.00	24.69 -0.91 0.00	23.62 -0.87 0.00	22.92 -0.84 0.00	27.48 -0.97 0.00	36.42 -1.21 0.00	37.98 -1.28 0.00	29.56 -1.01 0.00	22.51 -0.79 0.00	15.15 -0.50 0.00	18.29 -0.59 0.00	18.40 -0.58 0.00	22.90 -0.71 0.00	27.58 -0.86 0.00	30.95 -1.01 0.00	29.15 -0.94 0.00	33.65 -1.05 0.00	44.19 -1.34 0.00	38.55 -1.21 0.00	39.41 -1.26 0.00	33.09 -1.06 0.00	30.76 -0.95 0.00	28.89 -0.91 0.00
SITHE_IND_GS2 24170	27.90 -1.02 0.00	22.67 -0.84 0.00	24.69 -0.91 0.00	23.62 -0.87 0.00	22.92 -0.84 0.00	27.48 -0.97 0.00	36.42 -1.21 0.00	37.98 -1.28 0.00	29.56 -1.01 0.00	22.51 -0.79 0.00	15.15 -0.50 0.00	18.29 -0.59 0.00	18.40 -0.58 0.00	22.90 -0.71 0.00	27.58 -0.86 0.00	30.95 -1.01 0.00	29.15 -0.94 0.00	33.65 -1.05 0.00	44.19 -1.34 0.00	38.55 -1.21 0.00	39.41 -1.26 0.00	33.09 -1.06 0.00	30.76 -0.95 0.00	28.89 -0.91 0.00
SITHE_IND_GS3 24171	27.90 -1.02 0.00	22.67 -0.84 0.00	24.69 -0.91 0.00	23.62 -0.87 0.00	22.92 -0.84 0.00	27.48 -0.97 0.00	36.42 -1.21 0.00	37.98 -1.28 0.00	29.56 -1.01 0.00	22.51 -0.79 0.00	15.15 -0.50 0.00	18.29 -0.59 0.00	18.40 -0.58 0.00	22.90 -0.71 0.00	27.58 -0.86 0.00	30.95 -1.01 0.00	29.15 -0.94 0.00	33.65 -1.05 0.00	44.19 -1.34 0.00	38.55 -1.21 0.00	39.41 -1.26 0.00	33.09 -1.06 0.00	30.76 -0.95 0.00	28.89 -0.91 0.00
SITHE_IND_GS4 24172	27.90 -1.02 0.00	22.67 -0.84 0.00	24.69 -0.91 0.00	23.62 -0.87 0.00	22.92 -0.84 0.00	27.48 -0.97 0.00	36.42 -1.21 0.00	37.98 -1.28 0.00	29.56 -1.01 0.00	22.51 -0.79 0.00	15.15 -0.50 0.00	18.29 -0.59 0.00	18.40 -0.58 0.00	22.90 -0.71 0.00	27.58 -0.86 0.00	30.95 -1.01 0.00	29.15 -0.94 0.00	33.65 -1.05 0.00	44.19 -1.34 0.00	38.55 -1.21 0.00	39.41 -1.26 0.00	33.09 -1.06 0.00	30.76 -0.95 0.00	28.89 -0.91 0.00

SITHE___BATAVIA 24024	28.84 -0.07 0.00	23.44 -0.07 0.00	25.60 0.00 0.00	24.47 -0.02 0.00	23.77 0.01 0.00	28.67 0.23 0.00	38.04 0.41 0.00	39.42 0.16 0.00	30.71 0.15 0.00	23.39 0.09 0.00	15.85 0.19 0.00	19.18 0.30 0.00	19.46 0.49 0.00	24.27 0.66 0.00	29.37 0.93 0.00	32.61 0.64 0.00	30.54 0.45 0.00	35.18 0.48 0.00	46.14 0.60 0.00	40.22 0.45 0.00	41.28 0.61 0.00	34.60 0.45 0.00	32.16 0.44 0.00	30.24 0.44 0.00
SITHE___INDEPEND 23800	27.89 -1.02 0.00	22.68 -0.84 0.00	24.69 -0.91 0.00	23.62 -0.87 0.00	22.92 -0.84 0.00	27.48 -0.97 0.00	36.42 -1.21 0.00	37.98 -1.28 0.00	29.56 -1.01 0.00	22.51 -0.79 0.00	15.16 -0.50 0.00	18.29 -0.59 0.00	18.40 -0.57 0.00	22.90 -0.71 0.00	27.58 -0.86 0.00	30.95 -1.01 0.00	29.15 -0.94 0.00	33.65 -1.05 0.00	44.19 -1.34 0.00	38.55 -1.21 0.00	39.42 -1.26 0.00	33.09 -1.06 0.00	30.76 -0.96 0.00	28.89 -0.91 0.00
SITHE___MASSENA 23902	29.75 0.84 0.00	24.17 0.66 0.00	26.33 0.73 0.00	25.19 0.70 0.00	24.46 0.70 0.00	29.33 0.88 0.00	38.72 1.08 0.00	40.09 0.84 0.00	31.14 0.57 0.00	23.75 0.45 0.00	15.95 0.30 0.00	19.23 0.35 0.00	19.30 0.33 0.00	24.07 0.46 0.00	28.99 0.55 0.00	32.49 0.53 0.00	30.53 0.44 0.00	35.13 0.43 0.00	46.25 0.71 0.00	40.56 0.79 0.00	41.60 0.93 0.00	34.85 0.69 0.00	32.26 0.54 0.00	30.39 0.60 0.00
SITHE___OGDNSBRG 24021	30.45 1.53 0.00	24.73 1.22 0.00	26.92 1.33 0.00	25.76 1.27 0.00	25.04 1.28 0.00	30.07 1.63 0.00	39.77 2.13 0.00	41.07 1.81 0.00	31.68 1.11 0.00	23.97 0.67 0.00	16.08 0.42 0.00	19.36 0.48 0.00	19.44 0.47 0.00	24.25 0.64 0.00	29.20 0.76 0.00	32.64 0.68 0.00	30.60 0.51 0.00	35.19 0.49 0.00	46.68 1.15 0.00	41.51 1.74 0.00	42.73 2.06 0.00	35.76 1.61 0.00	33.07 1.36 0.00	31.13 1.33 0.00
SITHE___STERLING 23777	29.39 0.48 0.00	23.88 0.37 0.00	25.99 0.39 0.00	24.88 0.38 0.00	24.15 0.39 0.00	29.01 0.56 0.00	38.59 0.96 0.00	40.17 0.91 0.00	31.09 0.53 0.00	23.56 0.25 0.00	15.82 0.16 0.00	19.09 0.21 0.00	19.22 0.24 0.00	23.96 0.35 0.00	28.87 0.43 0.00	32.44 0.48 0.00	30.63 0.54 0.00	35.53 0.84 0.00	46.85 1.31 0.00	41.13 1.37 0.00	42.08 1.41 0.00	35.23 1.08 0.00	32.66 0.94 0.00	30.56 0.76 0.00
SLEIGHT__34_KV_TB1 80719	28.35 -0.57 0.00	23.02 -0.49 0.00	25.09 -0.50 0.00	24.00 -0.49 0.00	23.32 -0.44 0.00	28.06 -0.39 0.00	37.25 -0.38 0.00	38.75 -0.51 0.00	30.13 -0.44 0.00	22.94 -0.37 0.00	15.48 -0.17 0.00	18.73 -0.15 0.00	18.92 -0.06 0.00	23.55 -0.06 0.00	28.45 0.01 0.00	31.90 -0.06 0.00	30.01 -0.08 0.00	34.62 -0.08 0.00	45.52 -0.02 0.00	39.79 0.02 0.00	40.67 0.00 0.00	34.05 -0.11 0.00	31.58 -0.13 0.00	29.61 -0.18 0.00
SMITHTWN_69_KV_BK 1 55830	30.25 1.26 -0.08	24.34 0.83 0.00	26.35 0.75 0.00	25.23 0.74 0.00	24.53 0.77 0.00	29.37 0.92 0.00	38.99 1.36 0.00	41.33 2.07 0.00	32.30 1.73 0.00	24.77 1.46 0.00	60.30 0.95 -43.69	29.79 1.16 -9.75	46.98 1.05 -26.96	38.61 1.36 -13.64	36.64 1.89 -6.31	35.65 2.44 -1.24	34.71 2.26 -2.36	37.15 2.45 0.00	47.91 2.38 0.00	41.56 1.79 0.00	42.43 1.76 0.00	35.89 1.74 0.00	33.24 1.52 0.00	31.09 1.29 0.00
SOUTH CAIRO___GT 23612	30.01 1.12 0.02	24.49 0.98 0.00	26.62 1.02 0.00	25.48 0.99 0.00	24.75 0.98 0.00	29.56 1.11 0.00	39.36 1.73 0.00	41.35 2.09 0.00	32.03 1.47 0.00	24.06 0.75 0.00	15.98 0.32 0.00	19.25 0.37 0.00	19.37 0.40 0.00	24.07 0.46 0.00	28.97 0.53 0.00	32.63 0.67 0.00	30.77 0.68 0.00	35.78 1.09 0.00	47.49 1.95 0.00	41.77 2.00 0.00	42.78 2.10 0.00	35.83 1.68 0.00	33.08 1.37 0.00	30.96 1.17 0.00
SOUTH HAMPTN___IC 23720	30.20 1.21 -0.08	24.34 0.83 0.00	26.34 0.74 0.00	25.23 0.74 0.00	24.55 0.79 0.00	29.41 0.96 0.00	39.04 1.41 0.00	41.38 2.12 0.00	32.37 1.80 0.00	24.82 1.52 0.00	60.34 1.00 -43.69	29.80 1.19 -9.73	46.99 1.06 -26.96	38.41 1.31 -13.49	36.54 1.87 -6.24	35.73 2.53 -1.23	34.85 2.39 -2.36	37.34 2.64 0.00	48.22 2.68 0.00	41.82 2.06 0.00	42.62 1.94 0.00	36.04 1.89 0.00	33.32 1.60 0.00	31.11 1.31 0.00
SOUTHDOW_115KV_TB1 355954	28.39 -0.52 0.00	23.05 -0.46 0.00	25.20 -0.40 0.00	24.17 -0.32 0.00	23.47 -0.29 0.00	28.21 -0.23 0.00	37.91 0.28 0.00	39.76 0.50 0.00	30.97 0.41 0.00	23.91 0.61 0.00	16.34 0.68 0.00	19.88 1.00 0.00	20.14 1.16 0.00	24.96 1.35 0.00	30.20 1.76 0.00	33.71 1.74 0.00	31.51 1.42 0.00	35.52 0.83 0.00	46.37 0.83 0.00	40.67 0.90 0.00	41.64 0.97 0.00	34.86 0.71 0.00	32.38 0.67 0.00	30.24 0.44 0.00
SOUTHOLD_69_KV_BK 2 55809	30.61 1.62 -0.08	24.69 1.18 0.00	26.74 1.15 0.00	25.60 1.11 0.00	24.94 1.18 0.00	29.91 1.47 0.00	39.70 2.07 0.00	42.04 2.79 0.00	32.92 2.35 0.00	25.25 1.94 0.00	60.62 1.27 -43.69	30.16 1.54 -9.73	47.29 1.36 -26.96	38.83 1.73 -13.49	37.09 2.42 -6.24	36.43 3.23 -1.23	35.54 3.09 -2.36	38.13 3.43 0.00	49.22 3.68 0.00	42.70 2.94 0.00	43.47 2.80 0.00	36.75 2.60 0.00	33.93 2.21 0.00	31.63 1.84 0.00
SOUTHOLD___IC 23719	30.60 1.61 -0.08	24.69 1.18 0.00	26.74 1.14 0.00	25.61 1.11 0.00	24.93 1.17 0.00	29.91 1.47 0.00	39.69 2.06 0.00	42.04 2.79 0.00	32.92 2.35 0.00	25.25 1.94 0.00	60.63 1.29 -43.69	30.16 1.54 -9.73	47.36 1.43 -26.96	38.85 1.75 -13.49	37.11 2.43 -6.24	36.42 3.23 -1.23	35.52 3.07 -2.36	38.12 3.43 0.00	49.21 3.68 0.00	42.70 2.94 0.00	43.47 2.80 0.00	36.75 2.60 0.00	33.92 2.21 0.00	31.63 1.84 0.00
SOUTH_FORK_WT_PWR 323839	30.61 1.62 -0.08	24.73 1.22 0.00	26.79 1.20 0.00	25.66 1.16 0.00	25.00 1.24 0.00	30.00 1.55 0.00	39.79 2.16 0.00	42.11 2.85 0.00	32.98 2.41 0.00	25.29 1.99 0.00	60.68 1.33 -43.69	30.20 1.58 -9.73	47.40 1.47 -26.96	38.88 1.78 -13.49	37.17 2.49 -6.24	36.53 3.33 -1.23	35.60 3.15 -2.36	38.21 3.51 0.00	49.31 3.77 0.00	42.80 3.03 0.00	43.58 2.90 0.00	36.87 2.71 0.00	34.02 2.30 0.00	31.72 1.92 0.00
SPIERFLS_115KV_TB 1 80737	30.48 1.62 0.05	24.86 1.35 0.00	27.01 1.41 0.00	25.86 1.37 0.00	25.14 1.38 0.00	30.07 1.62 0.00	39.88 2.24 0.00	41.70 2.44 0.00	32.41 1.85 0.00	24.49 1.18 0.00	-11.45 0.74 27.86	21.37 0.88 -1.60	-1.95 0.81 21.74	15.91 0.83 8.53	25.75 0.76 3.45	32.77 0.81 0.00	31.27 0.76 -0.41	35.81 1.11 0.00	47.27 1.73 0.00	41.50 1.73 0.00	42.45 1.78 0.00	35.73 1.58 0.00	33.16 1.45 0.00	31.05 1.25 0.00
ST LAWRENCE____ 23600	29.26 0.35 0.00	23.79 0.27 0.00	25.91 0.31 0.00	24.78 0.29 0.00	24.05 0.29 0.00	28.82 0.37 0.00	38.03 0.39 0.00	39.52 0.27 0.00	30.74 0.17 0.00	23.46 0.16 0.00	15.76 0.11 0.00	19.00 0.12 0.00	19.07 0.10 0.00	23.76 0.15 0.00	28.62 0.19 0.00	32.12 0.16 0.00	30.22 0.13 0.00	34.78 0.09 0.00	45.73 0.19 0.00	40.01 0.24 0.00	40.99 0.32 0.00	34.34 0.18 0.00	31.80 0.08 0.00	29.95 0.15 0.00

STATE_CA_115KV_115_LB 55624	29.31 0.44 0.04	23.98 0.46 0.00	26.05 0.44 0.00	24.95 0.46 0.00	24.22 0.46 0.00	28.86 0.41 0.00	38.26 0.63 0.00	40.01 0.76 0.00	31.23 0.66 0.00	23.77 0.46 0.00	-11.02 0.14 26.82	20.75 0.14 -1.73	-1.91 0.16 21.04	15.49 0.14 8.26	25.26 0.16 3.34	32.18 0.21 0.00	30.73 0.20 -0.44	34.95 0.25 0.00	45.82 0.28 0.00	39.97 0.20 0.00	40.86 0.18 0.00	34.38 0.23 0.00	31.90 0.19 0.00	29.95 0.15 0.00
STATE_ST_34_KV_LOAD 55959	28.74 -0.17 0.00	23.31 -0.20 0.00	25.43 -0.17 0.00	24.36 -0.13 0.00	23.65 -0.11 0.00	28.37 -0.07 0.00	37.58 -0.05 0.00	39.16 -0.09 0.00	30.50 -0.07 0.00	23.17 -0.13 0.00	15.60 -0.05 0.00	18.79 -0.09 0.00	18.98 0.01 0.00	23.60 -0.01 0.00	28.51 0.07 0.00	31.92 -0.04 0.00	30.13 0.04 0.00	34.88 0.18 0.00	45.81 0.27 0.00	40.22 0.45 0.00	41.10 0.42 0.00	34.45 0.30 0.00	31.99 0.28 0.00	29.98 0.18 0.00
STATION_5_MISC_HYD 23604	28.51 -0.40 0.00	23.17 -0.35 0.00	25.27 -0.33 0.00	24.16 -0.33 0.00	23.46 -0.30 0.00	28.26 -0.19 0.00	37.50 -0.13 0.00	39.08 -0.18 0.00	30.49 -0.08 0.00	23.28 -0.02 0.00	15.76 0.10 0.00	19.09 0.21 0.00	19.28 0.30 0.00	24.02 0.41 0.00	28.95 0.51 0.00	32.39 0.43 0.00	30.41 0.32 0.00	35.00 0.30 0.00	45.92 0.38 0.00	40.03 0.26 0.00	40.96 0.29 0.00	34.28 0.13 0.00	31.82 0.10 0.00	29.86 0.06 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.44 -0.48 0.00	23.09 -0.42 0.00	25.17 -0.43 0.00	24.08 -0.41 0.00	23.39 -0.37 0.00	28.14 -0.30 0.00	37.38 -0.25 0.00	38.90 -0.35 0.00	30.29 -0.28 0.00	23.08 -0.23 0.00	15.59 -0.07 0.00	18.86 -0.02 0.00	19.05 0.07 0.00	23.73 0.12 0.00	28.66 0.21 0.00	32.10 0.14 0.00	30.19 0.09 0.00	34.78 0.08 0.00	45.74 0.20 0.00	39.95 0.18 0.00	40.82 0.15 0.00	34.18 0.03 0.00	31.73 0.01 0.00	29.75 -0.04 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	28.35 -0.56 0.00	23.04 -0.47 0.00	25.13 -0.47 0.00	24.03 -0.47 0.00	23.33 -0.43 0.00	28.09 -0.36 0.00	37.28 -0.35 0.00	38.80 -0.45 0.00	30.26 -0.31 0.00	23.11 -0.19 0.00	15.64 -0.02 0.00	18.94 0.06 0.00	19.14 0.17 0.00	23.84 0.23 0.00	28.76 0.32 0.00	32.19 0.23 0.00	30.23 0.14 0.00	34.79 0.10 0.00	45.67 0.13 0.00	39.80 0.04 0.00	40.71 0.04 0.00	34.09 -0.06 0.00	31.63 -0.08 0.00	29.67 -0.12 0.00
STA_56___34_KV_BUS2 355983	28.35 -0.56 0.00	23.04 -0.47 0.00	25.13 -0.47 0.00	24.03 -0.47 0.00	23.33 -0.43 0.00	28.09 -0.36 0.00	37.28 -0.35 0.00	38.80 -0.45 0.00	30.26 -0.31 0.00	23.11 -0.19 0.00	15.64 -0.02 0.00	18.94 0.06 0.00	19.14 0.17 0.00	23.84 0.23 0.00	28.76 0.32 0.00	32.19 0.23 0.00	30.23 0.14 0.00	34.79 0.10 0.00	45.67 0.13 0.00	39.80 0.04 0.00	40.71 0.04 0.00	34.09 -0.06 0.00	31.63 -0.08 0.00	29.67 -0.12 0.00
STA_67___115KV_BK2 355882	28.45 -0.46 0.00	23.12 -0.39 0.00	25.23 -0.37 0.00	24.11 -0.38 0.00	23.42 -0.34 0.00	28.20 -0.25 0.00	37.42 -0.21 0.00	39.01 -0.25 0.00	30.43 -0.14 0.00	23.24 -0.07 0.00	15.73 0.07 0.00	19.05 0.16 0.00	19.25 0.28 0.00	23.97 0.36 0.00	28.87 0.43 0.00	32.29 0.33 0.00	30.32 0.23 0.00	34.87 0.18 0.00	45.77 0.24 0.00	39.90 0.13 0.00	40.83 0.16 0.00	34.19 0.04 0.00	31.74 0.02 0.00	29.78 -0.01 0.00
STA_7___115KV_9TRANS 80674	28.64 -0.28 0.00	23.26 -0.25 0.00	25.37 -0.23 0.00	24.25 -0.24 0.00	23.56 -0.20 0.00	28.36 -0.08 0.00	37.66 0.03 0.00	39.24 -0.01 0.00	30.61 0.05 0.00	23.38 0.08 0.00	15.83 0.17 0.00	19.17 0.29 0.00	19.39 0.42 0.00	24.17 0.55 0.00	29.13 0.69 0.00	32.60 0.64 0.00	30.61 0.52 0.00	35.23 0.53 0.00	46.25 0.71 0.00	40.31 0.55 0.00	41.24 0.57 0.00	34.50 0.35 0.00	32.01 0.29 0.00	30.01 0.22 0.00
STA_82___115KV_TB1 80780	28.46 -0.45 0.00	23.13 -0.39 0.00	25.23 -0.37 0.00	24.12 -0.37 0.00	23.42 -0.33 0.00	28.21 -0.24 0.00	37.43 -0.20 0.00	38.98 -0.27 0.00	30.41 -0.16 0.00	23.22 -0.08 0.00	15.71 0.05 0.00	19.03 0.15 0.00	19.23 0.26 0.00	23.95 0.34 0.00	28.88 0.44 0.00	32.31 0.35 0.00	30.33 0.25 0.00	34.90 0.20 0.00	45.82 0.28 0.00	39.94 0.17 0.00	40.87 0.19 0.00	34.21 0.06 0.00	31.76 0.04 0.00	29.81 0.01 0.00
STEEL___WIND 323596	28.17 -0.73 0.00	22.91 -0.60 0.00	25.03 -0.57 0.00	23.94 -0.56 0.00	23.20 -0.56 0.00	27.97 -0.48 0.00	37.06 -0.57 0.00	38.28 -0.98 0.00	29.97 -0.60 0.00	23.03 -0.27 0.00	15.69 0.04 0.00	19.03 0.15 0.00	19.24 0.27 0.00	23.84 0.23 0.00	28.88 0.45 0.00	32.20 0.23 0.00	30.12 0.03 0.00	34.38 -0.32 0.00	44.81 -0.73 0.00	39.12 -0.64 0.00	40.10 -0.57 0.00	33.63 -0.52 0.00	31.33 -0.39 0.00	29.49 -0.30 0.00
STEPHTWN_115KV_BK_2 55603	29.33 0.46 0.04	23.97 0.45 0.00	26.04 0.44 0.00	24.96 0.47 0.00	24.22 0.46 0.00	28.84 0.39 0.00	38.38 0.75 0.00	40.08 0.82 0.00	31.26 0.69 0.00	23.80 0.50 0.00	-10.46 0.17 26.29	20.82 0.18 -1.76	-1.50 0.19 20.66	15.70 0.21 8.11	25.36 0.20 3.28	32.28 0.32 0.00	30.88 0.34 -0.45	35.17 0.47 0.00	46.22 0.69 0.00	40.21 0.44 0.00	41.07 0.40 0.00	34.51 0.36 0.00	32.00 0.28 0.00	30.10 0.30 0.00
STEUBEN_REC_LFGE 323667	28.33 -0.58 0.00	22.88 -0.64 0.00	24.83 -0.76 0.00	23.77 -0.73 0.00	23.20 -0.56 0.00	28.00 -0.45 0.00	37.56 -0.08 0.00	38.97 -0.29 0.00	30.21 -0.36 0.00	22.97 -0.34 0.00	15.56 -0.09 0.00	18.88 0.00 0.00	19.18 0.21 0.00	23.69 0.08 0.00	28.81 0.37 0.00	32.17 0.21 0.00	30.35 0.26 0.00	34.70 0.00 0.00	45.86 0.33 0.00	40.31 0.54 0.00	41.18 0.50 0.00	34.29 0.14 0.00	31.92 0.21 0.00	30.00 0.20 0.00
STILLWATER___SOLAR 323814	29.96 1.10 0.05	24.47 0.96 0.00	26.60 1.00 0.00	25.47 0.97 0.00	24.74 0.98 0.00	29.55 1.11 0.00	39.19 1.56 0.00	40.96 1.71 0.00	31.83 1.26 0.00	24.12 0.81 0.00	-14.84 0.51 31.01	21.12 0.58 -1.66	-4.58 0.57 24.12	14.79 0.65 9.47	25.29 0.68 3.83	32.80 0.83 0.00	31.32 0.81 -0.43	35.83 1.13 0.00	47.20 1.66 0.00	41.32 1.55 0.00	42.24 1.56 0.00	35.53 1.38 0.00	32.97 1.25 0.00	30.92 1.12 0.00
STONY___BROOK 24151	30.19 1.20 -0.08	24.30 0.79 0.00	26.30 0.71 0.00	25.19 0.69 0.00	24.49 0.72 0.00	29.31 0.87 0.00	38.91 1.28 0.00	41.26 2.00 0.00	32.24 1.68 0.00	24.74 1.43 0.00	60.28 0.94 -43.69	29.75 1.13 -9.74	46.99 1.06 -26.96	38.53 1.32 -13.60	36.57 1.84 -6.29	35.57 2.36 -1.24	34.63 2.18 -2.36	37.04 2.34 0.00	47.76 2.22 0.00	41.44 1.67 0.00	42.34 1.67 0.00	35.83 1.67 0.00	33.18 1.46 0.00	31.02 1.23 0.00
STURGEON_POOL_HYD 23609	29.49 0.55 -0.03	23.90 0.39 0.00	25.97 0.38 0.00	24.85 0.35 0.00	24.10 0.34 0.00	28.81 0.37 0.00	38.36 0.73 0.00	40.33 1.08 0.00	31.51 0.95 0.00	24.10 0.79 0.00	33.34 0.52 -17.16	18.20 0.60 1.28	33.13 0.59 -13.57	29.65 0.71 -5.33	31.47 0.87 -2.15	33.09 1.12 0.00	30.88 1.12 0.33	35.99 1.30 0.00	46.97 1.44 0.00	40.88 1.12 0.00	41.74 1.07 0.00	35.11 0.96 0.00	32.65 0.94 0.00	30.60 0.81 0.00

ST_LAW_115_BK7_LBMP 345037	29.31 0.40 0.00	23.82 0.31 0.00	25.95 0.35 0.00	24.82 0.33 0.00	24.09 0.33 0.00	28.87 0.43 0.00	38.08 0.45 0.00	39.56 0.30 0.00	30.75 0.19 0.00	23.48 0.17 0.00	15.77 0.12 0.00	19.01 0.13 0.00	19.08 0.10 0.00	23.78 0.17 0.00	28.64 0.20 0.00	32.14 0.17 0.00	30.22 0.13 0.00	34.78 0.09 0.00	45.75 0.21 0.00	40.03 0.27 0.00	41.03 0.36 0.00	34.37 0.21 0.00	31.83 0.11 0.00	29.99 0.19 0.00
ST_LAW_115_BK8_LBMP 345038	29.31 0.40 0.00	23.82 0.31 0.00	25.95 0.35 0.00	24.82 0.33 0.00	24.09 0.33 0.00	28.87 0.43 0.00	38.08 0.45 0.00	39.56 0.30 0.00	30.75 0.19 0.00	23.48 0.17 0.00	15.77 0.12 0.00	19.01 0.13 0.00	19.08 0.10 0.00	23.78 0.17 0.00	28.64 0.20 0.00	32.14 0.17 0.00	30.22 0.13 0.00	34.78 0.09 0.00	45.75 0.21 0.00	40.03 0.27 0.00	41.03 0.36 0.00	34.37 0.21 0.00	31.83 0.11 0.00	29.99 0.19 0.00
ST_LAW_230_BK5_LBMP 345035	29.26 0.35 0.00	23.79 0.27 0.00	25.91 0.31 0.00	24.78 0.29 0.00	24.05 0.29 0.00	28.82 0.37 0.00	38.03 0.39 0.00	39.52 0.27 0.00	30.74 0.17 0.00	23.46 0.16 0.00	15.76 0.11 0.00	19.00 0.12 0.00	19.07 0.10 0.00	23.76 0.15 0.00	28.62 0.19 0.00	32.12 0.16 0.00	30.22 0.13 0.00	34.78 0.09 0.00	45.73 0.19 0.00	40.01 0.24 0.00	40.99 0.32 0.00	34.34 0.18 0.00	31.80 0.08 0.00	29.95 0.15 0.00
ST_LAW_230_BK6_LBMP 345036	29.26 0.35 0.00	23.79 0.27 0.00	25.91 0.31 0.00	24.78 0.29 0.00	24.05 0.29 0.00	28.82 0.37 0.00	38.03 0.39 0.00	39.52 0.27 0.00	30.74 0.17 0.00	23.46 0.16 0.00	15.76 0.11 0.00	19.00 0.12 0.00	19.07 0.10 0.00	23.76 0.15 0.00	28.62 0.19 0.00	32.12 0.16 0.00	30.22 0.13 0.00	34.78 0.09 0.00	45.73 0.19 0.00	40.01 0.24 0.00	40.99 0.32 0.00	34.34 0.18 0.00	31.80 0.08 0.00	29.95 0.15 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.46 0.50 -0.05	23.87 0.36 0.00	25.93 0.33 0.00	24.81 0.32 0.00	24.07 0.30 0.00	28.78 0.33 0.00	38.29 0.66 0.00	40.23 0.97 0.00	31.44 0.87 0.00	24.07 0.76 0.00	34.98 0.49 -18.83	8.59 0.58 10.88	40.04 0.57 -20.49	32.39 0.73 -8.05	32.59 0.91 -3.25	33.12 1.15 0.00	28.48 1.12 2.73	35.94 1.25 0.00	46.86 1.33 0.00	40.79 1.03 0.00	41.65 0.97 0.00	35.02 0.87 0.00	32.60 0.88 0.00	30.51 0.72 0.00
SWANROAD_115KV_TB1 355699	27.82 -1.09 0.00	22.65 -0.87 0.00	24.77 -0.82 0.00	23.67 -0.82 0.00	22.95 -0.81 0.00	27.68 -0.77 0.00	36.48 -1.15 0.00	37.58 -1.68 0.00	29.46 -1.11 0.00	22.66 -0.64 0.00	15.43 -0.23 0.00	18.67 -0.21 0.00	18.92 -0.06 0.00	23.41 -0.20 0.00	28.34 -0.10 0.00	31.41 -0.56 0.00	29.26 -0.83 0.00	33.38 -1.32 0.00	43.44 -2.09 0.00	37.85 -1.91 0.00	38.89 -1.79 0.00	32.78 -1.37 0.00	30.58 -1.14 0.00	28.91 -0.89 0.00
SYNERGY___BIOGAS 323694	28.85 -0.06 0.00	23.44 -0.07 0.00	25.60 0.00 0.00	24.47 -0.02 0.00	23.76 0.01 0.00	28.67 0.23 0.00	38.03 0.39 0.00	39.42 0.16 0.00	30.72 0.15 0.00	23.40 0.10 0.00	15.86 0.20 0.00	19.17 0.30 0.00	19.49 0.52 0.00	24.29 0.68 0.00	29.38 0.94 0.00	32.60 0.64 0.00	30.54 0.45 0.00	35.18 0.48 0.00	46.14 0.61 0.00	40.23 0.46 0.00	41.29 0.61 0.00	34.61 0.45 0.00	32.16 0.44 0.00	30.24 0.44 0.00
SYRACUSE___ENERGY_ST1 323597	28.53 -0.38 0.00	23.18 -0.34 0.00	25.23 -0.37 0.00	24.14 -0.35 0.00	23.44 -0.32 0.00	28.12 -0.33 0.00	37.31 -0.32 0.00	38.91 -0.35 0.00	30.26 -0.30 0.00	23.03 -0.27 0.00	15.51 -0.15 0.00	18.73 -0.15 0.00	18.87 -0.11 0.00	23.48 -0.13 0.00	28.30 -0.14 0.00	31.75 -0.22 0.00	29.94 -0.15 0.00	34.59 -0.11 0.00	45.48 -0.06 0.00	39.74 -0.03 0.00	40.60 -0.07 0.00	34.05 -0.10 0.00	31.63 -0.08 0.00	29.65 -0.14 0.00
SYRACUSE___ENERGY_ST2 323598	28.53 -0.38 0.00	23.18 -0.34 0.00	25.23 -0.37 0.00	24.14 -0.35 0.00	23.44 -0.32 0.00	28.12 -0.33 0.00	37.31 -0.32 0.00	38.91 -0.35 0.00	30.26 -0.30 0.00	23.03 -0.27 0.00	15.51 -0.15 0.00	18.73 -0.15 0.00	18.87 -0.11 0.00	23.48 -0.13 0.00	28.30 -0.14 0.00	31.75 -0.22 0.00	29.94 -0.15 0.00	34.59 -0.11 0.00	45.48 -0.06 0.00	39.74 -0.03 0.00	40.60 -0.07 0.00	34.05 -0.10 0.00	31.63 -0.08 0.00	29.65 -0.14 0.00
SYRACUSE___POWER 24017	28.53 -0.38 0.00	23.18 -0.33 0.00	25.23 -0.37 0.00	24.14 -0.35 0.00	23.43 -0.33 0.00	28.11 -0.33 0.00	37.32 -0.31 0.00	38.93 -0.33 0.00	30.25 -0.32 0.00	23.03 -0.28 0.00	15.51 -0.15 0.00	18.75 -0.14 0.00	18.86 -0.11 0.00	23.49 -0.12 0.00	28.32 -0.12 0.00	31.77 -0.19 0.00	29.95 -0.14 0.00	34.59 -0.11 0.00	45.48 -0.05 0.00	39.72 -0.04 0.00	40.59 -0.08 0.00	34.04 -0.11 0.00	31.63 -0.08 0.00	29.65 -0.14 0.00
TALLMAN__138KV_BK151 55660	29.59 0.63 -0.05	23.94 0.43 0.00	26.00 0.40 0.00	24.87 0.38 0.00	24.13 0.37 0.00	28.85 0.41 0.00	38.45 0.82 0.00	40.44 1.18 0.00	31.62 1.05 0.00	24.25 0.95 0.00	36.25 0.62 -19.97	6.29 0.75 13.34	42.51 0.74 -22.80	33.50 0.94 -8.95	33.20 1.15 -3.61	33.41 1.44 0.00	28.13 1.39 3.35	36.24 1.54 0.00	47.16 1.62 0.00	41.00 1.24 0.00	41.84 1.17 0.00	35.20 1.05 0.00	32.79 1.07 0.00	30.67 0.88 0.00
TEALLAVE_115KV_TB7 355573	28.39 -0.52 0.00	23.07 -0.44 0.00	25.11 -0.49 0.00	24.03 -0.47 0.00	23.32 -0.44 0.00	27.97 -0.47 0.00	37.13 -0.50 0.00	38.72 -0.53 0.00	30.12 -0.44 0.00	22.94 -0.37 0.00	15.45 -0.21 0.00	18.68 -0.20 0.00	18.79 -0.18 0.00	23.40 -0.21 0.00	28.20 -0.24 0.00	31.62 -0.34 0.00	29.80 -0.29 0.00	34.41 -0.29 0.00	45.21 -0.32 0.00	39.46 -0.30 0.00	40.33 -0.34 0.00	33.82 -0.33 0.00	31.45 -0.27 0.00	29.49 -0.31 0.00
TELGRAPH_34_KV_EAST 80808	28.34 -0.58 0.00	23.04 -0.47 0.00	25.18 -0.42 0.00	24.07 -0.43 0.00	23.36 -0.40 0.00	28.16 -0.28 0.00	37.24 -0.39 0.00	38.49 -0.77 0.00	30.09 -0.47 0.00	23.06 -0.25 0.00	15.67 0.02 0.00	18.96 0.08 0.00	19.23 0.25 0.00	23.86 0.25 0.00	28.89 0.45 0.00	32.10 0.14 0.00	29.99 -0.10 0.00	34.33 -0.37 0.00	44.85 -0.69 0.00	39.08 -0.68 0.00	40.12 -0.55 0.00	33.71 -0.45 0.00	31.39 -0.33 0.00	29.59 -0.21 0.00
TEMPLE___115KV_TB 2 55572	28.40 -0.51 0.00	23.08 -0.43 0.00	25.12 -0.48 0.00	24.03 -0.46 0.00	23.32 -0.44 0.00	27.98 -0.47 0.00	37.14 -0.49 0.00	38.73 -0.53 0.00	30.13 -0.43 0.00	22.95 -0.36 0.00	15.46 -0.20 0.00	18.69 -0.19 0.00	18.81 -0.17 0.00	23.42 -0.19 0.00	28.22 -0.22 0.00	31.65 -0.32 0.00	29.82 -0.27 0.00	34.43 -0.27 0.00	45.24 -0.30 0.00	39.48 -0.29 0.00	40.34 -0.33 0.00	33.84 -0.31 0.00	31.46 -0.26 0.00	29.50 -0.30 0.00
TIANA____69_KV_BK 1 55817	30.13 1.14 -0.08	24.27 0.75 0.00	26.26 0.66 0.00	25.15 0.65 0.00	24.47 0.71 0.00	29.30 0.85 0.00	38.90 1.27 0.00	41.24 1.99 0.00	32.25 1.68 0.00	24.74 1.43 0.00	60.27 0.92 -43.69	29.72 1.11 -9.73	46.85 0.92 -26.96	38.29 1.19 -13.49	36.41 1.73 -6.24	35.58 2.38 -1.23	34.73 2.27 -2.36	37.18 2.48 0.00	48.02 2.49 0.00	41.65 1.89 0.00	42.45 1.78 0.00	35.90 1.75 0.00	33.19 1.48 0.00	31.00 1.20 0.00

TILDEN___115KV_TB1 80814	28.53 -0.38 0.00	23.18 -0.33 0.00	25.23 -0.37 0.00	24.14 -0.35 0.00	23.43 -0.33 0.00	28.11 -0.33 0.00	37.32 -0.31 0.00	38.93 -0.33 0.00	30.25 -0.32 0.00	23.03 -0.28 0.00	15.51 -0.15 0.00	18.75 -0.14 0.00	18.86 -0.11 0.00	23.49 -0.12 0.00	28.32 -0.12 0.00	31.77 -0.19 0.00	29.95 -0.14 0.00	34.59 -0.11 0.00	45.48 -0.05 0.00	39.72 -0.04 0.00	40.59 -0.08 0.00	34.04 -0.11 0.00	31.63 -0.08 0.00	29.65 -0.14 0.00
TRIGEN___CC 323695	30.34 1.17 -0.26	24.30 0.78 0.00	26.35 0.75 0.00	25.22 0.73 0.00	24.49 0.73 0.00	29.31 0.86 0.00	38.92 1.29 0.00	41.11 1.85 0.00	32.12 1.56 0.00	24.65 1.35 0.00	60.25 0.90 -43.69	31.73 1.13 -11.72	47.64 1.09 -27.58	59.22 1.35 -34.26	46.53 1.74 -16.35	36.22 2.08 -2.18	34.37 1.91 -2.37	36.76 2.07 0.00	47.69 2.15 0.00	41.42 1.65 0.00	42.26 1.59 0.00	35.71 1.56 0.00	33.19 1.47 0.00	31.09 1.30 0.00
TRINITY___115KV___4 BK 55933	29.19 0.32 0.04	23.88 0.37 0.00	25.95 0.34 0.00	24.86 0.36 0.00	24.13 0.37 0.00	28.74 0.29 0.00	38.08 0.45 0.00	39.83 0.57 0.00	31.09 0.53 0.00	23.67 0.36 0.00	-10.94 0.07 26.67	20.70 0.06 -1.76	-1.90 0.08 20.95	15.42 0.03 8.22	25.13 0.01 3.32	32.01 0.05 0.00	30.56 0.02 -0.45	34.72 0.02 0.00	45.53 -0.01 0.00	39.72 -0.04 0.00	40.62 -0.05 0.00	34.21 0.06 0.00	31.75 0.03 0.00	29.82 0.02 0.00
UNION___PROCESSING_DRP 323587	28.47 -0.45 0.00	23.13 -0.38 0.00	25.23 -0.36 0.00	24.13 -0.37 0.00	23.44 -0.32 0.00	28.21 -0.23 0.00	37.44 -0.20 0.00	38.99 -0.27 0.00	30.41 -0.16 0.00	23.22 -0.08 0.00	15.71 0.06 0.00	19.03 0.15 0.00	19.24 0.27 0.00	23.96 0.35 0.00	28.89 0.45 0.00	32.31 0.35 0.00	30.34 0.25 0.00	34.91 0.21 0.00	45.83 0.29 0.00	39.95 0.18 0.00	40.89 0.21 0.00	34.23 0.08 0.00	31.77 0.05 0.00	29.82 0.02 0.00
UPPER HUDSON___HYD 24058	30.48 1.61 0.05	24.86 1.35 0.00	27.01 1.41 0.00	25.86 1.37 0.00	25.14 1.38 0.00	30.07 1.62 0.00	39.88 2.24 0.00	41.70 2.44 0.00	32.41 1.85 0.00	24.49 1.18 0.00	-11.46 0.74 27.86	21.37 0.88 -1.60	-1.95 0.81 21.74	15.91 0.83 8.53	25.75 0.76 3.45	32.77 0.81 0.00	31.27 0.76 -0.41	35.81 1.11 0.00	47.27 1.73 0.00	41.50 1.73 0.00	42.45 1.78 0.00	35.73 1.58 0.00	33.16 1.45 0.00	31.05 1.25 0.00
UPPER RAQUET___HYD 24056	30.06 1.15 0.00	24.41 0.90 0.00	26.57 0.97 0.00	25.42 0.93 0.00	24.76 1.00 0.00	29.72 1.27 0.00	39.29 1.66 0.00	40.65 1.39 0.00	31.48 0.91 0.00	23.95 0.64 0.00	16.07 0.41 0.00	19.35 0.47 0.00	19.42 0.44 0.00	24.22 0.61 0.00	29.17 0.73 0.00	32.54 0.57 0.00	30.41 0.32 0.00	34.95 0.25 0.00	46.26 0.72 0.00	40.82 1.05 0.00	42.03 1.35 0.00	35.31 1.16 0.00	32.72 1.01 0.00	30.82 1.02 0.00
VALLEY44_115KV_TB2 355964	27.93 -0.99 0.00	22.69 -0.82 0.00	24.78 -0.82 0.00	23.71 -0.78 0.00	23.07 -0.69 0.00	27.72 -0.72 0.00	37.03 -0.60 0.00	38.50 -0.76 0.00	29.99 -0.58 0.00	23.01 -0.29 0.00	15.64 -0.02 0.00	19.01 0.13 0.00	19.25 0.27 0.00	23.80 0.19 0.00	28.82 0.37 0.00	32.20 0.24 0.00	30.18 0.09 0.00	34.43 -0.27 0.00	44.87 -0.67 0.00	39.31 -0.46 0.00	40.25 -0.43 0.00	33.73 -0.43 0.00	31.44 -0.28 0.00	29.43 -0.37 0.00
VALLEY___115KV_TB 1-4 80826	29.28 0.37 0.00	23.87 0.35 0.00	25.94 0.34 0.00	24.85 0.35 0.00	24.14 0.38 0.00	28.86 0.41 0.00	38.32 0.68 0.00	40.00 0.74 0.00	30.92 0.36 0.00	23.31 0.01 0.00	15.63 -0.03 0.00	18.79 -0.09 0.00	18.90 -0.07 0.00	23.44 -0.17 0.00	28.25 -0.19 0.00	31.79 -0.17 0.00	30.10 0.01 0.00	34.94 0.24 0.00	46.19 0.65 0.00	40.58 0.81 0.00	41.46 0.79 0.00	34.85 0.70 0.00	32.31 0.59 0.00	30.26 0.46 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.56 0.65 0.00	24.01 0.50 0.00	26.19 0.59 0.00	25.02 0.52 0.00	24.27 0.50 0.00	29.09 0.64 0.00	38.64 1.01 0.00	40.38 1.12 0.00	31.45 0.89 0.00	23.99 0.68 0.00	15.39 0.45 0.73	18.54 0.58 0.91	19.54 0.57 0.00	24.33 0.72 0.00	29.29 0.86 0.00	32.99 1.03 0.00	30.89 1.02 0.23	35.94 1.24 0.00	47.14 1.60 0.00	41.12 1.35 0.00	41.97 1.30 0.00	35.20 1.05 0.00	32.71 0.99 0.00	30.63 0.83 0.00
VISCHER___FERRY HYD 24020	29.42 0.58 0.06	24.09 0.57 0.00	26.17 0.57 0.00	25.09 0.59 0.00	24.35 0.59 0.00	29.03 0.58 0.00	38.48 0.84 0.00	40.23 0.97 0.00	31.37 0.80 0.00	23.84 0.54 0.00	-22.67 0.31 38.64	21.04 0.36 -1.80	-10.57 0.36 29.90	12.28 0.41 11.74	24.12 0.43 4.74	32.53 0.57 0.00	31.03 0.47 -0.47	35.31 0.61 0.00	46.40 0.87 0.00	40.56 0.80 0.00	41.49 0.81 0.00	34.96 0.81 0.00	32.46 0.74 0.00	30.48 0.69 0.00
V_A_10_SYNC_DSASP 323832	28.06 -0.85 0.00	22.84 -0.67 0.00	24.96 -0.64 0.00	23.86 -0.63 0.00	23.17 -0.59 0.00	27.85 -0.59 0.00	36.84 -0.79 0.00	38.07 -1.19 0.00	29.77 -0.79 0.00	22.87 -0.43 0.00	15.54 -0.12 0.00	18.83 -0.05 0.00	19.05 0.08 0.00	23.60 0.00 0.00	28.54 0.10 0.00	31.80 -0.16 0.00	29.73 -0.36 0.00	34.00 -0.69 0.00	44.35 -1.19 0.00	38.66 -1.11 0.00	39.65 -1.02 0.00	33.30 -0.85 0.00	31.04 -0.67 0.00	29.27 -0.52 0.00
V_CMM_10_SYNC_DSASP 323787	29.45 0.54 0.00	23.94 0.43 0.00	26.07 0.48 0.00	24.95 0.45 0.00	24.21 0.44 0.00	29.02 0.57 0.00	38.29 0.66 0.00	39.76 0.50 0.00	30.91 0.34 0.00	23.59 0.29 0.00	15.85 0.20 0.00	19.11 0.23 0.00	19.18 0.21 0.00	23.90 0.29 0.00	28.79 0.36 0.00	32.31 0.34 0.00	30.38 0.29 0.00	34.96 0.26 0.00	46.00 0.46 0.00	40.25 0.49 0.00	41.26 0.59 0.00	34.55 0.40 0.00	31.98 0.27 0.00	30.14 0.34 0.00
V_CMP_10_SYNC_DSASP 323788	29.83 0.91 0.00	24.27 0.76 0.00	26.37 0.77 0.00	25.28 0.78 0.00	24.58 0.82 0.00	29.47 1.02 0.00	39.29 1.66 0.00	41.58 2.32 0.00	32.39 1.82 0.00	24.52 1.22 0.00	16.42 0.76 0.00	19.84 0.96 0.00	19.95 0.97 0.00	24.87 1.26 0.00	30.00 1.56 0.00	33.52 1.56 0.00	31.74 1.65 0.00	36.53 1.83 0.00	48.11 2.57 0.00	42.25 2.48 0.00	42.88 2.21 0.00	35.36 1.21 0.00	32.21 0.49 0.00	30.80 1.00 0.00
V_D_10_SYNC_DSASP 323841	29.74 0.83 0.00	24.17 0.65 0.00	26.33 0.73 0.00	25.19 0.70 0.00	24.45 0.69 0.00	29.32 0.87 0.00	38.70 1.07 0.00	40.07 0.82 0.00	31.13 0.57 0.00	23.75 0.45 0.00	15.95 0.29 0.00	19.23 0.35 0.00	19.30 0.33 0.00	24.07 0.46 0.00	28.98 0.54 0.00	32.49 0.52 0.00	30.53 0.44 0.00	35.12 0.42 0.00	46.25 0.71 0.00	40.55 0.78 0.00	41.59 0.92 0.00	34.84 0.68 0.00	32.25 0.53 0.00	30.38 0.59 0.00
V_E_10_SYNC_DSASP 323830	30.11 1.19 0.00	24.46 0.95 0.00	26.65 1.05 0.00	25.54 1.04 0.00	24.83 1.07 0.00	29.94 1.50 0.00	40.06 2.43 0.00	41.82 2.56 0.00	32.18 1.61 0.00	24.26 0.95 0.00	16.25 0.60 0.00	19.66 0.78 0.00	19.85 0.87 0.00	24.75 1.14 0.00	29.88 1.44 0.00	33.60 1.64 0.00	31.78 1.69 0.00	36.88 2.18 0.00	49.01 3.47 0.00	43.06 3.30 0.00	44.03 3.36 0.00	36.70 2.55 0.00	33.93 2.22 0.00	31.48 1.69 0.00



V_F_30_NSYNC___DSASP 323816	29.99 1.13 0.05	24.48 0.97 0.00	26.63 1.03 0.00	25.49 1.00 0.00	24.75 0.99 0.00	29.58 1.14 0.00	39.23 1.60 0.00	41.01 1.75 0.00	31.87 1.30 0.00	24.15 0.85 0.00	-13.40 0.54 29.60	21.15 0.63 -1.63	-3.47 0.61 23.05	15.27 0.71 9.05	25.53 0.75 3.66	32.88 0.91 0.00	31.39 0.88 -0.42	35.91 1.21 0.00	47.29 1.75 0.00	41.38 1.61 0.00	42.29 1.62 0.00	35.56 1.41 0.00	33.00 1.28 0.00	30.95 1.16 0.00
V_F_30_SYNC_DSASP 323786	29.31 0.44 0.04	23.97 0.46 0.00	26.04 0.44 0.00	24.95 0.46 0.00	24.22 0.46 0.00	28.86 0.41 0.00	38.26 0.62 0.00	40.01 0.76 0.00	31.22 0.65 0.00	23.76 0.46 0.00	-11.01 0.14 26.80	20.75 0.14 -1.73	-1.90 0.15 21.03	15.49 0.14 8.25	25.26 0.15 3.33	32.17 0.21 0.00	30.73 0.19 -0.45	34.94 0.24 0.00	45.82 0.28 0.00	39.97 0.20 0.00	40.85 0.18 0.00	34.38 0.23 0.00	31.90 0.18 0.00	29.95 0.15 0.00
V_XM_10_SYNC_DSASP 323789	29.83 0.91 0.00	24.27 0.76 0.00	26.37 0.77 0.00	25.28 0.78 0.00	24.58 0.82 0.00	29.47 1.02 0.00	39.29 1.66 0.00	41.58 2.32 0.00	32.39 1.82 0.00	24.52 1.22 0.00	16.42 0.76 0.00	19.84 0.96 0.00	19.95 0.97 0.00	24.87 1.26 0.00	30.00 1.56 0.00	33.52 1.56 0.00	31.74 1.65 0.00	36.53 1.83 0.00	48.11 2.57 0.00	42.25 2.48 0.00	42.88 2.21 0.00	35.36 1.21 0.00	32.21 0.49 0.00	30.80 1.00 0.00
W.BABYLN_69_KV_BK1 56697	30.52 1.50 -0.11	24.52 1.01 0.00	26.58 0.99 0.00	25.44 0.95 0.00	24.72 0.96 0.00	29.60 1.15 0.00	39.29 1.66 0.00	41.61 2.35 0.00	32.50 1.93 0.00	24.92 1.61 0.00	60.40 1.05 -43.69	30.26 1.31 -10.07	47.26 1.22 -27.06	42.07 1.55 -16.91	38.41 2.08 -7.89	35.91 2.59 -1.36	34.87 2.42 -2.36	37.35 2.66 0.00	48.32 2.78 0.00	41.94 2.17 0.00	42.78 2.10 0.00	36.19 2.04 0.00	33.54 1.82 0.00	31.38 1.59 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.74 0.78 -0.05	24.07 0.55 0.00	26.13 0.53 0.00	25.00 0.50 0.00	24.26 0.50 0.00	29.01 0.56 0.00	38.66 1.02 0.00	40.66 1.40 0.00	31.80 1.24 0.00	24.39 1.08 0.00	36.79 0.72 -20.42	5.60 0.86 14.14	43.44 0.86 -23.61	33.97 1.08 -9.27	33.52 1.34 -3.74	33.63 1.66 0.00	28.14 1.60 3.55	36.49 1.79 0.00	47.49 1.96 0.00	41.27 1.51 0.00	42.12 1.44 0.00	35.42 1.27 0.00	32.98 1.26 0.00	30.84 1.05 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.86 0.89 -0.06	24.15 0.63 0.00	26.22 0.63 0.00	25.10 0.61 0.00	24.36 0.61 0.00	29.13 0.68 0.00	38.83 1.20 0.00	40.89 1.63 0.00	32.05 1.49 0.00	24.65 1.34 0.00	60.22 0.89 -43.67	29.50 1.06 -9.56	46.95 1.04 -26.93	35.49 1.31 -10.57	34.32 1.61 -4.27	33.92 1.96 0.00	34.32 1.86 -2.38	36.73 2.03 0.00	47.63 2.09 0.00	41.33 1.56 0.00	42.18 1.51 0.00	35.53 1.38 0.00	33.08 1.37 0.00	30.93 1.14 0.00
W50THST__13_KV_LOAD 356117	30.02 1.05 -0.06	24.27 0.76 0.00	26.40 0.80 0.00	25.26 0.76 0.00	24.52 0.76 0.00	29.33 0.88 0.00	39.10 1.47 0.00	41.18 1.93 0.00	32.32 1.75 0.00	24.84 1.54 0.00	60.36 1.04 -43.67	29.68 1.23 -9.56	47.13 1.23 -26.93	35.72 1.54 -10.57	34.61 1.90 -4.27	34.24 2.27 0.00	34.60 2.14 -2.38	37.04 2.35 0.00	47.98 2.45 0.00	41.59 1.82 0.00	42.42 1.75 0.00	35.73 1.58 0.00	33.28 1.56 0.00	31.10 1.30 0.00
WADING RIVER_IC_1 23522	29.74 0.75 -0.08	23.97 0.45 0.00	25.92 0.33 0.00	24.83 0.34 0.00	24.15 0.39 0.00	28.91 0.46 0.00	38.37 0.74 0.00	40.70 1.44 0.00	31.81 1.25 0.00	24.38 1.08 0.00	60.04 0.69 -43.69	29.42 0.80 -9.73	46.57 0.64 -26.96	37.88 0.79 -13.48	35.90 1.23 -6.23	35.03 1.84 -1.23	34.18 1.73 -2.36	36.56 1.86 0.00	47.23 1.70 0.00	40.98 1.21 0.00	41.79 1.12 0.00	35.38 1.23 0.00	32.74 1.02 0.00	30.59 0.79 0.00
WADING RIVER_IC_2 23547	29.74 0.75 -0.08	23.97 0.45 0.00	25.92 0.33 0.00	24.83 0.34 0.00	24.15 0.39 0.00	28.91 0.46 0.00	38.37 0.74 0.00	40.70 1.44 0.00	31.81 1.25 0.00	24.38 1.08 0.00	60.04 0.69 -43.69	29.42 0.80 -9.73	46.57 0.64 -26.96	37.88 0.79 -13.48	35.90 1.23 -6.23	35.03 1.84 -1.23	34.18 1.73 -2.36	36.56 1.86 0.00	47.23 1.70 0.00	40.98 1.21 0.00	41.79 1.12 0.00	35.38 1.23 0.00	32.74 1.02 0.00	30.59 0.79 0.00
WADING RIVER_IC_3 23601	29.74 0.75 -0.08	23.97 0.45 0.00	25.92 0.33 0.00	24.83 0.34 0.00	24.15 0.39 0.00	28.91 0.46 0.00	38.37 0.74 0.00	40.70 1.44 0.00	31.81 1.25 0.00	24.38 1.08 0.00	60.04 0.69 -43.69	29.42 0.80 -9.73	46.57 0.64 -26.96	37.88 0.79 -13.48	35.90 1.23 -6.23	35.03 1.84 -1.23	34.18 1.73 -2.36	36.56 1.86 0.00	47.23 1.70 0.00	40.98 1.21 0.00	41.79 1.12 0.00	35.38 1.23 0.00	32.74 1.02 0.00	30.59 0.79 0.00
WALDENNY_12_KV_BK2 80841	28.23 -0.68 0.00	22.95 -0.56 0.00	25.08 -0.52 0.00	23.98 -0.52 0.00	23.26 -0.50 0.00	28.04 -0.41 0.00	37.10 -0.53 0.00	38.34 -0.92 0.00	30.03 -0.54 0.00	23.10 -0.21 0.00	15.74 0.08 0.00	19.09 0.21 0.00	19.33 0.36 0.00	23.95 0.34 0.00	28.99 0.55 0.00	32.28 0.32 0.00	30.18 0.09 0.00	34.45 -0.24 0.00	44.89 -0.65 0.00	39.17 -0.60 0.00	40.15 -0.53 0.00	33.69 -0.46 0.00	31.38 -0.34 0.00	29.55 -0.24 0.00
WALDEN___HYDRO 24148	29.62 0.67 -0.04	24.00 0.49 0.00	26.07 0.47 0.00	24.94 0.44 0.00	24.20 0.44 0.00	28.94 0.49 0.00	38.53 0.89 0.00	40.49 1.23 0.00	31.62 1.05 0.00	24.18 0.88 0.00	39.27 0.56 -23.05	15.72 0.66 3.82	39.08 0.64 -19.46	32.06 0.81 -7.64	32.53 1.01 -3.09	33.27 1.31 0.00	30.42 1.30 0.97	36.17 1.47 0.00	47.22 1.68 0.00	41.11 1.34 0.00	41.96 1.29 0.00	35.28 1.13 0.00	32.82 1.10 0.00	30.71 0.91 0.00
WARRENSBURG____ 23737	30.48 1.62 0.05	24.86 1.35 0.00	27.01 1.41 0.00	25.86 1.37 0.00	25.14 1.38 0.00	30.07 1.62 0.00	39.88 2.24 0.00	41.70 2.44 0.00	32.41 1.85 0.00	24.49 1.18 0.00	-11.45 0.74 27.86	21.37 0.88 -1.60	-1.95 0.81 21.74	15.91 0.83 8.53	25.75 0.76 3.45	32.77 0.81 0.00	31.27 0.76 -0.41	35.81 1.11 0.00	47.27 1.73 0.00	41.50 1.73 0.00	42.45 1.78 0.00	35.73 1.58 0.00	33.16 1.45 0.00	31.05 1.25 0.00
WATERSIDE____6 8 9 23538	29.84 0.87 -0.06	24.13 0.62 0.00	26.20 0.60 0.00	25.07 0.58 0.00	24.34 0.58 0.00	29.11 0.67 0.00	38.78 1.15 0.00	40.93 1.67 0.00	32.08 1.51 0.00	24.65 1.34 0.00	60.23 0.89 -43.68	29.49 1.07 -9.54	46.95 1.03 -26.95	35.53 1.34 -10.58	34.35 1.64 -4.27	33.93 1.97 0.00	34.37 1.91 -2.37	36.75 2.06 0.00	47.54 2.01 0.00	41.28 1.51 0.00	42.12 1.45 0.00	35.54 1.39 0.00	33.10 1.38 0.00	30.93 1.14 0.00
WATKINRD_115KV_LN8_ILLION 55919	29.13 0.21 0.00	23.72 0.21 0.00	25.80 0.20 0.00	24.70 0.21 0.00	23.99 0.23 0.00	28.69 0.24 0.00	38.05 0.42 0.00	39.72 0.47 0.00	30.78 0.21 0.00	23.29 -0.02 0.00	15.61 -0.04 0.00	18.79 -0.09 0.00	18.90 -0.07 0.00	23.45 -0.16 0.00	28.26 -0.18 0.00	31.80 -0.16 0.00	30.05 -0.04 0.00	34.82 0.12 0.00	45.92 0.39 0.00	40.27 0.51 0.00	41.16 0.49 0.00	34.61 0.45 0.00	32.10 0.38 0.00	30.08 0.28 0.00

WDELAWARE___HYD 323627	29.17 0.22 -0.03	23.63 0.12 0.00	25.67 0.07 0.00	24.55 0.05 0.00	23.82 0.06 0.00	28.51 0.06 0.00	37.97 0.34 0.00	39.88 0.62 0.00	31.11 0.54 0.00	23.72 0.42 0.00	33.98 0.23 -18.09	15.69 0.24 3.43	34.68 0.18 -15.53	29.34 -0.37 -6.10	30.47 -0.44 -2.46	31.62 -0.34 0.00	29.07 -0.16 0.87	34.58 -0.12 0.00	45.25 -0.29 0.00	39.45 -0.31 0.00	40.40 -0.27 0.00	34.77 0.62 0.00	32.29 0.58 0.00	30.20 0.41 0.00
WEST BABYLON___IC 23714	30.52 1.50 -0.11	24.52 1.01 0.00	26.58 0.99 0.00	25.44 0.95 0.00	24.72 0.96 0.00	29.60 1.15 0.00	39.29 1.66 0.00	41.61 2.35 0.00	32.50 1.93 0.00	24.92 1.61 0.00	60.40 1.05 -43.69	30.26 1.31 -10.07	47.26 1.22 -27.06	42.07 1.55 -16.91	38.41 2.08 -7.89	35.91 2.59 -1.36	34.87 2.42 -2.36	37.35 2.66 0.00	48.32 2.78 0.00	41.94 2.17 0.00	42.78 2.10 0.00	36.19 2.04 0.00	33.54 1.82 0.00	31.38 1.59 0.00
WEST CANADA___HYD 24049	28.90 -0.01 0.00	23.51 0.00 0.00	25.60 0.00 0.00	24.49 0.00 0.00	23.76 0.00 0.00	28.42 -0.02 0.00	37.65 0.02 0.00	39.30 0.04 0.00	30.60 0.03 0.00	23.31 0.00 0.00	15.65 -0.01 0.00	18.86 -0.02 0.00	18.96 -0.01 0.00	23.59 -0.02 0.00	28.41 -0.03 0.00	31.96 0.00 0.00	30.09 0.00 0.00	34.73 0.03 0.00	45.58 0.05 0.00	39.81 0.04 0.00	40.71 0.04 0.00	34.21 0.06 0.00	31.78 0.06 0.00	29.82 0.03 0.00
WESTERN_NY_WIND 24143	28.82 -0.09 0.00	23.42 -0.09 0.00	25.58 -0.02 0.00	24.45 -0.05 0.00	23.74 -0.02 0.00	28.65 0.20 0.00	37.98 0.35 0.00	39.36 0.10 0.00	30.67 0.10 0.00	23.38 0.07 0.00	15.84 0.18 0.00	19.16 0.28 0.00	19.47 0.50 0.00	24.27 0.66 0.00	29.35 0.91 0.00	32.57 0.61 0.00	30.51 0.42 0.00	35.14 0.44 0.00	46.06 0.52 0.00	40.15 0.38 0.00	41.21 0.54 0.00	34.55 0.39 0.00	32.11 0.39 0.00	30.20 0.40 0.00
WESTOVER___LESR 323668	28.64 -0.28 0.00	23.25 -0.26 0.00	25.31 -0.29 0.00	24.25 -0.24 0.00	23.53 -0.23 0.00	28.21 -0.24 0.00	37.54 -0.09 0.00	39.12 -0.14 0.00	30.44 -0.13 0.00	23.19 -0.12 0.00	15.64 -0.01 0.00	18.93 0.05 0.00	19.07 0.09 0.00	23.71 0.10 0.00	28.65 0.21 0.00	32.18 0.22 0.00	30.34 0.25 0.00	34.89 0.19 0.00	45.71 0.17 0.00	39.99 0.22 0.00	40.84 0.17 0.00	34.27 0.12 0.00	31.85 0.14 0.00	29.82 0.02 0.00
WETHRSFD_WT_PWR 323626	28.06 -0.85 0.00	22.72 -0.79 0.00	24.77 -0.83 0.00	23.71 -0.79 0.00	22.97 -0.79 0.00	27.67 -0.78 0.00	36.79 -0.85 0.00	38.04 -1.21 0.00	29.63 -0.94 0.00	22.68 -0.62 0.00	15.42 -0.23 0.00	18.73 -0.15 0.00	18.98 0.01 0.00	23.44 -0.17 0.00	28.46 0.02 0.00	31.78 -0.18 0.00	29.84 -0.25 0.00	34.10 -0.60 0.00	44.73 -0.81 0.00	39.16 -0.60 0.00	39.90 -0.77 0.00	33.50 -0.65 0.00	31.16 -0.55 0.00	29.39 -0.40 0.00
WHAVSTOR_138KV_BK127 55557	29.58 0.61 -0.05	23.94 0.43 0.00	26.00 0.40 0.00	24.87 0.38 0.00	24.13 0.37 0.00	28.85 0.40 0.00	38.44 0.81 0.00	40.42 1.17 0.00	31.61 1.05 0.00	24.25 0.94 0.00	36.77 0.62 -20.49	5.34 0.74 14.28	43.44 0.72 -23.74	33.85 0.91 -9.32	33.33 1.13 -3.77	33.38 1.41 0.00	27.86 1.36 3.58	36.20 1.50 0.00	47.10 1.56 0.00	40.95 1.19 0.00	41.80 1.13 0.00	35.18 1.02 0.00	32.76 1.04 0.00	30.66 0.87 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.58 0.61 -0.05	23.94 0.43 0.00	26.00 0.40 0.00	24.87 0.38 0.00	24.13 0.37 0.00	28.85 0.40 0.00	38.44 0.81 0.00	40.42 1.17 0.00	31.61 1.05 0.00	24.25 0.94 0.00	36.77 0.62 -20.49	5.34 0.74 14.28	43.44 0.72 -23.74	33.85 0.91 -9.32	33.33 1.13 -3.77	33.38 1.41 0.00	27.86 1.36 3.58	36.20 1.50 0.00	47.10 1.56 0.00	40.95 1.19 0.00	41.80 1.13 0.00	35.18 1.02 0.00	32.76 1.04 0.00	30.66 0.87 0.00
WHITEHAL_115KV_TB1 80871	31.31 2.44 0.05	25.58 2.07 0.00	27.74 2.14 0.00	26.60 2.11 0.00	25.89 2.13 0.00	30.95 2.50 0.00	40.87 3.24 0.00	42.74 3.48 0.00	33.31 2.75 0.00	24.98 1.67 0.00	-11.78 1.15 28.58	21.87 1.37 -1.62	-1.95 1.36 22.28	16.41 1.55 8.75	26.44 1.53 3.53	33.78 1.82 0.00	32.15 1.65 -0.42	36.46 1.77 0.00	48.06 2.52 0.00	42.47 2.70 0.00	43.64 2.96 0.00	37.00 2.84 0.00	34.43 2.71 0.00	32.16 2.36 0.00
WHITEPLN_13_KV_LOAD 356215	29.97 0.99 -0.06	24.26 0.74 0.00	26.32 0.72 0.00	25.18 0.68 0.00	24.44 0.68 0.00	29.22 0.77 0.00	38.96 1.33 0.00	41.03 1.77 0.00	32.13 1.56 0.00	24.65 1.34 0.00	60.10 0.90 -43.55	29.83 1.07 -9.88	46.68 1.06 -26.65	35.41 1.34 -10.46	34.31 1.65 -4.23	33.98 2.02 0.00	34.48 1.94 -2.45	36.87 2.17 0.00	47.93 2.40 0.00	41.64 1.87 0.00	42.48 1.81 0.00	35.74 1.59 0.00	33.24 1.52 0.00	31.08 1.28 0.00
WM_FLOYD_69_KV_BK2 356380	30.04 1.05 -0.08	24.20 0.69 0.00	26.17 0.58 0.00	25.07 0.57 0.00	24.38 0.62 0.00	29.19 0.74 0.00	38.75 1.12 0.00	41.09 1.84 0.00	32.11 1.54 0.00	24.60 1.30 0.00	60.16 0.82 -43.69	29.59 0.98 -9.74	46.73 0.81 -26.96	38.22 1.06 -13.54	36.25 1.54 -6.26	35.31 2.11 -1.24	34.46 2.00 -2.36	36.86 2.16 0.00	47.64 2.10 0.00	41.34 1.57 0.00	42.17 1.50 0.00	35.70 1.55 0.00	33.04 1.33 0.00	30.88 1.09 0.00
WOODARD___115KV_TB2 355635	28.36 -0.55 0.00	23.05 -0.47 0.00	25.08 -0.52 0.00	24.00 -0.50 0.00	23.29 -0.47 0.00	27.94 -0.51 0.00	37.07 -0.56 0.00	38.66 -0.59 0.00	30.08 -0.49 0.00	22.90 -0.40 0.00	15.42 -0.23 0.00	18.63 -0.25 0.00	18.75 -0.22 0.00	23.35 -0.27 0.00	28.13 -0.31 0.00	31.56 -0.41 0.00	29.74 -0.35 0.00	34.34 -0.35 0.00	45.13 -0.41 0.00	39.40 -0.37 0.00	40.26 -0.42 0.00	33.78 -0.38 0.00	31.39 -0.32 0.00	29.44 -0.35 0.00
WOODMERE_69_KV_BK1 55827	30.92 1.53 -0.48	24.57 1.05 0.00	26.63 1.03 0.00	25.49 0.99 0.00	24.75 0.99 0.00	29.63 1.18 0.00	39.33 1.70 0.00	41.50 2.25 0.00	32.46 1.89 0.00	24.92 1.61 0.00	60.45 1.09 -43.70	34.20 1.38 -13.94	48.70 1.35 -28.37	83.44 1.69 -58.14	57.97 2.18 -27.35	36.52 2.56 -2.00	34.83 2.37 -2.36	37.27 2.58 0.00	48.39 2.86 0.00	42.01 2.24 0.00	42.87 2.20 0.00	36.22 2.06 0.00	33.64 1.92 0.00	31.47 1.68 0.00
YORK___WARBASSE 23770	29.88 0.90 -0.06	24.16 0.64 0.00	26.25 0.65 0.00	25.13 0.63 0.00	24.39 0.63 0.00	29.17 0.72 0.00	38.86 1.23 0.00	40.99 1.73 0.00	32.11 1.55 0.00	24.65 1.34 0.00	60.22 0.88 -43.68	29.47 1.05 -9.54	46.94 1.02 -26.95	35.52 1.33 -10.58	34.34 1.63 -4.27	33.93 1.96 0.00	34.37 1.91 -2.37	36.73 2.03 0.00	47.49 1.95 0.00	41.25 1.49 0.00	42.13 1.46 0.00	35.59 1.43 0.00	33.16 1.45 0.00	30.99 1.20 0.00