

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

04/17/2025

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	12.62	16.45	32.92	33.03	39.93	51.37	40.93	48.10	412.14	46.27	47.94	46.17	45.83	40.50	39.12	42.55	41.85	42.67	42.40	50.87	47.11	42.07	34.97	32.51
24138	2.29	1.92	2.20	2.18	2.67	3.46	2.96	3.74	2.46	1.91	2.25	2.23	2.18	1.95	1.90	1.89	2.07	2.38	2.60	3.35	3.29	2.88	2.38	2.10
	22.33	15.62	1.09	0.00	0.00	0.00	0.00	0.00	-380.30	-20.58	-17.30	-15.36	-16.61	-13.87	-13.86	-18.19	-16.10	-13.15	-8.46	-4.64	-0.77	-0.12	-0.01	-1.99
74TH STREET_GT_1	59.19	50.17	35.04	33.00	39.90	51.33	40.92	48.08	643.73	58.79	58.46	55.52	55.93	48.93	47.54	53.61	51.63	50.65	47.52	53.65	47.52	42.10	34.96	33.67
24260	2.28	1.95	2.14	2.15	2.63	3.43	2.95	3.72	2.46	1.89	2.23	2.22	2.15	1.93	1.87	1.87	2.05	2.35	2.57	3.30	3.23	2.84	2.35	2.05
	-24.25	-18.07	-1.08	0.00	0.00	0.00	0.00	0.00	-611.89	-33.12	-27.83	-24.71	-26.73	-22.32	-22.30	-29.26	-25.91	-21.16	-13.61	-7.47	-1.24	-0.19	-0.02	-3.20
74TH STREET_GT_2	59.19	50.17	35.04	33.00	39.90	51.33	40.92	48.08	643.73	58.79	58.46	55.52	55.93	48.93	47.54	53.61	51.63	50.65	47.52	53.65	47.52	42.10	34.96	33.67
24261	2.28	1.95	2.14	2.15	2.63	3.43	2.95	3.72	2.46	1.89	2.23	2.22	2.15	1.93	1.87	1.87	2.05	2.35	2.57	3.30	3.23	2.84	2.35	2.05
	-24.25	-18.07	-1.08	0.00	0.00	0.00	0.00	0.00	-611.89	-33.12	-27.83	-24.71	-26.73	-22.32	-22.30	-29.26	-25.91	-21.16	-13.61	-7.47	-1.24	-0.19	-0.02	-3.20
ADK HUDSON___FALLS	34.24	31.57	33.30	32.30	39.22	50.98	40.52	47.58	32.57	25.92	30.25	29.95	27.96	25.36	24.10	23.31	24.71	28.49	33.12	45.25	45.40	41.22	34.22	29.75
24011	1.58	1.43	1.48	1.45	1.95	3.07	2.55	3.22	3.19	2.14	1.86	1.36	0.92	0.68	0.73	0.83	1.03	1.35	1.78	2.38	2.35	2.15	1.64	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	34.42	31.76	33.49	32.48	39.42	51.37	40.88	48.03	32.93	26.15	30.43	30.05	27.97	25.37	24.15	23.38	24.81	28.62	33.29	45.46	45.65	41.49	34.37	29.86
23798	1.75	1.62	1.68	1.63	2.15	3.46	2.91	3.67	3.55	2.37	2.04	1.45	0.93	0.68	0.78	0.90	1.14	1.48	1.95	2.59	2.60	2.42	1.79	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	34.24	31.57	33.30	32.30	39.22	50.98	40.52	47.58	32.57	25.92	30.25	29.95	27.96	25.36	24.10	23.31	24.71	28.49	33.12	45.25	45.40	41.22	34.22	29.75
24028	1.58	1.43	1.48	1.45	1.95	3.07	2.55	3.22	3.19	2.14	1.86	1.36	0.92	0.68	0.73	0.83	1.03	1.35	1.78	2.38	2.35	2.15	1.64	1.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	33.63	31.00	32.73	31.76	38.33	49.21	38.97	45.78	30.32	24.60	29.20	29.29	27.82	25.28	24.00	23.18	24.45	28.13	32.37	44.12	44.09	40.14	33.56	29.23
23527	0.96	0.85	0.91	0.91	1.06	1.30	1.00	1.42	0.94	0.82	0.81	0.70	0.78	0.60	0.63	0.70	0.77	1.00	1.03	1.24	1.04	1.07	0.97	0.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	32.82	30.30	31.98	31.06	37.43	48.13	38.26	44.78	29.68	24.08	28.65	28.83	27.35	24.91	23.64	22.80	24.08	27.64	31.83	43.32	43.32	39.39	32.85	28.67
24190	0.15	0.16	0.16	0.21	0.16	0.22	0.29	0.43	0.31	0.30	0.26	0.24	0.30	0.23	0.27	0.32	0.40	0.50	0.49	0.44	0.27	0.32	0.27	0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	32.90	30.40	32.06	30.98	37.45	48.16	37.94	44.15	29.28	23.67	28.24	28.45	26.85	24.55	23.24	22.32	23.49	26.92	31.20	42.93	43.22	39.30	32.65	28.41
355683	0.23	0.27	0.24	0.13	0.17	0.26	-0.03	-0.20	-0.10	-0.11	-0.15	-0.14	-0.19	-0.13	-0.13	-0.15	-0.19	-0.22	-0.14	0.05	0.17	0.23	0.06	-0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	33.53	30.94	32.66	31.73	38.29	49.15	39.02	45.42	29.80	24.08	28.65	28.82	27.33	24.92	23.63	22.77	24.10	27.77	32.30	44.20	44.27	40.20	33.51	29.21
323833	0.86	0.80	0.85	0.88	1.02	1.25	1.05	1.07	0.42	0.30	0.26	0.23	0.29	0.24	0.26	0.29	0.43	0.63	0.96	1.33	1.22	1.13	0.93	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	33.52	30.93	32.65	31.72	38.27	49.14	39.00	45.42	29.80	24.08	28.65	28.82	27.33	24.92	23.63	22.77	24.10	27.77	32.28	44.20	44.25	40.19	33.50	29.20
323834	0.85	0.79	0.84	0.87	1.00	1.23	1.03	1.06	0.42	0.30	0.26	0.23	0.29	0.24	0.26	0.29	0.43	0.62	0.94	1.32	1.20	1.12	0.92	0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	32.82	30.30	31.98	31.06	37.43	48.13	38.26	44.78	29.68	24.08	28.65	28.83	27.35	24.91	23.64	22.80	24.08	27.64	31.83	43.32	43.32	39.39	32.85	28.67
23571	0.15	0.16	0.16	0.21	0.16	0.22	0.29	0.43	0.31	0.30	0.26	0.24	0.30	0.23	0.27	0.32	0.40	0.50	0.49	0.44	0.27	0.32	0.27	0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	32.82 0.15 0.00	30.30 0.16 0.00	31.98 0.16 0.00	31.06 0.21 0.00	37.43 0.16 0.00	48.13 0.22 0.00	38.26 0.29 0.00	44.78 0.43 0.00	29.68 0.31 0.00	24.08 0.30 0.00	28.65 0.26 0.00	28.83 0.24 0.00	27.35 0.30 0.00	24.91 0.23 0.00	23.64 0.27 0.00	22.80 0.32 0.00	24.08 0.40 0.00	27.64 0.50 0.00	31.83 0.49 0.00	43.32 0.44 0.00	43.32 0.27 0.00	39.39 0.32 0.00	32.85 0.27 0.00	28.67 0.25 0.00
ALBANY___3 23573	32.82 0.15 0.00	30.30 0.16 0.00	31.98 0.16 0.00	31.06 0.21 0.00	37.43 0.16 0.00	48.13 0.22 0.00	38.26 0.29 0.00	44.78 0.43 0.00	29.68 0.31 0.00	24.08 0.30 0.00	28.65 0.26 0.00	28.83 0.24 0.00	27.35 0.30 0.00	24.91 0.23 0.00	23.64 0.27 0.00	22.80 0.32 0.00	24.08 0.40 0.00	27.64 0.50 0.00	31.83 0.49 0.00	43.32 0.44 0.00	43.32 0.27 0.00	39.39 0.32 0.00	32.85 0.27 0.00	28.67 0.25 0.00
ALBANY___4 23574	32.82 0.15 0.00	30.30 0.16 0.00	31.98 0.16 0.00	31.06 0.21 0.00	37.43 0.16 0.00	48.13 0.22 0.00	38.26 0.29 0.00	44.78 0.43 0.00	29.68 0.31 0.00	24.08 0.30 0.00	28.65 0.26 0.00	28.83 0.24 0.00	27.35 0.30 0.00	24.91 0.23 0.00	23.64 0.27 0.00	22.80 0.32 0.00	24.08 0.40 0.00	27.64 0.50 0.00	31.83 0.49 0.00	43.32 0.44 0.00	43.32 0.27 0.00	39.39 0.32 0.00	32.85 0.27 0.00	28.67 0.25 0.00
ALBANY___LFGE 323615	33.18 0.51 0.00	30.62 0.48 0.00	32.30 0.48 0.00	31.38 0.53 0.00	37.83 0.56 0.00	48.66 0.75 0.00	38.67 0.70 0.00	45.27 0.91 0.00	29.98 0.60 0.00	24.32 0.54 0.00	28.93 0.54 0.00	29.11 0.52 0.00	27.59 0.55 0.00	25.13 0.45 0.00	23.84 0.47 0.00	22.99 0.51 0.00	24.30 0.63 0.00	27.92 0.78 0.00	32.17 0.83 0.00	43.80 0.93 0.00	43.82 0.77 0.00	39.82 0.75 0.00	33.19 0.60 0.00	28.95 0.53 0.00
ALCOA_PA_115KV_PL-6C 55860	33.41 0.39 -0.35	30.56 0.41 0.00	32.22 0.40 0.00	32.73 0.28 -1.61	38.00 0.36 -0.37	48.40 0.49 0.00	38.00 0.02 0.00	44.19 -0.17 0.00	29.36 -0.02 0.00	23.71 -0.08 0.00	28.28 -0.11 0.00	28.95 -0.09 -0.45	27.35 -0.14 -0.44	26.27 -0.09 -1.67	24.08 -0.09 -0.80	23.26 -0.11 -0.89	24.62 -0.15 -1.10	26.98 -0.16 0.00	31.29 -0.05 0.00	43.14 0.26 0.00	43.47 0.42 0.00	39.50 0.43 0.00	32.80 0.21 0.00	28.54 0.11 0.00
ALCOA_RYNLDS___DRP 24188	33.41 0.39 -0.35	30.56 0.41 0.00	32.22 0.40 0.00	32.73 0.28 -1.61	38.00 0.36 -0.37	48.40 0.49 0.00	38.00 0.02 0.00	44.19 -0.17 0.00	29.36 -0.02 0.00	23.71 -0.08 0.00	28.28 -0.11 0.00	28.95 -0.09 -0.45	27.35 -0.14 -0.44	26.27 -0.09 -1.67	24.08 -0.09 -0.80	23.26 -0.11 -0.89	24.62 -0.15 -1.10	26.98 -0.16 0.00	31.29 -0.05 0.00	43.14 0.26 0.00	43.47 0.42 0.00	39.50 0.43 0.00	32.80 0.21 0.00	28.54 0.11 0.00
ALCOA___DSASP 323711	33.41 0.39 -0.35	30.55 0.41 0.00	32.22 0.40 0.00	32.73 0.28 -1.61	38.00 0.36 -0.37	48.40 0.49 0.00	38.00 0.02 0.00	44.19 -0.17 0.00	29.36 -0.02 0.00	23.71 -0.08 0.00	28.28 -0.11 0.00	28.95 -0.09 -0.45	27.35 -0.14 -0.44	26.27 -0.09 -1.67	24.08 -0.09 -0.80	23.26 -0.11 -0.89	24.63 -0.15 -1.10	26.98 -0.16 0.00	31.29 -0.05 0.00	43.14 0.26 0.00	43.47 0.42 0.00	39.50 0.43 0.00	32.80 0.22 0.00	28.54 0.11 0.00
ALLEGHENY___COGEN 23514	33.56 0.89 0.00	31.08 0.94 0.00	32.75 0.93 0.00	31.76 0.91 0.00	38.57 1.30 0.00	49.47 1.56 0.00	39.36 1.39 0.00	45.57 1.21 0.00	29.57 0.19 0.00	23.59 -0.19 0.00	28.34 -0.05 0.00	28.61 0.01 0.00	26.75 -0.29 0.00	24.54 -0.15 0.00	23.09 -0.29 0.00	22.18 -0.30 0.00	23.32 -0.35 0.00	26.63 -0.51 0.00	30.86 -0.48 0.00	43.11 0.23 0.00	43.96 0.91 0.00	39.91 0.83 0.00	33.61 1.02 0.00	29.28 0.86 0.00
ALTAMONT_115KV_TB 2 55880	33.23 0.56 0.00	30.64 0.50 0.00	32.36 0.54 0.00	31.42 0.57 0.00	37.91 0.64 0.00	48.75 0.84 0.00	38.71 0.74 0.00	45.30 0.95 0.00	29.96 0.58 0.00	24.25 0.47 0.00	28.90 0.51 0.00	29.08 0.49 0.00	27.58 0.53 0.00	25.13 0.45 0.00	23.83 0.46 0.00	22.98 0.50 0.00	24.25 0.57 0.00	27.82 0.68 0.00	32.08 0.74 0.00	43.79 0.91 0.00	43.87 0.82 0.00	39.84 0.77 0.00	33.22 0.64 0.00	28.97 0.55 0.00
ALTONA_WT_PWR 323606	22.66 -0.63 9.38	29.68 -0.45 0.00	31.35 -0.47 0.00	-12.89 -0.76 42.98	26.57 -0.91 9.79	47.17 -0.74 0.00	37.47 -0.50 0.00	43.66 -0.70 0.00	28.59 -0.79 0.00	23.16 -0.62 0.00	27.41 -0.98 0.00	15.53 -1.07 11.99	14.18 -1.06 11.80	-21.07 -0.98 44.78	1.01 -0.93 21.43	-2.28 -0.92 23.84	-6.66 -1.00 29.34	26.23 -0.91 0.00	30.66 -0.68 0.00	42.97 0.10 0.00	43.76 0.71 0.00	39.86 0.79 0.00	32.79 0.20 0.00	28.33 -0.09 0.00
AMERICAN_REF_FUEL 24010	31.48 -1.18 0.00	29.04 -1.11 0.00	30.52 -1.30 0.00	29.48 -1.37 0.00	35.79 -1.48 0.00	45.61 -2.30 0.00	36.00 -1.97 0.00	41.50 -2.86 0.00	27.92 -1.47 0.00	22.59 -1.19 0.00	27.49 -0.90 0.00	27.82 -0.78 0.00	25.81 -1.23 0.00	23.84 -0.84 0.00	22.49 -0.88 0.00	21.57 -0.90 0.00	22.43 -1.24 0.00	25.24 -1.90 0.00	28.77 -2.57 0.00	39.06 -3.81 0.00	39.39 -3.66 0.00	35.88 -3.19 0.00	30.76 -1.82 0.00	26.89 -1.53 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	33.65 0.98 0.00	31.06 0.92 0.00	32.86 1.04 0.00	31.77 0.92 0.00	38.60 1.33 0.00	49.38 1.47 0.00	39.20 1.23 0.00	45.71 1.35 0.00	30.54 1.16 0.00	24.58 0.80 0.00	29.76 1.37 0.00	30.02 1.43 0.00	27.94 0.90 0.00	25.59 0.91 0.00	24.07 0.70 0.00	23.22 0.74 0.00	24.30 0.62 0.00	27.53 0.39 0.00	31.62 0.28 0.00	43.00 0.12 0.00	43.41 0.36 0.00	39.14 0.06 0.00	33.01 0.43 0.00	28.75 0.33 0.00
ARTHUR KILL_GT_1 23520	67.24 1.94 -32.65	57.48 1.80 -25.55	50.13 2.18 -16.13	50.54 2.12 -17.57	50.56 2.42 -10.88	53.93 2.96 -3.06	48.94 2.83 -8.14	54.23 3.65 -6.22	537.60 2.27 -505.96	55.15 1.68 -29.69	55.24 1.96 -24.89	55.26 1.95 -24.71	55.74 1.97 -26.73	49.76 1.81 -23.27	48.23 1.73 -23.14	53.35 1.67 -29.20	49.59 1.82 -24.10	50.45 2.15 -21.16	49.09 2.48 -15.26	52.33 2.97 -6.49	54.74 3.02 -8.67	49.53 2.75 -7.70	49.09 2.35 -14.16	48.14 1.82 -17.90
ARTHUR_KILL_2 23512	67.17 1.85 -32.65	57.39 1.71 -25.55	50.04 2.09 -16.13	50.46 2.04 -17.57	50.46 2.31 -10.88	53.80 2.84 -3.06	48.83 2.72 -8.14	54.10 3.52 -6.22	537.52 2.19 -505.96	55.09 1.62 -29.69	55.18 1.90 -24.89	55.20 1.90 -24.71	55.70 1.92 -26.73	49.72 1.76 -23.27	48.19 1.68 -23.14	53.31 1.63 -29.20	49.54 1.77 -24.10	50.39 2.09 -21.16	49.00 2.40 -15.26	52.22 2.85 -6.49	54.61 2.89 -8.67	49.41 2.63 -7.70	49.00 2.26 -14.16	48.06 1.74 -17.90
ARTHUR_KILL_3 23513	66.07 2.07 -31.33	53.13 1.75 -21.24	47.18 1.93 -13.43	51.14 1.95 -18.35	51.06 2.43 -11.36	54.75 3.16 -3.69	49.16 2.69 -8.50	54.25 3.39 -6.49	537.49 2.22 -505.89	52.66 1.69 -27.18	53.19 1.96 -22.85	50.78 1.91 -20.28	50.86 1.88 -21.94	44.68 1.68 -18.32	43.33 1.65 -18.30	48.15 1.66 -24.02	46.76 1.82 -21.26	46.60 2.09 -17.36	46.82 2.30 -13.18	52.19 2.93 -6.38	54.60 2.86 -8.69	49.59 2.49 -8.03	49.42 2.07 -14.77	48.38 1.87 -18.09

ARTHUR_KILL_COGEN 323718	67.24 1.94 -32.65	57.48 1.80 -25.55	50.13 2.18 -16.13	50.54 2.12 -17.57	50.56 2.42 -10.88	53.93 2.96 -3.06	48.94 2.83 -8.14	54.23 3.65 -6.22	537.60 2.27 -505.96	55.15 1.68 -29.69	55.24 1.96 -24.89	55.26 1.95 -24.71	55.74 1.97 -26.73	49.76 1.81 -23.27	48.23 1.73 -23.14	53.35 1.67 -29.20	49.59 1.82 -24.10	50.45 2.15 -21.16	49.09 2.48 -15.26	52.33 2.97 -6.49	54.74 3.02 -8.67	49.53 2.75 -7.70	49.09 2.35 -14.16	48.14 1.82 -17.90
ASHOKAN____ 23654	34.21 1.54 0.00	31.49 1.35 0.00	33.25 1.43 0.00	32.28 1.44 0.00	38.99 1.72 0.00	50.21 2.30 0.00	40.01 2.04 0.00	46.94 2.58 0.00	30.92 1.54 0.00	24.89 1.10 0.00	29.50 1.10 0.00	29.71 1.12 0.00	28.01 0.97 0.00	25.53 0.84 0.00	24.19 0.82 0.00	23.31 0.83 0.00	24.75 1.07 0.00	28.63 1.49 0.00	33.13 1.79 0.00	45.42 2.54 0.00	45.59 2.54 0.00	41.29 2.22 0.00	34.36 1.78 0.00	29.89 1.47 0.00
ASTORIA_EAST_ENERGY_CC1 323581	175.12 2.17 -140.28	57.59 1.91 -25.54	38.29 1.91 -4.55	32.73 1.87 -0.01	39.64 2.37 0.00	50.99 3.08 0.00	40.69 2.72 0.00	47.77 3.41 0.00	533.63 2.03 -502.22	52.38 1.42 -27.18	53.10 1.87 -22.84	50.74 1.88 -20.27	50.60 1.62 -21.94	44.41 1.41 -18.32	43.08 1.40 -18.31	47.91 1.41 -24.03	46.52 1.58 -21.27	46.34 1.83 -17.37	44.52 2.00 -11.18	51.82 2.80 -6.14	47.01 2.72 -1.23	41.80 2.54 -0.19	34.63 2.02 -0.03	33.22 1.60 -3.20
ASTORIA_EAST_ENERGY_CC2 323582	175.12 2.17 -140.28	57.59 1.91 -25.54	38.29 1.91 -4.55	32.73 1.87 -0.01	39.64 2.37 0.00	50.99 3.08 0.00	40.69 2.72 0.00	47.77 3.41 0.00	533.63 2.03 -502.22	52.38 1.42 -27.18	53.10 1.87 -22.84	50.74 1.88 -20.27	50.60 1.62 -21.94	44.41 1.41 -18.32	43.08 1.40 -18.31	47.91 1.41 -24.03	46.52 1.58 -21.27	46.34 1.83 -17.37	44.52 2.00 -11.18	51.82 2.80 -6.14	47.01 2.72 -1.23	41.80 2.54 -0.19	34.63 2.02 -0.03	33.22 1.60 -3.20
ASTORIA_GT2_1 24094	175.12 2.17 -140.28	57.60 1.91 -25.54	38.29 1.92 -4.55	32.72 1.87 -0.01	39.64 2.37 0.00	50.99 3.08 0.00	40.69 2.72 0.00	47.77 3.41 0.00	533.72 2.12 -502.22	52.55 1.59 -27.18	53.11 1.88 -22.84	50.74 1.88 -20.27	50.81 1.83 -21.94	44.63 1.63 -18.32	43.22 1.55 -18.31	48.05 1.55 -24.03	46.65 1.70 -21.27	46.47 1.96 -17.37	44.68 2.16 -11.18	51.88 2.87 -6.14	47.01 2.72 -1.23	41.80 2.54 -0.19	34.63 2.02 -0.03	33.24 1.61 -3.20
ASTORIA_GT2_2 24095	175.12 2.17 -140.28	57.60 1.91 -25.54	38.29 1.92 -4.55	32.72 1.87 -0.01	39.64 2.37 0.00	50.99 3.08 0.00	40.69 2.72 0.00	47.77 3.41 0.00	533.72 2.12 -502.22	52.55 1.59 -27.18	53.11 1.88 -22.84	50.74 1.88 -20.27	50.81 1.83 -21.94	44.63 1.63 -18.32	43.22 1.55 -18.31	48.05 1.55 -24.03	46.65 1.70 -21.27	46.47 1.96 -17.37	44.68 2.16 -11.18	51.88 2.87 -6.14	47.01 2.72 -1.23	41.80 2.54 -0.19	34.63 2.02 -0.03	33.24 1.61 -3.20
ASTORIA_GT2_3 24096	175.12 2.17 -140.28	57.60 1.91 -25.54	38.29 1.92 -4.55	32.72 1.87 -0.01	39.64 2.37 0.00	50.99 3.08 0.00	40.69 2.72 0.00	47.77 3.41 0.00	533.72 2.12 -502.22	52.55 1.59 -27.18	53.11 1.88 -22.84	50.74 1.88 -20.27	50.81 1.83 -21.94	44.63 1.63 -18.32	43.22 1.55 -18.31	48.05 1.55 -24.03	46.65 1.70 -21.27	46.47 1.96 -17.37	44.68 2.16 -11.18	51.88 2.87 -6.14	47.01 2.72 -1.23	41.80 2.54 -0.19	34.63 2.02 -0.03	33.24 1.61 -3.20
ASTORIA_GT2_4 24097	175.12 2.17 -140.28	57.60 1.91 -25.54	38.29 1.92 -4.55	32.72 1.87 -0.01	39.64 2.37 0.00	50.99 3.08 0.00	40.69 2.72 0.00	47.77 3.41 0.00	533.72 2.12 -502.22	52.55 1.59 -27.18	53.11 1.88 -22.84	50.74 1.88 -20.27	50.81 1.83 -21.94	44.63 1.63 -18.32	43.22 1.55 -18.31	48.05 1.55 -24.03	46.65 1.70 -21.27	46.47 1.96 -17.37	44.68 2.16 -11.18	51.88 2.87 -6.14	47.01 2.72 -1.23	41.80 2.54 -0.19	34.63 2.02 -0.03	33.24 1.61 -3.20
ASTORIA_GT3_1 24098	175.12 2.17 -140.28	57.60 1.91 -25.54	38.29 1.92 -4.55	32.72 1.87 -0.01	39.64 2.37 0.00	50.99 3.08 0.00	40.69 2.72 0.00	47.77 3.41 0.00	533.72 2.12 -502.22	52.55 1.59 -27.18	53.11 1.88 -22.84	50.74 1.88 -20.27	50.81 1.83 -21.94	44.63 1.63 -18.32	43.22 1.55 -18.31	48.05 1.55 -24.03	46.65 1.70 -21.27	46.47 1.96 -17.37	44.68 2.16 -11.18	51.88 2.87 -6.14	47.01 2.72 -1.23	41.80 2.54 -0.19	34.63 2.02 -0.03	33.24 1.61 -3.20
ASTORIA_GT3_2 24099	175.12 2.17 -140.28	57.60 1.91 -25.54	38.29 1.92 -4.55	32.72 1.87 -0.01	39.64 2.37 0.00	50.99 3.08 0.00	40.69 2.72 0.00	47.77 3.41 0.00	533.72 2.12 -502.22	52.55 1.59 -27.18	53.11 1.88 -22.84	50.74 1.88 -20.27	50.81 1.83 -21.94	44.63 1.63 -18.32	43.22 1.55 -18.31	48.05 1.55 -24.03	46.65 1.70 -21.27	46.47 1.96 -17.37	44.68 2.16 -11.18	51.88 2.87 -6.14	47.01 2.72 -1.23	41.80 2.54 -0.19	34.63 2.02 -0.03	33.24 1.61 -3.20
ASTORIA_GT3_3 24100	175.12 2.17 -140.28	57.60 1.91 -25.54	38.29 1.92 -4.55	32.72 1.87 -0.01	39.64 2.37 0.00	50.99 3.08 0.00	40.69 2.72 0.00	47.77 3.41 0.00	533.72 2.12 -502.22	52.55 1.59 -27.18	53.11 1.88 -22.84	50.74 1.88 -20.27	50.81 1.83 -21.94	44.63 1.63 -18.32	43.22 1.55 -18.31	48.05 1.55 -24.03	46.65 1.70 -21.27	46.47 1.96 -17.37	44.68 2.16 -11.18	51.88 2.87 -6.14	47.01 2.72 -1.23	41.80 2.54 -0.19	34.63 2.02 -0.03	33.24 1.61 -3.20
ASTORIA_GT3_4 24101	175.12 2.17 -140.28	57.60 1.91 -25.54	38.29 1.92 -4.55	32.72 1.87 -0.01	39.64 2.37 0.00	50.99 3.08 0.00	40.69 2.72 0.00	47.77 3.41 0.00	533.72 2.12 -502.22	52.55 1.59 -27.18	53.11 1.88 -22.84	50.74 1.88 -20.27	50.81 1.83 -21.94	44.63 1.63 -18.32	43.22 1.55 -18.31	48.05 1.55 -24.03	46.65 1.70 -21.27	46.47 1.96 -17.37	44.68 2.16 -11.18	51.88 2.87 -6.14	47.01 2.72 -1.23	41.80 2.54 -0.19	34.63 2.02 -0.03	33.24 1.61 -3.20
ASTORIA_GT4_1 24102	175.12 2.17 -140.28	57.60 1.91 -25.54	38.29 1.92 -4.55	32.72 1.87 -0.01	39.64 2.37 0.00	50.99 3.08 0.00	40.69 2.72 0.00	47.77 3.41 0.00	533.72 2.12 -502.22	52.55 1.59 -27.18	53.11 1.88 -22.84	50.74 1.88 -20.27	50.81 1.83 -21.94	44.63 1.63 -18.32	43.22 1.55 -18.31	48.05 1.55 -24.03	46.65 1.70 -21.27	46.47 1.96 -17.37	44.68 2.16 -11.18	51.88 2.87 -6.14	47.01 2.72 -1.23	41.80 2.54 -0.19	34.63 2.02 -0.03	33.24 1.61 -3.20
ASTORIA_GT4_2 24103	175.12 2.17 -140.28	57.60 1.91 -25.54	38.29 1.92 -4.55	32.72 1.87 -0.01	39.64 2.37 0.00	50.99 3.08 0.00	40.69 2.72 0.00	47.77 3.41 0.00	533.72 2.12 -502.22	52.55 1.59 -27.18	53.11 1.88 -22.84	50.74 1.88 -20.27	50.81 1.83 -21.94	44.63 1.63 -18.32	43.22 1.55 -18.31	48.05 1.55 -24.03	46.65 1.70 -21.27	46.47 1.96 -17.37	44.68 2.16 -11.18	51.88 2.87 -6.14	47.01 2.72 -1.23	41.80 2.54 -0.19	34.63 2.02 -0.03	33.24 1.61 -3.20
ASTORIA_GT4_3 24104	175.12 2.17 -140.28	57.60 1.91 -25.54	38.29 1.92 -4.55	32.72 1.87 -0.01	39.64 2.37 0.00	50.99 3.08 0.00	40.69 2.72 0.00	47.77 3.41 0.00	533.72 2.12 -502.22	52.55 1.59 -27.18	53.11 1.88 -22.84	50.74 1.88 -20.27	50.81 1.83 -21.94	44.63 1.63 -18.32	43.22 1.55 -18.31	48.05 1.55 -24.03	46.65 1.70 -21.27	46.47 1.96 -17.37	44.68 2.16 -11.18	51.88 2.87 -6.14	47.01 2.72 -1.23	41.80 2.54 -0.19	34.63 2.02 -0.03	33.24 1.61 -3.20

ASTORIA_GT4_4 24105	175.12 2.17 -140.28	57.60 1.91 -25.54	38.29 1.92 -4.55	32.72 1.87 -0.01	39.64 2.37 0.00	50.99 3.08 0.00	40.69 2.72 0.00	47.77 3.41 0.00	533.72 2.12 -502.22	52.55 1.59 -27.18	53.11 1.88 -22.84	50.74 1.88 -20.27	50.81 1.83 -21.94	44.63 1.63 -18.32	43.22 1.55 -18.31	48.05 1.55 -24.03	46.65 1.70 -21.27	46.47 1.96 -17.37	44.68 2.16 -11.18	51.88 2.87 -6.14	47.01 2.72 -1.23	41.80 2.54 -0.19	34.63 2.02 -0.03	33.24 1.61 -3.20
ASTORIA_GT_1 23523	175.17 2.21 -140.28	57.65 1.96 -25.54	38.34 1.97 -4.55	32.77 1.91 -0.01	39.69 2.43 0.00	51.06 3.15 0.00	40.75 2.77 0.00	47.84 3.47 0.00	533.68 2.08 -502.22	52.42 1.45 -27.18	53.14 1.91 -22.84	50.77 1.91 -20.27	50.65 1.67 -21.94	44.46 1.46 -18.32	43.12 1.44 -18.31	47.96 1.45 -24.03	46.57 1.62 -21.27	46.39 1.88 -17.37	44.57 2.05 -11.18	51.89 2.88 -6.14	47.07 2.78 -1.23	41.87 2.60 -0.19	34.69 2.08 -0.03	33.26 1.64 -3.20
ASTORIA_GT_10 24110	175.17 2.21 -140.28	57.61 1.92 -25.54	38.46 2.09 -4.55	32.94 2.08 -0.01	39.81 2.54 0.00	51.15 3.24 0.00	40.81 2.84 0.00	47.95 3.59 0.00	643.76 2.33 -612.05	58.66 1.76 -33.12	58.30 2.08 -27.83	55.38 2.08 -24.71	55.80 2.03 -26.73	48.81 1.81 -22.32	47.40 1.73 -22.30	53.47 1.73 -29.26	51.47 1.89 -25.91	50.47 2.18 -21.16	47.37 2.41 -13.61	53.40 3.05 -7.47	47.27 2.98 -1.24	41.95 2.68 -0.19	34.84 2.23 -0.03	33.52 1.90 -3.20
ASTORIA_GT_11 24225	175.17 2.21 -140.28	57.61 1.92 -25.54	38.46 2.09 -4.55	32.94 2.08 -0.01	39.81 2.54 0.00	51.15 3.24 0.00	40.81 2.84 0.00	47.95 3.59 0.00	643.76 2.33 -612.05	58.66 1.76 -33.12	58.30 2.08 -27.83	55.38 2.08 -24.71	55.80 2.03 -26.73	48.81 1.81 -22.32	47.40 1.73 -22.30	53.47 1.73 -29.26	51.47 1.89 -25.91	50.47 2.18 -21.16	47.37 2.41 -13.61	53.40 3.05 -7.47	47.27 2.98 -1.24	41.95 2.68 -0.19	34.84 2.23 -0.03	33.52 1.90 -3.20
ASTORIA_GT_12 24226	175.17 2.21 -140.28	57.61 1.92 -25.54	38.46 2.09 -4.55	32.94 2.08 -0.01	39.81 2.54 0.00	51.15 3.24 0.00	40.81 2.84 0.00	47.95 3.59 0.00	643.76 2.33 -612.05	58.66 1.76 -33.12	58.30 2.08 -27.83	55.38 2.08 -24.71	55.80 2.03 -26.73	48.81 1.81 -22.32	47.40 1.73 -22.30	53.47 1.73 -29.26	51.47 1.89 -25.91	50.47 2.18 -21.16	47.37 2.41 -13.61	53.40 3.05 -7.47	47.27 2.98 -1.24	41.95 2.68 -0.19	34.84 2.23 -0.03	33.52 1.90 -3.20
ASTORIA_GT_13 24227	175.17 2.21 -140.28	57.61 1.92 -25.54	38.46 2.09 -4.55	32.94 2.08 -0.01	39.81 2.54 0.00	51.15 3.24 0.00	40.81 2.84 0.00	47.95 3.59 0.00	643.76 2.33 -612.05	58.66 1.76 -33.12	58.30 2.08 -27.83	55.38 2.08 -24.71	55.80 2.03 -26.73	48.81 1.81 -22.32	47.40 1.73 -22.30	53.47 1.73 -29.26	51.47 1.89 -25.91	50.47 2.18 -21.16	47.37 2.41 -13.61	53.40 3.05 -7.47	47.27 2.98 -1.24	41.95 2.68 -0.19	34.84 2.23 -0.03	33.52 1.90 -3.20
ASTORIA_GT_5 24106	175.16 2.21 -140.28	57.65 1.96 -25.54	38.34 1.97 -4.55	32.77 1.91 -0.01	39.69 2.43 0.00	51.06 3.15 0.00	40.75 2.77 0.00	47.84 3.47 0.00	533.77 2.17 -502.22	52.60 1.63 -27.18	53.15 1.92 -22.84	50.77 1.91 -20.27	50.86 1.88 -21.94	44.67 1.67 -18.32	43.27 1.59 -18.31	48.10 1.59 -24.03	46.69 1.74 -21.27	46.52 2.01 -17.37	44.74 2.21 -11.18	51.96 2.94 -6.14	47.07 2.78 -1.23	41.86 2.60 -0.19	34.68 2.08 -0.03	33.28 1.66 -3.20
ASTORIA_GT_7 24107	175.16 2.21 -140.28	57.65 1.96 -25.54	38.34 1.97 -4.55	32.77 1.91 -0.01	39.69 2.43 0.00	51.06 3.15 0.00	40.75 2.77 0.00	47.84 3.47 0.00	533.77 2.17 -502.22	52.60 1.63 -27.18	53.15 1.92 -22.84	50.77 1.91 -20.27	50.86 1.88 -21.94	44.67 1.67 -18.32	43.27 1.59 -18.31	48.10 1.59 -24.03	46.69 1.74 -21.27	46.52 2.01 -17.37	44.74 2.21 -11.18	51.96 2.94 -6.14	47.07 2.78 -1.23	41.86 2.60 -0.19	34.68 2.08 -0.03	33.28 1.66 -3.20
ASTORIA_GT_8 24108	175.16 2.21 -140.28	57.65 1.96 -25.54	38.34 1.97 -4.55	32.77 1.91 -0.01	39.69 2.43 0.00	51.06 3.15 0.00	40.75 2.77 0.00	47.84 3.47 0.00	533.77 2.17 -502.22	52.60 1.63 -27.18	53.15 1.92 -22.84	50.77 1.91 -20.27	50.86 1.88 -21.94	44.67 1.67 -18.32	43.27 1.59 -18.31	48.10 1.59 -24.03	46.69 1.74 -21.27	46.52 2.01 -17.37	44.74 2.21 -11.18	51.96 2.94 -6.14	47.07 2.78 -1.23	41.86 2.60 -0.19	34.68 2.08 -0.03	33.28 1.66 -3.20
ASTORIA___2 24149	175.12 2.17 -140.28	57.59 1.91 -25.54	38.29 1.91 -4.55	32.73 1.87 -0.01	39.64 2.37 0.00	50.99 3.08 0.00	40.69 2.72 0.00	47.77 3.41 0.00	533.63 2.03 -502.22	52.38 1.42 -27.18	53.10 1.87 -22.84	50.74 1.88 -20.27	50.60 1.62 -21.94	44.41 1.41 -18.32	43.08 1.40 -18.31	47.91 1.41 -24.03	46.52 1.58 -21.27	46.34 1.83 -17.37	44.52 2.00 -11.18	51.82 2.80 -6.14	47.01 2.72 -1.23	41.80 2.54 -0.19	34.63 2.02 -0.03	33.22 1.60 -3.20
ASTORIA___3 23516	175.17 2.22 -140.28	57.61 1.92 -25.54	38.46 2.09 -4.55	32.94 2.08 -0.01	39.81 2.54 0.00	51.16 3.25 0.00	40.81 2.84 0.00	47.95 3.58 0.00	643.74 2.31 -612.05	58.63 1.73 -33.12	58.30 2.08 -27.83	55.38 2.08 -24.71	55.76 1.98 -26.73	48.76 1.76 -22.32	47.36 1.70 -22.30	53.43 1.69 -29.26	51.45 1.87 -25.91	50.45 2.15 -21.16	47.33 2.38 -13.61	53.38 3.03 -7.47	47.27 2.98 -1.24	41.95 2.68 -0.19	34.83 2.22 -0.03	33.52 1.90 -3.20
ASTORIA___4 23517	175.17 2.21 -140.28	57.61 1.92 -25.54	38.46 2.09 -4.55	32.94 2.08 -0.01	39.81 2.54 0.00	51.15 3.24 0.00	40.81 2.84 0.00	47.95 3.59 0.00	643.76 2.33 -612.05	58.66 1.76 -33.12	58.30 2.08 -27.83	55.38 2.08 -24.71	55.80 2.03 -26.73	48.81 1.81 -22.32	47.40 1.73 -22.30	53.47 1.73 -29.26	51.47 1.89 -25.91	50.47 2.18 -21.16	47.37 2.41 -13.61	53.40 3.05 -7.47	47.27 2.98 -1.24	41.95 2.68 -0.19	34.84 2.23 -0.03	33.52 1.90 -3.20
ASTORIA___5 23518	175.17 2.22 -140.28	57.61 1.92 -25.54	38.46 2.09 -4.55	32.94 2.08 -0.01	39.81 2.54 0.00	51.16 3.25 0.00	40.81 2.84 0.00	47.95 3.58 0.00	643.73 2.31 -612.05	58.63 1.73 -33.12	58.30 2.08 -27.83	55.38 2.08 -24.71	55.76 1.98 -26.73	48.76 1.76 -22.32	47.36 1.70 -22.30	53.43 1.69 -29.26	51.45 1.87 -25.91	50.45 2.15 -21.16	47.33 2.38 -13.61	53.38 3.03 -7.47	47.27 2.98 -1.24	41.95 2.68 -0.19	34.83 2.22 -0.03	33.52 1.90 -3.20
AST_ENERGY_2_CC3 323677	64.19 2.11 -29.41	53.08 1.81 -21.13	35.20 1.99 -1.39	32.84 1.99 0.00	39.71 2.44 0.00	51.09 3.19 0.00	40.70 2.73 0.00	47.82 3.46 0.00	533.73 2.29 -502.07	52.72 1.76 -27.18	53.28 2.05 -22.84	50.89 2.02 -20.27	50.98 2.00 -21.93	44.78 1.79 -18.31	43.41 1.74 -18.29	48.23 1.75 -24.01	46.86 1.92 -21.26	46.72 2.22 -17.36	44.93 2.42 -11.17	52.08 3.08 -6.13	47.08 3.01 -1.02	41.86 2.63 -0.16	34.79 2.20 -0.02	32.99 1.94 -2.63
AST_ENERGY_2_CC4 323678	64.19 2.11 -29.41	53.08 1.81 -21.13	35.20 1.99 -1.39	32.84 1.99 0.00	39.71 2.44 0.00	51.09 3.19 0.00	40.70 2.73 0.00	47.82 3.46 0.00	533.73 2.29 -502.07	52.72 1.76 -27.18	53.28 2.05 -22.84	50.89 2.02 -20.27	50.98 2.00 -21.93	44.78 1.79 -18.31	43.41 1.74 -18.29	48.23 1.75 -24.01	46.86 1.92 -21.26	46.72 2.22 -17.36	44.93 2.42 -11.17	52.08 3.08 -6.13	47.08 3.01 -1.02	41.86 2.63 -0.16	34.79 2.20 -0.02	32.99 1.94 -2.63

ATHENS_STG_1 23668	33.36 0.69 0.00	30.73 0.59 0.00	32.48 0.66 0.00	31.54 0.69 0.00	38.08 0.81 0.00	48.98 1.07 0.00	38.90 0.93 0.00	45.61 1.25 0.00	30.22 0.84 0.00	24.50 0.72 0.00	29.23 0.84 0.00	29.43 0.84 0.00	27.90 0.86 0.00	25.42 0.74 0.00	24.11 0.75 0.00	23.24 0.76 0.00	24.54 0.87 0.00	28.10 0.96 0.00	32.29 0.95 0.00	44.02 1.14 0.00	44.09 1.04 0.00	40.01 0.94 0.00	33.36 0.78 0.00	29.11 0.69 0.00
ATHENS_STG_2 23670	33.36 0.69 0.00	30.73 0.59 0.00	32.48 0.66 0.00	31.54 0.69 0.00	38.08 0.81 0.00	48.98 1.07 0.00	38.90 0.93 0.00	45.61 1.25 0.00	30.22 0.84 0.00	24.50 0.72 0.00	29.23 0.84 0.00	29.43 0.84 0.00	27.90 0.86 0.00	25.42 0.74 0.00	24.11 0.75 0.00	23.24 0.76 0.00	24.54 0.87 0.00	28.10 0.96 0.00	32.29 0.95 0.00	44.02 1.14 0.00	44.09 1.04 0.00	40.01 0.94 0.00	33.36 0.78 0.00	29.11 0.69 0.00
ATHENS_STG_3 23677	33.36 0.69 0.00	30.73 0.59 0.00	32.48 0.66 0.00	31.54 0.69 0.00	38.08 0.81 0.00	48.98 1.07 0.00	38.90 0.93 0.00	45.61 1.25 0.00	30.22 0.84 0.00	24.50 0.72 0.00	29.23 0.84 0.00	29.43 0.84 0.00	27.90 0.86 0.00	25.42 0.74 0.00	24.11 0.75 0.00	23.24 0.76 0.00	24.54 0.87 0.00	28.10 0.96 0.00	32.29 0.95 0.00	44.02 1.14 0.00	44.09 1.04 0.00	40.01 0.94 0.00	33.36 0.78 0.00	29.11 0.69 0.00
AUBURN___LFGE 323710	32.73 0.06 0.00	30.19 0.05 0.00	31.84 0.02 0.00	30.91 0.06 0.00	37.42 0.15 0.00	48.24 0.33 0.00	38.21 0.24 0.00	44.49 0.13 0.00	29.38 0.00 0.00	23.70 -0.08 0.00	28.33 -0.06 0.00	28.52 -0.07 0.00	26.89 -0.15 0.00	24.55 -0.14 0.00	23.19 -0.17 0.00	22.28 -0.19 0.00	23.46 -0.22 0.00	26.92 -0.22 0.00	31.19 -0.15 0.00	42.82 -0.06 0.00	43.09 0.04 0.00	39.18 0.11 0.00	32.78 0.19 0.00	28.65 0.23 0.00
BABYLON_RES_REC 323704	42.25 1.79 -7.79	39.90 1.51 -8.25	33.64 1.72 -0.10	32.43 1.58 0.00	39.09 1.82 0.00	50.31 2.40 0.00	39.96 1.99 0.00	46.92 2.56 0.00	-4.40 1.82 35.60	23.26 1.41 1.93	28.66 1.89 1.62	28.93 1.78 1.44	27.25 1.76 1.56	24.93 1.55 1.30	23.62 1.54 1.30	22.38 1.60 1.70	23.94 1.77 1.51	28.04 2.13 1.23	32.81 2.26 0.79	45.18 2.74 0.44	45.61 2.63 0.07	41.39 2.33 0.01	34.51 1.93 0.00	30.06 1.83 0.19
BABYLON__69_KV_BK2 356345	42.52 2.06 -7.79	40.16 1.77 -8.25	33.91 1.99 -0.10	32.68 1.83 0.00	39.39 2.12 0.00	50.70 2.79 0.00	40.28 2.31 0.00	47.26 2.90 0.00	-4.17 2.05 35.60	23.42 1.56 1.93	28.87 2.10 1.62	29.14 1.99 1.44	27.42 1.94 1.56	25.10 1.71 1.30	23.77 1.70 1.30	22.56 1.78 1.70	24.13 1.96 1.51	28.29 2.38 1.23	33.11 2.57 0.79	45.60 3.16 0.44	46.02 3.04 0.07	41.78 2.72 0.01	34.84 2.26 0.00	30.32 2.09 0.19
BALL_HILL_WT_PWR 323825	33.26 0.60 0.00	30.68 0.55 0.00	32.41 0.59 0.00	31.38 0.53 0.00	38.14 0.87 0.00	48.71 0.80 0.00	38.60 0.62 0.00	45.00 0.64 0.00	30.07 0.69 0.00	24.21 0.43 0.00	29.28 0.90 0.00	29.57 0.97 0.00	27.57 0.53 0.00	25.32 0.64 0.00	23.83 0.46 0.00	22.93 0.45 0.00	23.99 0.31 0.00	27.18 0.04 0.00	31.18 -0.15 0.00	42.40 -0.47 0.00	42.79 -0.26 0.00	38.64 -0.43 0.00	32.74 0.16 0.00	28.62 0.21 0.00
BARON_WINDS___WT_PWR 323822	32.24 -0.42 0.00	30.02 -0.12 0.00	31.68 -0.14 0.00	30.80 -0.05 0.00	37.35 0.08 0.00	47.77 -0.14 0.00	37.83 -0.14 0.00	44.18 -0.17 0.00	29.30 -0.08 0.00	23.54 -0.24 0.00	28.20 -0.19 0.00	28.44 -0.15 0.00	26.69 -0.35 0.00	24.43 -0.25 0.00	22.98 -0.39 0.00	22.09 -0.39 0.00	23.34 -0.34 0.00	26.68 -0.45 0.00	31.02 -0.32 0.00	42.58 -0.30 0.00	42.94 -0.11 0.00	38.88 -0.19 0.00	32.81 0.23 0.00	28.72 0.30 0.00
BARRETT_IC_1 23704	42.10 1.61 -7.83	39.74 1.35 -8.25	33.47 1.55 -0.10	32.32 1.47 0.00	38.95 1.68 0.00	50.03 2.13 0.00	39.71 1.74 0.00	46.62 2.26 0.00	-4.57 1.65 35.60	23.21 1.36 1.93	28.64 1.87 1.62	28.98 1.83 1.44	27.29 1.80 1.56	24.97 1.59 1.30	23.64 1.57 1.30	22.38 1.61 1.70	23.91 1.74 1.51	27.94 2.03 1.23	32.63 2.08 0.79	44.89 2.45 0.44	45.34 2.35 0.07	41.13 2.06 0.01	34.32 1.74 0.00	29.91 1.67 0.19
BARRETT_IC_10 23701	42.10 1.61 -7.83	39.74 1.35 -8.25	33.47 1.55 -0.10	32.32 1.47 0.00	38.95 1.68 0.00	50.03 2.13 0.00	39.71 1.74 0.00	46.62 2.26 0.00	-4.57 1.65 35.60	23.21 1.36 1.93	28.64 1.87 1.62	28.98 1.83 1.44	27.29 1.80 1.56	24.97 1.59 1.30	23.64 1.57 1.30	22.38 1.61 1.70	23.91 1.74 1.51	27.94 2.03 1.23	32.63 2.08 0.79	44.89 2.45 0.44	45.33 2.35 0.07	41.13 2.06 0.01	34.32 1.74 0.00	29.91 1.67 0.19
BARRETT_IC_11 23702	42.10 1.61 -7.83	39.74 1.35 -8.25	33.47 1.55 -0.10	32.32 1.47 0.00	38.95 1.68 0.00	50.03 2.13 0.00	39.71 1.74 0.00	46.62 2.26 0.00	-4.57 1.65 35.60	23.21 1.36 1.93	28.64 1.87 1.62	28.98 1.83 1.44	27.29 1.80 1.56	24.97 1.59 1.30	23.64 1.57 1.30	22.38 1.61 1.70	23.91 1.74 1.51	27.94 2.03 1.23	32.63 2.08 0.79	44.89 2.45 0.44	45.33 2.35 0.07	41.13 2.06 0.01	34.32 1.74 0.00	29.91 1.67 0.19
BARRETT_IC_12 23703	42.10 1.61 -7.83	39.74 1.35 -8.25	33.47 1.55 -0.10	32.32 1.47 0.00	38.95 1.68 0.00	50.03 2.13 0.00	39.71 1.74 0.00	46.62 2.26 0.00	-4.57 1.65 35.60	23.21 1.36 1.93	28.64 1.87 1.62	28.98 1.83 1.44	27.29 1.80 1.56	24.97 1.59 1.30	23.64 1.57 1.30	22.38 1.61 1.70	23.91 1.74 1.51	27.94 2.03 1.23	32.63 2.08 0.79	44.89 2.45 0.44	45.33 2.35 0.07	41.13 2.06 0.01	34.32 1.74 0.00	29.91 1.67 0.19
BARRETT_IC_2 23705	42.10 1.61 -7.83	39.74 1.35 -8.25	33.47 1.55 -0.10	32.32 1.47 0.00	38.95 1.68 0.00	50.03 2.13 0.00	39.71 1.74 0.00	46.62 2.26 0.00	-4.57 1.65 35.60	23.21 1.36 1.93	28.64 1.87 1.62	28.98 1.83 1.44	27.29 1.80 1.56	24.97 1.59 1.30	23.64 1.57 1.30	22.38 1.61 1.70	23.91 1.74 1.51	27.94 2.03 1.23	32.63 2.08 0.79	44.89 2.45 0.44	45.34 2.35 0.07	41.13 2.06 0.01	34.32 1.74 0.00	29.91 1.67 0.19
BARRETT_IC_3 23706	42.10 1.61 -7.83	39.74 1.35 -8.25	33.47 1.55 -0.10	32.32 1.47 0.00	38.95 1.68 0.00	50.03 2.13 0.00	39.71 1.74 0.00	46.62 2.26 0.00	-4.57 1.65 35.60	23.21 1.36 1.93	28.64 1.87 1.62	28.98 1.83 1.44	27.29 1.80 1.56	24.97 1.59 1.30	23.64 1.57 1.30	22.38 1.61 1.70	23.91 1.74 1.51	27.94 2.03 1.23	32.63 2.08 0.79	44.89 2.45 0.44	45.34 2.35 0.07	41.13 2.06 0.01	34.32 1.74 0.00	29.91 1.67 0.19
BARRETT_IC_4 23707	42.10 1.61 -7.83	39.74 1.35 -8.25	33.47 1.55 -0.10	32.32 1.47 0.00	38.95 1.68 0.00	50.03 2.13 0.00	39.71 1.74 0.00	46.62 2.26 0.00	-4.57 1.65 35.60	23.21 1.36 1.93	28.64 1.87 1.62	28.98 1.83 1.44	27.29 1.80 1.56	24.97 1.59 1.30	23.64 1.57 1.30	22.38 1.61 1.70	23.91 1.74 1.51	27.94 2.03 1.23	32.63 2.08 0.79	44.89 2.45 0.44	45.34 2.35 0.07	41.13 2.06 0.01	34.32 1.74 0.00	29.91 1.67 0.19

BARRETT_IC_5 23708	42.10 1.61 -7.83	39.74 1.35 -8.25	33.47 1.55 -0.10	32.32 1.47 0.00	38.95 1.68 0.00	50.03 2.13 0.00	39.71 1.74 0.00	46.62 2.26 0.00	-4.57 1.65 35.60	23.21 1.36 1.93	28.64 1.87 1.62	28.98 1.83 1.44	27.29 1.80 1.56	24.97 1.59 1.30	23.64 1.57 1.30	22.38 1.61 1.70	23.91 1.74 1.51	27.94 2.03 1.23	32.63 2.08 0.79	44.89 2.45 0.44	45.34 2.35 0.07	41.13 2.06 0.01	34.32 1.74 0.00	29.91 1.67 0.19
BARRETT_IC_6 23709	42.10 1.61 -7.83	39.74 1.35 -8.25	33.47 1.55 -0.10	32.32 1.47 0.00	38.95 1.68 0.00	50.03 2.13 0.00	39.71 1.74 0.00	46.62 2.26 0.00	-4.57 1.65 35.60	23.21 1.36 1.93	28.64 1.87 1.62	28.98 1.83 1.44	27.29 1.80 1.56	24.97 1.59 1.30	23.64 1.57 1.30	22.38 1.61 1.70	23.91 1.74 1.51	27.94 2.03 1.23	32.63 2.08 0.79	44.89 2.45 0.44	45.34 2.35 0.07	41.13 2.06 0.01	34.32 1.74 0.00	29.91 1.67 0.19
BARRETT_IC_7 23710	42.10 1.61 -7.83	39.74 1.34 -8.25	33.47 1.54 -0.10	32.32 1.47 0.00	38.95 1.68 0.00	50.03 2.13 0.00	39.71 1.74 0.00	46.62 2.26 0.00	-4.57 1.65 35.60	23.21 1.35 1.93	28.64 1.87 1.62	28.98 1.83 1.44	27.28 1.79 1.56	24.98 1.59 1.30	23.65 1.58 1.30	22.39 1.62 1.70	23.91 1.74 1.51	27.93 2.02 1.23	32.64 2.09 0.79	44.89 2.45 0.44	45.34 2.36 0.07	41.13 2.07 0.01	34.32 1.74 0.00	29.91 1.67 0.19
BARRETT_IC_8 23711	42.10 1.61 -7.83	39.74 1.35 -8.25	33.47 1.55 -0.10	32.32 1.47 0.00	38.95 1.68 0.00	50.03 2.13 0.00	39.71 1.74 0.00	46.62 2.26 0.00	-4.57 1.65 35.60	23.21 1.36 1.93	28.64 1.87 1.62	28.98 1.83 1.44	27.29 1.80 1.56	24.97 1.59 1.30	23.64 1.57 1.30	22.38 1.61 1.70	23.91 1.74 1.51	27.94 2.03 1.23	32.63 2.08 0.79	44.89 2.45 0.44	45.34 2.35 0.07	41.13 2.06 0.01	34.32 1.74 0.00	29.91 1.67 0.19
BARRETT_IC_9 23700	42.10 1.61 -7.83	39.74 1.35 -8.25	33.47 1.55 -0.10	32.32 1.47 0.00	38.95 1.68 0.00	50.03 2.13 0.00	39.71 1.74 0.00	46.62 2.26 0.00	-4.57 1.65 35.60	23.21 1.36 1.93	28.64 1.87 1.62	28.98 1.83 1.44	27.29 1.80 1.56	24.97 1.59 1.30	23.64 1.57 1.30	22.38 1.61 1.70	23.91 1.74 1.51	27.94 2.03 1.23	32.63 2.08 0.79	44.89 2.45 0.44	45.33 2.35 0.07	41.13 2.06 0.01	34.32 1.74 0.00	29.91 1.67 0.19
BARRETT___1 23545	42.10 1.61 -7.83	39.74 1.35 -8.25	33.47 1.55 -0.10	32.32 1.47 0.00	38.95 1.68 0.00	50.03 2.13 0.00	39.71 1.74 0.00	46.62 2.26 0.00	-4.57 1.65 35.60	23.21 1.36 1.93	28.64 1.87 1.62	28.98 1.83 1.44	27.29 1.80 1.56	24.97 1.59 1.30	23.64 1.57 1.30	22.38 1.61 1.70	23.91 1.74 1.51	27.94 2.03 1.23	32.63 2.08 0.79	44.89 2.45 0.44	45.34 2.35 0.07	41.13 2.06 0.01	34.32 1.74 0.00	29.91 1.67 0.19
BARRETT___2 23546	42.10 1.61 -7.83	39.74 1.35 -8.25	33.47 1.55 -0.10	32.32 1.47 0.00	38.95 1.68 0.00	50.03 2.13 0.00	39.71 1.74 0.00	46.62 2.26 0.00	-4.57 1.65 35.60	23.21 1.36 1.93	28.64 1.87 1.62	28.98 1.83 1.44	27.29 1.80 1.56	24.97 1.59 1.30	23.64 1.57 1.30	22.38 1.61 1.70	23.91 1.74 1.51	27.94 2.03 1.23	32.63 2.08 0.79	44.89 2.45 0.44	45.33 2.35 0.07	41.13 2.06 0.01	34.32 1.74 0.00	29.91 1.67 0.19
BATAVIA__115KV_TB1 55881	32.82 0.15 0.00	30.24 0.10 0.00	31.80 -0.01 0.00	30.73 -0.12 0.00	37.33 0.06 0.00	47.79 -0.11 0.00	37.87 -0.10 0.00	43.75 -0.61 0.00	29.09 -0.29 0.00	23.37 -0.42 0.00	28.20 -0.19 0.00	28.41 -0.18 0.00	26.43 -0.62 0.00	24.32 -0.37 0.00	22.91 -0.45 0.00	21.95 -0.52 0.00	22.95 -0.73 0.00	25.97 -1.17 0.00	29.96 -1.37 0.00	41.13 -1.75 0.00	41.63 -1.42 0.00	37.82 -1.25 0.00	32.16 -0.42 0.00	28.06 -0.35 0.00
BAYONEEC___CTG1 323682	64.32 2.09 -29.56	53.16 1.79 -21.24	35.18 1.97 -1.39	32.82 1.97 0.00	39.71 2.44 0.00	51.07 3.16 0.00	40.68 2.71 0.00	47.78 3.42 0.00	533.86 2.25 -502.22	52.69 1.72 -27.18	53.24 2.00 -22.85	50.86 1.98 -20.28	50.93 1.95 -21.94	44.74 1.74 -18.32	43.37 1.70 -18.30	48.20 1.71 -24.02	46.82 1.88 -21.26	46.67 2.16 -17.36	44.87 2.35 -11.17	52.01 3.00 -6.14	46.99 2.93 -1.02	41.79 2.56 -0.16	34.74 2.14 -0.02	32.95 1.90 -2.63
BAYONEEC___CTG10 323750	64.32 2.09 -29.56	53.16 1.79 -21.24	35.18 1.97 -1.39	32.82 1.97 0.00	39.71 2.44 0.00	51.07 3.16 0.00	40.68 2.71 0.00	47.78 3.42 0.00	533.86 2.25 -502.22	52.69 1.72 -27.18	53.24 2.00 -22.85	50.86 1.98 -20.28	50.93 1.95 -21.94	44.74 1.74 -18.32	43.37 1.70 -18.30	48.20 1.71 -24.02	46.82 1.88 -21.26	46.67 2.16 -17.36	44.87 2.35 -11.17	52.01 3.00 -6.14	46.99 2.93 -1.02	41.79 2.56 -0.16	34.74 2.14 -0.02	32.95 1.90 -2.63
BAYONEEC___CTG2 323683	64.32 2.09 -29.56	53.16 1.79 -21.24	35.18 1.97 -1.39	32.82 1.97 0.00	39.71 2.44 0.00	51.07 3.16 0.00	40.68 2.71 0.00	47.78 3.42 0.00	533.86 2.25 -502.22	52.69 1.72 -27.18	53.24 2.00 -22.85	50.86 1.98 -20.28	50.93 1.95 -21.94	44.74 1.74 -18.32	43.37 1.70 -18.30	48.20 1.71 -24.02	46.82 1.88 -21.26	46.67 2.16 -17.36	44.87 2.35 -11.17	52.01 3.00 -6.14	46.99 2.93 -1.02	41.79 2.56 -0.16	34.74 2.14 -0.02	32.95 1.90 -2.63
BAYONEEC___CTG3 323684	64.32 2.09 -29.56	53.16 1.79 -21.24	35.18 1.97 -1.39	32.82 1.97 0.00	39.71 2.44 0.00	51.07 3.16 0.00	40.68 2.71 0.00	47.78 3.42 0.00	533.86 2.25 -502.22	52.69 1.72 -27.18	53.24 2.00 -22.85	50.86 1.98 -20.28	50.93 1.95 -21.94	44.74 1.74 -18.32	43.37 1.70 -18.30	48.20 1.71 -24.02	46.82 1.88 -21.26	46.67 2.16 -17.36	44.87 2.35 -11.17	52.01 3.00 -6.14	46.99 2.93 -1.02	41.79 2.56 -0.16	34.74 2.14 -0.02	32.95 1.90 -2.63
BAYONEEC___CTG4 323685	64.32 2.09 -29.56	53.16 1.79 -21.24	35.18 1.97 -1.39	32.82 1.97 0.00	39.71 2.44 0.00	51.07 3.16 0.00	40.68 2.71 0.00	47.78 3.42 0.00	533.86 2.25 -502.22	52.69 1.72 -27.18	53.24 2.00 -22.85	50.86 1.98 -20.28	50.93 1.95 -21.94	44.74 1.74 -18.32	43.37 1.70 -18.30	48.20 1.71 -24.02	46.82 1.88 -21.26	46.67 2.16 -17.36	44.87 2.35 -11.17	52.01 3.00 -6.14	46.99 2.93 -1.02	41.79 2.56 -0.16	34.74 2.14 -0.02	32.95 1.90 -2.63
BAYONEEC___CTG5 323686	64.32 2.09 -29.56	53.16 1.79 -21.24	35.18 1.97 -1.39	32.82 1.97 0.00	39.71 2.44 0.00	51.07 3.16 0.00	40.68 2.71 0.00	47.78 3.42 0.00	533.86 2.25 -502.22	52.69 1.72 -27.18	53.24 2.00 -22.85	50.86 1.98 -20.28	50.93 1.95 -21.94	44.74 1.74 -18.32	43.37 1.70 -18.30	48.20 1.71 -24.02	46.82 1.88 -21.26	46.67 2.16 -17.36	44.87 2.35 -11.17	52.01 3.00 -6.14	46.99 2.93 -1.02	41.79 2.56 -0.16	34.74 2.14 -0.02	32.95 1.90 -2.63
BAYONEEC___CTG6 323687	64.32 2.09 -29.56	53.16 1.79 -21.24	35.18 1.97 -1.39	32.82 1.97 0.00	39.71 2.44 0.00	51.07 3.16 0.00	40.68 2.71 0.00	47.78 3.42 0.00	533.86 2.25 -502.22	52.69 1.72 -27.18	53.24 2.00 -22.85	50.86 1.98 -20.28	50.93 1.95 -21.94	44.74 1.74 -18.32	43.37 1.70 -18.30	48.20 1.71 -24.02	46.82 1.88 -21.26	46.67 2.16 -17.36	44.87 2.35 -11.17	52.01 3.00 -6.14	46.99 2.93 -1.02	41.79 2.56 -0.16	34.74 2.14 -0.02	32.95 1.90 -2.63

BAYONEEC___CTG7 323688	64.32 2.09 -29.56	53.16 1.79 -21.24	35.18 1.97 -1.39	32.82 1.97 0.00	39.71 2.44 0.00	51.07 3.16 0.00	40.68 2.71 0.00	47.78 3.42 0.00	533.86 2.25 -502.22	52.69 1.72 -27.18	53.24 2.00 -22.85	50.86 1.98 -20.28	50.93 1.95 -21.94	44.74 1.74 -18.32	43.37 1.70 -18.30	48.20 1.71 -24.02	46.82 1.88 -21.26	46.67 2.16 -17.36	44.87 2.35 -11.17	52.01 3.00 -6.14	46.99 2.93 -1.02	41.79 2.56 -0.16	34.74 2.14 -0.02	32.95 1.90 -2.63
BAYONEEC___CTG8 323689	64.32 2.09 -29.56	53.16 1.79 -21.24	35.18 1.97 -1.39	32.82 1.97 0.00	39.71 2.44 0.00	51.07 3.16 0.00	40.68 2.71 0.00	47.78 3.42 0.00	533.86 2.25 -502.22	52.69 1.72 -27.18	53.24 2.00 -22.85	50.86 1.98 -20.28	50.93 1.95 -21.94	44.74 1.74 -18.32	43.37 1.70 -18.30	48.20 1.71 -24.02	46.82 1.88 -21.26	46.67 2.16 -17.36	44.87 2.35 -11.17	52.01 3.00 -6.14	46.99 2.93 -1.02	41.79 2.56 -0.16	34.74 2.14 -0.02	32.95 1.90 -2.63
BAYONEEC___CTG9 323749	64.32 2.09 -29.56	53.16 1.79 -21.24	35.18 1.97 -1.39	32.82 1.97 0.00	39.71 2.44 0.00	51.07 3.16 0.00	40.68 2.71 0.00	47.78 3.42 0.00	533.86 2.25 -502.22	52.69 1.72 -27.18	53.24 2.00 -22.85	50.86 1.98 -20.28	50.93 1.95 -21.94	44.74 1.74 -18.32	43.37 1.70 -18.30	48.20 1.71 -24.02	46.82 1.88 -21.26	46.67 2.16 -17.36	44.87 2.35 -11.17	52.01 3.00 -6.14	46.99 2.93 -1.02	41.79 2.56 -0.16	34.74 2.14 -0.02	32.95 1.90 -2.63
BEACON___LESR 323632	33.55 0.87 0.00	30.83 0.69 0.00	32.51 0.68 0.00	31.61 0.76 0.00	38.14 0.87 0.00	49.07 1.16 0.00	39.07 1.10 0.00	45.65 1.29 0.00	30.20 0.82 0.00	24.46 0.68 0.00	29.10 0.71 0.00	29.22 0.62 0.00	27.68 0.64 0.00	25.22 0.53 0.00	23.96 0.59 0.00	23.09 0.61 0.00	24.42 0.74 0.00	28.19 1.04 0.00	32.50 1.16 0.00	44.25 1.37 0.00	44.14 1.09 0.00	40.10 1.03 0.00	33.47 0.89 0.00	29.20 0.78 0.00
BEAVER RIVER___HYD 24048	32.84 -0.42 -0.59	30.07 -0.07 0.00	31.89 0.07 0.00	33.37 -0.19 -2.71	37.44 -0.45 -0.62	47.49 -0.41 0.00	37.84 -0.13 0.00	43.91 -0.44 0.00	28.63 -0.75 0.00	22.54 -1.24 0.00	26.64 -1.75 0.00	28.05 -1.29 -0.75	26.74 -1.04 -0.74	26.50 -1.00 -2.82	23.51 -1.21 -1.35	22.89 -1.10 -1.50	24.49 -1.03 -1.85	26.22 -0.92 0.00	31.01 -0.33 0.00	43.48 0.60 0.00	43.75 0.69 0.00	39.06 -0.01 0.00	32.12 -0.46 0.00	28.02 -0.40 0.00
BEEBEE_GT_13 23619	32.42 -0.25 0.00	29.89 -0.26 0.00	31.46 -0.36 0.00	30.46 -0.40 0.00	36.91 -0.36 0.00	47.30 -0.61 0.00	37.50 -0.47 0.00	43.53 -0.83 0.00	28.97 -0.41 0.00	23.42 -0.36 0.00	28.21 -0.18 0.00	28.48 -0.11 0.00	26.67 -0.38 0.00	24.46 -0.23 0.00	23.08 -0.29 0.00	22.13 -0.35 0.00	23.20 -0.48 0.00	26.37 -0.76 0.00	30.34 -1.00 0.00	41.44 -1.43 0.00	41.73 -1.32 0.00	37.89 -1.18 0.00	31.98 -0.61 0.00	27.91 -0.51 0.00
BENSHRST_27_KV_BENSHRST_1 355998	177.10 2.42 -142.01	57.82 2.14 -25.55	50.37 2.42 -16.13	50.81 2.39 -17.57	50.99 2.84 -10.88	55.04 3.60 -3.53	49.32 3.21 -8.14	54.65 4.06 -6.22	647.56 2.63 -615.55	58.90 2.00 -33.12	58.58 2.36 -27.83	55.66 2.36 -24.71	56.09 2.32 -26.73	50.06 2.11 -23.27	48.52 2.01 -23.14	53.72 1.98 -29.26	51.73 2.15 -25.91	50.79 2.50 -21.16	49.68 2.81 -15.53	54.13 3.55 -7.71	55.33 3.53 -8.76	49.99 3.18 -7.73	49.39 2.65 -14.16	48.59 2.16 -18.01
BETHLEHEM___GRP 23843	32.82 0.15 0.00	30.30 0.16 0.00	31.98 0.16 0.00	31.06 0.21 0.00	37.43 0.16 0.00	48.13 0.22 0.00	38.26 0.29 0.00	44.78 0.43 0.00	29.68 0.31 0.00	24.08 0.30 0.00	28.65 0.26 0.00	28.83 0.24 0.00	27.35 0.30 0.00	24.91 0.23 0.00	23.64 0.27 0.00	22.80 0.32 0.00	24.08 0.40 0.00	27.64 0.50 0.00	31.83 0.49 0.00	43.32 0.44 0.00	43.32 0.27 0.00	39.39 0.32 0.00	32.85 0.27 0.00	28.67 0.25 0.00
BETHLEHEM___GS1 323560	32.83 0.16 0.00	30.30 0.16 0.00	31.97 0.15 0.00	31.06 0.21 0.00	37.43 0.16 0.00	48.13 0.22 0.00	38.26 0.29 0.00	44.78 0.42 0.00	29.68 0.30 0.00	24.09 0.30 0.00	28.65 0.26 0.00	28.83 0.23 0.00	27.35 0.30 0.00	24.91 0.23 0.00	23.64 0.27 0.00	22.79 0.31 0.00	24.08 0.40 0.00	27.64 0.50 0.00	31.83 0.49 0.00	43.32 0.44 0.00	43.33 0.27 0.00	39.39 0.32 0.00	32.86 0.27 0.00	28.67 0.25 0.00
BETHLEHEM___GS2 323561	32.83 0.16 0.00	30.30 0.16 0.00	31.97 0.15 0.00	31.06 0.21 0.00	37.43 0.16 0.00	48.13 0.22 0.00	38.26 0.29 0.00	44.78 0.42 0.00	29.68 0.30 0.00	24.09 0.30 0.00	28.65 0.26 0.00	28.83 0.23 0.00	27.35 0.30 0.00	24.91 0.23 0.00	23.64 0.27 0.00	22.79 0.31 0.00	24.08 0.40 0.00	27.64 0.50 0.00	31.83 0.49 0.00	43.32 0.44 0.00	43.33 0.27 0.00	39.39 0.32 0.00	32.86 0.27 0.00	28.67 0.25 0.00
BETHLEHEM___GS3 323562	32.83 0.16 0.00	30.30 0.16 0.00	31.97 0.15 0.00	31.06 0.21 0.00	37.43 0.16 0.00	48.13 0.22 0.00	38.26 0.29 0.00	44.78 0.42 0.00	29.68 0.30 0.00	24.09 0.30 0.00	28.65 0.26 0.00	28.83 0.23 0.00	27.35 0.30 0.00	24.91 0.23 0.00	23.64 0.27 0.00	22.79 0.31 0.00	24.08 0.40 0.00	27.64 0.50 0.00	31.83 0.49 0.00	43.32 0.44 0.00	43.33 0.27 0.00	39.39 0.32 0.00	32.86 0.27 0.00	28.67 0.25 0.00
BETHLEHEM___STEEL 23779	32.50 -0.17 0.00	29.97 -0.17 0.00	31.53 -0.29 0.00	30.49 -0.36 0.00	37.03 -0.24 0.00	47.21 -0.69 0.00	37.34 -0.64 0.00	43.27 -1.09 0.00	29.03 -0.35 0.00	23.45 -0.33 0.00	28.42 0.03 0.00	28.71 0.12 0.00	26.74 -0.30 0.00	24.60 -0.08 0.00	23.17 -0.20 0.00	22.23 -0.25 0.00	23.27 -0.41 0.00	26.28 -0.87 0.00	30.06 -1.28 0.00	40.86 -2.01 0.00	41.21 -1.84 0.00	37.43 -1.64 0.00	31.90 -0.68 0.00	27.88 -0.54 0.00
BETHLHEM_115KV_TB1 79974	32.92 0.25 0.00	30.38 0.25 0.00	32.07 0.25 0.00	31.15 0.30 0.00	37.54 0.27 0.00	48.27 0.37 0.00	38.37 0.40 0.00	44.91 0.55 0.00	29.76 0.38 0.00	24.14 0.35 0.00	28.73 0.34 0.00	28.90 0.31 0.00	27.42 0.38 0.00	24.98 0.30 0.00	23.69 0.33 0.00	22.84 0.36 0.00	24.13 0.46 0.00	27.69 0.55 0.00	31.90 0.56 0.00	43.42 0.55 0.00	43.45 0.40 0.00	39.50 0.43 0.00	32.93 0.35 0.00	28.75 0.33 0.00
BETHPAGE_CC_5 323564	42.21 1.75 -7.79	39.86 1.47 -8.25	33.59 1.67 -0.10	32.42 1.56 0.00	39.09 1.82 0.00	50.30 2.39 0.00	39.95 1.98 0.00	46.91 2.55 0.00	-4.40 1.83 35.60	23.32 1.46 1.93	28.71 1.94 1.62	29.01 1.85 1.44	27.32 1.83 1.56	24.99 1.61 1.30	23.68 1.61 1.30	22.43 1.66 1.70	23.98 1.81 1.51	28.05 2.14 1.23	32.74 2.19 0.79	45.08 2.64 0.44	45.49 2.51 0.07	41.28 2.22 0.01	34.42 1.83 0.00	29.98 1.74 0.19
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.60 -0.07 0.00	30.06 -0.08 0.00	31.63 -0.19 0.00	30.59 -0.26 0.00	37.13 -0.14 0.00	47.38 -0.53 0.00	37.47 -0.50 0.00	43.45 -0.91 0.00	29.16 -0.23 0.00	23.54 -0.24 0.00	28.52 0.13 0.00	28.82 0.22 0.00	26.85 -0.20 0.00	24.69 0.01 0.00	23.26 -0.11 0.00	22.31 -0.17 0.00	23.36 -0.32 0.00	26.38 -0.76 0.00	30.18 -1.16 0.00	41.03 -1.85 0.00	41.37 -1.68 0.00	37.57 -1.51 0.00	32.02 -0.56 0.00	27.98 -0.44 0.00

BINGHAMTON___COGEN 23790	32.97 0.30 0.00	30.39 0.25 0.00	32.09 0.27 0.00	31.18 0.33 0.00	37.78 0.51 0.00	48.51 0.61 0.00	38.49 0.52 0.00	45.07 0.71 0.00	29.84 0.45 0.00	24.07 0.28 0.00	28.77 0.38 0.00	28.96 0.37 0.00	27.34 0.30 0.00	24.97 0.29 0.00	23.60 0.23 0.00	22.66 0.18 0.00	23.90 0.22 0.00	27.39 0.25 0.00	31.67 0.33 0.00	43.30 0.42 0.00	43.51 0.46 0.00	39.39 0.31 0.00	32.98 0.40 0.00	28.85 0.43 0.00
BIXINCNT_115KV_LOAD 355685	33.09 0.42 0.00	30.59 0.45 0.00	32.22 0.41 0.00	31.26 0.41 0.00	37.67 0.40 0.00	48.05 0.14 0.00	38.16 0.19 0.00	44.52 0.16 0.00	29.91 0.53 0.00	24.15 0.37 0.00	29.15 0.76 0.00	29.47 0.88 0.00	27.50 0.46 0.00	25.18 0.50 0.00	23.67 0.30 0.00	22.75 0.27 0.00	23.93 0.25 0.00	27.06 -0.08 0.00	30.98 -0.36 0.00	42.12 -0.76 0.00	42.48 -0.57 0.00	38.49 -0.58 0.00	32.75 0.16 0.00	28.65 0.23 0.00
BLACK RIVER___HYD 24047	32.67 -0.41 -0.41	30.20 0.06 0.00	31.95 0.13 0.00	32.55 -0.17 -1.87	37.25 -0.45 -0.43	47.49 -0.42 0.00	37.96 -0.02 0.00	43.94 -0.42 0.00	28.41 -0.97 0.00	22.23 -1.55 0.00	26.31 -2.08 0.00	27.56 -1.55 -0.52	26.33 -1.23 -0.51	25.40 -1.23 -1.95	22.83 -1.47 -0.93	22.18 -1.34 -1.04	23.65 -1.30 -1.28	25.97 -1.17 0.00	30.82 -0.52 0.00	43.58 0.70 0.00	43.88 0.83 0.00	39.08 0.00 0.00	32.09 -0.49 0.00	28.05 -0.37 0.00
BLACKRVR_115KV_TB2 79977	32.67 -0.41 -0.41	30.20 0.06 0.00	31.95 0.13 0.00	32.54 -0.18 -1.87	37.25 -0.45 -0.43	47.49 -0.42 0.00	37.96 -0.02 0.00	43.94 -0.42 0.00	28.42 -0.97 0.00	22.23 -1.55 0.00	26.31 -2.08 0.00	27.56 -1.55 -0.52	26.33 -1.23 -0.51	25.40 -1.24 -1.95	22.83 -1.47 -0.93	22.18 -1.34 -1.04	23.65 -1.30 -1.28	25.97 -1.17 0.00	30.82 -0.51 0.00	43.58 0.70 0.00	43.88 0.83 0.00	39.08 0.00 0.00	32.09 -0.49 0.00	28.05 -0.37 0.00
BLISS_WT_PWR 323608	33.04 0.37 0.00	30.57 0.43 0.00	32.19 0.38 0.00	31.24 0.39 0.00	37.57 0.30 0.00	47.94 0.03 0.00	38.11 0.14 0.00	44.49 0.13 0.00	29.93 0.55 0.00	24.16 0.38 0.00	29.17 0.78 0.00	29.50 0.91 0.00	27.50 0.45 0.00	25.21 0.52 0.00	23.68 0.31 0.00	22.81 0.33 0.00	23.93 0.25 0.00	27.07 -0.07 0.00	31.01 -0.33 0.00	42.15 -0.73 0.00	42.50 -0.54 0.00	38.52 -0.55 0.00	32.76 0.18 0.00	28.66 0.24 0.00
BLUESTONE___WT_PWR 323821	32.13 -0.54 0.00	29.43 -0.71 0.00	31.13 -0.69 0.00	30.55 -0.30 0.00	37.68 0.41 0.00	49.61 1.70 0.00	39.60 1.63 0.00	47.29 2.94 0.00	30.54 1.16 0.00	24.36 0.58 0.00	28.37 -0.02 0.00	28.35 -0.25 0.00	26.97 -0.07 0.00	24.53 -0.16 0.00	23.11 -0.26 0.00	22.14 -0.33 0.00	23.53 -0.14 0.00	27.55 0.41 0.00	32.65 1.31 0.00	45.44 2.56 0.00	45.91 2.86 0.00	41.48 2.40 0.00	34.72 2.14 0.00	30.27 1.85 0.00
BLUE_CIRC_CHEM_DRP 24182	33.29 0.62 0.00	30.72 0.58 0.00	32.43 0.61 0.00	31.50 0.65 0.00	38.00 0.73 0.00	48.82 0.91 0.00	38.74 0.77 0.00	45.22 0.86 0.00	29.80 0.42 0.00	24.13 0.35 0.00	28.74 0.34 0.00	28.91 0.32 0.00	27.42 0.38 0.00	25.00 0.32 0.00	23.70 0.33 0.00	22.84 0.36 0.00	24.15 0.47 0.00	27.75 0.61 0.00	32.12 0.79 0.00	43.85 0.98 0.00	43.92 0.86 0.00	39.89 0.82 0.00	33.27 0.69 0.00	29.01 0.59 0.00
BOC_GAS_DRP 24189	33.12 0.45 0.00	30.54 0.40 0.00	32.26 0.44 0.00	31.33 0.48 0.00	37.79 0.52 0.00	48.58 0.67 0.00	38.58 0.60 0.00	45.17 0.81 0.00	29.91 0.53 0.00	24.26 0.47 0.00	28.90 0.51 0.00	29.09 0.50 0.00	27.58 0.54 0.00	25.14 0.45 0.00	23.84 0.47 0.00	22.98 0.50 0.00	24.25 0.57 0.00	27.80 0.66 0.00	32.01 0.67 0.00	43.64 0.76 0.00	43.70 0.65 0.00	39.70 0.63 0.00	33.11 0.53 0.00	28.89 0.47 0.00
BOONVILLE_115KV_TB1 79983	33.23 0.33 -0.23	30.57 0.43 0.00	32.35 0.54 0.00	32.34 0.43 -1.06	37.91 0.40 -0.24	48.54 0.63 0.00	38.66 0.69 0.00	45.05 0.69 0.00	29.55 0.17 0.00	23.57 -0.21 0.00	27.96 -0.43 0.00	28.68 -0.21 -0.30	27.20 -0.13 -0.29	25.63 -0.16 -1.11	23.60 -0.29 -0.53	22.82 -0.24 -0.59	24.23 -0.17 -0.72	27.15 0.01 0.00	31.82 0.48 0.00	44.03 1.16 0.00	44.23 1.17 0.00	39.79 0.72 0.00	32.97 0.39 0.00	28.73 0.31 0.00
BORALEX_4TH_BRANCH 23824	33.62 0.95 0.00	30.99 0.85 0.00	32.73 0.91 0.00	31.76 0.91 0.00	38.33 1.06 0.00	49.21 1.30 0.00	38.97 1.00 0.00	45.78 1.42 0.00	30.33 0.94 0.00	24.60 0.81 0.00	29.20 0.81 0.00	29.29 0.70 0.00	27.82 0.78 0.00	25.29 0.60 0.00	24.00 0.63 0.00	23.18 0.70 0.00	24.45 0.77 0.00	28.14 0.99 0.00	32.37 1.03 0.00	44.12 1.24 0.00	44.09 1.04 0.00	40.15 1.08 0.00	33.56 0.97 0.00	29.23 0.81 0.00
BOWLINE___1 23526	32.28 1.30 1.68	29.23 1.09 2.01	33.08 1.27 0.00	32.14 1.29 0.00	38.90 1.63 0.00	50.04 2.13 0.00	39.84 1.86 0.00	46.75 2.39 0.00	30.96 1.58 0.00	25.00 1.21 0.00	29.75 1.36 0.00	29.94 1.35 0.00	28.39 1.34 0.00	25.87 1.19 0.00	24.54 1.17 0.00	23.66 1.18 0.00	25.01 1.34 0.00	28.69 1.55 0.00	33.01 1.67 0.00	44.97 2.10 0.00	45.11 2.06 0.00	40.82 1.75 0.00	34.03 1.44 0.00	29.72 1.30 0.00
BOWLINE___2 23595	32.28 1.30 1.69	29.24 1.11 2.01	33.09 1.27 0.00	32.16 1.31 0.00	38.91 1.65 0.00	50.05 2.14 0.00	39.85 1.88 0.00	46.76 2.40 0.00	30.97 1.59 0.00	25.01 1.22 0.00	29.76 1.37 0.00	29.95 1.36 0.00	28.40 1.35 0.00	25.88 1.20 0.00	24.55 1.19 0.00	23.67 1.19 0.00	25.02 1.34 0.00	28.69 1.55 0.00	33.01 1.67 0.00	44.98 2.10 0.00	45.11 2.06 0.00	40.82 1.75 0.00	34.03 1.44 0.00	29.72 1.30 0.00
BRADY___115KV_TB2 356060	34.06 0.63 -0.76	30.79 0.65 0.00	32.42 0.60 0.00	34.82 0.49 -3.48	38.68 0.62 -0.79	48.79 0.89 0.00	38.31 0.33 0.00	44.37 0.01 0.00	29.29 -0.09 0.00	23.58 -0.20 0.00	28.11 -0.29 0.00	29.31 -0.25 -0.97	27.71 -0.29 -0.95	28.09 -0.22 -3.63	24.87 -0.23 -1.74	24.16 -0.25 -1.93	25.77 -0.29 -2.38	26.84 -0.30 0.00	31.21 -0.13 0.00	43.34 0.46 0.00	43.83 0.77 0.00	39.81 0.74 0.00	33.02 0.44 0.00	28.69 0.27 0.00
BRANSCOMB___SOLAR 323811	33.86 1.20 0.00	31.21 1.07 0.00	32.93 1.12 0.00	31.95 1.10 0.00	38.74 1.47 0.00	50.15 2.24 0.00	39.85 1.88 0.00	46.65 2.29 0.00	31.24 1.86 0.00	25.04 1.25 0.00	29.54 1.15 0.00	29.55 0.96 0.00	27.75 0.71 0.00	25.19 0.51 0.00	23.91 0.54 0.00	23.10 0.63 0.00	24.46 0.78 0.00	28.21 1.06 0.00	32.72 1.39 0.00	44.76 1.88 0.00	44.84 1.79 0.00	40.71 1.64 0.00	33.88 1.30 0.00	29.49 1.07 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	42.37 1.91 -7.79	40.06 1.67 -8.25	33.78 1.86 -0.10	32.57 1.72 0.00	39.23 1.96 0.00	50.49 2.58 0.00	40.05 2.08 0.00	46.96 2.60 0.00	-4.33 1.90 35.60	23.28 1.43 1.93	28.76 1.99 1.62	29.06 1.90 1.44	27.33 1.85 1.56	25.03 1.65 1.30	23.70 1.63 1.30	22.49 1.71 1.70	24.05 1.88 1.51	28.17 2.26 1.23	32.94 2.39 0.79	45.35 2.91 0.44	45.71 2.73 0.07	41.53 2.47 0.01	34.68 2.10 0.00	30.20 1.97 0.19



BRISTLHL_115KV_TB1 79998	31.95 -0.72 0.00	29.48 -0.66 0.00	31.09 -0.73 0.00	30.17 -0.68 0.00	36.44 -0.82 0.00	46.82 -1.09 0.00	37.20 -0.78 0.00	43.42 -0.94 0.00	28.72 -0.66 0.00	23.27 -0.51 0.00	27.84 -0.54 0.00	28.01 -0.58 0.00	26.45 -0.59 0.00	24.16 -0.52 0.00	22.83 -0.54 0.00	21.91 -0.57 0.00	23.04 -0.64 0.00	26.40 -0.74 0.00	30.51 -0.83 0.00	41.84 -1.03 0.00	42.03 -1.02 0.00	38.11 -0.97 0.00	31.85 -0.73 0.00	27.82 -0.60 0.00
BROOKHAVEN___DRP 24191	41.68 1.22 -7.79	39.53 1.14 -8.25	33.21 1.30 -0.10	31.95 1.10 0.00	38.44 1.17 0.00	49.52 1.61 0.00	39.37 1.39 0.00	46.14 1.78 0.00	-4.90 1.32 35.60	1.12 0.95 23.61	4.97 1.46 24.88	22.21 1.42 7.80	14.65 1.37 13.76	8.45 1.19 17.42	17.98 1.20 6.58	22.10 1.33 1.70	23.64 1.47 1.51	27.68 1.77 1.23	32.36 1.82 0.79	44.58 2.14 0.44	44.92 1.94 0.07	40.85 1.79 0.01	34.18 1.60 0.00	29.77 1.54 0.19
BROOKLYN_NAVY_YARD 23515	64.44 2.21 -29.56	53.28 1.90 -21.24	35.29 2.08 -1.39	32.93 2.08 0.00	39.83 2.56 0.00	51.24 3.33 0.00	40.80 2.83 0.00	47.90 3.54 0.00	533.94 2.34 -502.22	52.78 1.82 -27.18	53.29 2.06 -22.85	50.91 2.03 -20.28	51.03 2.04 -21.94	44.83 1.83 -18.32	43.45 1.79 -18.30	48.28 1.78 -24.02	46.90 1.96 -21.26	46.78 2.27 -17.36	45.00 2.48 -11.17	52.16 3.15 -6.14	47.18 3.12 -1.02	41.92 2.69 -0.16	34.86 2.26 -0.02	33.08 2.03 -2.63
BROOKLYN___ARMY_DRP 323595	176.94 2.26 -142.01	57.68 1.99 -25.55	50.22 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.82 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.41 2.48 -615.55	58.77 1.87 -33.12	58.43 2.21 -27.83	55.51 2.20 -24.71	55.95 2.18 -26.73	49.93 1.97 -23.27	48.40 1.89 -23.14	53.61 1.86 -29.26	51.61 2.02 -25.91	50.65 2.35 -21.16	49.51 2.64 -15.53	53.90 3.31 -7.71	55.10 3.28 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.44 2.02 -18.01
BROOKVLE_69_KV_TB1 55790	42.42 1.95 -7.80	40.06 1.67 -8.25	33.78 1.86 -0.10	32.67 1.82 0.00	39.45 2.18 0.00	50.76 2.85 0.00	40.38 2.41 0.00	47.43 3.07 0.00	-4.12 2.10 35.60	23.53 1.67 1.93	28.86 2.09 1.62	29.18 2.03 1.44	27.48 2.00 1.56	25.17 1.78 1.30	23.83 1.75 1.30	22.55 1.78 1.70	24.11 1.94 1.51	28.18 2.27 1.23	32.97 2.43 0.79	45.38 2.94 0.44	45.82 2.84 0.07	41.62 2.56 0.01	34.67 2.09 0.00	30.13 1.90 0.19
BROOME_2_LFGE 323671	32.97 0.30 0.00	30.39 0.25 0.00	32.09 0.28 0.00	31.18 0.33 0.00	37.78 0.51 0.00	48.51 0.61 0.00	38.50 0.52 0.00	45.07 0.71 0.00	29.83 0.45 0.00	24.07 0.28 0.00	28.77 0.38 0.00	28.96 0.37 0.00	27.34 0.29 0.00	24.98 0.30 0.00	23.60 0.23 0.00	22.67 0.19 0.00	23.89 0.21 0.00	27.39 0.25 0.00	31.67 0.33 0.00	43.29 0.42 0.00	43.51 0.46 0.00	39.39 0.32 0.00	32.98 0.40 0.00	28.85 0.43 0.00
BROOME___LFGE 323600	32.97 0.30 0.00	30.39 0.25 0.00	32.09 0.28 0.00	31.18 0.33 0.00	37.78 0.51 0.00	48.51 0.61 0.00	38.50 0.52 0.00	45.07 0.71 0.00	29.83 0.45 0.00	24.07 0.28 0.00	28.77 0.38 0.00	28.96 0.37 0.00	27.34 0.29 0.00	24.98 0.30 0.00	23.60 0.23 0.00	22.67 0.19 0.00	23.89 0.21 0.00	27.39 0.25 0.00	31.67 0.33 0.00	43.29 0.42 0.00	43.51 0.46 0.00	39.39 0.32 0.00	32.98 0.40 0.00	28.85 0.43 0.00
BROWNFLS_115KV_TB_3_5 80003	33.25 -0.48 -1.06	29.91 -0.23 0.00	31.63 -0.19 0.00	35.34 -0.38 -4.87	37.80 -0.58 -1.11	47.30 -0.60 0.00	37.45 -0.52 0.00	43.46 -0.90 0.00	28.51 -0.87 0.00	22.66 -1.12 0.00	26.86 -1.53 0.00	28.69 -1.26 -1.35	27.27 -1.11 -1.34	28.73 -1.02 -5.07	24.67 -1.13 -2.43	24.12 -1.06 -2.70	25.95 -1.05 -3.32	26.11 -1.03 0.00	30.69 -0.65 0.00	42.85 -0.03 0.00	43.18 0.13 0.00	38.83 -0.24 0.00	32.03 -0.56 0.00	27.88 -0.54 0.00
BROWNSV1_27_KV_LOAD 356125	64.61 2.38 -29.56	53.42 2.04 -21.24	35.43 2.21 -1.39	33.06 2.21 0.00	40.01 2.74 0.00	51.47 3.57 0.00	41.03 3.06 0.00	48.21 3.85 0.00	534.14 2.54 -502.22	52.91 1.95 -27.18	53.53 2.30 -22.85	51.15 2.27 -20.28	51.17 2.19 -21.94	44.96 1.96 -18.32	43.59 1.92 -18.30	48.41 1.92 -24.02	47.03 2.09 -21.26	46.92 2.41 -17.36	45.16 2.65 -11.17	52.42 3.41 -6.14	47.42 3.36 -1.02	42.18 2.95 -0.16	35.05 2.45 -0.02	33.19 2.15 -2.63
BURROWS___LYONSDAL 23803	33.05 0.08 -0.30	30.39 0.25 0.00	32.21 0.39 0.00	32.47 0.24 -1.38	37.72 0.13 -0.31	48.21 0.30 0.00	38.41 0.44 0.00	44.72 0.36 0.00	29.30 -0.08 0.00	23.28 -0.50 0.00	27.58 -0.81 0.00	28.47 -0.51 -0.38	27.04 -0.39 -0.38	25.73 -0.56 -1.44	23.50 -0.48 -0.69	22.76 -0.48 -0.77	24.21 -0.41 -0.94	26.91 -0.23 0.00	31.62 0.28 0.00	43.90 1.02 0.00	44.09 1.04 0.00	39.56 0.49 0.00	32.71 0.13 0.00	28.50 0.09 0.00
CAITHNESS_CC_1 323624	41.75 1.29 -7.79	39.56 1.17 -8.25	33.27 1.35 -0.10	32.02 1.17 0.00	38.51 1.24 0.00	49.60 1.69 0.00	39.41 1.44 0.00	46.21 1.85 0.00	-4.84 1.38 35.60	1.18 1.01 23.61	5.02 1.51 24.88	22.25 1.45 7.80	14.70 1.43 13.76	8.49 1.23 17.42	18.03 1.24 6.58	22.14 1.36 1.70	23.68 1.51 1.51	27.73 1.83 1.23	32.39 1.85 0.79	44.63 2.19 0.44	44.96 1.98 0.07	40.89 1.83 0.01	34.20 1.62 0.00	29.80 1.57 0.19
CALPINE BETH_PAGE_GT4 24209	42.15 1.68 -7.80	39.80 1.41 -8.25	33.52 1.60 -0.10	32.36 1.52 0.00	39.02 1.75 0.00	50.22 2.31 0.00	39.90 1.93 0.00	46.84 2.48 0.00	-4.46 1.77 35.60	23.29 1.43 1.93	28.67 1.90 1.62	28.98 1.82 1.44	27.28 1.79 1.56	24.97 1.58 1.30	23.65 1.58 1.30	22.41 1.64 1.70	23.95 1.78 1.51	28.01 2.10 1.23	32.63 2.08 0.79	44.93 2.49 0.44	45.35 2.37 0.07	41.14 2.08 0.01	34.29 1.71 0.00	29.87 1.63 0.19
CALPINE_BETH_PAGE_GT_4 323586	42.15 1.69 -7.80	39.80 1.41 -8.25	33.53 1.61 -0.10	32.36 1.51 0.00	39.03 1.75 0.00	50.22 2.31 0.00	39.90 1.93 0.00	46.83 2.48 0.00	-4.46 1.77 35.60	23.30 1.44 1.93	28.67 1.90 1.62	28.98 1.82 1.44	27.29 1.80 1.56	24.97 1.58 1.30	23.65 1.57 1.30	22.40 1.63 1.70	23.95 1.78 1.51	28.02 2.10 1.23	32.62 2.07 0.79	44.93 2.49 0.44	45.34 2.36 0.07	41.13 2.07 0.01	34.29 1.71 0.00	29.86 1.63 0.19
CALPINE_BP_GT1 23823	42.15 1.69 -7.80	39.80 1.41 -8.25	33.53 1.61 -0.10	32.36 1.51 0.00	39.03 1.75 0.00	50.22 2.31 0.00	39.90 1.93 0.00	46.83 2.48 0.00	-4.46 1.77 35.60	23.30 1.44 1.93	28.67 1.90 1.62	28.98 1.82 1.44	27.29 1.80 1.56	24.97 1.58 1.30	23.65 1.57 1.30	22.40 1.63 1.70	23.95 1.78 1.51	28.02 2.10 1.23	32.62 2.07 0.79	44.93 2.49 0.44	45.34 2.36 0.07	41.13 2.07 0.01	34.29 1.71 0.00	29.86 1.63 0.19
CALSPAN___DRP 24200	32.50 -0.17 0.00	29.97 -0.17 0.00	31.53 -0.29 0.00	30.49 -0.36 0.00	37.03 -0.24 0.00	47.21 -0.69 0.00	37.34 -0.64 0.00	43.27 -1.09 0.00	29.03 -0.35 0.00	23.45 -0.33 0.00	28.42 0.03 0.00	28.71 0.12 0.00	26.74 -0.30 0.00	24.60 -0.08 0.00	23.17 -0.20 0.00	22.23 -0.25 0.00	23.27 -0.41 0.00	26.28 -0.87 0.00	30.06 -1.28 0.00	40.86 -2.01 0.00	41.21 -1.84 0.00	37.43 -1.64 0.00	31.90 -0.68 0.00	27.88 -0.54 0.00

CALVERTON___SOLAR 323806	41.63 1.17 -7.79	39.50 1.10 -8.25	33.20 1.28 -0.10	31.90 1.05 0.00	38.38 1.11 0.00	49.45 1.54 0.00	39.34 1.37 0.00	46.11 1.75 0.00	-4.93 1.29 35.60	2.64 0.91 22.05	6.59 1.40 23.20	22.61 1.36 7.34	15.48 1.33 12.88	9.55 1.13 16.26	18.30 1.13 6.20	22.05 1.28 1.70	23.61 1.44 1.51	27.64 1.73 1.23	32.30 1.76 0.79	44.53 2.09 0.44	44.85 1.87 0.07	40.81 1.75 0.01	34.18 1.60 0.00	29.78 1.55 0.19
CANDIGU_WT_PWR 323617	32.24 -0.42 0.00	30.02 -0.12 0.00	31.68 -0.14 0.00	30.80 -0.05 0.00	37.35 0.08 0.00	47.77 -0.14 0.00	37.83 -0.14 0.00	44.18 -0.17 0.00	29.30 -0.08 0.00	23.54 -0.24 0.00	28.20 -0.19 0.00	28.44 -0.15 0.00	26.69 -0.35 0.00	24.43 -0.25 0.00	22.98 -0.39 0.00	22.09 -0.39 0.00	23.34 -0.34 0.00	26.68 -0.45 0.00	31.02 -0.32 0.00	42.58 -0.30 0.00	42.94 -0.11 0.00	38.88 -0.19 0.00	32.81 0.23 0.00	28.72 0.30 0.00
CARR STREET_E_SYR 24060	32.29 -0.38 0.00	29.78 -0.36 0.00	31.40 -0.41 0.00	30.48 -0.37 0.00	36.84 -0.43 0.00	47.35 -0.56 0.00	37.61 -0.37 0.00	43.90 -0.46 0.00	29.06 -0.32 0.00	23.55 -0.24 0.00	28.19 -0.20 0.00	28.40 -0.19 0.00	26.81 -0.23 0.00	24.48 -0.20 0.00	23.16 -0.21 0.00	22.25 -0.23 0.00	23.39 -0.28 0.00	26.79 -0.35 0.00	30.93 -0.41 0.00	42.28 -0.59 0.00	42.48 -0.56 0.00	38.52 -0.55 0.00	32.21 -0.37 0.00	28.13 -0.29 0.00
CARTHAGE___PAPER 23857	32.96 -0.18 -0.48	30.34 0.21 0.00	32.14 0.32 0.00	33.08 0.03 -2.20	37.58 -0.18 -0.50	47.84 -0.06 0.00	38.17 0.20 0.00	44.22 -0.14 0.00	28.67 -0.71 0.00	22.47 -1.31 0.00	26.54 -1.85 0.00	27.84 -1.37 -0.61	26.59 -1.05 -0.60	25.94 -1.03 -2.28	23.20 -1.26 -1.10	22.56 -1.14 -1.22	24.10 -1.08 -1.50	26.23 -0.91 0.00	31.12 -0.22 0.00	43.84 0.96 0.00	44.13 1.08 0.00	39.35 0.28 0.00	32.34 -0.24 0.00	28.21 -0.20 0.00
CASSADAGA_WT_PWR 323784	33.94 1.27 0.00	31.35 1.21 0.00	33.18 1.36 0.00	32.10 1.25 0.00	38.99 1.72 0.00	49.90 1.99 0.00	39.64 1.67 0.00	46.27 1.91 0.00	30.94 1.56 0.00	24.90 1.12 0.00	30.10 1.71 0.00	30.36 1.77 0.00	28.27 1.23 0.00	25.89 1.21 0.00	24.34 0.97 0.00	23.48 1.00 0.00	24.54 0.86 0.00	27.81 0.66 0.00	31.93 0.60 0.00	43.44 0.57 0.00	43.84 0.79 0.00	39.51 0.44 0.00	33.28 0.70 0.00	28.98 0.56 0.00
CE_DUNWOOD___DRP 24194	30.19 1.69 4.17	27.16 1.44 4.42	33.38 1.62 0.06	32.48 1.63 0.00	39.27 2.00 0.00	50.53 2.62 0.00	40.25 2.28 0.00	47.27 2.91 0.00	50.35 1.91 -19.06	26.28 1.47 -1.03	30.97 1.71 -0.87	31.05 1.68 -0.77	29.53 1.65 -0.83	26.85 1.48 -0.70	25.52 1.45 -0.69	24.85 1.46 -0.91	26.10 1.62 -0.81	29.67 1.87 -0.66	33.80 2.03 -0.42	45.69 2.58 -0.23	45.61 2.52 -0.04	41.28 2.20 -0.01	34.41 1.82 0.00	30.11 1.59 -0.10
CE_MILLWOOD___DRP 24193	30.91 1.60 3.35	27.95 1.36 3.55	33.30 1.53 0.04	32.39 1.54 0.00	39.18 1.91 0.00	50.40 2.49 0.00	40.14 2.17 0.00	47.14 2.78 0.00	46.49 1.81 -15.29	26.01 1.40 -0.83	30.69 1.61 -0.70	30.81 1.60 -0.62	29.28 1.57 -0.67	26.64 1.40 -0.56	25.30 1.38 -0.56	24.60 1.39 -0.73	25.86 1.54 -0.65	29.46 1.79 -0.53	33.62 1.94 -0.34	45.53 2.46 -0.19	45.48 2.40 -0.03	41.17 2.09 0.00	34.32 1.73 0.00	30.01 1.51 -0.08
CE_NYC2_DRP 24202	175.15 2.20 -140.28	57.59 1.90 -25.54	38.45 2.09 -4.55	32.95 2.09 -0.01	39.81 2.54 0.00	51.15 3.24 0.00	40.81 2.84 0.00	47.96 3.59 0.00	643.77 2.34 -612.05	58.68 1.78 -33.12	58.31 2.09 -27.83	55.39 2.08 -24.71	55.81 2.04 -26.73	48.83 1.82 -22.32	47.42 1.76 -22.30	53.49 1.75 -29.26	51.50 1.91 -25.91	50.50 2.20 -21.16	47.39 2.44 -13.61	53.45 3.10 -7.47	47.31 3.02 -1.24	41.97 2.71 -0.19	34.86 2.25 -0.03	33.54 1.91 -3.20
CE_NYC_DRP 24195	38.85 2.10 -4.09	35.48 1.81 -3.53	33.93 1.98 -0.13	32.84 1.99 0.00	39.72 2.45 0.00	51.11 3.20 0.00	40.73 2.76 0.00	47.85 3.49 0.00	508.05 2.29 -476.38	51.33 1.76 -25.78	52.13 2.08 -21.67	49.88 2.05 -19.24	49.85 1.99 -20.81	43.85 1.79 -17.38	42.48 1.75 -17.36	47.03 1.76 -22.78	45.77 1.93 -20.17	45.83 2.22 -16.47	44.36 2.43 -10.60	51.79 3.10 -5.82	47.05 3.03 -0.96	41.87 2.65 -0.15	34.80 2.20 -0.02	32.86 1.95 -2.49
CHAFFEE___LFGE 323603	33.39 0.72 0.00	30.82 0.68 0.00	32.56 0.74 0.00	31.61 0.76 0.00	38.40 1.13 0.00	48.88 0.98 0.00	38.76 0.79 0.00	45.31 0.95 0.00	30.30 0.92 0.00	24.41 0.62 0.00	29.39 1.00 0.00	29.71 1.11 0.00	27.85 0.80 0.00	25.62 0.94 0.00	24.12 0.75 0.00	23.13 0.65 0.00	24.18 0.51 0.00	27.36 0.22 0.00	31.35 0.01 0.00	42.64 -0.23 0.00	42.99 -0.06 0.00	38.82 -0.25 0.00	32.91 0.33 0.00	28.91 0.49 0.00
CHATEAUG_35_KV_LOAD 355732	21.92 -0.68 10.08	29.62 -0.52 0.00	31.28 -0.54 0.00	-16.17 -0.84 46.18	25.80 -0.95 10.52	47.06 -0.85 0.00	37.39 -0.58 0.00	43.51 -0.85 0.00	28.54 -0.85 0.00	23.02 -0.76 0.00	27.28 -1.11 0.00	14.54 -1.17 12.88	13.19 -1.18 12.68	-24.50 -1.07 48.11	-0.66 -1.01 23.02	-4.14 -1.00 25.61	-8.92 -1.07 31.52	26.10 -1.04 0.00	30.57 -0.77 0.00	42.85 -0.02 0.00	43.63 0.58 0.00	39.73 0.66 0.00	32.63 0.05 0.00	28.17 -0.24 0.00
CHATEAUG_WT_PWR 323614	22.60 -0.72 9.35	29.58 -0.56 0.00	31.24 -0.58 0.00	-12.89 -0.88 42.85	26.51 -1.00 9.76	47.01 -0.90 0.00	37.34 -0.63 0.00	43.47 -0.89 0.00	28.53 -0.85 0.00	23.07 -0.71 0.00	27.35 -1.04 0.00	15.53 -1.11 11.96	14.17 -1.11 11.76	-20.98 -1.02 44.64	1.05 -0.95 21.37	-2.24 -0.96 23.76	-6.59 -1.02 29.25	26.17 -0.97 0.00	30.59 -0.74 0.00	42.81 -0.06 0.00	43.53 0.48 0.00	39.62 0.55 0.00	32.60 0.02 0.00	28.17 -0.25 0.00
CHAT_HIGH_FALL_HYD 323578	21.92 -0.68 10.08	29.62 -0.52 0.00	31.28 -0.54 0.00	-16.17 -0.84 46.18	25.80 -0.95 10.52	47.06 -0.85 0.00	37.39 -0.58 0.00	43.51 -0.85 0.00	28.54 -0.85 0.00	23.02 -0.76 0.00	27.28 -1.11 0.00	14.54 -1.17 12.88	13.19 -1.18 12.68	-24.50 -1.07 48.11	-0.66 -1.01 23.02	-4.14 -1.00 25.61	-8.92 -1.07 31.52	26.10 -1.04 0.00	30.57 -0.77 0.00	42.85 -0.02 0.00	43.63 0.58 0.00	39.73 0.66 0.00	32.63 0.05 0.00	28.17 -0.24 0.00
CHAUTAUQUA___LFGE 323629	33.61 0.94 0.00	30.99 0.85 0.00	32.76 0.95 0.00	31.71 0.86 0.00	38.55 1.28 0.00	49.29 1.38 0.00	39.09 1.12 0.00	45.59 1.23 0.00	30.44 1.06 0.00	24.49 0.70 0.00	29.61 1.22 0.00	29.89 1.30 0.00	27.86 0.82 0.00	25.56 0.87 0.00	24.05 0.68 0.00	23.15 0.67 0.00	24.23 0.55 0.00	27.46 0.32 0.00	31.53 0.19 0.00	42.89 0.02 0.00	43.30 0.25 0.00	39.07 0.00 0.00	33.04 0.45 0.00	28.86 0.44 0.00
CHERRYST_13_KV_LD 356241	41.49 2.19 -6.64	37.34 1.89 -5.31	34.13 2.06 -0.26	32.93 2.08 0.00	39.83 2.56 0.00	51.25 3.34 0.00	40.85 2.88 0.00	48.02 3.65 0.00	510.75 2.40 -478.97	51.56 1.86 -25.92	52.38 2.20 -21.79	50.12 2.18 -19.34	50.07 2.10 -20.92	44.04 1.88 -17.47	42.66 1.84 -17.45	47.23 1.84 -22.91	45.97 2.02 -20.28	46.02 2.32 -16.56	44.53 2.53 -10.66	51.96 3.24 -5.85	47.19 3.17 -0.97	41.99 2.76 -0.15	34.89 2.29 -0.02	32.95 2.02 -2.51

CHESTROR_138KV_BK263 355645	32.93 1.13 0.87	30.06 0.97 1.04	32.92 1.11 0.00	31.98 1.13 0.00	38.69 1.43 0.00	49.76 1.85 0.00	39.60 1.63 0.00	46.43 2.07 0.00	30.74 1.36 0.00	24.81 1.03 0.00	29.53 1.14 0.00	29.71 1.12 0.00	28.16 1.11 0.00	25.67 0.99 0.00	24.35 0.98 0.00	23.48 1.00 0.00	24.80 1.12 0.00	28.45 1.31 0.00	32.78 1.44 0.00	44.70 1.83 0.00	44.85 1.80 0.00	40.62 1.54 0.00	33.86 1.28 0.00	29.54 1.12 0.00
CH_MIDHUDSON___DRP 24192	34.36 1.50 -0.20	31.65 1.28 -0.23	33.24 1.43 0.00	32.28 1.43 0.00	39.01 1.74 0.00	50.21 2.31 0.00	40.02 2.05 0.00	46.98 2.62 0.00	31.08 1.70 0.00	25.11 1.33 0.00	29.89 1.50 0.00	30.05 1.46 0.00	28.49 1.44 0.00	25.97 1.28 0.00	24.64 1.27 0.00	23.76 1.29 0.00	25.12 1.45 0.00	28.83 1.69 0.00	33.20 1.86 0.00	45.25 2.38 0.00	45.37 2.32 0.00	41.08 2.01 0.00	34.21 1.63 0.00	29.82 1.40 0.00
CH_MISC_IPPS 23765	34.51 1.67 -0.17	31.77 1.43 -0.20	33.40 1.58 0.00	32.44 1.59 0.00	39.22 1.95 0.00	50.48 2.57 0.00	40.23 2.26 0.00	47.24 2.88 0.00	31.24 1.86 0.00	25.21 1.43 0.00	30.01 1.62 0.00	30.17 1.57 0.00	28.59 1.55 0.00	26.05 1.37 0.00	24.72 1.36 0.00	23.83 1.36 0.00	25.21 1.53 0.00	28.95 1.81 0.00	33.35 2.02 0.00	45.48 2.60 0.00	45.60 2.54 0.00	41.28 2.21 0.00	34.38 1.79 0.00	29.96 1.55 0.00
CH_RES_BVR_FALLS 23983	32.45 -0.21 0.00	29.99 -0.15 0.00	31.72 -0.09 0.00	30.67 -0.18 0.00	36.99 -0.28 0.00	47.56 -0.34 0.00	37.58 -0.40 0.00	43.87 -0.49 0.00	29.08 -0.30 0.00	23.42 -0.36 0.00	27.89 -0.50 0.00	28.12 -0.48 0.00	26.67 -0.37 0.00	24.37 -0.32 0.00	23.02 -0.35 0.00	22.14 -0.33 0.00	23.34 -0.34 0.00	26.82 -0.32 0.00	31.11 -0.22 0.00	42.75 -0.13 0.00	42.94 -0.11 0.00	38.92 -0.15 0.00	32.20 -0.38 0.00	28.00 -0.42 0.00
CH_RES_NIAGARA 23895	31.51 -1.16 0.00	29.06 -1.08 0.00	30.55 -1.27 0.00	29.50 -1.35 0.00	35.81 -1.46 0.00	45.63 -2.28 0.00	35.98 -1.99 0.00	41.51 -2.85 0.00	27.92 -1.46 0.00	22.62 -1.16 0.00	27.55 -0.84 0.00	27.87 -0.73 0.00	25.90 -1.14 0.00	23.86 -0.82 0.00	22.49 -0.88 0.00	21.56 -0.92 0.00	22.51 -1.17 0.00	25.32 -1.82 0.00	28.83 -2.51 0.00	39.10 -3.78 0.00	39.41 -3.64 0.00	35.90 -3.17 0.00	30.86 -1.72 0.00	27.03 -1.39 0.00
CH_RES_SYRACUSE 23985	32.47 -0.20 0.00	29.96 -0.18 0.00	31.57 -0.25 0.00	30.64 -0.21 0.00	37.05 -0.22 0.00	47.64 -0.27 0.00	37.84 -0.13 0.00	44.15 -0.21 0.00	29.20 -0.18 0.00	23.63 -0.15 0.00	28.27 -0.11 0.00	28.49 -0.11 0.00	26.88 -0.16 0.00	24.55 -0.13 0.00	23.22 -0.16 0.00	22.32 -0.16 0.00	23.48 -0.20 0.00	26.91 -0.23 0.00	31.10 -0.23 0.00	42.57 -0.30 0.00	42.78 -0.27 0.00	38.79 -0.28 0.00	32.43 -0.15 0.00	28.31 -0.11 0.00
CLINTON_WT_PWR 323605	22.60 -0.72 9.35	29.58 -0.56 0.00	31.24 -0.58 0.00	-12.89 -0.88 42.85	26.51 -1.00 9.76	47.01 -0.90 0.00	37.34 -0.63 0.00	43.47 -0.89 0.00	28.53 -0.85 0.00	23.07 -0.71 0.00	27.35 -1.04 11.96	15.53 -1.11 11.76	14.17 -1.11 11.76	-20.98 -1.02 44.64	1.05 -0.95 21.37	-2.24 -0.96 23.76	-6.59 -1.02 29.25	26.17 -0.97 0.00	30.59 -0.74 0.00	42.81 -0.06 0.00	43.53 0.48 0.00	39.62 0.55 0.00	32.60 0.02 0.00	28.17 -0.25 0.00
CLINTON___LFGE 323618	22.83 -0.30 9.54	29.99 -0.15 0.00	31.64 -0.18 0.00	-13.38 -0.50 43.73	26.72 -0.58 9.96	47.62 -0.28 0.00	37.85 -0.12 0.00	44.14 -0.22 0.00	28.88 -0.50 0.00	23.33 -0.45 0.00	27.60 -0.79 12.20	15.50 -0.89 12.00	14.14 -0.90 12.00	-21.72 -0.85 45.56	0.76 -0.81 21.80	-2.59 -0.82 24.25	-7.05 -0.88 29.85	26.37 -0.78 0.00	30.83 -0.51 0.00	43.27 0.39 0.00	44.09 1.04 0.00	40.16 1.09 0.00	33.03 0.44 0.00	28.53 0.11 0.00
COBBLENY_34_KV_TB1 80064	33.39 0.72 0.00	30.81 0.67 0.00	32.56 0.75 0.00	31.61 0.76 0.00	38.40 1.13 0.00	48.89 0.98 0.00	38.76 0.78 0.00	45.31 0.95 0.00	30.27 0.90 0.00	24.41 0.62 0.00	29.39 1.00 0.00	29.70 1.11 0.00	27.85 0.80 0.00	25.59 0.91 0.00	24.08 0.71 0.00	23.06 0.59 0.00	24.19 0.51 0.00	27.37 0.23 0.00	31.35 0.01 0.00	42.64 -0.24 0.00	42.99 -0.06 0.00	38.82 -0.25 0.00	32.91 0.33 0.00	28.90 0.48 0.00
COFFEEN___115KV_TB3 355620	32.85 -0.21 -0.39	30.35 0.21 0.00	32.10 0.28 0.00	32.65 -0.02 -1.81	37.44 -0.24 -0.41	47.77 -0.14 0.00	38.22 0.24 0.00	44.21 -0.15 0.00	28.47 -0.91 0.00	22.24 -1.54 0.00	26.31 -2.08 0.00	27.53 -1.57 -0.50	26.29 -1.25 -0.50	25.32 -1.25 -1.89	22.79 -1.48 -0.90	22.13 -1.35 -1.01	23.59 -1.32 -1.24	25.94 -1.20 0.00	30.82 -0.51 0.00	43.74 0.86 0.00	44.11 1.06 0.00	39.31 0.24 0.00	32.28 -0.30 0.00	28.20 -0.22 0.00
COLDSPRG_115KV_BK1 355956	34.25 1.58 0.00	31.60 1.46 0.00	33.40 1.58 0.00	32.36 1.51 0.00	39.32 2.05 0.00	50.23 2.32 0.00	39.89 1.92 0.00	46.60 2.24 0.00	31.15 1.78 0.00	25.09 1.31 0.00	30.25 1.86 0.00	30.53 1.94 0.00	28.52 1.48 0.00	26.13 1.45 0.00	24.56 1.19 0.00	23.59 1.11 0.00	24.73 1.05 0.00	27.99 0.85 0.00	32.12 0.78 0.00	43.69 0.82 0.00	44.07 1.02 0.00	39.76 0.69 0.00	33.62 1.03 0.00	29.39 0.97 0.00
COLONIE_LFGE___ 323577	33.43 0.76 0.00	30.80 0.66 0.00	32.52 0.70 0.00	31.55 0.70 0.00	38.12 0.85 0.00	49.14 1.23 0.00	39.04 1.07 0.00	45.73 1.37 0.00	30.32 0.94 0.00	24.51 0.73 0.00	29.10 0.71 0.00	29.24 0.64 0.00	27.66 0.61 0.00	25.14 0.46 0.00	23.86 0.49 0.00	23.02 0.55 0.00	24.33 0.65 0.00	27.99 0.85 0.00	32.29 0.95 0.00	44.07 1.19 0.00	44.09 1.04 0.00	40.08 1.01 0.00	33.41 0.83 0.00	29.11 0.69 0.00
COOPERNY_115KV_TB1 80082	33.18 0.84 0.33	30.47 0.72 0.39	32.64 0.82 0.00	31.70 0.85 0.00	38.33 1.06 0.00	49.30 1.39 0.00	39.18 1.21 0.00	45.89 1.53 0.00	30.40 1.02 0.00	24.54 0.76 0.00	29.24 0.85 0.00	29.43 0.83 0.00	27.87 0.83 0.00	25.42 0.73 0.00	24.10 0.73 0.00	23.22 0.74 0.00	24.49 0.82 0.00	28.10 0.96 0.00	32.40 1.06 0.00	44.21 1.34 0.00	44.35 1.30 0.00	40.20 1.12 0.00	33.52 0.94 0.00	29.26 0.84 0.00
COPENHAGEN_WT_PWR 323753	32.28 -0.76 -0.37	29.99 -0.15 0.00	31.72 -0.10 0.00	32.10 -0.46 -1.71	36.84 -0.82 -0.39	46.97 -0.94 0.00	37.54 -0.43 0.00	43.49 -0.87 0.00	28.21 -1.17 0.00	22.07 -1.71 0.00	26.12 -2.27 0.00	27.40 -1.67 -0.47	26.20 -1.31 -0.47	25.14 -1.33 -1.78	22.61 -1.61 -0.85	21.98 -1.45 -0.95	23.42 -1.42 -1.17	25.86 -1.29 0.00	30.69 -0.65 0.00	43.32 0.44 0.00	43.56 0.51 0.00	38.70 -0.38 0.00	31.77 -0.81 0.00	27.79 -0.63 0.00
CORNELL_____ 23752	33.20 0.53 0.00	30.60 0.46 0.00	32.29 0.47 0.00	31.35 0.50 0.00	38.04 0.77 0.00	48.95 1.04 0.00	38.90 0.93 0.00	45.21 0.85 0.00	29.85 0.47 0.00	23.95 0.17 0.00	28.50 0.11 0.00	28.64 0.05 0.00	27.03 -0.02 0.00	24.66 -0.03 0.00	23.29 -0.08 0.00	22.37 -0.11 0.00	23.60 -0.08 0.00	27.16 0.02 0.00	31.68 0.34 0.00	43.73 0.85 0.00	44.05 1.00 0.00	39.91 0.84 0.00	33.37 0.79 0.00	29.13 0.71 0.00

CORONA__69_KV_TB1 355595	42.40 1.92 -7.81	40.00 1.61 -8.25	33.74 1.82 -0.10	32.59 1.74 0.00	39.32 2.04 0.00	50.56 2.65 0.00	40.17 2.20 0.00	47.17 2.81 0.00	-4.23 1.99 35.60	23.46 1.60 1.93	28.87 2.10 1.62	29.19 2.04 1.44	27.48 2.00 1.56	25.17 1.78 1.30	23.83 1.75 1.30	22.56 1.78 1.70	24.10 1.93 1.51	28.18 2.27 1.23	32.97 2.42 0.79	45.39 2.95 0.44	45.85 2.87 0.07	41.57 2.51 0.01	34.66 2.08 0.00	30.17 1.94 0.19
CORTLAND__115KV_TB3 80093	32.98 0.31 0.00	30.40 0.27 0.00	32.07 0.26 0.00	31.16 0.31 0.00	37.72 0.45 0.00	48.51 0.60 0.00	38.54 0.57 0.00	44.99 0.63 0.00	29.69 0.31 0.00	23.92 0.14 0.00	28.54 0.14 0.00	28.72 0.13 0.00	27.12 0.08 0.00	24.76 0.07 0.00	23.39 0.02 0.00	22.47 0.00 0.00	23.69 0.01 0.00	27.21 0.07 0.00	31.59 0.25 0.00	43.37 0.49 0.00	43.63 0.58 0.00	39.52 0.45 0.00	33.03 0.44 0.00	28.84 0.42 0.00
COXSACKIE__GT 23611	34.21 1.55 0.00	31.56 1.42 0.00	33.26 1.45 0.00	32.30 1.45 0.00	38.98 1.71 0.00	50.21 2.30 0.00	39.99 2.02 0.00	46.70 2.35 0.00	30.60 1.22 0.00	24.54 0.76 0.00	29.05 0.67 0.00	29.18 0.59 0.00	27.60 0.55 0.00	25.15 0.47 0.00	23.84 0.46 0.00	22.99 0.51 0.00	24.40 0.72 0.00	28.25 1.11 0.00	32.92 1.58 0.00	45.32 2.44 0.00	45.44 2.39 0.00	41.24 2.17 0.00	34.31 1.73 0.00	29.85 1.43 0.00
CPV_VALLEY__CC1 323721	33.11 0.90 0.46	30.34 0.75 0.55	32.69 0.88 0.00	31.76 0.91 0.00	38.42 1.15 0.00	49.39 1.48 0.00	39.30 1.32 0.00	46.06 1.70 0.00	30.52 1.13 0.00	24.65 0.86 0.00	29.35 0.96 0.00	29.53 0.94 0.00	27.99 0.95 0.00	25.52 0.84 0.00	24.20 0.83 0.00	23.32 0.85 0.00	24.64 0.96 0.00	28.26 1.12 0.00	32.55 1.21 0.00	44.36 1.49 0.00	44.49 1.44 0.00	40.31 1.24 0.00	33.61 1.03 0.00	29.34 0.92 0.00
CPV_VALLEY__CC2 323722	33.11 0.90 0.46	30.34 0.75 0.55	32.69 0.88 0.00	31.76 0.91 0.00	38.42 1.15 0.00	49.39 1.48 0.00	39.30 1.32 0.00	46.06 1.70 0.00	30.52 1.13 0.00	24.65 0.86 0.00	29.35 0.96 0.00	29.53 0.94 0.00	27.99 0.95 0.00	25.52 0.84 0.00	24.20 0.83 0.00	23.32 0.85 0.00	24.64 0.96 0.00	28.26 1.12 0.00	32.55 1.21 0.00	44.36 1.49 0.00	44.49 1.44 0.00	40.31 1.24 0.00	33.61 1.03 0.00	29.34 0.92 0.00
CRESCENT__HYD 24018	33.43 0.76 0.00	30.80 0.66 0.00	32.52 0.70 0.00	31.55 0.70 0.00	38.12 0.85 0.00	49.14 1.23 0.00	39.04 1.07 0.00	45.73 1.37 0.00	30.32 0.94 0.00	24.51 0.73 0.00	29.10 0.71 0.00	29.24 0.64 0.00	27.66 0.61 0.00	25.14 0.46 0.00	23.86 0.49 0.00	23.02 0.55 0.00	24.33 0.65 0.00	27.99 0.85 0.00	32.29 0.95 0.00	44.07 1.19 0.00	44.09 1.04 0.00	40.08 1.01 0.00	33.41 0.83 0.00	29.11 0.69 0.00
CRICKET__VALLEY_CC1 323756	33.78 1.11 0.00	31.09 0.95 0.00	32.90 1.08 0.00	31.92 1.08 0.00	38.55 1.28 0.00	49.64 1.73 0.00	39.61 1.64 0.00	46.52 2.16 0.00	30.79 1.41 0.00	24.93 1.15 0.00	29.62 1.23 0.00	29.79 1.20 0.00	28.28 1.23 0.00	25.75 1.06 0.00	24.45 1.08 0.00	23.59 1.11 0.00	24.96 1.28 0.00	28.61 1.47 0.00	32.93 1.59 0.00	44.85 1.97 0.00	44.93 1.88 0.00	40.70 1.63 0.00	33.88 1.30 0.00	29.50 1.08 0.00
CRICKET__VALLEY_CC2 323757	33.78 1.11 0.00	31.09 0.95 0.00	32.90 1.08 0.00	31.92 1.08 0.00	38.55 1.28 0.00	49.64 1.73 0.00	39.61 1.64 0.00	46.52 2.16 0.00	30.79 1.41 0.00	24.93 1.15 0.00	29.62 1.23 0.00	29.79 1.20 0.00	28.28 1.23 0.00	25.75 1.06 0.00	24.45 1.08 0.00	23.59 1.11 0.00	24.96 1.28 0.00	28.61 1.47 0.00	32.93 1.59 0.00	44.85 1.97 0.00	44.93 1.88 0.00	40.70 1.63 0.00	33.88 1.30 0.00	29.50 1.08 0.00
CRICKET__VALLEY_CC3 323758	33.78 1.11 0.00	31.09 0.95 0.00	32.90 1.08 0.00	31.92 1.08 0.00	38.55 1.28 0.00	49.64 1.73 0.00	39.61 1.64 0.00	46.52 2.16 0.00	30.79 1.41 0.00	24.93 1.15 0.00	29.62 1.23 0.00	29.79 1.20 0.00	28.28 1.23 0.00	25.75 1.06 0.00	24.45 1.08 0.00	23.59 1.11 0.00	24.96 1.28 0.00	28.61 1.47 0.00	32.93 1.59 0.00	44.85 1.97 0.00	44.93 1.88 0.00	40.70 1.63 0.00	33.88 1.30 0.00	29.50 1.08 0.00
CRUCIBLE_METL_DRP 24180	32.47 -0.20 0.00	29.96 -0.18 0.00	31.57 -0.25 0.00	30.64 -0.21 0.00	37.05 -0.22 0.00	47.64 -0.27 0.00	37.84 -0.13 0.00	44.14 -0.22 0.00	29.19 -0.19 0.00	23.63 -0.15 0.00	28.27 -0.11 0.00	28.48 -0.11 0.00	26.89 -0.15 0.00	24.55 -0.14 0.00	23.21 -0.16 0.00	22.31 -0.16 0.00	23.48 -0.19 0.00	26.91 -0.23 0.00	31.10 -0.23 0.00	42.57 -0.31 0.00	42.78 -0.27 0.00	38.79 -0.28 0.00	32.43 -0.16 0.00	28.31 -0.11 0.00
DAHOWA__HYDRO 323763	33.95 1.28 0.00	31.29 1.15 0.00	33.02 1.20 0.00	32.04 1.19 0.00	38.85 1.58 0.00	50.36 2.45 0.00	40.01 2.04 0.00	46.89 2.53 0.00	31.60 2.22 0.00	25.28 1.49 0.00	29.73 1.34 0.00	29.64 1.05 0.00	27.81 0.77 0.00	25.24 0.56 0.00	23.95 0.57 0.00	23.15 0.67 0.00	24.51 0.84 0.00	28.28 1.14 0.00	32.82 1.48 0.00	44.87 1.99 0.00	44.98 1.93 0.00	40.83 1.76 0.00	33.96 1.38 0.00	29.55 1.13 0.00
DANC__LFGE 323619	32.15 -0.76 -0.25	29.77 -0.37 0.00	31.45 -0.37 0.00	31.44 -0.56 -1.15	36.69 -0.84 -0.26	46.85 -1.06 0.00	37.34 -0.63 0.00	43.38 -0.98 0.00	28.33 -1.05 0.00	22.50 -1.28 0.00	26.76 -1.63 0.00	27.63 -1.28 -0.32	26.29 -1.07 -0.31	24.83 -1.05 -1.20	22.73 -1.22 -0.58	21.97 -1.15 -0.64	23.30 -1.17 -0.79	26.01 -1.13 0.00	30.56 -0.78 0.00	42.66 -0.22 0.00	42.89 -0.16 0.00	38.40 -0.67 0.00	31.77 -0.81 0.00	27.79 -0.63 0.00
DANSKAMMER__1 23586	34.51 1.67 -0.17	31.77 1.43 -0.20	33.40 1.58 0.00	32.44 1.59 0.00	39.22 1.95 0.00	50.48 2.57 0.00	40.23 2.26 0.00	47.24 2.88 0.00	31.24 1.86 0.00	25.21 1.43 0.00	30.01 1.62 0.00	30.17 1.57 0.00	28.59 1.55 0.00	26.05 1.37 0.00	24.72 1.36 0.00	23.83 1.36 0.00	25.21 1.53 0.00	28.95 1.81 0.00	33.35 2.02 0.00	45.48 2.60 0.00	45.60 2.54 0.00	41.28 2.21 0.00	34.38 1.79 0.00	29.96 1.55 0.00
DANSKAMMER__2 23589	34.51 1.67 -0.17	31.77 1.43 -0.20	33.40 1.58 0.00	32.44 1.59 0.00	39.22 1.95 0.00	50.48 2.57 0.00	40.23 2.26 0.00	47.24 2.88 0.00	31.24 1.86 0.00	25.21 1.43 0.00	30.01 1.62 0.00	30.17 1.57 0.00	28.59 1.55 0.00	26.05 1.37 0.00	24.72 1.36 0.00	23.83 1.36 0.00	25.21 1.53 0.00	28.95 1.81 0.00	33.35 2.02 0.00	45.48 2.60 0.00	45.60 2.54 0.00	41.28 2.21 0.00	34.38 1.79 0.00	29.96 1.55 0.00
DANSKAMMER__3 23590	34.51 1.67 -0.17	31.77 1.43 -0.20	33.40 1.58 0.00	32.44 1.59 0.00	39.22 1.95 0.00	50.48 2.57 0.00	40.23 2.26 0.00	47.24 2.88 0.00	31.24 1.86 0.00	25.21 1.43 0.00	30.01 1.62 0.00	30.17 1.57 0.00	28.59 1.55 0.00	26.05 1.37 0.00	24.72 1.36 0.00	23.83 1.36 0.00	25.21 1.53 0.00	28.95 1.81 0.00	33.35 2.02 0.00	45.48 2.60 0.00	45.60 2.54 0.00	41.28 2.21 0.00	34.38 1.79 0.00	29.96 1.55 0.00

DANSKAMMER___4 23591	34.51 1.67 -0.17	31.77 1.43 -0.20	33.40 1.58 0.00	32.44 1.59 0.00	39.22 1.95 0.00	50.48 2.57 0.00	40.23 2.26 0.00	47.24 2.88 0.00	31.24 1.86 0.00	25.21 1.43 0.00	30.01 1.62 0.00	30.17 1.57 0.00	28.59 1.55 0.00	26.05 1.37 0.00	24.72 1.36 0.00	23.83 1.36 0.00	25.21 1.53 0.00	28.95 1.81 0.00	33.35 2.02 0.00	45.48 2.60 0.00	45.60 2.54 0.00	41.28 2.21 0.00	34.38 1.79 0.00	29.96 1.55 0.00
DANSKAMMER___DIESEL 23592	34.51 1.67 -0.17	31.77 1.43 -0.20	33.40 1.58 0.00	32.44 1.58 0.00	39.22 1.95 0.00	50.48 2.58 0.00	40.23 2.26 0.00	47.23 2.88 0.00	31.24 1.86 0.00	25.21 1.43 0.00	30.01 1.62 0.00	30.17 1.58 0.00	28.59 1.54 0.00	26.06 1.37 0.00	24.73 1.36 0.00	23.84 1.37 0.00	25.21 1.53 0.00	28.95 1.81 0.00	33.35 2.01 0.00	45.48 2.60 0.00	45.60 2.55 0.00	41.28 2.21 0.00	34.38 1.80 0.00	29.97 1.55 0.00
DARBY___SOLAR 323810	33.90 1.23 0.00	31.25 1.11 0.00	32.97 1.15 0.00	31.99 1.14 0.00	38.78 1.51 0.00	50.23 2.32 0.00	39.91 1.93 0.00	46.74 2.38 0.00	31.35 1.97 0.00	25.12 1.33 0.00	29.61 1.22 0.00	29.58 0.99 0.00	27.77 0.72 0.00	25.20 0.52 0.00	23.93 0.55 0.00	23.13 0.65 0.00	24.49 0.81 0.00	28.25 1.11 0.00	32.78 1.44 0.00	44.80 1.93 0.00	44.90 1.85 0.00	40.76 1.69 0.00	33.92 1.34 0.00	29.52 1.10 0.00
DASHVILLE___HYD 23610	34.05 1.38 0.00	31.32 1.18 0.00	33.13 1.31 0.00	32.17 1.33 0.00	38.89 1.62 0.00	50.05 2.14 0.00	39.86 1.89 0.00	46.79 2.44 0.00	30.97 1.59 0.00	25.02 1.24 0.00	29.79 1.40 0.00	29.98 1.38 0.00	28.39 1.35 0.00	25.88 1.20 0.00	24.56 1.19 0.00	23.68 1.20 0.00	25.04 1.36 0.00	28.73 1.59 0.00	33.05 1.71 0.00	45.08 2.21 0.00	45.21 2.16 0.00	40.94 1.87 0.00	34.11 1.53 0.00	29.72 1.31 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	41.32 0.86 -7.79	39.23 0.84 -8.25	32.88 0.96 -0.10	31.66 0.81 0.00	38.08 0.80 0.00	49.18 1.27 0.00	39.39 1.42 0.00	46.06 1.70 0.00	-4.94 1.28 35.60	0.05 0.77 24.50	3.81 1.25 25.83	21.69 1.15 8.06	13.83 1.05 14.26	7.39 0.79 18.09	17.39 0.82 6.80	21.74 0.97 1.70	23.29 1.12 1.51	27.33 1.42 1.23	32.03 1.48 0.79	44.20 1.76 0.44	44.55 1.57 0.07	40.66 1.60 0.01	34.46 1.88 0.00	30.05 1.82 0.19
DELAWARE___LFGE 323621	33.52 0.85 0.00	30.87 0.73 0.00	32.63 0.82 0.00	31.68 0.83 0.00	38.38 1.11 0.00	49.43 1.52 0.00	39.27 1.29 0.00	45.95 1.59 0.00	30.36 0.98 0.00	24.51 0.72 0.00	29.21 0.82 0.00	29.38 0.78 0.00	27.79 0.75 0.00	25.35 0.66 0.00	23.98 0.61 0.00	23.06 0.58 0.00	24.33 0.65 0.00	27.96 0.82 0.00	32.35 1.01 0.00	44.23 1.36 0.00	44.40 1.35 0.00	40.26 1.19 0.00	33.59 1.01 0.00	29.32 0.90 0.00
DERFIELD_115KV_TB7 355931	32.68 0.01 0.00	30.14 0.00 0.00	31.85 0.03 0.00	30.89 0.04 0.00	37.31 0.04 0.00	47.96 0.05 0.00	38.08 0.10 0.00	44.52 0.16 0.00	29.43 0.05 0.00	23.80 0.02 0.00	28.39 0.00 0.00	28.60 0.01 0.00	27.07 0.03 0.00	24.70 0.02 0.00	23.38 0.01 0.00	22.49 0.01 0.00	23.72 0.05 0.00	27.22 0.08 0.00	31.46 0.12 0.00	43.05 0.17 0.00	43.18 0.13 0.00	39.16 0.09 0.00	32.65 0.06 0.00	28.48 0.06 0.00
DOGLEVILLE___HYD 23807	32.43 -0.24 0.00	29.83 -0.32 0.00	31.54 -0.28 0.00	30.73 -0.12 0.00	37.35 0.08 0.00	48.15 0.25 0.00	38.50 0.53 0.00	44.53 0.17 0.00	28.55 -0.83 0.00	22.58 -1.20 0.00	26.54 -1.85 0.00	26.56 -2.03 0.00	25.59 -1.46 0.00	23.27 -1.41 0.00	22.08 -1.28 0.00	21.51 -0.97 0.00	22.73 -0.94 0.00	26.46 -0.68 0.00	31.25 -0.09 0.00	43.20 0.32 0.00	43.35 0.30 0.00	39.43 0.36 0.00	32.91 0.32 0.00	28.64 0.22 0.00
DUNKIRK___115KV_TB_200 55889	33.56 0.89 0.00	30.94 0.80 0.00	32.70 0.89 0.00	31.66 0.81 0.00	38.50 1.23 0.00	49.20 1.29 0.00	39.00 1.03 0.00	45.50 1.14 0.00	30.37 0.99 0.00	24.46 0.67 0.00	29.56 1.17 0.00	29.83 1.24 0.00	27.82 0.78 0.00	25.49 0.81 0.00	23.98 0.61 0.00	23.06 0.58 0.00	24.21 0.53 0.00	27.42 0.28 0.00	31.49 0.15 0.00	42.82 -0.05 0.00	43.23 0.18 0.00	38.99 -0.08 0.00	32.99 0.41 0.00	28.84 0.42 0.00
DUNKIRK___1 23563	33.56 0.89 0.00	30.94 0.80 0.00	32.70 0.89 0.00	31.66 0.81 0.00	38.50 1.23 0.00	49.20 1.29 0.00	39.00 1.03 0.00	45.50 1.14 0.00	30.37 0.99 0.00	24.46 0.67 0.00	29.56 1.17 0.00	29.83 1.24 0.00	27.82 0.78 0.00	25.49 0.81 0.00	23.98 0.61 0.00	23.06 0.58 0.00	24.21 0.53 0.00	27.42 0.28 0.00	31.49 0.15 0.00	42.82 -0.05 0.00	43.23 0.18 0.00	38.99 -0.08 0.00	32.99 0.41 0.00	28.84 0.42 0.00
DUNKIRK___2 23564	33.56 0.89 0.00	30.94 0.80 0.00	32.70 0.89 0.00	31.66 0.81 0.00	38.50 1.23 0.00	49.20 1.29 0.00	39.00 1.03 0.00	45.50 1.14 0.00	30.37 0.99 0.00	24.46 0.67 0.00	29.56 1.17 0.00	29.83 1.24 0.00	27.82 0.78 0.00	25.49 0.81 0.00	23.98 0.61 0.00	23.06 0.58 0.00	24.21 0.53 0.00	27.42 0.28 0.00	31.49 0.15 0.00	42.82 -0.05 0.00	43.23 0.18 0.00	38.99 -0.08 0.00	32.99 0.41 0.00	28.84 0.42 0.00
DUNKIRK___3 23565	33.29 0.62 0.00	30.69 0.56 0.00	32.42 0.61 0.00	31.39 0.54 0.00	38.16 0.89 0.00	48.74 0.83 0.00	38.60 0.63 0.00	45.00 0.65 0.00	30.07 0.68 0.00	24.22 0.44 0.00	29.28 0.89 0.00	29.57 0.97 0.00	27.58 0.54 0.00	25.30 0.61 0.00	23.81 0.44 0.00	22.88 0.40 0.00	24.01 0.33 0.00	27.19 0.05 0.00	31.19 -0.15 0.00	42.41 -0.47 0.00	42.80 -0.25 0.00	38.65 -0.43 0.00	32.75 0.17 0.00	28.65 0.23 0.00
DUNKIRK___4 23566	33.29 0.62 0.00	30.69 0.56 0.00	32.42 0.61 0.00	31.39 0.54 0.00	38.16 0.89 0.00	48.74 0.83 0.00	38.60 0.63 0.00	45.00 0.65 0.00	30.07 0.68 0.00	24.22 0.44 0.00	29.28 0.89 0.00	29.57 0.97 0.00	27.58 0.54 0.00	25.30 0.61 0.00	23.81 0.44 0.00	22.88 0.40 0.00	24.01 0.33 0.00	27.19 0.05 0.00	31.19 -0.15 0.00	42.41 -0.47 0.00	42.80 -0.25 0.00	38.65 -0.43 0.00	32.75 0.17 0.00	28.65 0.23 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	37.05 1.82 -2.56	34.72 1.55 -3.03	33.56 1.74 0.00	32.60 1.75 0.00	39.41 2.14 0.00	50.71 2.80 0.00	40.40 2.43 0.00	47.44 3.08 0.00	31.40 2.02 0.00	25.34 1.56 0.00	30.22 1.82 0.00	30.39 1.80 0.00	28.80 1.76 0.00	26.26 1.58 0.00	24.92 1.55 0.00	24.03 1.55 0.00	25.39 1.71 0.00	29.12 1.98 0.00	33.50 2.16 0.00	45.62 2.74 0.00	45.72 2.67 0.00	41.40 2.33 0.00	34.52 1.94 0.00	30.11 1.69 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.89 1.39 0.16	31.14 1.18 0.19	33.15 1.33 0.00	32.20 1.35 0.00	38.94 1.67 0.00	50.11 2.21 0.00	39.90 1.93 0.00	46.81 2.45 0.00	30.98 1.60 0.00	25.00 1.21 0.00	29.74 1.35 0.00	29.92 1.33 0.00	28.34 1.30 0.00	25.84 1.16 0.00	24.52 1.15 0.00	23.65 1.17 0.00	24.99 1.31 0.00	28.68 1.54 0.00	33.05 1.71 0.00	45.09 2.21 0.00	45.21 2.16 0.00	40.93 1.86 0.00	34.11 1.53 0.00	29.75 1.33 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	175.22 2.27 -140.28	57.69 2.00 -25.54	38.40 2.03 -4.55	32.81 1.95 -0.01	39.73 2.46 0.00	51.08 3.18 0.00	40.74 2.77 0.00	47.81 3.44 0.00	533.78 2.18 -502.22	52.61 1.64 -27.18	53.16 1.93 -22.84	50.79 1.93 -20.27	50.87 1.88 -21.94	44.69 1.68 -18.32	43.29 1.62 -18.31	48.12 1.61 -24.03	46.72 1.77 -21.27	46.55 2.04 -17.37	44.77 2.25 -11.18	51.98 2.96 -6.14	47.18 2.89 -1.24	41.90 2.64 -0.19	34.74 2.13 -0.03	33.38 1.76 -3.20
E179THST_13_KV_LOAD 356214	175.36 2.41 -140.28	57.80 2.12 -25.54	38.52 2.15 -4.55	32.93 2.07 -0.01	39.87 2.60 0.00	51.27 3.36 0.00	40.89 2.92 0.00	48.00 3.64 0.00	533.91 2.31 -502.22	52.71 1.75 -27.18	53.29 2.06 -22.84	50.92 2.05 -20.27	50.99 2.01 -21.94	44.80 1.80 -18.32	43.40 1.72 -18.31	48.22 1.71 -24.03	46.83 1.88 -21.27	46.68 2.17 -17.37	44.91 2.39 -11.18	52.18 3.17 -6.14	47.39 3.10 -1.24	42.09 2.82 -0.19	34.89 2.28 -0.03	33.51 1.88 -3.20
EAST HAMPTON___GT 23717	40.68 0.22 -7.79	38.65 0.25 -8.25	32.25 0.33 -0.10	31.11 0.26 0.00	37.38 0.11 0.00	48.34 0.43 0.00	38.98 1.01 0.00	45.53 1.17 0.00	-5.20 1.03 35.60	-0.46 0.46 24.70	3.21 0.85 26.04	21.17 0.69 8.12	13.23 0.56 14.37	6.70 0.25 18.23	16.81 0.29 6.85	21.19 0.42 1.70	22.75 0.58 1.51	26.75 0.84 1.23	31.40 0.85 0.79	43.36 0.92 0.44	43.73 0.75 0.07	40.08 1.02 0.01	34.41 1.83 0.00	30.06 1.83 0.19
EAST RIVER___6 23660	49.80 2.18 -14.95	43.09 1.87 -11.08	34.54 2.05 -0.67	32.91 2.06 0.00	39.80 2.53 0.00	51.20 3.30 0.00	40.80 2.83 0.00	47.94 3.58 0.00	519.14 2.36 -487.40	51.98 1.82 -26.38	52.70 2.14 -22.17	50.38 2.11 -19.68	50.40 2.06 -21.29	44.31 1.85 -17.78	42.93 1.80 -17.76	47.59 1.80 -23.31	46.30 1.99 -20.64	46.27 2.28 -16.85	44.67 2.49 -10.84	52.01 3.18 -5.95	47.15 3.11 -0.98	41.94 2.72 -0.16	34.86 2.26 -0.02	32.97 1.99 -2.55
EAST RIVER___7 23524	49.80 2.18 -14.95	43.09 1.87 -11.08	34.54 2.05 -0.67	32.91 2.06 0.00	39.80 2.53 0.00	51.20 3.30 0.00	40.80 2.83 0.00	47.94 3.58 0.00	519.14 2.36 -487.40	51.98 1.82 -26.38	52.70 2.14 -22.17	50.38 2.11 -19.68	50.40 2.06 -21.29	44.31 1.85 -17.78	42.93 1.80 -17.76	47.59 1.80 -23.31	46.30 1.99 -20.64	46.27 2.28 -16.85	44.67 2.49 -10.84	52.01 3.18 -5.95	47.15 3.11 -0.98	41.94 2.72 -0.16	34.86 2.26 -0.02	32.97 1.99 -2.55
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	30.19 1.69 4.17	27.16 1.44 4.42	33.38 1.62 0.06	32.48 1.63 0.00	39.27 2.00 0.00	50.53 2.62 0.00	40.25 2.28 0.00	47.27 2.91 0.00	50.35 1.91 -19.06	26.28 1.47 -1.03	30.97 1.71 -0.87	31.05 1.68 -0.77	29.53 1.65 -0.83	26.85 1.48 -0.70	25.52 1.45 -0.69	24.85 1.46 -0.91	26.10 1.62 -0.81	29.67 1.87 -0.66	33.80 2.03 -0.42	45.69 2.58 -0.23	45.61 2.52 -0.04	41.28 2.20 -0.01	34.41 1.82 0.00	30.11 1.59 -0.10
EAST_HAMPTON___DIESEL 23722	40.57 0.10 -7.79	38.54 0.15 -8.25	32.14 0.22 -0.10	31.01 0.16 0.00	37.25 -0.02 0.00	48.20 0.29 0.00	38.89 0.91 0.00	45.42 1.06 0.00	-5.26 0.97 35.60	-0.51 0.39 24.69	3.15 0.79 26.03	21.09 0.61 8.11	13.15 0.48 14.37	6.62 0.16 18.22	16.73 0.21 6.84	21.11 0.34 1.70	22.66 0.49 1.51	26.65 0.74 1.23	31.30 0.76 0.79	43.22 0.78 0.44	43.59 0.61 0.07	39.97 0.90 0.01	34.38 1.80 0.00	30.04 1.80 0.19
EAST_POINT___SOLAR 323840	34.86 2.20 0.00	32.12 1.98 0.00	33.94 2.12 0.00	32.88 2.03 0.00	39.89 2.62 0.00	51.51 3.61 0.00	40.97 3.00 0.00	46.75 2.39 0.00	29.55 0.17 0.00	23.60 -0.18 0.00	28.22 -0.17 0.00	28.21 -0.39 0.00	26.64 -0.41 0.00	24.24 -0.44 0.00	22.94 -0.43 0.00	22.13 -0.35 0.00	23.39 -0.28 0.00	27.04 -0.10 0.00	32.45 1.12 0.00	45.78 2.90 0.00	46.21 3.15 0.00	41.99 2.91 0.00	34.90 2.31 0.00	30.34 1.93 0.00
EAST_PULASKI___ESR 323781	31.97 -0.70 0.00	29.62 -0.52 0.00	31.25 -0.57 0.00	30.25 -0.60 0.00	36.48 -0.79 0.00	46.85 -1.06 0.00	37.25 -0.72 0.00	43.40 -0.96 0.00	28.55 -0.83 0.00	22.96 -0.82 0.00	27.43 -0.96 0.00	27.75 -0.84 0.00	26.27 -0.77 0.00	23.95 -0.73 0.00	22.58 -0.79 0.00	21.69 -0.79 0.00	22.81 -0.86 0.00	26.23 -0.91 0.00	30.50 -0.84 0.00	42.12 -0.75 0.00	42.37 -0.68 0.00	38.23 -0.84 0.00	31.85 -0.73 0.00	27.86 -0.56 0.00
EAST_RIVER___1 323558	38.86 2.11 -4.09	35.48 1.81 -3.53	33.94 1.99 -0.13	32.84 1.99 0.00	39.72 2.45 0.00	51.11 3.20 0.00	40.73 2.76 0.00	47.85 3.49 0.00	508.05 2.29 -476.38	51.34 1.77 -25.78	52.14 2.08 -21.67	49.88 2.05 -19.24	49.86 2.01 -20.81	43.85 1.79 -17.38	42.48 1.75 -17.36	47.02 1.76 -22.78	45.79 1.94 -20.17	45.84 2.23 -16.47	44.37 2.43 -10.60	51.79 3.10 -5.82	47.05 3.03 -0.96	41.87 2.65 -0.15	34.80 2.20 -0.02	32.86 1.95 -2.49
EAST_RIVER___2 323559	49.80 2.18 -14.95	43.09 1.87 -11.08	34.54 2.05 -0.67	32.91 2.06 0.00	39.80 2.53 0.00	51.20 3.30 0.00	40.80 2.83 0.00	47.94 3.58 0.00	519.14 2.36 -487.40	51.98 1.82 -26.38	52.70 2.14 -22.17	50.38 2.11 -19.68	50.40 2.06 -21.29	44.31 1.85 -17.78	42.93 1.80 -17.76	47.59 1.80 -23.31	46.30 1.99 -20.64	46.27 2.28 -16.85	44.67 2.49 -10.84	52.01 3.18 -5.95	47.15 3.11 -0.98	41.94 2.72 -0.16	34.86 2.26 -0.02	32.97 1.99 -2.55
EAST___DELAWARE_HYD 23607	34.77 2.10 0.00	31.99 1.85 0.00	33.82 2.00 0.00	32.83 1.99 0.00	39.74 2.47 0.00	51.16 3.25 0.00	40.75 2.78 0.00	47.74 3.38 0.00	31.53 2.15 0.00	25.36 1.58 0.00	30.15 1.76 0.00	30.27 1.68 0.00	28.66 1.61 0.00	26.14 1.45 0.00	24.78 1.41 0.00	23.87 1.39 0.00	25.26 1.59 0.00	29.07 1.93 0.00	33.63 2.29 0.00	45.94 3.06 0.00	46.04 2.99 0.00	41.67 2.60 0.00	34.72 2.14 0.00	30.27 1.85 0.00
EIGHT_POINT___WT_PWR 323820	32.07 -0.60 0.00	30.06 -0.08 0.00	31.77 -0.05 0.00	30.87 0.02 0.00	37.44 0.17 0.00	47.72 -0.19 0.00	37.90 -0.08 0.00	44.23 -0.12 0.00	29.40 0.02 0.00	23.55 -0.23 0.00	28.09 -0.30 0.00	28.34 -0.26 0.00	26.59 -0.45 0.00	24.30 -0.38 0.00	22.76 -0.61 0.00	21.93 -0.55 0.00	23.30 -0.38 0.00	26.71 -0.43 0.00	31.17 -0.17 0.00	42.96 0.09 0.00	43.40 0.35 0.00	39.34 0.27 0.00	33.21 0.63 0.00	29.04 0.62 0.00
ELBRIDGE_115KV_TB2 80188	32.32 -0.35 0.00	29.81 -0.33 0.00	31.44 -0.38 0.00	30.51 -0.34 0.00	36.90 -0.37 0.00	47.48 -0.43 0.00	37.65 -0.32 0.00	43.94 -0.42 0.00	29.07 -0.31 0.00	23.53 -0.25 0.00	28.15 -0.24 0.00	28.35 -0.25 0.00	26.75 -0.29 0.00	24.43 -0.26 0.00	23.09 -0.28 0.00	22.19 -0.29 0.00	23.35 -0.33 0.00	26.75 -0.39 0.00	30.91 -0.43 0.00	42.30 -0.57 0.00	42.53 -0.53 0.00	38.60 -0.47 0.00	32.28 -0.31 0.00	28.20 -0.22 0.00
ELEC_TRO_TEK 24086	42.18 1.71 -7.80	39.83 1.44 -8.25	33.56 1.64 -0.10	32.42 1.57 0.00	39.12 1.85 0.00	50.34 2.43 0.00	40.01 2.03 0.00	46.97 2.61 0.00	-4.36 1.86 35.60	23.36 1.50 1.93	28.72 1.95 1.62	29.04 1.88 1.44	27.34 1.86 1.56	25.03 1.64 1.30	23.70 1.63 1.30	22.44 1.67 1.70	23.98 1.81 1.51	28.03 2.12 1.23	32.79 2.25 0.79	45.13 2.69 0.44	45.58 2.60 0.07	41.32 2.26 0.01	34.45 1.87 0.00	30.00 1.76 0.19

ELLENBURG_WT_PWR 323604	22.60 -0.72 9.35	29.58 -0.56 0.00	31.24 -0.58 0.00	-12.89 -0.88 42.85	26.51 -1.00 9.76	47.01 -0.90 0.00	37.34 -0.63 0.00	43.47 -0.89 0.00	28.53 -0.85 0.00	23.07 -0.71 0.00	27.35 -1.04 0.00	15.53 -1.11 11.96	14.17 -1.11 11.76	-20.98 -1.02 44.64	1.05 -0.95 21.37	-2.24 -0.96 23.76	-6.59 -1.02 29.25	26.17 -0.97 0.00	30.59 -0.74 0.00	42.81 -0.06 0.00	43.53 0.48 0.00	39.62 0.55 0.00	32.60 0.02 0.00	28.17 -0.25 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.32 -0.35 0.00	29.81 -0.33 0.00	31.36 -0.46 0.00	30.32 -0.53 0.00	36.82 -0.45 0.00	46.95 -0.96 0.00	37.10 -0.87 0.00	42.98 -1.38 0.00	28.84 -0.54 0.00	23.31 -0.47 0.00	28.27 -0.12 0.00	28.58 -0.01 0.00	26.61 -0.43 0.00	24.48 -0.20 0.00	23.07 -0.31 0.00	22.12 -0.36 0.00	23.15 -0.53 0.00	26.12 -1.02 0.00	29.85 -1.48 0.00	40.57 -2.30 0.00	40.91 -2.14 0.00	37.16 -1.91 0.00	31.71 -0.87 0.00	27.71 -0.71 0.00
EMPIRE_CC_1 323656	33.43 0.76 0.00	30.82 0.68 0.00	32.55 0.74 0.00	31.61 0.76 0.00	38.11 0.84 0.00	49.01 1.10 0.00	38.91 0.93 0.00	45.60 1.24 0.00	30.17 0.79 0.00	24.49 0.71 0.00	29.13 0.74 0.00	29.29 0.70 0.00	27.81 0.77 0.00	25.31 0.63 0.00	24.03 0.66 0.00	23.17 0.70 0.00	24.48 0.80 0.00	28.09 0.95 0.00	32.32 0.99 0.00	44.05 1.17 0.00	44.05 1.00 0.00	40.06 0.98 0.00	33.41 0.83 0.00	29.13 0.71 0.00
EMPIRE_CC_2 323658	33.43 0.76 0.00	30.82 0.68 0.00	32.55 0.74 0.00	31.61 0.76 0.00	38.11 0.84 0.00	49.01 1.10 0.00	38.91 0.93 0.00	45.60 1.24 0.00	30.17 0.79 0.00	24.49 0.71 0.00	29.13 0.74 0.00	29.29 0.70 0.00	27.81 0.77 0.00	25.31 0.63 0.00	24.03 0.66 0.00	23.17 0.70 0.00	24.48 0.80 0.00	28.09 0.95 0.00	32.32 0.99 0.00	44.05 1.17 0.00	44.05 1.00 0.00	40.06 0.98 0.00	33.41 0.83 0.00	29.13 0.71 0.00
ENORWICH_115KV_TB1 80156	33.47 0.80 0.00	30.89 0.75 0.00	32.70 0.88 0.00	31.83 0.98 0.00	39.35 2.09 0.00	51.16 3.25 0.00	41.16 3.19 0.00	50.42 6.06 0.00	31.23 1.85 0.00	24.67 0.88 0.00	28.94 0.55 0.00	28.74 0.14 0.00	27.17 0.13 0.00	24.73 0.05 0.00	23.20 -0.17 0.00	22.38 -0.10 0.00	23.81 0.13 0.00	27.79 0.64 0.00	33.21 1.87 0.00	46.40 3.53 0.00	46.89 3.83 0.00	42.37 3.30 0.00	35.44 2.85 0.00	30.86 2.44 0.00
ERIE_ST_34_KV_TB1-2 80199	32.76 0.08 0.00	30.19 0.05 0.00	31.79 -0.03 0.00	30.75 -0.10 0.00	37.35 0.07 0.00	47.64 -0.27 0.00	37.71 -0.26 0.00	43.79 -0.57 0.00	29.37 -0.01 0.00	23.70 -0.08 0.00	28.67 0.28 0.00	28.97 0.38 0.00	27.02 -0.03 0.00	24.85 0.17 0.00	23.40 0.03 0.00	22.44 -0.04 0.00	23.48 -0.19 0.00	26.53 -0.61 0.00	30.35 -0.99 0.00	41.29 -1.59 0.00	41.65 -1.40 0.00	37.80 -1.28 0.00	32.18 -0.40 0.00	28.13 -0.29 0.00
ERIE_WT_PWR 323693	32.52 -0.15 0.00	29.98 -0.16 0.00	31.53 -0.29 0.00	30.50 -0.35 0.00	37.05 -0.22 0.00	47.21 -0.70 0.00	37.35 -0.63 0.00	43.30 -1.07 0.00	29.08 -0.30 0.00	23.46 -0.32 0.00	28.44 0.05 0.00	28.72 0.13 0.00	26.73 -0.31 0.00	24.64 -0.05 0.00	23.22 -0.15 0.00	22.31 -0.17 0.00	23.27 -0.40 0.00	26.29 -0.85 0.00	30.08 -1.26 0.00	40.90 -1.97 0.00	41.24 -1.82 0.00	37.46 -1.62 0.00	31.92 -0.66 0.00	27.88 -0.54 0.00
ESPRGFLD_115KV_TB1 80157	34.21 1.54 0.00	31.53 1.39 0.00	33.33 1.52 0.00	32.30 1.45 0.00	39.26 1.99 0.00	50.67 2.77 0.00	40.35 2.38 0.00	46.94 2.58 0.00	30.66 1.28 0.00	24.56 0.78 0.00	29.28 0.89 0.00	29.45 0.85 0.00	27.82 0.77 0.00	25.36 0.68 0.00	23.93 0.56 0.00	23.07 0.59 0.00	24.32 0.65 0.00	27.97 0.83 0.00	32.70 1.36 0.00	45.16 2.28 0.00	45.49 2.44 0.00	41.26 2.19 0.00	34.37 1.79 0.00	29.95 1.53 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	33.13 0.46 0.00	30.54 0.40 0.00	32.23 0.41 0.00	31.30 0.45 0.00	37.97 0.70 0.00	48.87 0.96 0.00	38.82 0.85 0.00	45.12 0.76 0.00	29.80 0.42 0.00	23.94 0.16 0.00	28.49 0.10 0.00	28.64 0.04 0.00	27.03 -0.02 0.00	24.66 -0.03 0.00	23.29 -0.08 0.00	22.37 -0.11 0.00	23.60 -0.08 0.00	27.15 0.01 0.00	31.65 0.31 0.00	43.65 0.77 0.00	43.96 0.91 0.00	39.83 0.75 0.00	33.30 0.72 0.00	29.07 0.66 0.00
ETNA____115KV_TB2 80207	33.13 0.46 0.00	30.54 0.40 0.00	32.23 0.41 0.00	31.30 0.45 0.00	37.97 0.70 0.00	48.87 0.96 0.00	38.82 0.85 0.00	45.12 0.76 0.00	29.80 0.42 0.00	23.94 0.16 0.00	28.49 0.10 0.00	28.64 0.04 0.00	27.03 -0.02 0.00	24.66 -0.03 0.00	23.29 -0.08 0.00	22.37 -0.11 0.00	23.60 -0.08 0.00	27.15 0.01 0.00	31.65 0.31 0.00	43.65 0.77 0.00	43.96 0.91 0.00	39.83 0.75 0.00	33.30 0.72 0.00	29.07 0.66 0.00
EUCLID____115KV_TB2 356179	32.12 -0.54 0.00	29.63 -0.50 0.00	31.25 -0.56 0.00	30.33 -0.52 0.00	36.65 -0.62 0.00	47.09 -0.82 0.00	37.39 -0.58 0.00	43.64 -0.72 0.00	28.90 -0.48 0.00	23.43 -0.35 0.00	28.05 -0.34 0.00	28.26 -0.34 0.00	26.69 -0.36 0.00	24.36 -0.32 0.00	23.04 -0.33 0.00	22.13 -0.35 0.00	23.28 -0.39 0.00	26.65 -0.49 0.00	30.76 -0.58 0.00	42.06 -0.82 0.00	42.24 -0.81 0.00	38.31 -0.76 0.00	32.03 -0.55 0.00	27.98 -0.44 0.00
E_CANADA_CAP_HY 24051	34.40 1.74 0.00	31.72 1.58 0.00	33.53 1.71 0.00	32.47 1.62 0.00	39.40 2.14 0.00	50.87 2.96 0.00	40.48 2.51 0.00	46.76 2.41 0.00	30.21 0.83 0.00	24.12 0.33 0.00	28.73 0.34 0.00	28.91 0.31 0.00	27.31 0.27 0.00	24.90 0.22 0.00	23.55 0.18 0.00	22.77 0.29 0.00	23.97 0.29 0.00	27.58 0.44 0.00	32.48 1.14 0.00	45.18 2.30 0.00	45.58 2.53 0.00	41.49 2.42 0.00	34.50 1.91 0.00	30.02 1.60 0.00
E_CANADA_MHWK_HY 24050	32.43 -0.24 0.00	29.83 -0.32 0.00	31.54 -0.28 0.00	30.73 -0.12 0.00	37.35 0.08 0.00	48.15 0.25 0.00	38.50 0.53 0.00	44.53 0.17 0.00	28.55 -0.83 0.00	22.58 -1.20 0.00	26.54 -1.85 0.00	26.56 -2.03 0.00	25.59 -1.46 0.00	23.27 -1.41 0.00	22.08 -1.28 0.00	21.51 -0.97 0.00	22.73 -0.94 0.00	26.46 -0.68 0.00	31.25 -0.09 0.00	43.20 0.32 0.00	43.35 0.30 0.00	39.43 0.36 0.00	32.91 0.32 0.00	28.64 0.22 0.00
E_FISHKILL____LBMP 23776	35.02 1.36 -0.99	32.48 1.17 -1.18	33.12 1.31 0.00	32.17 1.32 0.00	38.89 1.62 0.00	50.04 2.13 0.00	39.84 1.87 0.00	46.78 2.42 0.00	30.96 1.58 0.00	25.02 1.24 0.00	29.80 1.41 0.00	29.99 1.39 0.00	28.43 1.38 0.00	25.91 1.23 0.00	24.59 1.22 0.00	23.71 1.24 0.00	25.05 1.38 0.00	28.73 1.59 0.00	33.05 1.71 0.00	45.03 2.15 0.00	45.13 2.08 0.00	40.89 1.82 0.00	34.08 1.50 0.00	29.71 1.30 0.00
FALCON____SEABRD_CC1 323796	22.88 -0.35 9.44	29.95 -0.19 0.00	31.63 -0.19 0.00	-12.93 -0.51 43.27	26.80 -0.62 9.86	47.57 -0.33 0.00	37.78 -0.19 0.00	44.06 -0.30 0.00	28.82 -0.57 0.00	23.34 -0.44 0.00	27.60 -0.79 0.00	15.63 -0.89 12.07	14.29 -0.88 11.88	-21.22 -0.83 45.08	1.02 -0.78 21.57	-2.31 -0.80 24.00	-6.71 -0.86 29.53	26.39 -0.75 0.00	30.83 -0.51 0.00	43.21 0.33 0.00	44.01 0.96 0.00	40.09 1.02 0.00	33.00 0.42 0.00	28.52 0.10 0.00

FALCON___SEABRD_CC2 323797	22.88 -0.35 9.44	29.95 -0.19 0.00	31.63 -0.19 0.00	-12.93 -0.51 43.27	26.80 -0.62 9.86	47.57 -0.33 0.00	37.78 -0.19 0.00	44.06 -0.30 0.00	28.82 -0.57 0.00	23.34 -0.44 0.00	27.60 -0.79 0.00	15.63 -0.89 12.07	14.29 -0.88 11.88	-21.22 -0.83 45.08	1.02 -0.78 21.57	-2.31 -0.80 24.00	-6.71 -0.86 29.53	26.39 -0.75 0.00	30.83 -0.51 0.00	43.21 0.33 0.00	44.01 0.96 0.00	40.09 1.02 0.00	33.00 0.42 0.00	28.52 0.10 0.00
FAR ROCKAWAY___4 23548	42.61 2.13 -7.82	40.21 1.81 -8.25	33.95 2.03 -0.10	32.79 1.94 0.00	39.54 2.27 0.00	50.87 2.96 0.00	40.43 2.46 0.00	47.45 3.09 0.00	-4.04 2.18 35.60	23.61 1.75 1.93	29.06 2.29 1.62	29.38 2.22 1.44	27.66 2.17 1.56	25.32 1.94 1.30	23.98 1.91 1.30	22.71 1.93 1.70	24.26 2.09 1.51	28.37 2.46 1.23	33.20 2.66 0.79	45.70 3.26 0.44	46.18 3.20 0.07	41.85 2.79 0.01	34.88 2.30 0.00	30.36 2.12 0.19
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	64.37 2.14 -29.56	53.22 1.84 -21.24	35.22 2.01 -1.39	32.87 2.02 0.00	39.76 2.49 0.00	51.15 3.24 0.00	40.75 2.78 0.00	47.87 3.51 0.00	533.91 2.31 -502.22	52.73 1.77 -27.18	53.31 2.08 -22.85	50.93 2.05 -20.28	50.99 2.00 -21.94	44.79 1.79 -18.32	43.43 1.76 -18.30	48.25 1.76 -24.02	46.87 1.93 -21.26	46.73 2.22 -17.36	44.94 2.43 -11.17	52.12 3.11 -6.14	47.11 3.04 -1.02	41.89 2.66 -0.16	34.81 2.22 -0.02	33.00 1.95 -2.63
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	64.38 2.14 -29.56	53.22 1.84 -21.24	35.23 2.02 -1.39	32.87 2.02 0.00	39.76 2.49 0.00	51.15 3.24 0.00	40.75 2.78 0.00	47.87 3.51 0.00	533.91 2.31 -502.22	52.73 1.76 -27.18	53.31 2.08 -22.85	50.93 2.05 -20.28	50.98 2.00 -21.94	44.79 1.79 -18.32	43.42 1.75 -18.30	48.25 1.75 -24.02	46.86 1.92 -21.26	46.72 2.22 -17.36	44.94 2.42 -11.17	52.12 3.11 -6.14	47.11 3.05 -1.02	41.89 2.66 -0.16	34.82 2.22 -0.02	33.00 1.95 -2.63
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	64.35 2.12 -29.56	53.19 1.81 -21.24	35.20 1.99 -1.39	32.85 2.00 0.00	39.73 2.47 0.00	51.11 3.20 0.00	40.72 2.75 0.00	47.85 3.49 0.00	533.89 2.29 -502.22	52.72 1.76 -27.18	53.29 2.06 -22.85	50.91 2.04 -20.28	50.96 1.98 -21.94	44.78 1.78 -18.32	43.41 1.74 -18.30	48.24 1.75 -24.02	46.85 1.91 -21.26	46.71 2.20 -17.36	44.92 2.41 -11.17	52.07 3.07 -6.14	47.07 3.00 -1.02	41.86 2.63 -0.16	34.79 2.19 -0.02	32.97 1.93 -2.63
FARRAGUT___LBMP 323566	64.33 2.09 -29.56	53.18 1.81 -21.24	35.18 1.97 -1.39	32.82 1.97 0.00	39.71 2.44 0.00	51.07 3.17 0.00	40.70 2.73 0.00	47.81 3.45 0.00	533.86 2.26 -502.22	52.69 1.73 -27.18	53.26 2.03 -22.85	50.87 2.00 -20.28	50.94 1.95 -21.94	44.75 1.75 -18.32	43.39 1.72 -18.30	48.22 1.72 -24.02	46.83 1.89 -21.26	46.68 2.18 -17.36	44.89 2.37 -11.17	52.04 3.03 -6.14	47.03 2.97 -1.02	41.83 2.60 -0.16	34.76 2.16 -0.02	32.96 1.92 -2.63
FENNER___WINDPWR 24204	33.01 0.35 0.00	30.47 0.33 0.00	32.16 0.34 0.00	31.29 0.44 0.00	37.81 0.54 0.00	48.65 0.75 0.00	38.69 0.72 0.00	45.13 0.77 0.00	29.70 0.32 0.00	23.90 0.12 0.00	28.46 0.07 0.00	28.68 0.09 0.00	27.10 0.05 0.00	24.71 0.03 0.00	23.34 -0.03 0.00	22.45 -0.03 0.00	23.67 0.00 0.00	27.28 0.13 0.00	31.78 0.44 0.00	43.76 0.88 0.00	44.00 0.95 0.00	39.82 0.75 0.00	33.20 0.62 0.00	28.95 0.53 0.00
FIBERTEK___ENERGY 23856	32.47 -0.20 0.00	29.96 -0.18 0.00	31.57 -0.25 0.00	30.64 -0.21 0.00	37.05 -0.22 0.00	47.64 -0.27 0.00	37.84 -0.13 0.00	44.14 -0.22 0.00	29.19 -0.19 0.00	23.63 -0.15 0.00	28.27 -0.11 0.00	28.48 -0.11 0.00	26.89 -0.15 0.00	24.55 -0.14 0.00	23.21 -0.16 0.00	22.31 -0.16 0.00	23.48 -0.19 0.00	26.91 -0.23 0.00	31.10 -0.23 0.00	42.57 -0.31 0.00	42.78 -0.27 0.00	38.79 -0.28 0.00	32.43 -0.16 0.00	28.31 -0.11 0.00
FITZPATRICK____ 23598	31.63 -1.04 0.00	29.20 -0.94 0.00	30.80 -1.02 0.00	29.88 -0.97 0.00	36.08 -1.19 0.00	46.34 -1.57 0.00	36.79 -1.19 0.00	42.92 -1.44 0.00	28.45 -0.93 0.00	23.10 -0.68 0.00	27.66 -0.73 0.00	27.87 -0.72 0.00	26.32 -0.72 0.00	24.04 -0.64 0.00	22.74 -0.63 0.00	21.84 -0.64 0.00	22.95 -0.73 0.00	26.25 -0.89 0.00	30.28 -1.06 0.00	41.39 -1.48 0.00	41.58 -1.47 0.00	37.72 -1.36 0.00	31.53 -1.05 0.00	27.55 -0.87 0.00
FLOWRFLD_69_KV_BK1 356044	42.15 1.70 -7.79	39.89 1.50 -8.25	33.59 1.68 -0.10	32.36 1.51 0.00	38.95 1.68 0.00	50.15 2.24 0.00	39.80 1.83 0.00	46.67 2.31 0.00	-4.55 1.67 35.60	27.13 1.24 -2.11	32.88 1.78 -2.71	30.04 1.71 0.25	29.42 1.66 -0.72	27.84 1.46 -1.70	24.51 1.46 0.31	22.33 1.56 1.70	23.88 1.71 1.51	27.99 2.08 1.23	32.67 2.12 0.79	44.99 2.55 0.44	45.37 2.39 0.07	41.31 2.25 0.01	34.53 1.95 0.00	30.06 1.83 0.19
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.66 1.73 -0.26	31.94 1.49 -0.31	33.47 1.65 0.00	32.50 1.65 0.00	39.29 2.02 0.00	50.58 2.68 0.00	40.32 2.35 0.00	47.33 2.97 0.00	31.30 1.92 0.00	25.26 1.48 0.00	30.07 1.67 0.00	30.23 1.64 0.00	28.64 1.60 0.00	26.10 1.43 0.00	24.78 1.41 0.00	23.89 1.41 0.00	25.27 1.59 0.00	29.01 1.87 0.00	33.43 2.09 0.00	45.58 2.71 0.00	45.69 2.64 0.00	41.37 2.29 0.00	34.46 1.88 0.00	30.02 1.60 0.00
FORT ORANGE____ 23900	33.19 0.52 0.00	30.63 0.49 0.00	32.33 0.51 0.00	31.40 0.55 0.00	37.85 0.58 0.00	48.67 0.76 0.00	38.70 0.72 0.00	45.28 0.92 0.00	29.92 0.54 0.00	24.24 0.45 0.00	28.82 0.43 0.00	28.99 0.39 0.00	27.49 0.45 0.00	25.05 0.36 0.00	23.76 0.39 0.00	22.90 0.43 0.00	24.21 0.53 0.00	27.82 0.67 0.00	32.10 0.76 0.00	43.81 0.93 0.00	43.85 0.79 0.00	39.85 0.78 0.00	33.22 0.64 0.00	28.97 0.55 0.00
FORT_DRUM_COGEN 23780	32.68 -0.41 -0.42	30.20 0.06 0.00	31.95 0.14 0.00	32.62 -0.17 -1.93	37.27 -0.44 0.00	47.51 -0.40 0.00	37.96 -0.01 0.00	43.96 -0.40 0.00	28.44 -0.94 0.00	22.26 -1.52 0.00	26.34 -2.05 0.00	27.61 -1.52 -0.54	26.37 -1.20 -0.53	25.49 -1.21 -2.01	22.89 -1.45 -0.96	22.23 -1.31 -1.07	23.72 -1.27 -1.32	26.00 -1.14 0.00	30.85 -0.49 0.00	43.58 0.71 0.00	43.88 0.83 0.00	39.09 0.02 0.00	32.10 -0.49 0.00	28.05 -0.37 0.00
FOX_HILLS___ESR 323835	67.40 2.09 -32.65	57.56 1.87 -25.55	50.15 2.20 -16.13	50.58 2.16 -17.57	50.66 2.52 -10.88	54.11 3.14 -3.06	49.01 2.90 -8.14	54.29 3.71 -6.22	537.70 2.36 -505.96	55.24 1.77 -29.69	55.36 2.07 -24.89	55.37 2.07 -24.71	55.84 2.06 -26.73	49.85 1.90 -23.27	48.31 1.81 -23.14	53.44 1.76 -29.20	49.69 1.91 -24.10	50.54 2.24 -21.16	49.13 2.53 -15.26	52.47 3.11 -6.49	54.84 3.11 -8.68	49.60 2.82 -7.70	49.13 2.39 -14.16	48.22 1.89 -17.90
FPL FAR_ROCK_GT1 24212	42.61 2.13 -7.82	40.20 1.81 -8.25	33.96 2.03 -0.10	32.79 1.94 0.00	39.54 2.28 0.00	50.87 2.96 0.00	40.43 2.46 0.00	47.45 3.09 0.00	-4.04 2.18 35.60	23.61 1.76 1.93	29.05 2.28 1.62	29.37 2.22 1.44	27.67 2.18 1.56	25.32 1.93 1.30	23.97 1.90 1.30	22.71 1.93 1.70	24.27 2.10 1.51	28.38 2.47 1.23	33.19 2.65 0.79	45.70 3.26 0.44	46.17 3.19 0.07	41.84 2.78 0.01	34.88 2.30 0.00	30.37 2.13 0.19



FPL FAR_ROCK_GT2 23815	42.61 2.13 -7.82	40.20 1.81 -8.25	33.96 2.03 -0.10	32.79 1.94 0.00	39.54 2.28 0.00	50.87 2.96 0.00	40.43 2.46 0.00	47.45 3.09 0.00	-4.04 2.18 35.60	23.61 1.76 1.93	29.05 2.28 1.62	29.37 2.22 1.44	27.67 2.18 1.56	25.32 1.93 1.30	23.97 1.90 1.30	22.71 1.93 1.70	24.27 2.10 1.51	28.38 2.47 1.23	33.19 2.65 0.79	45.70 3.26 0.44	46.17 3.19 0.07	41.84 2.78 0.01	34.88 2.30 0.00	30.37 2.13 0.19
FRANKLIN_FALL_HYD 24054	39.04 -0.32 -6.70	29.92 -0.22 0.00	31.58 -0.24 0.00	61.05 -0.50 -30.70	43.73 -0.54 -6.99	47.55 -0.36 0.00	37.73 -0.25 0.00	43.89 -0.47 0.00	28.82 -0.56 0.00	23.22 -0.56 0.00	27.51 -0.88 0.00	36.21 -0.92 -8.54	34.49 -0.97 -8.42	55.78 -0.88 -31.97	37.81 -0.85 -15.30	38.63 -0.87 -17.02	43.70 -0.93 -20.95	26.25 -0.89 0.00	30.75 -0.59 0.00	43.05 0.17 0.00	43.80 0.75 0.00	39.81 0.73 0.00	32.74 0.15 0.00	28.29 -0.13 0.00
FREEPORT_EQUS_GT1 23764	42.29 1.82 -7.80	39.92 1.53 -8.25	33.65 1.73 -0.10	32.48 1.63 0.00	39.17 1.90 0.00	50.41 2.51 0.00	40.05 2.08 0.00	47.02 2.67 0.00	-4.36 1.86 35.60	23.34 1.49 1.93	28.72 1.95 1.62	29.03 1.87 1.44	27.33 1.84 1.56	25.01 1.62 1.30	23.68 1.61 1.30	22.43 1.65 1.70	23.99 1.82 1.51	28.06 2.15 1.23	32.82 2.27 0.79	45.19 2.75 0.44	45.64 2.66 0.07	41.39 2.33 0.01	34.51 1.93 0.00	30.04 1.81 0.19
FREEPORT___CT2 23818	42.29 1.82 -7.80	39.92 1.53 -8.25	33.65 1.73 -0.10	32.48 1.63 0.00	39.17 1.90 0.00	50.41 2.51 0.00	40.05 2.08 0.00	47.02 2.67 0.00	-4.36 1.86 35.60	23.34 1.49 1.93	28.72 1.95 1.62	29.03 1.87 1.44	27.33 1.84 1.56	25.01 1.62 1.30	23.68 1.61 1.30	22.43 1.65 1.70	23.99 1.82 1.51	28.06 2.15 1.23	32.82 2.27 0.79	45.19 2.75 0.44	45.64 2.66 0.07	41.39 2.33 0.01	34.51 1.93 0.00	30.04 1.81 0.19
FRESHKLS_33_KV_LOAD 356253	67.25 1.93 -32.65	57.48 1.79 -25.55	50.12 2.18 -16.13	50.54 2.12 -17.57	50.57 2.42 -10.88	53.93 2.96 -3.06	48.94 2.83 -8.14	54.23 3.65 -6.22	537.61 2.28 -505.96	55.16 1.69 -29.69	55.24 1.96 -24.89	55.26 1.95 -24.71	55.75 1.97 -26.73	49.78 1.83 -23.27	48.25 1.74 -23.14	53.36 1.68 -29.20	49.60 1.82 -24.10	50.46 2.16 -21.16	49.06 2.46 -15.26	52.34 2.98 -6.49	54.73 3.01 -8.68	49.53 2.75 -7.70	49.09 2.35 -14.16	48.12 1.80 -17.90
FULTON COGEN____ 23766	31.95 -0.72 0.00	29.48 -0.66 0.00	31.09 -0.73 0.00	30.17 -0.68 0.00	36.44 -0.82 0.00	46.82 -1.09 0.00	37.20 -0.78 0.00	43.42 -0.94 0.00	28.72 -0.66 0.00	23.27 -0.51 0.00	27.84 -0.54 0.00	28.01 -0.58 0.00	26.45 -0.59 0.00	24.16 -0.52 0.00	22.83 -0.54 0.00	21.91 -0.57 0.00	23.04 -0.64 0.00	26.40 -0.74 0.00	30.51 -0.83 0.00	41.84 -1.03 0.00	42.03 -1.02 0.00	38.11 -0.97 0.00	31.85 -0.73 0.00	27.82 -0.60 0.00
FULTON___LFGE 323630	34.52 1.85 0.00	31.81 1.67 0.00	33.59 1.78 0.00	32.55 1.70 0.00	39.44 2.17 0.00	50.89 2.98 0.00	40.48 2.51 0.00	46.64 2.28 0.00	29.85 0.46 0.00	23.77 -0.01 0.00	28.26 -0.13 0.00	28.38 -0.21 0.00	26.87 -0.18 0.00	24.47 -0.21 0.00	23.18 -0.19 0.00	22.36 -0.12 0.00	23.62 -0.05 0.00	27.30 0.16 0.00	32.45 1.11 0.00	45.37 2.49 0.00	45.73 2.68 0.00	41.54 2.47 0.00	34.53 1.94 0.00	30.04 1.63 0.00
G.F.CEMENT___DRP 24184	34.24 1.58 0.00	31.57 1.43 0.00	33.30 1.48 0.00	32.30 1.45 0.00	39.22 1.95 0.00	50.98 3.07 0.00	40.52 2.55 0.00	47.58 3.22 0.00	32.57 3.19 0.00	25.92 2.14 0.00	30.25 1.86 0.00	29.95 1.36 0.00	27.96 0.92 0.00	25.36 0.68 0.00	24.10 0.73 0.00	23.31 0.83 0.00	24.71 1.03 0.00	28.49 1.35 0.00	33.12 1.78 0.00	45.25 2.38 0.00	45.40 2.35 0.00	41.22 2.15 0.00	34.22 1.64 0.00	29.75 1.33 0.00
GARDENVILLE___LBMP 24039	32.43 -0.23 0.00	29.91 -0.23 0.00	31.48 -0.34 0.00	30.44 -0.41 0.00	36.97 -0.30 0.00	47.15 -0.76 0.00	37.28 -0.69 0.00	43.20 -1.16 0.00	28.98 -0.40 0.00	23.41 -0.37 0.00	28.36 -0.03 0.00	28.67 0.07 0.00	26.70 -0.34 0.00	24.55 -0.13 0.00	23.13 -0.24 0.00	22.18 -0.29 0.00	23.23 -0.45 0.00	26.23 -0.91 0.00	30.01 -1.33 0.00	40.81 -2.07 0.00	41.15 -1.90 0.00	37.37 -1.71 0.00	31.86 -0.72 0.00	27.85 -0.57 0.00
GARDNVLA_35_KV_LD 355827	32.53 -0.13 0.00	30.00 -0.14 0.00	31.55 -0.27 0.00	30.52 -0.33 0.00	37.06 -0.21 0.00	47.26 -0.65 0.00	37.37 -0.60 0.00	43.33 -1.04 0.00	29.08 -0.30 0.00	23.49 -0.29 0.00	28.46 0.07 0.00	28.76 0.17 0.00	26.79 -0.26 0.00	24.63 -0.05 0.00	23.21 -0.16 0.00	22.26 -0.22 0.00	23.30 -0.37 0.00	26.31 -0.83 0.00	30.10 -1.24 0.00	40.92 -1.95 0.00	41.27 -1.78 0.00	37.48 -1.59 0.00	31.94 -0.64 0.00	27.91 -0.51 0.00
GELCKHM___115KV_LOAD 80723	32.25 -0.42 0.00	29.75 -0.39 0.00	31.37 -0.45 0.00	30.43 -0.42 0.00	36.78 -0.48 0.00	47.29 -0.62 0.00	37.55 -0.43 0.00	43.82 -0.54 0.00	29.00 -0.38 0.00	23.49 -0.29 0.00	28.12 -0.27 0.00	28.34 -0.26 0.00	26.75 -0.30 0.00	24.43 -0.26 0.00	23.09 -0.28 0.00	22.20 -0.28 0.00	23.35 -0.33 0.00	26.74 -0.40 0.00	30.89 -0.45 0.00	42.23 -0.64 0.00	42.44 -0.61 0.00	38.47 -0.60 0.00	32.18 -0.41 0.00	28.09 -0.33 0.00
GENERAL___MILLS 23808	32.50 -0.17 0.00	29.97 -0.17 0.00	31.53 -0.29 0.00	30.49 -0.36 0.00	37.03 -0.24 0.00	47.21 -0.69 0.00	37.34 -0.64 0.00	43.27 -1.09 0.00	29.03 -0.35 0.00	23.45 -0.33 0.00	28.42 0.03 0.00	28.71 0.12 0.00	26.74 -0.30 0.00	24.60 -0.08 0.00	23.17 -0.20 0.00	22.23 -0.25 0.00	23.27 -0.41 0.00	26.28 -0.87 0.00	30.06 -1.28 0.00	40.86 -2.01 0.00	41.21 -1.84 0.00	37.43 -1.64 0.00	31.90 -0.68 0.00	27.88 -0.54 0.00
GE_PLASTICS___DRP 24183	33.13 0.46 0.00	30.57 0.42 0.00	32.27 0.45 0.00	31.33 0.48 0.00	37.79 0.52 0.00	48.58 0.67 0.00	38.60 0.63 0.00	45.18 0.82 0.00	29.91 0.53 0.00	24.24 0.46 0.00	28.87 0.48 0.00	29.05 0.46 0.00	27.55 0.50 0.00	25.10 0.42 0.00	23.81 0.44 0.00	22.95 0.48 0.00	24.24 0.56 0.00	27.81 0.67 0.00	32.04 0.70 0.00	43.67 0.80 0.00	43.72 0.67 0.00	39.72 0.65 0.00	33.12 0.54 0.00	28.90 0.48 0.00
GILBOA___1 23756	33.25 0.58 0.00	30.65 0.50 0.00	32.38 0.57 0.00	31.43 0.58 0.00	37.98 0.70 0.00	48.83 0.91 0.00	38.72 0.75 0.00	45.36 1.00 0.00	30.07 0.70 0.00	24.36 0.58 0.00	29.05 0.66 0.00	29.25 0.65 0.00	27.70 0.66 0.00	25.26 0.57 0.00	23.94 0.57 0.00	23.06 0.59 0.00	24.34 0.67 0.00	27.90 0.76 0.00	32.12 0.79 0.00	43.77 0.90 0.00	43.86 0.81 0.00	39.85 0.78 0.00	33.25 0.67 0.00	29.01 0.59 0.00
GILBOA___2 23757	33.25 0.58 0.00	30.65 0.50 0.00	32.38 0.57 0.00	31.43 0.58 0.00	37.98 0.70 0.00	48.83 0.91 0.00	38.72 0.75 0.00	45.36 1.00 0.00	30.07 0.70 0.00	24.36 0.58 0.00	29.05 0.66 0.00	29.25 0.65 0.00	27.70 0.66 0.00	25.26 0.57 0.00	23.94 0.57 0.00	23.06 0.59 0.00	24.34 0.67 0.00	27.90 0.76 0.00	32.12 0.79 0.00	43.77 0.90 0.00	43.86 0.81 0.00	39.85 0.78 0.00	33.25 0.67 0.00	29.01 0.59 0.00

GILBOA___3 23758	33.25 0.58 0.00	30.65 0.50 0.00	32.38 0.57 0.00	31.43 0.58 0.00	37.98 0.70 0.00	48.83 0.91 0.00	38.72 0.75 0.00	45.36 1.00 0.00	30.07 0.70 0.00	24.36 0.58 0.00	29.05 0.66 0.00	29.25 0.65 0.00	27.70 0.66 0.00	25.26 0.57 0.00	23.94 0.57 0.00	23.06 0.59 0.00	24.34 0.67 0.00	27.90 0.76 0.00	32.12 0.79 0.00	43.77 0.90 0.00	43.86 0.81 0.00	39.85 0.78 0.00	33.25 0.67 0.00	29.01 0.59 0.00
GILBOA___4 23759	33.25 0.58 0.00	30.65 0.50 0.00	32.38 0.57 0.00	31.43 0.58 0.00	37.98 0.70 0.00	48.83 0.91 0.00	38.72 0.75 0.00	45.36 1.00 0.00	30.07 0.70 0.00	24.36 0.58 0.00	29.05 0.66 0.00	29.25 0.65 0.00	27.70 0.66 0.00	25.26 0.57 0.00	23.94 0.57 0.00	23.06 0.59 0.00	24.34 0.67 0.00	27.90 0.76 0.00	32.12 0.79 0.00	43.77 0.90 0.00	43.86 0.81 0.00	39.85 0.78 0.00	33.25 0.67 0.00	29.01 0.59 0.00
GILBOA___ 23599	33.25 0.58 0.00	30.65 0.51 0.00	32.38 0.57 0.00	31.44 0.58 0.00	37.98 0.71 0.00	48.83 0.92 0.00	38.72 0.75 0.00	45.36 1.00 0.00	30.08 0.70 0.00	24.36 0.57 0.00	29.05 0.66 0.00	29.25 0.65 0.00	27.70 0.66 0.00	25.26 0.58 0.00	23.95 0.58 0.00	23.06 0.58 0.00	24.34 0.67 0.00	27.90 0.75 0.00	32.12 0.79 0.00	43.77 0.90 0.00	43.86 0.81 0.00	39.85 0.78 0.00	33.25 0.67 0.00	29.01 0.59 0.00
GINNA___ 23603	30.98 -1.69 0.00	28.57 -1.57 0.00	30.08 -1.74 0.00	29.13 -1.72 0.00	35.30 -1.96 0.00	45.29 -2.62 0.00	35.94 -2.04 0.00	41.71 -2.65 0.00	27.72 -1.67 0.00	22.38 -1.40 0.00	26.90 -1.49 0.00	27.13 -1.46 0.00	25.45 -1.60 0.00	23.33 -1.36 0.00	22.02 -1.35 0.00	21.13 -1.35 0.00	22.14 -1.54 0.00	25.25 -1.89 0.00	29.12 -2.21 0.00	39.83 -3.05 0.00	40.05 -3.00 0.00	36.35 -2.73 0.00	30.60 -1.98 0.00	26.69 -1.73 0.00
GLEN PARK___ 23778	32.76 -0.31 -0.40	30.28 0.14 0.00	32.03 0.21 0.00	32.59 -0.09 -1.83	37.35 -0.34 -0.42	47.65 -0.26 0.00	38.10 0.13 0.00	44.09 -0.27 0.00	28.42 -0.96 0.00	22.21 -1.57 0.00	26.28 -2.11 0.00	27.51 -1.60 -0.51	26.27 -1.28 -0.50	25.31 -1.28 -1.90	22.77 -1.51 -0.91	22.12 -1.38 -1.01	23.58 -1.35 -1.25	25.91 -1.23 0.00	30.79 -0.55 0.00	43.65 0.77 0.00	44.01 0.95 0.00	39.20 0.12 0.00	32.20 -0.39 0.00	28.13 -0.29 0.00
GLENDALE_27_KV_LOAD 356172	175.37 2.31 -140.39	57.69 2.00 -25.55	38.56 2.19 -4.56	33.04 2.18 -0.01	39.92 2.65 0.00	51.30 3.40 0.00	40.95 2.98 0.00	48.13 3.77 0.00	643.89 2.47 -612.05	58.78 1.88 -33.12	58.44 2.21 -27.83	55.50 2.21 -24.71	55.92 2.14 -26.73	48.93 1.93 -22.32	47.52 1.85 -22.30	53.58 1.84 -29.26	51.61 2.02 -25.91	50.62 2.32 -21.16	47.53 2.57 -13.61	53.63 3.28 -7.47	47.50 3.21 -1.24	42.14 2.87 -0.19	35.00 2.39 -0.03	33.65 2.03 -3.20
GLENWOOD_IC_1_G5 23712	42.34 1.88 -7.80	39.98 1.59 -8.25	33.71 1.79 -0.10	32.60 1.75 0.00	39.37 2.11 0.00	50.65 2.75 0.00	40.31 2.34 0.00	47.34 2.98 0.00	-4.19 2.03 35.60	23.47 1.61 1.93	28.78 2.01 1.62	29.11 1.95 1.44	27.40 1.92 1.56	25.09 1.71 1.30	23.76 1.69 1.30	22.48 1.70 1.70	24.03 1.86 1.51	28.08 2.17 1.23	32.87 2.32 0.79	45.18 2.74 0.44	45.63 2.65 0.07	41.50 2.44 0.01	34.59 2.01 0.00	30.05 1.82 0.19
GLENWOOD_IC_2_G1 23688	42.24 1.78 -7.79	39.90 1.51 -8.25	33.62 1.70 -0.10	32.53 1.68 0.00	39.31 2.04 0.00	50.56 2.65 0.00	40.25 2.28 0.00	47.27 2.91 0.00	-4.27 1.96 35.60	23.39 1.54 1.93	28.64 1.87 1.62	28.99 1.83 1.44	27.29 1.80 1.56	24.99 1.60 1.30	23.65 1.57 1.30	22.37 1.59 1.70	23.93 1.76 1.51	27.95 2.04 1.23	32.74 2.19 0.79	45.15 2.71 0.44	45.61 2.63 0.07	41.37 2.31 0.01	34.49 1.91 0.00	29.96 1.73 0.19
GLENWOOD_IC_3_G1 23689	42.24 1.78 -7.79	39.90 1.51 -8.25	33.62 1.70 -0.10	32.53 1.68 0.00	39.31 2.04 0.00	50.56 2.65 0.00	40.25 2.28 0.00	47.27 2.91 0.00	-4.27 1.96 35.60	23.39 1.54 1.93	28.64 1.87 1.62	28.99 1.83 1.44	27.29 1.80 1.56	24.99 1.60 1.30	23.65 1.57 1.30	22.37 1.59 1.70	23.93 1.76 1.51	27.95 2.04 1.23	32.74 2.19 0.79	45.15 2.71 0.44	45.61 2.63 0.07	41.37 2.31 0.01	34.49 1.91 0.00	29.96 1.73 0.19
GLENWOOD___4 23550	42.34 1.88 -7.80	39.98 1.59 -8.25	33.71 1.79 -0.10	32.60 1.75 0.00	39.37 2.11 0.00	50.65 2.75 0.00	40.31 2.34 0.00	47.34 2.98 0.00	-4.19 2.03 35.60	23.47 1.61 1.93	28.78 2.01 1.62	29.11 1.95 1.44	27.40 1.92 1.56	25.09 1.71 1.30	23.76 1.69 1.30	22.48 1.70 1.70	24.03 1.86 1.51	28.08 2.17 1.23	32.87 2.32 0.79	45.23 2.79 0.44	45.69 2.71 0.07	41.50 2.44 0.01	34.59 2.01 0.00	30.05 1.82 0.19
GLENWOOD___5 23614	42.34 1.88 -7.80	39.98 1.59 -8.25	33.71 1.79 -0.10	32.60 1.75 0.00	39.37 2.11 0.00	50.65 2.75 0.00	40.31 2.34 0.00	47.34 2.98 0.00	-4.19 2.03 35.60	23.47 1.61 1.93	28.78 2.01 1.62	29.11 1.95 1.44	27.40 1.92 1.56	25.09 1.71 1.30	23.76 1.69 1.30	22.48 1.70 1.70	24.03 1.86 1.51	28.08 2.17 1.23	32.87 2.32 0.79	45.23 2.79 0.44	45.69 2.71 0.07	41.50 2.44 0.01	34.59 2.01 0.00	30.05 1.82 0.19
GLOBAL GREEN_PORT_GT1 23814	41.13 0.67 -7.79	39.05 0.65 -8.25	32.69 0.77 -0.10	31.49 0.64 0.00	37.87 0.60 0.00	48.95 1.04 0.00	39.32 1.35 0.00	45.98 1.62 0.00	-4.94 1.29 35.60	-0.46 0.71 24.96	3.23 1.15 26.32	21.41 1.01 8.19	13.42 0.89 14.52	6.86 0.60 18.42	17.09 0.63 6.91	21.54 0.77 1.70	23.10 0.93 1.51	27.16 1.24 1.23	31.85 1.30 0.79	43.98 1.54 0.44	44.33 1.35 0.07	40.53 1.47 0.01	34.53 1.95 0.00	30.13 1.89 0.19
GLOBE___DSASP 323697	31.41 -1.26 0.00	28.97 -1.17 0.00	30.46 -1.36 0.00	29.41 -1.45 0.00	35.70 -1.57 0.00	45.48 -2.43 0.00	35.86 -2.11 0.00	41.38 -2.98 0.00	27.83 -1.55 0.00	22.55 -1.23 0.00	27.46 -0.93 0.00	27.79 -0.81 0.00	25.82 -1.22 0.00	23.79 -0.89 0.00	22.42 -0.94 0.00	21.49 -0.99 0.00	22.44 -1.24 0.00	25.24 -1.90 0.00	28.74 -2.60 0.00	38.97 -3.91 0.00	39.28 -3.77 0.00	35.78 -3.29 0.00	30.77 -1.81 0.00	26.97 -1.45 0.00
GOETHSLN___LBMP 323567	64.29 2.05 -29.56	53.13 1.75 -21.24	35.14 1.93 -1.39	32.78 1.93 0.00	39.68 2.41 0.00	51.06 3.15 0.00	40.65 2.68 0.00	47.74 3.38 0.00	533.82 2.22 -502.22	52.64 1.67 -27.18	53.18 1.95 -22.85	50.78 1.91 -20.28	50.84 1.86 -21.94	44.68 1.68 -18.32	43.32 1.65 -18.30	48.15 1.66 -24.02	46.76 1.82 -21.26	46.59 2.09 -17.36	44.80 2.29 -11.17	51.92 2.91 -6.14	46.92 2.85 -1.02	41.71 2.48 -0.16	34.66 2.07 -0.02	32.91 1.86 -2.63
GOLAH___69_KV_TB 1_2 80279	32.59 -0.08 0.00	30.05 -0.09 0.00	31.62 -0.20 0.00	30.61 -0.24 0.00	37.11 -0.16 0.00	47.54 -0.37 0.00	37.71 -0.27 0.00	43.71 -0.65 0.00	29.04 -0.34 0.00	23.42 -0.36 0.00	28.19 -0.20 0.00	28.45 -0.14 0.00	26.61 -0.44 0.00	24.41 -0.28 0.00	23.02 -0.35 0.00	22.08 -0.40 0.00	23.13 -0.55 0.00	26.29 -0.85 0.00	30.25 -1.09 0.00	41.45 -1.42 0.00	41.83 -1.22 0.00	37.97 -1.10 0.00	32.10 -0.48 0.00	28.01 -0.42 0.00

GOODYEAR_LAKE_HYD 323669	33.93 1.26 0.00	31.24 1.11 0.00	33.03 1.21 0.00	32.05 1.20 0.00	38.88 1.61 0.00	50.14 2.23 0.00	39.88 1.91 0.00	46.60 2.24 0.00	30.67 1.29 0.00	24.69 0.91 0.00	29.43 1.04 0.00	29.59 0.99 0.00	27.97 0.93 0.00	25.50 0.82 0.00	24.07 0.70 0.00	23.14 0.66 0.00	24.42 0.74 0.00	28.09 0.95 0.00	32.63 1.29 0.00	44.74 1.87 0.00	44.97 1.92 0.00	40.77 1.69 0.00	34.00 1.42 0.00	29.65 1.24 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	33.05 0.39 0.00	30.46 0.32 0.00	32.16 0.35 0.00	31.25 0.40 0.00	37.87 0.60 0.00	48.62 0.71 0.00	38.57 0.60 0.00	45.17 0.81 0.00	29.90 0.51 0.00	24.12 0.34 0.00	28.84 0.45 0.00	29.05 0.45 0.00	27.41 0.37 0.00	25.04 0.36 0.00	23.66 0.29 0.00	22.73 0.25 0.00	23.96 0.28 0.00	27.46 0.32 0.00	31.73 0.39 0.00	43.38 0.50 0.00	43.59 0.54 0.00	39.46 0.38 0.00	33.06 0.48 0.00	28.92 0.50 0.00
GOUDEY___7 23579	33.05 0.39 0.00	30.46 0.32 0.00	32.16 0.35 0.00	31.25 0.40 0.00	37.87 0.60 0.00	48.62 0.71 0.00	38.57 0.60 0.00	45.17 0.81 0.00	29.90 0.51 0.00	24.12 0.34 0.00	28.84 0.45 0.00	29.05 0.45 0.00	27.41 0.37 0.00	25.04 0.36 0.00	23.66 0.29 0.00	22.73 0.25 0.00	23.96 0.28 0.00	27.46 0.32 0.00	31.73 0.39 0.00	43.38 0.50 0.00	43.59 0.54 0.00	39.46 0.38 0.00	33.06 0.48 0.00	28.92 0.50 0.00
GOUDEY___8 23580	33.05 0.39 0.00	30.46 0.32 0.00	32.16 0.35 0.00	31.25 0.40 0.00	37.87 0.60 0.00	48.62 0.71 0.00	38.57 0.60 0.00	45.17 0.81 0.00	29.90 0.51 0.00	24.12 0.34 0.00	28.84 0.45 0.00	29.05 0.45 0.00	27.41 0.37 0.00	25.04 0.36 0.00	23.66 0.29 0.00	22.73 0.25 0.00	23.96 0.28 0.00	27.46 0.32 0.00	31.73 0.39 0.00	43.38 0.50 0.00	43.59 0.54 0.00	39.46 0.38 0.00	33.06 0.48 0.00	28.92 0.50 0.00
GOWANUS_GT1_1 24077	176.93 2.25 -142.01	57.68 1.99 -25.55	50.22 2.27 -16.13	50.67 2.25 -17.57	50.81 2.66 -10.88	54.81 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.41 2.48 -615.55	58.77 1.87 -33.12	58.42 2.20 -27.83	55.50 2.20 -24.71	55.94 2.17 -26.73	49.92 1.97 -23.27	48.39 1.89 -23.14	53.60 1.86 -29.26	51.61 2.02 -25.91	50.64 2.35 -21.16	49.50 2.63 -15.53	53.88 3.30 -7.71	55.09 3.27 -8.76	49.76 2.95 -7.73	49.21 2.47 -14.16	48.44 2.02 -18.01
GOWANUS_GT1_2 24078	176.93 2.25 -142.01	57.68 1.99 -25.55	50.22 2.27 -16.13	50.67 2.25 -17.57	50.81 2.66 -10.88	54.81 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.41 2.48 -615.55	58.77 1.87 -33.12	58.42 2.20 -27.83	55.50 2.20 -24.71	55.94 2.17 -26.73	49.92 1.97 -23.27	48.39 1.89 -23.14	53.60 1.86 -29.26	51.61 2.02 -25.91	50.64 2.35 -21.16	49.50 2.63 -15.53	53.88 3.30 -7.71	55.09 3.27 -8.76	49.76 2.95 -7.73	49.21 2.47 -14.16	48.44 2.02 -18.01
GOWANUS_GT1_3 24079	176.93 2.25 -142.01	57.68 1.99 -25.55	50.22 2.27 -16.13	50.67 2.25 -17.57	50.81 2.66 -10.88	54.81 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.41 2.48 -615.55	58.77 1.87 -33.12	58.42 2.20 -27.83	55.50 2.20 -24.71	55.94 2.17 -26.73	49.92 1.97 -23.27	48.39 1.89 -23.14	53.60 1.86 -29.26	51.61 2.02 -25.91	50.64 2.35 -21.16	49.50 2.63 -15.53	53.88 3.30 -7.71	55.09 3.27 -8.76	49.76 2.95 -7.73	49.21 2.47 -14.16	48.44 2.02 -18.01
GOWANUS_GT1_4 24080	176.93 2.25 -142.01	57.68 1.99 -25.55	50.22 2.27 -16.13	50.67 2.25 -17.57	50.81 2.66 -10.88	54.81 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.41 2.48 -615.55	58.77 1.87 -33.12	58.42 2.20 -27.83	55.50 2.20 -24.71	55.94 2.17 -26.73	49.92 1.97 -23.27	48.39 1.89 -23.14	53.60 1.86 -29.26	51.61 2.02 -25.91	50.64 2.35 -21.16	49.50 2.63 -15.53	53.88 3.30 -7.71	55.09 3.27 -8.76	49.76 2.95 -7.73	49.21 2.47 -14.16	48.44 2.02 -18.01
GOWANUS_GT1_5 24084	176.93 2.25 -142.01	57.68 1.99 -25.55	50.22 2.27 -16.13	50.67 2.25 -17.57	50.81 2.66 -10.88	54.81 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.41 2.48 -615.55	58.77 1.87 -33.12	58.42 2.20 -27.83	55.50 2.20 -24.71	55.94 2.17 -26.73	49.92 1.97 -23.27	48.39 1.89 -23.14	53.60 1.86 -29.26	51.61 2.02 -25.91	50.64 2.35 -21.16	49.50 2.63 -15.53	53.88 3.30 -7.71	55.09 3.27 -8.76	49.76 2.95 -7.73	49.21 2.47 -14.16	48.44 2.02 -18.01
GOWANUS_GT1_6 24111	176.93 2.25 -142.01	57.68 1.99 -25.55	50.22 2.27 -16.13	50.67 2.25 -17.57	50.81 2.66 -10.88	54.81 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.41 2.48 -615.55	58.77 1.87 -33.12	58.42 2.20 -27.83	55.50 2.20 -24.71	55.94 2.17 -26.73	49.92 1.97 -23.27	48.39 1.89 -23.14	53.60 1.86 -29.26	51.61 2.02 -25.91	50.64 2.35 -21.16	49.50 2.63 -15.53	53.88 3.30 -7.71	55.09 3.27 -8.76	49.76 2.95 -7.73	49.21 2.47 -14.16	48.44 2.02 -18.01
GOWANUS_GT1_7 24112	176.93 2.25 -142.01	57.68 1.99 -25.55	50.22 2.27 -16.13	50.67 2.25 -17.57	50.81 2.66 -10.88	54.81 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.41 2.48 -615.55	58.77 1.87 -33.12	58.42 2.20 -27.83	55.50 2.20 -24.71	55.94 2.17 -26.73	49.92 1.97 -23.27	48.39 1.89 -23.14	53.60 1.86 -29.26	51.61 2.02 -25.91	50.64 2.35 -21.16	49.50 2.63 -15.53	53.88 3.30 -7.71	55.09 3.27 -8.76	49.76 2.95 -7.73	49.21 2.47 -14.16	48.44 2.02 -18.01
GOWANUS_GT1_8 24113	176.93 2.25 -142.01	57.68 1.99 -25.55	50.22 2.27 -16.13	50.67 2.25 -17.57	50.81 2.66 -10.88	54.81 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.41 2.48 -615.55	58.77 1.87 -33.12	58.42 2.20 -27.83	55.50 2.20 -24.71	55.94 2.17 -26.73	49.92 1.97 -23.27	48.39 1.89 -23.14	53.60 1.86 -29.26	51.61 2.02 -25.91	50.64 2.35 -21.16	49.50 2.63 -15.53	53.88 3.30 -7.71	55.09 3.27 -8.76	49.76 2.95 -7.73	49.21 2.47 -14.16	48.44 2.02 -18.01
GOWANUS_GT2_1 24114	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
GOWANUS_GT2_2 24115	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
GOWANUS_GT2_3 24116	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01

GOWANUS_GT2_4 24117	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
GOWANUS_GT2_5 24118	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
GOWANUS_GT2_6 24119	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
GOWANUS_GT2_7 24120	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
GOWANUS_GT2_8 24121	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
GOWANUS_GT3_1 24122	176.94 2.26 -142.01	57.68 1.99 -25.55	50.22 2.27 -16.13	50.67 2.25 -17.57	50.81 2.67 -10.88	54.81 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.39 2.46 -615.55	58.76 1.86 -33.12	58.42 2.20 -27.83	55.51 2.21 -24.71	55.92 2.15 -26.73	49.89 1.94 -23.27	48.37 1.87 -23.14	53.58 1.84 -29.26	51.59 2.01 -25.91	50.63 2.33 -21.16	49.50 2.62 -15.53	53.88 3.29 -7.71	55.09 3.28 -8.76	49.76 2.95 -7.73	49.21 2.47 -14.16	48.45 2.02 -18.01
GOWANUS_GT3_2 24123	176.94 2.26 -142.01	57.68 1.99 -25.55	50.22 2.27 -16.13	50.67 2.25 -17.57	50.81 2.67 -10.88	54.81 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.39 2.46 -615.55	58.76 1.86 -33.12	58.42 2.20 -27.83	55.51 2.21 -24.71	55.92 2.15 -26.73	49.89 1.94 -23.27	48.37 1.87 -23.14	53.58 1.84 -29.26	51.59 2.01 -25.91	50.63 2.33 -21.16	49.50 2.62 -15.53	53.88 3.29 -7.71	55.09 3.28 -8.76	49.76 2.95 -7.73	49.21 2.47 -14.16	48.45 2.02 -18.01
GOWANUS_GT3_3 24124	176.94 2.26 -142.01	57.68 1.99 -25.55	50.22 2.27 -16.13	50.67 2.25 -17.57	50.81 2.67 -10.88	54.81 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.39 2.46 -615.55	58.76 1.86 -33.12	58.42 2.20 -27.83	55.51 2.21 -24.71	55.92 2.15 -26.73	49.89 1.94 -23.27	48.37 1.87 -23.14	53.58 1.84 -29.26	51.59 2.01 -25.91	50.63 2.33 -21.16	49.50 2.62 -15.53	53.88 3.29 -7.71	55.09 3.28 -8.76	49.76 2.95 -7.73	49.21 2.47 -14.16	48.45 2.02 -18.01
GOWANUS_GT3_4 24125	176.94 2.26 -142.01	57.68 1.99 -25.55	50.22 2.27 -16.13	50.67 2.25 -17.57	50.81 2.67 -10.88	54.81 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.39 2.46 -615.55	58.76 1.86 -33.12	58.42 2.20 -27.83	55.51 2.21 -24.71	55.92 2.15 -26.73	49.89 1.94 -23.27	48.37 1.87 -23.14	53.58 1.84 -29.26	51.59 2.01 -25.91	50.63 2.33 -21.16	49.50 2.62 -15.53	53.88 3.29 -7.71	55.09 3.28 -8.76	49.76 2.95 -7.73	49.21 2.47 -14.16	48.45 2.02 -18.01
GOWANUS_GT3_5 24126	176.94 2.26 -142.01	57.68 1.99 -25.55	50.22 2.27 -16.13	50.67 2.25 -17.57	50.81 2.67 -10.88	54.81 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.39 2.46 -615.55	58.76 1.86 -33.12	58.42 2.20 -27.83	55.51 2.21 -24.71	55.92 2.15 -26.73	49.89 1.94 -23.27	48.37 1.87 -23.14	53.58 1.84 -29.26	51.59 2.01 -25.91	50.63 2.33 -21.16	49.50 2.62 -15.53	53.88 3.29 -7.71	55.09 3.28 -8.76	49.76 2.95 -7.73	49.21 2.47 -14.16	48.45 2.02 -18.01
GOWANUS_GT3_6 24127	176.94 2.26 -142.01	57.68 1.99 -25.55	50.22 2.27 -16.13	50.67 2.25 -17.57	50.81 2.67 -10.88	54.81 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.39 2.46 -615.55	58.76 1.86 -33.12	58.42 2.20 -27.83	55.51 2.21 -24.71	55.92 2.15 -26.73	49.89 1.94 -23.27	48.37 1.87 -23.14	53.58 1.84 -29.26	51.59 2.01 -25.91	50.63 2.33 -21.16	49.50 2.62 -15.53	53.88 3.29 -7.71	55.09 3.28 -8.76	49.76 2.95 -7.73	49.21 2.47 -14.16	48.45 2.02 -18.01
GOWANUS_GT3_7 24128	176.94 2.26 -142.01	57.68 1.99 -25.55	50.22 2.27 -16.13	50.67 2.25 -17.57	50.81 2.67 -10.88	54.81 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.39 2.46 -615.55	58.76 1.86 -33.12	58.42 2.20 -27.83	55.51 2.21 -24.71	55.92 2.15 -26.73	49.89 1.94 -23.27	48.37 1.87 -23.14	53.58 1.84 -29.26	51.59 2.01 -25.91	50.63 2.33 -21.16	49.50 2.62 -15.53	53.88 3.29 -7.71	55.09 3.28 -8.76	49.76 2.95 -7.73	49.21 2.47 -14.16	48.45 2.02 -18.01
GOWANUS_GT3_8 24129	176.94 2.26 -142.01	57.68 1.99 -25.55	50.22 2.27 -16.13	50.67 2.25 -17.57	50.81 2.67 -10.88	54.81 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.39 2.46 -615.55	58.76 1.86 -33.12	58.42 2.20 -27.83	55.51 2.21 -24.71	55.92 2.15 -26.73	49.89 1.94 -23.27	48.37 1.87 -23.14	53.58 1.84 -29.26	51.59 2.01 -25.91	50.63 2.33 -21.16	49.50 2.62 -15.53	53.88 3.29 -7.71	55.09 3.28 -8.76	49.76 2.95 -7.73	49.21 2.47 -14.16	48.45 2.02 -18.01
GOWANUS_GT4_1 24130	176.94 2.26 -142.01	57.68 1.99 -25.55	50.22 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.82 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.41 2.48 -615.55	58.77 1.87 -33.12	58.43 2.21 -27.83	55.51 2.20 -24.71	55.95 2.18 -26.73	49.93 1.97 -23.27	48.40 1.89 -23.14	53.61 1.86 -29.26	51.61 2.02 -25.91	50.65 2.35 -21.16	49.51 2.64 -15.53	53.90 3.31 -7.71	55.10 3.28 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.44 2.02 -18.01
GOWANUS_GT4_2 24131	176.94 2.26 -142.01	57.68 1.99 -25.55	50.22 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.82 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.41 2.48 -615.55	58.77 1.87 -33.12	58.43 2.21 -27.83	55.51 2.20 -24.71	55.95 2.18 -26.73	49.93 1.97 -23.27	48.40 1.89 -23.14	53.61 1.86 -29.26	51.61 2.02 -25.91	50.65 2.35 -21.16	49.51 2.64 -15.53	53.90 3.31 -7.71	55.10 3.28 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.44 2.02 -18.01

GOWANUS_GT4_3 24132	176.94 2.26 -142.01	57.68 1.99 -25.55	50.22 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.82 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.41 2.48 -615.55	58.77 1.87 -33.12	58.43 2.21 -27.83	55.51 2.20 -24.71	55.95 2.18 -26.73	49.93 1.97 -23.27	48.40 1.89 -23.14	53.61 1.86 -29.26	51.61 2.02 -25.91	50.65 2.35 -21.16	49.51 2.64 -15.53	53.90 3.31 -7.71	55.10 3.28 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.44 2.02 -18.01
GOWANUS_GT4_4 24133	176.94 2.26 -142.01	57.68 1.99 -25.55	50.22 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.82 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.41 2.48 -615.55	58.77 1.87 -33.12	58.43 2.21 -27.83	55.51 2.20 -24.71	55.95 2.18 -26.73	49.93 1.97 -23.27	48.40 1.89 -23.14	53.61 1.86 -29.26	51.61 2.02 -25.91	50.65 2.35 -21.16	49.51 2.64 -15.53	53.90 3.31 -7.71	55.10 3.28 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.44 2.02 -18.01
GOWANUS_GT4_5 24134	176.94 2.26 -142.01	57.68 1.99 -25.55	50.22 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.82 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.41 2.48 -615.55	58.77 1.87 -33.12	58.43 2.21 -27.83	55.51 2.20 -24.71	55.95 2.18 -26.73	49.93 1.97 -23.27	48.40 1.89 -23.14	53.61 1.86 -29.26	51.61 2.02 -25.91	50.65 2.35 -21.16	49.51 2.64 -15.53	53.90 3.31 -7.71	55.10 3.28 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.44 2.02 -18.01
GOWANUS_GT4_6 24135	176.94 2.26 -142.01	57.68 1.99 -25.55	50.22 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.82 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.41 2.48 -615.55	58.77 1.87 -33.12	58.43 2.21 -27.83	55.51 2.20 -24.71	55.95 2.18 -26.73	49.93 1.97 -23.27	48.40 1.89 -23.14	53.61 1.86 -29.26	51.61 2.02 -25.91	50.65 2.35 -21.16	49.51 2.64 -15.53	53.90 3.31 -7.71	55.10 3.28 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.44 2.02 -18.01
GOWANUS_GT4_7 24136	176.94 2.26 -142.01	57.68 1.99 -25.55	50.22 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.82 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.41 2.48 -615.55	58.77 1.87 -33.12	58.43 2.21 -27.83	55.51 2.20 -24.71	55.95 2.18 -26.73	49.93 1.97 -23.27	48.40 1.89 -23.14	53.61 1.86 -29.26	51.61 2.02 -25.91	50.65 2.35 -21.16	49.51 2.64 -15.53	53.90 3.31 -7.71	55.10 3.28 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.44 2.02 -18.01
GOWANUS_GT4_8 24137	176.94 2.26 -142.01	57.68 1.99 -25.55	50.22 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.82 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.41 2.48 -615.55	58.77 1.87 -33.12	58.43 2.21 -27.83	55.51 2.20 -24.71	55.95 2.18 -26.73	49.93 1.97 -23.27	48.40 1.89 -23.14	53.61 1.86 -29.26	51.61 2.02 -25.91	50.65 2.35 -21.16	49.51 2.64 -15.53	53.90 3.31 -7.71	55.10 3.28 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.44 2.02 -18.01
GREENBSH_115KV_TB3 55895	33.00 0.33 0.00	30.45 0.31 0.00	32.14 0.32 0.00	31.22 0.37 0.00	37.63 0.36 0.00	48.38 0.48 0.00	38.46 0.49 0.00	45.02 0.66 0.00	29.82 0.44 0.00	24.20 0.41 0.00	28.79 0.40 0.00	28.96 0.36 0.00	27.47 0.43 0.00	25.03 0.34 0.00	23.75 0.37 0.00	22.89 0.41 0.00	24.18 0.50 0.00	27.76 0.62 0.00	31.98 0.64 0.00	43.54 0.67 0.00	43.55 0.50 0.00	39.60 0.53 0.00	33.02 0.44 0.00	28.81 0.39 0.00
GREENDGE_115KV_TB5 80291	32.89 0.22 0.00	30.40 0.27 0.00	32.06 0.25 0.00	31.13 0.28 0.00	37.77 0.50 0.00	48.33 0.42 0.00	38.49 0.52 0.00	44.85 0.49 0.00	29.62 0.24 0.00	23.75 -0.03 0.00	28.38 -0.01 0.00	28.58 -0.01 0.00	26.87 -0.18 0.00	24.56 -0.13 0.00	23.15 -0.22 0.00	22.22 -0.26 0.00	23.44 -0.24 0.00	26.87 -0.28 0.00	31.27 -0.07 0.00	42.87 -0.01 0.00	43.18 0.13 0.00	39.24 0.17 0.00	32.96 0.38 0.00	28.79 0.37 0.00
GREENIDGE___3 23582	32.89 0.22 0.00	30.40 0.27 0.00	32.06 0.25 0.00	31.13 0.28 0.00	37.77 0.50 0.00	48.33 0.42 0.00	38.49 0.52 0.00	44.85 0.49 0.00	29.62 0.24 0.00	23.75 -0.03 0.00	28.38 -0.01 0.00	28.58 -0.01 0.00	26.87 -0.18 0.00	24.56 -0.13 0.00	23.15 -0.22 0.00	22.22 -0.26 0.00	23.44 -0.24 0.00	26.87 -0.28 0.00	31.27 -0.07 0.00	42.87 -0.01 0.00	43.18 0.13 0.00	39.24 0.17 0.00	32.96 0.38 0.00	28.79 0.37 0.00
GREENIDGE___4 23583	32.89 0.22 0.00	30.40 0.27 0.00	32.06 0.25 0.00	31.13 0.28 0.00	37.77 0.50 0.00	48.33 0.42 0.00	38.49 0.52 0.00	44.84 0.48 0.00	29.63 0.26 0.00	23.75 -0.03 0.00	28.38 -0.01 0.00	28.59 -0.01 0.00	26.86 -0.18 0.00	24.57 -0.12 0.00	23.17 -0.20 0.00	22.23 -0.25 0.00	23.43 -0.25 0.00	26.86 -0.28 0.00	31.26 -0.07 0.00	42.87 -0.01 0.00	43.20 0.14 0.00	39.24 0.17 0.00	32.96 0.38 0.00	28.79 0.37 0.00
GREENLWN_69_KV_BK 3 55738	42.00 1.54 -7.79	39.70 1.31 -8.25	33.40 1.48 -0.10	32.22 1.38 0.00	38.82 1.55 0.00	49.89 1.99 0.00	39.58 1.61 0.00	46.45 2.09 0.00	-4.68 1.55 35.60	23.10 1.24 1.93	28.53 1.76 1.62	28.84 1.68 1.44	27.15 1.66 1.56	24.86 1.47 1.30	23.54 1.46 1.30	22.30 1.52 1.70	23.80 1.63 1.51	27.83 1.92 1.23	32.54 1.99 0.79	44.76 2.32 0.44	45.15 2.18 0.07	40.99 1.92 0.01	34.23 1.65 0.00	29.82 1.59 0.19
GREENWD_138_KV_38B11_REV_LBMP_J 345004	176.94 2.26 -142.01	57.68 1.99 -25.55	50.22 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.82 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.41 2.48 -615.55	58.77 1.87 -33.12	58.43 2.21 -27.83	55.51 2.20 -24.71	55.95 2.18 -26.73	49.93 1.97 -23.27	48.40 1.89 -23.14	53.61 1.86 -29.26	51.61 2.02 -25.91	50.65 2.35 -21.16	49.51 2.64 -15.53	53.90 3.31 -7.71	55.10 3.28 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.44 2.02 -18.01
GRISSOM___SOLAR 323813	34.46 1.79 0.00	31.77 1.63 0.00	33.53 1.71 0.00	32.49 1.64 0.00	39.34 2.07 0.00	50.74 2.84 0.00	40.34 2.37 0.00	46.45 2.09 0.00	29.66 0.28 0.00	23.64 -0.14 0.00	28.10 -0.30 0.00	28.20 -0.39 0.00	26.70 -0.34 0.00	24.31 -0.37 0.00	23.04 -0.33 0.00	22.22 -0.26 0.00	23.50 -0.18 0.00	27.18 0.04 0.00	32.36 1.02 0.00	45.29 2.42 0.00	45.64 2.59 0.00	41.44 2.37 0.00	34.45 1.87 0.00	29.99 1.57 0.00
GROVEVILLE___HYD 323602	34.66 1.73 -0.26	31.94 1.49 -0.31	33.47 1.65 0.00	32.50 1.65 0.00	39.29 2.02 0.00	50.58 2.68 0.00	40.32 2.35 0.00	47.33 2.97 0.00	31.30 1.92 0.00	25.26 1.48 0.00	30.07 1.67 0.00	30.23 1.64 0.00	28.64 1.60 0.00	26.10 1.43 0.00	24.78 1.41 0.00	23.89 1.41 0.00	25.27 1.59 0.00	29.01 1.87 0.00	33.43 2.09 0.00	45.58 2.71 0.00	45.69 2.64 0.00	41.37 2.29 0.00	34.46 1.88 0.00	30.02 1.60 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.47 -0.20 0.00	29.96 -0.18 0.00	31.57 -0.25 0.00	30.64 -0.21 0.00	37.05 -0.22 0.00	47.64 -0.27 0.00	37.84 -0.13 0.00	44.14 -0.22 0.00	29.19 -0.19 0.00	23.63 -0.15 0.00	28.27 -0.11 0.00	28.48 -0.11 0.00	26.89 -0.15 0.00	24.55 -0.14 0.00	23.21 -0.16 0.00	22.31 -0.16 0.00	23.48 -0.19 0.00	26.91 -0.23 0.00	31.10 -0.23 0.00	42.57 -0.31 0.00	42.78 -0.27 0.00	38.79 -0.28 0.00	32.43 -0.16 0.00	28.31 -0.11 0.00

HAMLTNNY_34_KV_TB 80303	32.71 0.04 0.00	30.15 0.01 0.00	31.78 -0.03 0.00	30.86 0.02 0.00	37.34 0.08 0.00	48.10 0.19 0.00	38.13 0.16 0.00	44.52 0.16 0.00	29.41 0.04 0.00	23.73 -0.05 0.00	28.37 -0.02 0.00	28.45 -0.14 0.00	26.85 -0.19 0.00	24.53 -0.15 0.00	23.19 -0.17 0.00	22.30 -0.18 0.00	23.49 -0.18 0.00	26.98 -0.16 0.00	31.29 -0.05 0.00	42.87 -0.01 0.00	43.13 0.08 0.00	39.12 0.04 0.00	32.67 0.09 0.00	28.50 0.08 0.00
HAMPSHIRE___PAPER_HYD 323593	33.25 -0.48 -1.06	29.91 -0.23 0.00	31.63 -0.19 0.00	35.34 -0.38 -4.87	37.80 -0.58 -1.11	47.30 -0.60 0.00	37.45 -0.52 0.00	43.46 -0.90 0.00	28.51 -0.87 0.00	22.66 -1.12 0.00	26.86 -1.53 0.00	28.69 -1.26 -1.35	27.27 -1.11 -1.34	28.73 -1.02 -5.07	24.67 -1.13 -2.43	24.11 -1.06 -2.70	25.95 -1.05 -3.32	26.11 -1.03 0.00	30.69 -0.65 0.00	42.85 -0.03 0.00	43.18 0.13 0.00	38.83 -0.24 0.00	32.03 -0.56 0.00	27.88 -0.54 0.00
HARDSCRABBLE_WT_PWR 323673	32.29 -0.38 0.00	29.72 -0.42 0.00	31.44 -0.38 0.00	30.61 -0.24 0.00	37.21 -0.06 0.00	47.99 0.08 0.00	38.36 0.39 0.00	44.47 0.11 0.00	28.68 -0.70 0.00	22.72 -1.06 0.00	26.72 -1.67 0.00	26.77 -1.83 0.00	25.74 -1.30 0.00	23.42 -1.27 0.00	22.21 -1.16 0.00	21.64 -0.84 0.00	22.87 -0.80 0.00	26.55 -0.59 0.00	31.27 -0.07 0.00	43.11 0.24 0.00	43.27 0.22 0.00	39.34 0.27 0.00	32.83 0.25 0.00	28.56 0.14 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.03 1.40 1.04	30.10 1.20 1.24	33.18 1.36 0.00	32.23 1.38 0.00	39.01 1.74 0.00	50.19 2.28 0.00	39.95 1.98 0.00	46.86 2.50 0.00	31.02 1.64 0.00	25.03 1.25 0.00	29.78 1.40 0.00	29.98 1.39 0.00	28.40 1.35 0.00	25.89 1.21 0.00	24.56 1.19 0.00	23.69 1.21 0.00	25.04 1.36 0.00	28.73 1.59 0.00	33.10 1.76 0.00	45.13 2.26 0.00	45.27 2.22 0.00	40.97 1.90 0.00	34.15 1.56 0.00	29.79 1.37 0.00
HARSNRAD_115KV_TB1 81005	31.93 -0.74 0.00	29.44 -0.70 0.00	30.95 -0.86 0.00	29.90 -0.95 0.00	36.31 -0.96 0.00	46.32 -1.59 0.00	36.58 -1.39 0.00	42.23 -2.13 0.00	28.33 -1.05 0.00	22.90 -0.88 0.00	27.82 -0.57 0.00	28.13 -0.46 0.00	26.14 -0.90 0.00	24.08 -0.60 0.00	22.69 -0.68 0.00	21.75 -0.73 0.00	22.72 -0.96 0.00	25.58 -1.56 0.00	29.22 -2.12 0.00	39.74 -3.14 0.00	40.11 -2.94 0.00	36.50 -2.57 0.00	31.23 -1.35 0.00	27.30 -1.12 0.00
HARZA MOOSE___RIVER 24016	33.05 0.08 -0.30	30.39 0.25 0.00	32.21 0.39 0.00	32.47 0.24 -1.38	37.72 0.13 -0.31	48.21 0.30 0.00	38.41 0.44 0.00	44.72 0.36 0.00	29.30 -0.08 0.00	23.28 -0.50 0.00	27.58 -0.81 0.00	28.47 -0.51 -0.38	27.04 -0.38 -0.38	25.73 -0.39 -1.44	23.50 -0.56 -0.69	22.76 -0.48 -0.77	24.21 -0.41 -0.94	26.91 -0.23 0.00	31.62 0.28 0.00	43.90 1.02 0.00	44.09 1.04 0.00	39.56 0.49 0.00	32.71 0.13 0.00	28.50 0.09 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	32.27 -0.40 0.00	29.78 -0.37 0.00	31.40 -0.42 0.00	30.47 -0.38 0.00	36.83 -0.44 0.00	47.31 -0.60 0.00	37.58 -0.40 0.00	43.87 -0.49 0.00	29.04 -0.34 0.00	23.54 -0.24 0.00	28.17 -0.22 0.00	28.39 -0.20 0.00	26.80 -0.24 0.00	24.48 -0.21 0.00	23.14 -0.23 0.00	22.23 -0.25 0.00	23.39 -0.29 0.00	26.78 -0.36 0.00	30.91 -0.43 0.00	42.27 -0.61 0.00	42.46 -0.59 0.00	38.50 -0.58 0.00	32.19 -0.39 0.00	28.12 -0.30 0.00
HELLGATE_13_KV_LD 55870	175.37 2.42 -140.28	57.79 2.11 -25.54	38.64 2.27 -4.55	33.10 2.25 -0.01	40.02 2.75 0.00	51.44 3.53 0.00	41.04 3.07 0.00	48.25 3.88 0.00	643.96 2.53 -612.05	58.83 1.92 -33.12	58.49 2.27 -27.83	55.57 2.27 -24.71	55.98 2.20 -26.73	48.97 1.97 -22.32	47.55 1.88 -22.30	53.61 1.87 -29.26	51.63 2.05 -25.91	50.64 2.34 -21.16	47.55 2.60 -13.61	53.69 3.34 -7.47	47.55 3.27 -1.24	42.20 2.94 -0.19	35.04 2.43 -0.03	33.67 2.05 -3.20
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	175.37 2.42 -140.28	57.79 2.11 -25.54	38.64 2.27 -4.55	33.10 2.25 -0.01	40.02 2.75 0.00	51.44 3.53 0.00	41.04 3.07 0.00	48.25 3.88 0.00	643.96 2.53 -612.05	58.83 1.92 -33.12	58.49 2.27 -27.83	55.57 2.27 -24.71	55.98 2.20 -26.73	48.97 1.97 -22.32	47.55 1.88 -22.30	53.61 1.87 -29.26	51.63 2.05 -25.91	50.64 2.34 -21.16	47.55 2.60 -13.61	53.69 3.34 -7.47	47.55 3.27 -1.24	42.20 2.94 -0.19	35.04 2.43 -0.03	33.67 2.05 -3.20
HEMPSTEAD____ 23647	42.13 1.66 -7.80	39.78 1.39 -8.25	33.50 1.58 -0.10	32.36 1.51 0.00	39.05 1.78 0.00	50.25 2.34 0.00	39.96 1.98 0.00	46.91 2.54 0.00	-4.44 1.79 35.60	23.29 1.43 1.93	28.62 1.85 1.62	28.93 1.77 1.44	27.25 1.76 1.56	24.94 1.56 1.30	23.62 1.54 1.30	22.36 1.58 1.70	23.92 1.75 1.51	27.96 2.05 1.23	32.69 2.14 0.79	45.00 2.57 0.44	45.43 2.45 0.07	41.23 2.17 0.01	34.36 1.78 0.00	29.91 1.67 0.19
HEWLETT_69_KV_BK3 55828	42.47 1.98 -7.82	40.07 1.68 -8.25	33.81 1.89 -0.10	32.66 1.81 0.00	39.38 2.11 0.00	50.65 2.74 0.00	40.25 2.27 0.00	47.23 2.88 0.00	-4.18 2.05 35.60	23.50 1.65 1.93	28.94 2.17 1.62	29.26 2.11 1.44	27.55 2.06 1.56	25.22 1.84 1.30	23.88 1.81 1.30	22.62 1.84 1.70	24.17 2.00 1.51	28.25 2.34 1.23	33.05 2.50 0.79	45.50 3.06 0.44	45.97 2.99 0.07	41.66 2.60 0.01	34.73 2.15 0.00	30.24 2.01 0.19
HICKLING___1 23621	33.08 0.41 0.00	30.57 0.43 0.00	32.28 0.46 0.00	31.38 0.53 0.00	38.10 0.83 0.00	48.81 0.90 0.00	38.69 0.72 0.00	45.32 0.96 0.00	30.00 0.61 0.00	24.09 0.30 0.00	28.85 0.46 0.00	29.08 0.49 0.00	27.36 0.32 0.00	25.02 0.34 0.00	23.57 0.20 0.00	22.61 0.13 0.00	23.89 0.21 0.00	27.36 0.22 0.00	31.74 0.40 0.00	43.42 0.54 0.00	43.72 0.67 0.00	39.52 0.44 0.00	33.23 0.65 0.00	29.11 0.69 0.00
HICKLING___2 23622	33.08 0.41 0.00	30.57 0.43 0.00	32.28 0.46 0.00	31.38 0.53 0.00	38.10 0.83 0.00	48.81 0.90 0.00	38.69 0.72 0.00	45.32 0.96 0.00	30.00 0.61 0.00	24.09 0.30 0.00	28.85 0.46 0.00	29.08 0.49 0.00	27.36 0.32 0.00	25.02 0.34 0.00	23.57 0.20 0.00	22.61 0.13 0.00	23.89 0.21 0.00	27.36 0.22 0.00	31.74 0.40 0.00	43.42 0.54 0.00	43.72 0.67 0.00	39.52 0.44 0.00	33.23 0.65 0.00	29.11 0.69 0.00
HIGH FALLS___HY 23754	34.57 1.91 0.00	31.78 1.64 0.00	33.62 1.80 0.00	32.65 1.80 0.00	39.51 2.24 0.00	50.87 2.96 0.00	40.55 2.58 0.00	47.60 3.24 0.00	31.47 2.09 0.00	25.30 1.52 0.00	30.04 1.65 0.00	30.18 1.59 0.00	28.59 1.54 0.00	26.07 1.38 0.00	24.73 1.36 0.00	23.83 1.36 0.00	25.19 1.51 0.00	28.95 1.81 0.00	33.45 2.12 0.00	45.73 2.86 0.00	45.89 2.84 0.00	41.54 2.46 0.00	34.59 2.01 0.00	30.15 1.73 0.00
HIGH_RIVER___SOLAR 323847	34.04 1.37 0.00	31.36 1.22 0.00	33.12 1.30 0.00	32.12 1.27 0.00	38.85 1.58 0.00	50.06 2.15 0.00	39.79 1.82 0.00	46.07 1.71 0.00	29.70 0.32 0.00	23.65 -0.13 0.00	28.12 -0.27 0.00	28.31 -0.28 0.00	26.83 -0.21 0.00	24.44 -0.24 0.00	23.13 -0.24 0.00	22.32 -0.16 0.00	23.59 -0.09 0.00	27.35 0.21 0.00	32.24 0.90 0.00	44.76 1.89 0.00	45.03 1.98 0.00	40.89 1.82 0.00	34.03 1.45 0.00	29.63 1.21 0.00

HILLBURN___GT 23639	32.74 1.34 1.27	29.77 1.13 1.51	33.12 1.30 0.00	32.19 1.34 0.00	38.98 1.70 0.00	50.14 2.23 0.00	39.91 1.94 0.00	46.83 2.47 0.00	31.03 1.64 0.00	25.05 1.27 0.00	29.81 1.42 0.00	30.01 1.42 0.00	28.44 1.40 0.00	25.93 1.24 0.00	24.60 1.22 0.00	23.71 1.23 0.00	25.07 1.39 0.00	28.73 1.59 0.00	33.06 1.72 0.00	45.04 2.17 0.00	45.18 2.13 0.00	40.89 1.82 0.00	34.07 1.49 0.00	29.76 1.34 0.00
HILLSIDE_115KV_TB1 80332	32.88 0.22 0.00	30.33 0.19 0.00	32.04 0.22 0.00	31.16 0.31 0.00	37.82 0.56 0.00	48.44 0.53 0.00	38.39 0.41 0.00	45.05 0.69 0.00	29.82 0.44 0.00	23.99 0.21 0.00	28.76 0.37 0.00	28.99 0.40 0.00	27.29 0.25 0.00	24.97 0.28 0.00	23.55 0.17 0.00	22.58 0.10 0.00	23.83 0.16 0.00	27.28 0.14 0.00	31.56 0.22 0.00	43.08 0.21 0.00	43.35 0.30 0.00	39.16 0.09 0.00	32.91 0.32 0.00	28.87 0.45 0.00
HISHELDN_WT_PWR 323625	32.20 -0.47 0.00	29.79 -0.35 0.00	31.32 -0.49 0.00	30.34 -0.51 0.00	36.84 -0.43 0.00	47.03 -0.87 0.00	37.19 -0.78 0.00	43.12 -1.24 0.00	28.83 -0.55 0.00	23.22 -0.56 0.00	28.06 -0.33 0.00	28.34 -0.25 0.00	26.41 -0.63 0.00	24.28 -0.41 0.00	22.85 -0.51 0.00	21.98 -0.50 0.00	23.04 -0.64 0.00	26.12 -1.02 0.00	30.09 -1.25 0.00	41.10 -1.77 0.00	41.46 -1.59 0.00	37.64 -1.44 0.00	32.01 -0.57 0.00	27.98 -0.44 0.00
HOLTSVILLE_IC_1 23690	41.97 1.51 -7.79	39.73 1.34 -8.25	33.45 1.53 -0.10	32.21 1.36 0.00	38.78 1.51 0.00	49.92 2.01 0.00	39.64 1.66 0.00	46.47 2.11 0.00	-4.66 1.57 35.60	21.56 1.17 3.39	26.89 1.69 3.19	28.34 1.62 1.87	26.25 1.58 2.38	23.67 1.38 2.39	23.10 1.38 1.66	22.25 1.48 1.70	23.81 1.64 1.51	27.88 1.97 1.23	32.57 2.02 0.79	44.86 2.43 0.44	45.21 2.24 0.07	41.11 2.05 0.01	34.36 1.78 0.00	29.94 1.70 0.19
HOLTSVILLE_IC_10 23699	42.09 1.63 -7.79	39.85 1.46 -8.25	33.57 1.65 -0.10	32.32 1.47 0.00	38.90 1.63 0.00	50.09 2.18 0.00	39.77 1.80 0.00	46.64 2.28 0.00	-4.56 1.67 35.60	32.07 1.24 -7.05	38.17 1.76 -8.01	31.49 1.70 -1.20	32.20 1.65 -3.50	31.51 1.45 -5.38	25.70 1.44 -0.89	22.32 1.54 1.70	23.89 1.72 1.51	27.98 2.07 1.23	32.68 2.13 0.79	45.04 2.60 0.44	45.40 2.42 0.07	41.30 2.23 0.01	34.50 1.92 0.00	30.05 1.81 0.19
HOLTSVILLE_IC_2 23691	41.97 1.51 -7.79	39.73 1.34 -8.25	33.45 1.53 -0.10	32.21 1.36 0.00	38.78 1.51 0.00	49.92 2.01 0.00	39.64 1.66 0.00	46.47 2.11 0.00	-4.66 1.57 35.60	21.56 1.17 3.39	26.89 1.69 3.19	28.34 1.62 1.87	26.25 1.58 2.38	23.67 1.38 2.39	23.10 1.38 1.66	22.25 1.48 1.70	23.81 1.64 1.51	27.88 1.97 1.23	32.57 2.02 0.79	44.86 2.43 0.44	45.21 2.24 0.07	41.11 2.05 0.01	34.36 1.78 0.00	29.94 1.70 0.19
HOLTSVILLE_IC_3 23692	41.97 1.51 -7.79	39.73 1.34 -8.25	33.45 1.53 -0.10	32.21 1.36 0.00	38.78 1.51 0.00	49.92 2.01 0.00	39.64 1.66 0.00	46.47 2.11 0.00	-4.66 1.57 35.60	21.56 1.17 3.39	26.89 1.69 3.19	28.34 1.62 1.87	26.25 1.58 2.38	23.67 1.38 2.39	23.10 1.38 1.66	22.25 1.48 1.70	23.81 1.64 1.51	27.88 1.97 1.23	32.57 2.02 0.79	44.86 2.43 0.44	45.21 2.24 0.07	41.11 2.05 0.01	34.36 1.78 0.00	29.94 1.70 0.19
HOLTSVILLE_IC_4 23693	41.97 1.51 -7.79	39.73 1.34 -8.25	33.45 1.53 -0.10	32.21 1.36 0.00	38.78 1.51 0.00	49.92 2.01 0.00	39.64 1.66 0.00	46.47 2.11 0.00	-4.66 1.57 35.60	21.56 1.17 3.39	26.89 1.69 3.19	28.34 1.62 1.87	26.25 1.58 2.38	23.67 1.38 2.39	23.10 1.38 1.66	22.25 1.48 1.70	23.81 1.64 1.51	27.88 1.97 1.23	32.57 2.02 0.79	44.86 2.43 0.44	45.21 2.24 0.07	41.11 2.05 0.01	34.36 1.78 0.00	29.94 1.70 0.19
HOLTSVILLE_IC_5 23694	41.97 1.51 -7.79	39.73 1.34 -8.25	33.45 1.53 -0.10	32.21 1.36 0.00	38.78 1.51 0.00	49.92 2.01 0.00	39.64 1.66 0.00	46.47 2.11 0.00	-4.66 1.57 35.60	21.56 1.17 3.39	26.89 1.69 3.19	28.34 1.62 1.87	26.25 1.58 2.38	23.67 1.38 2.39	23.10 1.38 1.66	22.25 1.48 1.70	23.81 1.64 1.51	27.88 1.97 1.23	32.57 2.02 0.79	44.86 2.43 0.44	45.21 2.24 0.07	41.11 2.05 0.01	34.36 1.78 0.00	29.94 1.70 0.19
HOLTSVILLE_IC_6 23695	42.09 1.63 -7.79	39.85 1.46 -8.25	33.57 1.65 -0.10	32.32 1.47 0.00	38.90 1.63 0.00	50.09 2.18 0.00	39.77 1.80 0.00	46.64 2.28 0.00	-4.56 1.67 35.60	32.07 1.24 -7.05	38.17 1.76 -8.01	31.49 1.70 -1.20	32.20 1.65 -3.50	31.51 1.45 -5.38	25.70 1.44 -0.89	22.32 1.54 1.70	23.89 1.72 1.51	27.98 2.07 1.23	32.68 2.13 0.79	45.04 2.60 0.44	45.40 2.42 0.07	41.30 2.23 0.01	34.50 1.92 0.00	30.05 1.81 0.19
HOLTSVILLE_IC_7 23696	42.09 1.63 -7.79	39.85 1.46 -8.25	33.57 1.65 -0.10	32.32 1.47 0.00	38.90 1.63 0.00	50.09 2.18 0.00	39.77 1.80 0.00	46.64 2.28 0.00	-4.56 1.67 35.60	32.07 1.24 -7.05	38.17 1.76 -8.01	31.49 1.70 -1.20	32.20 1.65 -3.50	31.51 1.45 -5.38	25.70 1.44 -0.89	22.32 1.54 1.70	23.89 1.72 1.51	27.98 2.07 1.23	32.68 2.13 0.79	45.04 2.60 0.44	45.40 2.42 0.07	41.30 2.23 0.01	34.50 1.92 0.00	30.05 1.81 0.19
HOLTSVILLE_IC_8 23697	42.09 1.63 -7.79	39.85 1.46 -8.25	33.57 1.65 -0.10	32.32 1.47 0.00	38.90 1.63 0.00	50.09 2.18 0.00	39.77 1.80 0.00	46.64 2.28 0.00	-4.56 1.67 35.60	32.07 1.24 -7.05	38.17 1.76 -8.01	31.49 1.70 -1.20	32.20 1.65 -3.50	31.51 1.45 -5.38	25.70 1.44 -0.89	22.32 1.54 1.70	23.89 1.72 1.51	27.98 2.07 1.23	32.68 2.13 0.79	45.04 2.60 0.44	45.40 2.42 0.07	41.30 2.23 0.01	34.50 1.92 0.00	30.05 1.81 0.19
HOLTSVILLE_IC_9 23698	42.09 1.63 -7.79	39.85 1.46 -8.25	33.57 1.65 -0.10	32.32 1.47 0.00	38.90 1.63 0.00	50.09 2.18 0.00	39.77 1.80 0.00	46.64 2.28 0.00	-4.56 1.67 35.60	32.07 1.24 -7.05	38.17 1.76 -8.01	31.49 1.70 -1.20	32.20 1.65 -3.50	31.51 1.45 -5.38	25.70 1.44 -0.89	22.32 1.54 1.70	23.89 1.72 1.51	27.98 2.07 1.23	32.68 2.13 0.79	45.04 2.60 0.44	45.40 2.42 0.07	41.30 2.23 0.01	34.50 1.92 0.00	30.05 1.81 0.19
HOMER_HL_115KV_TB2 355744	33.46 0.79 0.00	30.89 0.75 0.00	32.65 0.83 0.00	31.68 0.83 0.00	38.45 1.18 0.00	48.94 1.03 0.00	38.76 0.78 0.00	45.29 0.93 0.00	30.30 0.92 0.00	24.44 0.66 0.00	29.42 1.03 0.00	29.76 1.17 0.00	27.91 0.87 0.00	25.64 0.95 0.00	24.13 0.76 0.00	23.14 0.66 0.00	24.28 0.60 0.00	27.46 0.32 0.00	31.45 0.11 0.00	42.77 -0.10 0.00	43.11 0.06 0.00	38.94 -0.13 0.00	33.02 0.44 0.00	28.99 0.57 0.00
HOWARD_WT_PWR 323690	32.09 -0.58 0.00	30.10 -0.04 0.00	31.82 0.01 0.00	30.91 0.06 0.00	37.49 0.22 0.00	47.78 -0.13 0.00	37.94 -0.03 0.00	44.28 -0.08 0.00	29.45 0.07 0.00	23.60 -0.19 0.00	28.13 -0.27 0.00	28.38 -0.21 0.00	26.64 -0.40 0.00	24.35 -0.33 0.00	22.79 -0.58 0.00	21.96 -0.51 0.00	23.34 -0.34 0.00	26.75 -0.39 0.00	31.22 -0.12 0.00	43.02 0.14 0.00	43.45 0.40 0.00	39.38 0.31 0.00	33.26 0.68 0.00	29.07 0.65 0.00

HQ_GEN_CEDARS 23644	33.59 0.40 -0.52	30.58 0.44 0.00	32.23 0.41 0.00	33.52 0.30 -2.37	38.18 0.37 -0.54	48.42 0.52 0.00	37.91 -0.06 0.00	44.07 -0.28 0.00	29.35 -0.03 0.00	23.68 -0.10 0.00	28.25 -0.14 0.00	29.13 -0.12 -0.66	27.53 -0.17 -0.65	27.05 -0.11 -2.47	24.43 -0.12 -1.19	23.66 -0.14 -1.32	25.12 -0.17 -1.62	26.96 -0.19 0.00	31.29 -0.05 0.00	43.15 0.28 0.00	43.49 0.44 0.00	39.52 0.44 0.00	32.81 0.23 0.00	28.53 0.11 0.00
HQ_GEN_CEDARS_PROXY 323590	33.59 0.40 -0.52	30.58 0.44 0.00	32.23 0.41 0.00	33.52 0.30 -2.37	38.18 0.37 -0.54	48.43 0.52 0.00	37.91 -0.06 0.00	44.07 -0.28 0.00	29.35 -0.03 0.00	23.68 -0.10 0.00	28.24 -0.14 0.00	29.13 -0.12 -0.66	27.53 -0.17 -0.65	27.05 -0.11 -2.47	24.43 -0.13 -1.19	23.66 -0.14 -1.32	25.12 -0.17 -1.62	26.96 -0.19 0.00	31.29 -0.05 0.00	43.15 0.28 0.00	43.49 0.45 0.00	39.52 0.44 0.00	32.81 0.23 0.00	28.54 0.11 0.00
HQ_GEN_IMPORT 323601	32.74 0.07 0.00	30.23 0.09 0.00	31.89 0.07 0.00	30.85 0.01 0.00	37.30 0.03 0.00	48.76 0.04 -0.81	37.62 -0.11 0.24	44.33 -0.23 -0.20	29.26 -0.12 0.00	23.67 -0.11 0.00	28.25 -0.14 0.00	28.45 -0.14 0.00	26.88 -0.16 0.00	24.56 -0.13 0.00	23.25 -0.12 0.00	22.34 -0.13 0.00	23.52 -0.15 0.00	26.96 -0.18 0.00	31.20 -0.14 0.00	42.83 -0.04 0.00	43.09 0.04 0.00	39.15 0.08 0.00	32.57 -0.01 0.00	28.36 -0.06 0.00
HQ_GEN_WHEEL 23651	32.74 0.07 0.00	30.23 0.09 0.00	31.89 0.07 0.00	30.85 0.01 0.00	37.30 0.03 0.00	48.76 0.04 -0.81	37.62 -0.11 0.24	44.33 -0.23 -0.20	29.26 -0.12 0.00	23.67 -0.11 0.00	28.25 -0.14 0.00	28.45 -0.14 0.00	26.88 -0.16 0.00	24.56 -0.13 0.00	23.25 -0.12 0.00	22.34 -0.13 0.00	23.52 -0.15 0.00	26.96 -0.18 0.00	31.20 -0.14 0.00	42.83 -0.04 0.00	43.09 0.04 0.00	39.15 0.08 0.00	32.57 -0.01 0.00	28.36 -0.06 0.00
HUDSON_AVE_GT_3 23810	64.39 2.16 -29.56	53.23 1.85 -21.24	35.23 2.02 -1.39	32.88 2.03 0.00	39.78 2.51 0.00	51.17 3.26 0.00	40.77 2.80 0.00	47.90 3.54 -502.22	533.92 2.32 -27.18	52.75 1.78 -22.85	53.33 2.09 -20.28	50.95 2.07 -21.94	51.00 2.02 -18.32	44.81 1.81 -18.30	43.43 1.76 -24.02	48.27 1.77 -21.26	46.88 1.94 -17.36	46.73 2.23 -11.17	44.95 2.44 -6.14	52.13 3.12 -1.02	47.12 3.06 -0.16	41.91 2.68 -0.02	34.83 2.23 -0.02	33.01 1.97 -2.63
HUDSON_AVE_GT_4 23540	64.39 2.16 -29.56	53.23 1.85 -21.24	35.23 2.02 -1.39	32.88 2.03 0.00	39.78 2.51 0.00	51.17 3.26 0.00	40.77 2.80 0.00	47.90 3.54 -502.22	533.92 2.32 -27.18	52.75 1.78 -22.85	53.33 2.09 -20.28	50.95 2.07 -21.94	51.00 2.02 -18.32	44.81 1.81 -18.30	43.43 1.76 -24.02	48.27 1.77 -21.26	46.88 1.94 -17.36	46.73 2.23 -11.17	44.95 2.44 -6.14	52.13 3.12 -1.02	47.12 3.06 -0.16	41.91 2.68 -0.02	34.83 2.23 -0.02	33.01 1.97 -2.63
HUDSON_AVE_GT_5 23657	64.39 2.16 -29.56	53.23 1.85 -21.24	35.23 2.02 -1.39	32.88 2.03 0.00	39.78 2.51 0.00	51.17 3.26 0.00	40.77 2.80 0.00	47.90 3.54 -502.22	533.92 2.32 -27.18	52.75 1.78 -22.85	53.33 2.09 -20.28	50.95 2.07 -21.94	51.00 2.02 -18.32	44.81 1.81 -18.30	43.43 1.76 -24.02	48.27 1.77 -21.26	46.88 1.94 -17.36	46.73 2.23 -11.17	44.95 2.44 -6.14	52.13 3.12 -1.02	47.12 3.06 -0.16	41.91 2.68 -0.02	34.83 2.23 -0.02	33.01 1.97 -2.63
HUDSON_AVE_10 24168	64.44 2.21 -29.56	53.28 1.90 -21.24	35.28 2.08 -1.39	32.93 2.08 0.00	39.83 2.56 0.00	51.24 3.33 0.00	40.80 2.82 0.00	47.90 3.54 -502.22	533.93 2.32 -27.18	52.74 1.78 -22.85	53.29 2.06 -20.28	50.91 2.04 -21.94	50.98 2.00 -18.32	44.79 1.79 -18.30	43.43 1.76 -24.02	48.27 1.77 -21.26	46.88 1.94 -17.36	46.75 2.24 -11.17	44.97 2.46 -6.14	52.16 3.15 -1.02	47.18 3.12 -0.16	41.93 2.69 -0.02	34.86 2.26 -0.02	33.07 2.02 -2.63
HUDSON___115KV_TB 4 355613	33.65 0.98 0.00	31.05 0.91 0.00	32.75 0.93 0.00	31.81 0.96 0.00	38.38 1.11 0.00	49.35 1.44 0.00	39.26 1.28 0.00	45.89 1.53 0.00	30.17 0.79 0.00	24.34 0.56 0.00	28.90 0.52 0.00	29.08 0.49 0.00	27.54 0.50 0.00	25.10 0.42 0.00	23.80 0.43 0.00	22.95 0.47 0.00	24.28 0.61 0.00	27.96 0.82 0.00	32.42 1.08 0.00	44.45 1.57 0.00	44.55 1.50 0.00	40.45 1.38 0.00	33.70 1.12 0.00	29.36 0.94 0.00
HUNTER MOUNT___DRP 323613	33.76 1.10 0.00	31.15 1.01 0.00	32.85 1.03 0.00	31.90 1.05 0.00	38.49 1.22 0.00	49.51 1.60 0.00	39.40 1.43 0.00	46.03 1.68 0.00	30.24 0.86 0.00	24.37 0.59 0.00	28.91 0.52 0.00	29.08 0.49 0.00	27.52 0.48 0.00	25.08 0.40 0.00	23.77 0.41 0.00	22.92 0.44 0.00	24.28 0.60 0.00	28.03 0.88 0.00	32.54 1.20 0.00	44.63 1.76 0.00	44.74 1.70 0.00	40.63 1.55 0.00	33.83 1.25 0.00	29.46 1.04 0.00
HUNTINGTON_RES_REC 323705	42.01 1.55 -7.79	39.73 1.34 -8.25	33.45 1.53 -0.10	32.22 1.37 0.00	38.78 1.51 0.00	49.87 1.96 0.00	39.49 1.52 0.00	46.33 1.97 0.00	-4.76 1.46 35.60	25.02 1.12 -0.12	30.61 1.64 -0.58	29.31 1.55 0.84	28.18 1.54 0.40	26.25 1.35 -0.22	23.92 1.35 0.80	22.21 1.43 1.70	23.73 1.56 1.51	27.78 1.87 1.23	32.46 1.91 0.79	44.68 2.24 0.44	45.05 2.08 0.07	40.98 1.92 0.01	34.24 1.66 0.00	29.84 1.60 0.19
HUNTLEY___63 23557	32.22 -0.45 0.00	29.70 -0.43 0.00	31.23 -0.59 0.00	30.16 -0.69 0.00	36.62 -0.64 0.00	46.73 -1.18 0.00	36.91 -1.06 0.00	42.67 -1.69 0.00	28.65 -0.73 0.00	23.17 -0.61 0.00	28.14 -0.25 0.00	28.45 -0.15 0.00	26.43 -0.61 0.00	24.35 -0.34 0.00	22.96 -0.41 0.00	22.00 -0.48 0.00	22.99 -0.69 0.00	25.91 -1.24 0.00	29.61 -1.73 0.00	40.21 -2.66 0.00	40.57 -2.48 0.00	36.89 -2.19 0.00	31.58 -1.01 0.00	27.59 -0.83 0.00
HUNTLEY___64 23558	32.22 -0.45 0.00	29.70 -0.43 0.00	31.23 -0.59 0.00	30.16 -0.69 0.00	36.62 -0.64 0.00	46.73 -1.18 0.00	36.91 -1.06 0.00	42.67 -1.69 0.00	28.65 -0.73 0.00	23.17 -0.61 0.00	28.14 -0.25 0.00	28.45 -0.15 0.00	26.43 -0.61 0.00	24.35 -0.34 0.00	22.96 -0.41 0.00	22.00 -0.48 0.00	22.99 -0.69 0.00	25.91 -1.24 0.00	29.61 -1.73 0.00	40.21 -2.66 0.00	40.57 -2.48 0.00	36.89 -2.19 0.00	31.58 -1.01 0.00	27.59 -0.83 0.00
HUNTLEY___65 23559	32.22 -0.45 0.00	29.70 -0.43 0.00	31.23 -0.59 0.00	30.16 -0.69 0.00	36.62 -0.64 0.00	46.73 -1.18 0.00	36.91 -1.06 0.00	42.67 -1.69 0.00	28.65 -0.73 0.00	23.17 -0.61 0.00	28.14 -0.25 0.00	28.45 -0.15 0.00	26.43 -0.61 0.00	24.35 -0.34 0.00	22.96 -0.41 0.00	22.00 -0.48 0.00	22.99 -0.69 0.00	25.91 -1.24 0.00	29.61 -1.73 0.00	40.21 -2.66 0.00	40.57 -2.48 0.00	36.89 -2.19 0.00	31.58 -1.01 0.00	27.59 -0.83 0.00
HUNTLEY___66 23560	32.22 -0.45 0.00	29.70 -0.43 0.00	31.23 -0.59 0.00	30.16 -0.69 0.00	36.62 -0.64 0.00	46.73 -1.18 0.00	36.91 -1.06 0.00	42.67 -1.69 0.00	28.65 -0.73 0.00	23.17 -0.61 0.00	28.14 -0.25 0.00	28.45 -0.15 0.00	26.43 -0.61 0.00	24.35 -0.34 0.00	22.96 -0.41 0.00	22.00 -0.48 0.00	22.99 -0.69 0.00	25.91 -1.24 0.00	29.61 -1.73 0.00	40.21 -2.66 0.00	40.57 -2.48 0.00	36.89 -2.19 0.00	31.58 -1.01 0.00	27.59 -0.83 0.00



HUNTLEY___67 23561	32.08 -0.59 0.00	29.58 -0.55 0.00	31.13 -0.69 0.00	30.07 -0.78 0.00	36.51 -0.75 0.00	46.56 -1.35 0.00	36.77 -1.20 0.00	42.54 -1.82 0.00	28.57 -0.81 0.00	23.11 -0.67 0.00	28.04 -0.35 0.00	28.36 -0.23 0.00	26.40 -0.65 0.00	24.30 -0.38 0.00	22.90 -0.47 0.00	21.95 -0.53 0.00	22.96 -0.72 0.00	25.89 -1.26 0.00	29.55 -1.79 0.00	40.14 -2.74 0.00	40.48 -2.58 0.00	36.80 -2.27 0.00	31.42 -1.16 0.00	27.47 -0.95 0.00
HUNTLEY___68 23562	32.08 -0.59 0.00	29.58 -0.55 0.00	31.13 -0.69 0.00	30.07 -0.78 0.00	36.51 -0.75 0.00	46.56 -1.35 0.00	36.77 -1.20 0.00	42.54 -1.82 0.00	28.57 -0.81 0.00	23.11 -0.67 0.00	28.04 -0.35 0.00	28.36 -0.23 0.00	26.40 -0.65 0.00	24.30 -0.38 0.00	22.90 -0.47 0.00	21.95 -0.53 0.00	22.96 -0.72 0.00	25.89 -1.26 0.00	29.55 -1.79 0.00	40.14 -2.74 0.00	40.48 -2.58 0.00	36.80 -2.27 0.00	31.42 -1.16 0.00	27.47 -0.95 0.00
HYLAND___LFG 323620	33.70 1.03 0.00	31.21 1.07 0.00	32.88 1.06 0.00	31.90 1.05 0.00	38.74 1.47 0.00	49.71 1.80 0.00	39.56 1.59 0.00	45.78 1.42 0.00	29.57 0.19 0.00	23.56 -0.22 0.00	28.31 -0.08 0.00	28.57 -0.02 0.00	26.72 -0.32 0.00	24.51 -0.18 0.00	23.06 -0.31 0.00	22.15 -0.33 0.00	23.30 -0.38 0.00	26.60 -0.54 0.00	30.82 -0.52 0.00	43.19 0.32 0.00	44.16 1.11 0.00	40.09 1.02 0.00	33.76 1.18 0.00	29.40 0.98 0.00
INDECK___CORINTH 23802	34.16 1.49 0.00	31.49 1.35 0.00	33.21 1.39 0.00	32.21 1.36 0.00	39.11 1.84 0.00	50.84 2.93 0.00	40.41 2.44 0.00	47.50 3.14 0.00	32.92 3.54 0.00	26.14 2.35 0.00	30.40 2.01 0.00	30.00 1.41 0.00	27.96 0.91 0.00	25.35 0.67 0.00	24.08 0.71 0.00	23.29 0.81 0.00	24.67 1.00 0.00	28.43 1.29 0.00	33.02 1.69 0.00	45.14 2.26 0.00	45.27 2.22 0.00	41.09 2.02 0.00	34.12 1.54 0.00	29.67 1.25 0.00
INDECK___ILION 23567	32.49 -0.18 0.00	29.88 -0.26 0.00	31.62 -0.20 0.00	30.79 -0.06 0.00	37.44 0.17 0.00	48.27 0.36 0.00	38.61 0.63 0.00	44.70 0.34 0.00	28.75 -0.63 0.00	22.76 -1.02 0.00	26.77 -1.62 0.00	26.80 -1.79 0.00	25.79 -1.26 0.00	23.46 -1.23 0.00	22.33 -1.04 0.00	22.12 -0.36 0.00	23.35 -0.33 0.00	26.95 -0.19 0.00	31.44 0.10 0.00	43.19 0.31 0.00	43.34 0.28 0.00	39.35 0.28 0.00	32.82 0.24 0.00	28.58 0.16 0.00
INDECK___OLEAN 23982	33.46 0.79 0.00	30.89 0.75 0.00	32.65 0.83 0.00	31.68 0.83 0.00	38.45 1.18 0.00	48.94 1.04 0.00	38.76 0.78 0.00	45.29 0.93 0.00	30.32 0.94 0.00	24.44 0.65 0.00	29.43 1.04 0.00	29.76 1.17 0.00	27.91 0.86 0.00	25.68 1.00 0.00	24.17 0.80 0.00	23.19 0.72 0.00	24.27 0.59 0.00	27.45 0.31 0.00	31.45 0.11 0.00	42.78 -0.10 0.00	43.10 0.05 0.00	38.94 -0.13 0.00	33.02 0.44 0.00	28.99 0.57 0.00
INDECK___OSWEGO 23783	31.78 -0.88 0.00	29.35 -0.79 0.00	30.97 -0.85 0.00	30.03 -0.82 0.00	36.26 -1.01 0.00	46.56 -1.35 0.00	36.99 -0.98 0.00	43.18 -1.18 0.00	28.56 -0.82 0.00	23.14 -0.65 0.00	27.69 -0.70 0.00	27.91 -0.68 0.00	26.38 -0.66 0.00	24.09 -0.60 0.00	22.76 -0.61 0.00	21.85 -0.63 0.00	22.96 -0.72 0.00	26.30 -0.84 0.00	30.38 -0.96 0.00	41.64 -1.24 0.00	41.84 -1.21 0.00	37.91 -1.17 0.00	31.67 -0.91 0.00	27.70 -0.72 0.00
INDECK___YERKES 23781	32.25 -0.42 0.00	29.75 -0.39 0.00	31.26 -0.56 0.00	30.19 -0.66 0.00	36.66 -0.61 0.00	46.77 -1.13 0.00	36.96 -1.01 0.00	42.71 -1.65 0.00	28.70 -0.68 0.00	23.19 -0.60 0.00	28.18 -0.21 0.00	28.49 -0.11 0.00	26.45 -0.59 0.00	24.42 -0.27 0.00	23.03 -0.34 0.00	22.10 -0.38 0.00	23.00 -0.68 0.00	25.93 -1.21 0.00	29.64 -1.70 0.00	40.26 -2.62 0.00	40.60 -2.45 0.00	36.92 -2.15 0.00	31.61 -0.97 0.00	27.62 -0.80 0.00
INDIAN POINT_GT_1 24139	30.91 1.60 3.35	27.95 1.35 3.55	33.30 1.53 0.04	32.39 1.54 0.00	39.17 1.90 0.00	50.40 2.49 0.00	40.14 2.17 0.00	47.14 2.78 0.00	46.49 1.81 -15.29	26.00 1.40 -0.83	30.68 1.60 -0.70	30.78 1.57 -0.62	29.26 1.55 -0.67	26.62 1.38 -0.56	25.29 1.36 -0.56	24.59 1.38 -0.73	25.86 1.54 -0.65	29.45 1.78 -0.53	33.62 1.94 -0.34	45.55 2.49 -0.19	45.49 2.41 -0.03	41.17 2.10 0.00	34.32 1.73 0.00	30.01 1.51 -0.08
INDIAN POINT_GT_2 23659	30.91 1.60 3.35	27.95 1.35 3.55	33.30 1.53 0.04	32.39 1.54 0.00	39.17 1.90 0.00	50.40 2.49 0.00	40.14 2.17 0.00	47.14 2.78 0.00	46.49 1.81 -15.29	26.00 1.40 -0.83	30.68 1.60 -0.70	30.78 1.57 -0.62	29.26 1.55 -0.67	26.62 1.38 -0.56	25.29 1.36 -0.56	24.59 1.38 -0.73	25.86 1.54 -0.65	29.45 1.78 -0.53	33.62 1.94 -0.34	45.55 2.49 -0.19	45.49 2.41 -0.03	41.17 2.10 0.00	34.32 1.73 0.00	30.01 1.51 -0.08
INDIAN POINT_GT_3 24019	30.91 1.60 3.35	27.95 1.35 3.55	33.30 1.53 0.04	32.39 1.54 0.00	39.17 1.90 0.00	50.40 2.49 0.00	40.14 2.17 0.00	47.14 2.78 0.00	46.49 1.81 -15.29	26.00 1.40 -0.83	30.68 1.60 -0.70	30.78 1.57 -0.62	29.26 1.55 -0.67	26.62 1.38 -0.56	25.29 1.36 -0.56	24.59 1.38 -0.73	25.86 1.54 -0.65	29.45 1.78 -0.53	33.62 1.94 -0.34	45.55 2.49 -0.19	45.49 2.41 -0.03	41.17 2.10 0.00	34.32 1.73 0.00	30.01 1.51 -0.08
INDIAN POINT___2 23530	34.27 1.74 0.13	32.00 1.49 -0.38	33.42 1.67 0.07	32.53 1.68 0.00	39.33 2.06 0.00	50.60 2.69 0.00	40.31 2.33 0.00	47.34 2.98 0.00	54.23 1.95 -22.90	26.53 1.51 -1.24	31.18 1.75 -1.04	31.24 1.73 -0.92	29.75 1.71 -1.00	27.03 1.51 -0.83	25.68 1.48 -0.83	25.07 1.50 -1.09	26.30 1.66 -0.97	29.85 1.92 -0.79	33.93 2.08 -0.51	45.79 2.64 -0.28	45.67 2.57 -0.05	41.33 2.25 -0.01	34.45 1.86 0.00	30.17 1.63 -0.12
INDIAN POINT___3 23531	31.18 1.45 2.94	28.26 1.23 3.11	33.18 1.40 0.04	32.28 1.43 0.00	39.05 1.77 0.00	50.23 2.32 0.00	40.00 2.03 0.00	46.95 2.59 0.00	44.50 1.71 -13.41	25.82 1.31 -0.72	30.50 1.50 -0.61	30.62 1.48 -0.54	29.09 1.46 -0.58	26.48 1.31 -0.49	25.15 1.29 -0.49	24.42 1.30 -0.64	25.69 1.44 -0.57	29.27 1.66 -0.46	33.44 1.81 -0.30	45.32 2.28 -0.16	45.30 2.23 -0.03	41.00 1.92 0.00	34.17 1.59 0.00	29.89 1.40 -0.07
INGHAM_C_115KV_TB7 356103	32.43 -0.24 0.00	29.82 -0.32 0.00	31.54 -0.28 0.00	30.73 -0.12 0.00	37.34 0.08 0.00	48.15 0.24 0.00	38.51 0.53 0.00	44.53 0.16 0.00	28.54 -0.84 0.00	22.58 -1.20 0.00	26.54 -1.85 0.00	26.56 -2.03 0.00	25.59 -1.46 0.00	23.28 -1.41 0.00	22.08 -1.29 0.00	21.51 -0.97 0.00	22.73 -0.94 0.00	26.46 -0.68 0.00	31.25 -0.09 0.00	43.20 0.32 0.00	43.35 0.30 0.00	39.43 0.36 0.00	32.91 0.32 0.00	28.64 0.22 0.00
IP CORINTH___1 23988	34.16 1.49 0.00	31.49 1.35 0.00	33.21 1.39 0.00	32.21 1.36 0.00	39.11 1.84 0.00	50.84 2.93 0.00	40.41 2.44 0.00	47.50 3.14 0.00	32.92 3.54 0.00	26.14 2.35 0.00	30.40 2.01 0.00	30.01 1.41 0.00	27.96 0.92 0.00	25.35 0.67 0.00	24.09 0.71 0.00	23.29 0.81 0.00	24.67 1.00 0.00	28.43 1.29 0.00	33.03 1.69 0.00	45.14 2.26 0.00	45.27 2.23 0.00	41.09 2.02 0.00	34.12 1.54 0.00	29.67 1.25 0.00

IP__TICONDEROGA 23804	35.01 2.34 0.00	32.38 2.24 0.00	34.18 2.37 0.00	33.12 2.27 0.00	40.17 2.90 0.00	52.71 4.80 0.00	42.10 4.13 0.00	49.45 5.09 0.00	33.54 4.17 0.00	26.62 2.84 0.00	30.83 2.43 0.00	30.29 1.70 0.00	28.06 1.02 0.00	25.44 0.76 0.00	24.36 0.99 0.00	23.66 1.19 0.00	25.21 1.54 0.00	29.09 1.95 0.00	33.85 2.51 0.00	46.11 3.23 0.00	46.51 3.46 0.00	42.38 3.31 0.00	34.92 2.34 0.00	30.26 1.84 0.00
ISLIP_RES_REC 323679	42.25 1.79 -7.79	39.97 1.58 -8.25	33.70 1.78 -0.10	32.44 1.59 0.00	39.06 1.79 0.00	50.31 2.41 0.00	39.96 1.98 0.00	46.86 2.50 0.00	-4.42 1.81 35.60	30.61 1.35 -5.48	36.59 1.89 -6.32	31.13 1.81 -0.73	31.42 1.76 -2.62	30.43 1.54 -4.20	25.40 1.53 -0.51	22.41 1.63 1.70	23.99 1.82 1.51	28.12 2.20 1.23	32.85 2.30 0.79	45.26 2.82 0.44	45.61 2.64 0.07	41.50 2.44 0.01	34.66 2.08 0.00	30.17 1.94 0.19
JAMAICA__27_KV_LOAD 355505	116.08 2.60 -80.81	57.95 2.28 -25.54	38.82 2.46 -4.55	33.28 2.43 0.00	40.30 3.03 0.00	51.82 3.91 0.00	41.16 3.19 0.00	48.31 3.94 0.00	534.18 2.58 -502.22	52.92 1.96 -27.18	53.44 2.21 -22.85	51.05 2.18 -20.28	51.15 2.17 -21.94	44.95 1.95 -18.32	43.58 1.91 -18.30	48.42 1.93 -24.02	47.06 2.12 -21.26	46.99 2.48 -17.36	45.27 2.75 -11.17	52.57 3.56 -6.14	47.66 3.60 -1.02	42.28 3.04 -0.16	35.18 2.58 -0.02	34.01 2.40 -3.20
JANIS__SOLAR 323808	33.40 0.73 0.00	30.80 0.66 0.00	32.54 0.72 0.00	31.63 0.78 0.00	38.71 1.44 0.00	50.06 2.15 0.00	40.33 2.36 0.00	50.87 6.51 0.00	30.63 1.25 0.00	24.06 0.28 0.00	28.42 0.03 0.00	28.41 -0.19 0.00	26.82 -0.22 0.00	24.45 -0.23 0.00	23.02 -0.35 0.00	22.15 -0.33 0.00	23.48 -0.20 0.00	27.25 0.11 0.00	32.22 0.88 0.00	44.95 2.08 0.00	45.41 2.36 0.00	41.10 2.02 0.00	34.35 1.77 0.00	29.95 1.53 0.00
JARVIS____ 23743	32.68 0.01 0.00	30.14 0.00 0.00	31.85 0.03 0.00	30.89 0.04 0.00	37.31 0.04 0.00	47.96 0.05 0.00	38.08 0.10 0.00	44.52 0.16 0.00	29.43 0.05 0.00	23.80 0.02 0.00	28.39 0.00 0.00	28.60 0.01 0.00	27.07 0.03 0.00	24.70 0.02 0.00	23.38 0.01 0.00	22.49 0.01 0.00	23.72 0.05 0.00	27.22 0.08 0.00	31.46 0.12 0.00	43.05 0.17 0.00	43.18 0.13 0.00	39.16 0.09 0.00	32.65 0.06 0.00	28.48 0.06 0.00
JENNISON__1 23625	32.83 0.16 0.00	30.17 0.03 0.00	31.91 0.09 0.00	31.15 0.30 0.00	38.23 0.96 0.00	49.85 1.94 0.00	39.81 1.83 0.00	47.49 3.13 0.00	30.60 1.22 0.00	24.43 0.65 0.00	28.72 0.33 0.00	28.72 0.13 0.00	27.23 0.18 0.00	24.79 0.11 0.00	23.39 0.02 0.00	22.47 -0.01 0.00	23.83 0.16 0.00	27.72 0.58 0.00	32.69 1.35 0.00	45.29 2.42 0.00	45.67 2.62 0.00	41.29 2.22 0.00	34.54 1.96 0.00	30.12 1.70 0.00
JENNISON__2 23626	32.83 0.16 0.00	30.17 0.03 0.00	31.91 0.09 0.00	31.15 0.30 0.00	38.23 0.96 0.00	49.85 1.94 0.00	39.81 1.83 0.00	47.49 3.13 0.00	30.60 1.22 0.00	24.43 0.65 0.00	28.72 0.33 0.00	28.72 0.13 0.00	27.23 0.18 0.00	24.79 0.11 0.00	23.39 0.02 0.00	22.47 -0.01 0.00	23.83 0.16 0.00	27.72 0.58 0.00	32.69 1.35 0.00	45.29 2.42 0.00	45.67 2.62 0.00	41.29 2.22 0.00	34.54 1.96 0.00	30.12 1.70 0.00
JERICHO_RISE_WT_PWR 323719	21.79 -0.79 10.09	29.50 -0.63 0.00	31.17 -0.65 0.00	-16.35 -0.95 46.25	25.66 -1.07 10.53	46.88 -1.03 0.00	37.25 -0.72 0.00	43.36 -1.00 0.00	28.47 -0.91 0.00	23.02 -0.76 0.00	27.28 -1.11 0.00	14.52 -1.17 12.90	13.16 -1.19 12.69	-24.57 -1.07 48.18	-0.70 -1.02 23.06	-4.18 -1.01 25.65	-8.97 -1.08 31.56	26.10 -1.05 0.00	30.54 -0.80 0.00	42.77 -0.11 0.00	43.49 0.44 0.00	39.59 0.52 0.00	32.52 -0.06 0.00	28.09 -0.33 0.00
KATONAH__115KV_46KV_TB4 355592	34.12 1.72 0.27	31.30 1.48 0.32	33.46 1.64 0.00	32.50 1.65 0.00	39.30 2.03 0.00	50.59 2.68 0.00	40.31 2.34 0.00	47.34 2.98 0.00	31.33 1.95 0.00	25.28 1.50 0.00	30.12 1.73 0.00	30.30 1.71 0.00	28.70 1.66 0.00	26.16 1.47 0.00	24.81 1.44 0.00	23.93 1.45 0.00	25.29 1.61 0.00	29.01 1.87 0.00	33.38 2.04 0.00	45.49 2.62 0.00	45.59 2.54 0.00	41.28 2.21 0.00	34.40 1.82 0.00	30.00 1.58 0.00
KCE_NY_1 323755	33.96 1.29 0.00	31.30 1.16 0.00	33.02 1.20 0.00	32.05 1.20 0.00	38.90 1.63 0.00	50.41 2.50 0.00	40.07 2.09 0.00	46.84 2.48 0.00	31.19 1.81 0.00	25.06 1.28 0.00	29.74 1.35 0.00	29.88 1.28 0.00	28.00 0.96 0.00	25.39 0.70 0.00	24.09 0.72 0.00	23.32 0.84 0.00	24.66 0.98 0.00	28.41 1.27 0.00	32.95 1.61 0.00	45.02 2.14 0.00	45.14 2.09 0.00	40.87 1.79 0.00	34.05 1.47 0.00	29.65 1.23 0.00
KCE_NY_6_ESR 323823	32.52 -0.15 0.00	29.98 -0.16 0.00	31.53 -0.29 0.00	30.50 -0.35 0.00	37.05 -0.22 0.00	47.21 -0.70 0.00	37.35 -0.63 0.00	43.30 -1.07 0.00	29.08 -0.30 0.00	23.46 -0.32 0.00	28.44 0.05 0.00	28.72 0.13 0.00	26.73 -0.31 0.00	24.64 -0.05 0.00	23.22 -0.15 0.00	22.31 -0.17 0.00	23.27 -0.40 0.00	26.29 -0.85 0.00	30.08 -1.26 0.00	40.90 -1.97 0.00	41.24 -1.82 0.00	37.46 -1.62 0.00	31.92 -0.66 0.00	27.88 -0.54 0.00
KEDC_PORT_JEFF_GT2 24210	42.08 1.62 -7.79	39.83 1.44 -8.25	33.55 1.63 -0.10	32.30 1.45 0.00	38.87 1.60 0.00	50.06 2.15 0.00	39.74 1.77 0.00	46.59 2.24 0.00	-4.59 1.64 35.60	25.67 1.22 -0.67	31.30 1.74 -1.17	29.59 1.67 0.68	28.58 1.63 0.09	26.74 1.43 -0.63	24.13 1.42 0.66	22.30 1.52 1.70	23.86 1.70 1.51	27.95 2.04 1.23	32.55 2.01 0.79	44.86 2.43 0.44	45.23 2.26 0.07	41.26 2.19 0.01	34.47 1.89 0.00	30.02 1.79 0.19
KEDC_PORT_JEFF_GT3 24211	42.08 1.62 -7.79	39.83 1.44 -8.25	33.55 1.63 -0.10	32.30 1.45 0.00	38.87 1.60 0.00	50.06 2.15 0.00	39.74 1.77 0.00	46.59 2.24 0.00	-4.59 1.64 35.60	25.67 1.22 -0.67	31.30 1.74 -1.17	29.59 1.67 0.68	28.58 1.63 0.09	26.74 1.43 -0.63	24.13 1.42 0.66	22.30 1.52 1.70	23.86 1.70 1.51	27.95 2.04 1.23	32.55 2.01 0.79	44.86 2.43 0.44	45.23 2.26 0.07	41.26 2.19 0.01	34.47 1.89 0.00	30.02 1.79 0.19
KEDC_GLWD_GT4 24219	42.34 1.88 -7.80	39.98 1.59 -8.25	33.71 1.79 -0.10	32.60 1.75 0.00	39.37 2.10 0.00	50.65 2.75 0.00	40.31 2.34 0.00	47.34 2.98 0.00	-4.19 2.04 35.60	23.47 1.62 1.93	28.77 2.00 1.62	29.11 1.95 1.44	27.41 1.92 1.56	25.08 1.70 1.30	23.75 1.68 1.30	22.48 1.70 1.70	24.04 1.87 1.51	28.08 2.17 1.23	32.86 2.32 0.79	45.18 2.74 0.44	45.63 2.65 0.07	41.50 2.44 0.01	34.59 2.01 0.00	30.06 1.83 0.19
KEDC_GLWD_GT5 24220	42.34 1.88 -7.80	39.98 1.59 -8.25	33.71 1.79 -0.10	32.60 1.75 0.00	39.37 2.10 0.00	50.65 2.75 0.00	40.31 2.34 0.00	47.34 2.98 0.00	-4.19 2.04 35.60	23.47 1.62 1.93	28.77 2.00 1.62	29.11 1.95 1.44	27.41 1.92 1.56	25.08 1.70 1.30	23.75 1.68 1.30	22.48 1.70 1.70	24.04 1.87 1.51	28.08 2.17 1.23	32.86 2.32 0.79	45.18 2.74 0.44	45.63 2.65 0.07	41.50 2.44 0.01	34.59 2.01 0.00	30.06 1.83 0.19

KENSICO____ 23655	30.19 1.69 4.17	27.16 1.44 4.42	33.38 1.62 0.06	32.48 1.63 0.00	39.27 2.00 0.00	50.53 2.62 0.00	40.25 2.28 0.00	47.27 2.91 0.00	50.35 1.91 -19.06	26.28 1.47 -1.03	30.97 1.71 -0.87	31.05 1.68 -0.77	29.53 1.65 -0.83	26.85 1.48 -0.70	25.52 1.45 -0.69	24.85 1.46 -0.91	26.10 1.62 -0.81	29.67 1.87 -0.66	33.80 2.03 -0.42	45.69 2.58 -0.23	45.61 2.52 -0.04	41.28 2.20 -0.01	34.41 1.82 0.00	30.11 1.59 -0.10
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.59 1.92 0.00	31.80 1.66 0.00	33.64 1.82 0.00	32.66 1.81 0.00	39.52 2.25 0.00	50.87 2.97 0.00	40.55 2.58 0.00	47.56 3.20 0.00	31.42 2.04 0.00	25.26 1.48 0.00	30.00 1.61 0.00	30.13 1.54 0.00	28.54 1.49 0.00	26.02 1.34 0.00	24.69 1.31 0.00	23.79 1.31 0.00	25.15 1.47 0.00	28.93 1.79 0.00	33.45 2.11 0.00	45.73 2.86 0.00	45.89 2.84 0.00	41.54 2.47 0.00	34.60 2.02 0.00	30.16 1.74 0.00
KIAC_JFK_GT1 23816	115.82 2.34 -80.81	57.77 2.09 -25.54	38.62 2.26 -4.55	33.09 2.25 0.00	40.06 2.79 0.00	51.46 3.55 0.00	40.78 2.81 0.00	47.84 3.48 0.00	533.88 2.28 -502.22	52.69 1.72 -27.18	53.16 1.93 -22.85	50.77 1.90 -20.28	50.89 1.90 -21.94	44.72 1.72 -18.32	43.36 1.69 -18.30	48.21 1.71 -24.02	46.83 1.89 -21.26	46.72 2.22 -17.36	44.95 2.44 -11.17	52.14 3.13 -6.14	47.23 3.17 -1.02	41.88 2.65 -0.16	34.86 2.26 -0.02	33.83 2.22 -3.20
KIAC_JFK_GT2 23817	115.82 2.34 -80.81	57.77 2.09 -25.54	38.62 2.26 -4.55	33.09 2.25 0.00	40.06 2.79 0.00	51.46 3.55 0.00	40.78 2.81 0.00	47.84 3.48 0.00	533.88 2.28 -502.22	52.69 1.72 -27.18	53.16 1.93 -22.85	50.77 1.90 -20.28	50.89 1.90 -21.94	44.72 1.72 -18.32	43.36 1.69 -18.30	48.21 1.71 -24.02	46.83 1.89 -21.26	46.72 2.22 -17.36	44.95 2.44 -11.17	52.14 3.13 -6.14	47.23 3.17 -1.02	41.88 2.65 -0.16	34.86 2.26 -0.02	33.83 2.22 -3.20
KIAC_JFK____ 323774	115.83 2.35 -80.81	57.77 2.09 -25.54	38.65 2.29 -4.55	33.09 2.24 0.00	40.06 2.79 0.00	51.46 3.55 0.00	40.78 2.81 0.00	47.84 3.48 0.00	533.93 2.32 -502.22	52.80 1.84 -27.18	53.17 1.94 -22.85	50.77 1.90 -20.28	51.02 2.04 -21.94	44.83 1.83 -18.32	43.44 1.77 -18.30	48.28 1.79 -24.02	46.91 1.97 -21.26	46.79 2.28 -17.36	45.03 2.52 -11.17	52.16 3.15 -6.14	47.23 3.17 -1.02	41.88 2.65 -0.16	34.85 2.25 -0.02	33.86 2.25 -3.20
KINTIGH____ 23543	32.01 -0.66 0.00	29.53 -0.61 0.00	31.07 -0.75 0.00	30.04 -0.81 0.00	36.44 -0.83 0.00	46.52 -1.39 0.00	36.77 -1.21 0.00	42.58 -1.78 0.00	28.53 -0.85 0.00	23.09 -0.69 0.00	27.96 -0.43 0.00	28.27 -0.32 0.00	26.39 -0.66 0.00	24.26 -0.42 0.00	22.88 -0.49 0.00	21.93 -0.55 0.00	22.95 -0.73 0.00	25.94 -1.21 0.00	29.65 -1.69 0.00	40.33 -2.55 0.00	40.61 -2.44 0.00	36.92 -2.15 0.00	31.41 -1.17 0.00	27.45 -0.97 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	22.83 -0.30 9.54	29.99 -0.15 0.00	31.64 -0.18 0.00	-13.38 -0.50 43.73	26.72 -0.58 9.96	47.63 -0.28 0.00	37.85 -0.12 0.00	44.14 -0.22 0.00	28.88 -0.50 0.00	23.33 -0.45 0.00	27.60 -0.79 0.00	15.50 -0.89 12.20	14.14 -0.90 12.00	-21.72 -0.85 45.56	0.76 -0.81 21.80	-2.59 -0.82 24.25	-7.05 -0.88 29.85	26.37 -0.78 0.00	30.83 -0.51 0.00	43.27 0.39 0.00	44.09 1.04 0.00	40.16 1.09 0.00	33.03 0.45 0.00	28.53 0.11 0.00
LACHUTE__HYDRO 323717	35.01 2.34 0.00	32.38 2.24 0.00	34.19 2.37 0.00	33.12 2.26 0.00	40.17 2.90 0.00	52.71 4.80 0.00	42.10 4.13 0.00	49.45 5.09 0.00	33.54 4.17 0.00	26.62 2.84 0.00	30.83 2.44 0.00	30.29 1.70 0.00	28.06 1.02 0.00	25.44 0.76 0.00	24.35 0.98 0.00	23.66 1.18 0.00	25.21 1.54 0.00	29.09 1.95 0.00	33.85 2.51 0.00	46.11 3.23 0.00	46.51 3.46 0.00	42.38 3.31 0.00	34.92 2.34 0.00	30.26 1.84 0.00
LAWRNCALV_115KV_TB1 80681	33.82 -0.16 -1.31	30.08 -0.05 0.00	31.70 -0.11 0.00	36.63 -0.23 -6.01	38.36 -0.28 -1.37	47.64 -0.27 0.00	37.38 -0.59 0.00	43.39 -0.97 0.00	28.74 -0.64 0.00	23.11 -0.68 0.00	27.50 -0.89 0.00	29.44 -0.82 -1.67	27.87 -0.82 -1.65	30.23 -0.71 -6.26	25.65 -0.72 -3.00	25.11 -0.70 -3.33	27.03 -0.76 -4.11	26.34 -0.80 0.00	30.69 -0.65 0.00	42.57 -0.31 0.00	42.98 -0.07 0.00	38.99 -0.08 0.00	32.29 -0.30 0.00	28.04 -0.38 0.00
LEDERLE____ 23769	32.60 1.50 1.57	29.55 1.28 1.87	33.27 1.45 0.00	32.32 1.48 0.00	39.13 1.87 0.00	50.35 2.44 0.00	40.10 2.13 0.00	47.07 2.71 0.00	31.18 1.80 0.00	25.17 1.38 0.00	29.96 1.57 0.00	30.15 1.56 0.00	28.58 1.54 0.00	26.06 1.38 0.00	24.72 1.35 0.00	23.84 1.36 0.00	25.18 1.50 0.00	28.86 1.72 0.00	33.21 1.87 0.00	45.24 2.37 0.00	45.37 2.32 0.00	41.06 1.99 0.00	34.22 1.63 0.00	29.87 1.45 0.00
LIGHTHSE_115KV_TB6 355974	31.95 -0.71 0.00	29.64 -0.50 0.00	31.29 -0.53 0.00	30.26 -0.59 0.00	36.47 -0.80 0.00	46.84 -1.07 0.00	37.24 -0.73 0.00	43.36 -1.00 0.00	28.48 -0.90 0.00	22.86 -0.92 0.00	27.30 -1.09 0.00	27.66 -0.93 0.00	26.21 -0.83 0.00	23.89 -0.79 0.00	22.49 -0.88 0.00	21.61 -0.87 0.00	22.74 -0.93 0.00	26.17 -0.97 0.00	30.49 -0.85 0.00	42.20 -0.68 0.00	42.43 -0.63 0.00	38.23 -0.84 0.00	31.82 -0.76 0.00	27.84 -0.58 0.00
LINDEN COGEN____ 23786	64.28 2.05 -29.56	53.12 1.75 -21.24	35.13 1.92 -1.39	32.78 1.93 0.00	39.68 2.41 0.00	51.04 3.13 0.00	40.64 2.67 0.00	47.73 3.37 0.00	533.82 2.21 -502.22	52.65 1.68 -27.18	53.18 1.94 -22.85	50.77 1.90 -20.28	50.85 1.87 -21.94	44.68 1.67 -18.32	43.31 1.64 -18.30	48.15 1.65 -24.02	46.76 1.82 -21.26	46.60 2.09 -17.36	44.79 2.28 -11.17	51.92 2.91 -6.14	46.91 2.84 -1.02	41.70 2.47 -0.16	34.65 2.06 -0.02	32.90 1.85 -2.63
LINDHRST_69_KV_BK1 356055	42.42 1.95 -7.79	40.06 1.67 -8.25	33.81 1.89 -0.10	32.59 1.74 0.00	39.29 2.02 0.00	50.58 2.67 0.00	40.18 2.21 0.00	47.17 2.81 0.00	-4.22 2.01 35.60	23.40 1.55 1.93	28.83 2.06 1.62	29.11 1.96 1.44	27.40 1.91 1.56	25.08 1.69 1.30	23.76 1.69 1.30	22.52 1.75 1.70	24.08 1.92 1.51	28.22 2.31 1.23	33.00 2.46 0.79	45.46 3.02 0.44	45.89 2.91 0.07	41.65 2.59 0.01	34.71 2.14 0.00	30.22 1.99 0.19
LIPA_MISC_IPP 23656	41.68 1.22 -7.79	39.53 1.14 -8.25	33.21 1.30 -0.10	31.95 1.10 0.00	38.44 1.17 0.00	49.52 1.61 0.00	39.37 1.39 0.00	46.14 1.78 0.00	-4.90 1.32 35.60	1.12 0.95 23.61	4.97 1.46 24.88	22.21 1.42 7.80	14.65 1.37 13.76	8.45 1.19 17.42	17.98 1.20 6.58	22.10 1.33 1.70	23.64 1.47 1.51	27.68 1.77 1.23	32.36 1.82 0.79	44.58 2.14 0.44	44.92 1.94 0.07	40.85 1.79 0.01	34.18 1.60 0.00	29.77 1.54 0.19
LISF__SOLAR 323691	41.73 1.27 -7.79	39.56 1.17 -8.25	33.27 1.35 -0.10	31.98 1.13 0.00	38.47 1.20 0.00	49.57 1.66 0.00	39.41 1.44 0.00	46.19 1.83 0.00	-4.88 1.34 35.60	-9.97 0.97 34.72	-6.93 1.47 36.79	18.93 1.40 11.06	8.40 1.37 20.01	0.18 1.18 25.68	15.27 1.19 9.29	22.09 1.32 1.70	23.65 1.49 1.51	27.71 1.80 1.23	32.39 1.85 0.79	44.66 2.22 0.44	44.98 2.00 0.07	40.90 1.84 0.01	34.22 1.64 0.00	29.83 1.59 0.19

LITTLE FALLS___HYD 24013	32.43 -0.24 0.00	29.82 -0.32 0.00	31.54 -0.28 0.00	30.73 -0.12 0.00	37.34 0.08 0.00	48.15 0.24 0.00	38.51 0.53 0.00	44.53 0.16 0.00	28.54 -0.84 0.00	22.58 -1.20 0.00	26.54 -1.85 0.00	26.56 -2.03 0.00	25.59 -1.46 0.00	23.28 -1.41 0.00	22.08 -1.29 0.00	21.51 -0.97 0.00	22.73 -0.94 0.00	26.46 -0.68 0.00	31.25 -0.09 0.00	43.20 0.32 0.00	43.35 0.30 0.00	39.43 0.36 0.00	32.91 0.32 0.00	28.64 0.22 0.00
LITTLRIV_115KV_TB1 356100	34.50 0.39 -1.44	30.58 0.44 0.00	32.15 0.34 0.00	37.71 0.26 -6.61	39.09 0.32 -1.51	48.45 0.55 0.00	38.05 0.07 0.00	44.01 -0.35 0.00	28.95 -0.43 0.00	23.21 -0.57 0.00	27.62 -0.77 0.00	29.72 -0.71 -1.84	28.14 -0.71 -1.81	30.95 -0.61 -6.88	26.04 -0.62 -3.29	25.52 -0.62 -3.67	27.52 -0.67 -4.51	26.45 -0.69 0.00	30.88 -0.46 0.00	43.10 0.22 0.00	43.66 0.61 0.00	39.60 0.53 0.00	32.79 0.21 0.00	28.46 0.04 0.00
LI_NEWBRDGE___DRP 323616	42.01 1.55 -7.79	39.69 1.30 -8.25	33.41 1.49 -0.10	32.27 1.42 0.00	38.91 1.65 0.00	50.05 2.15 0.00	39.77 1.79 0.00	46.69 2.32 0.00	-4.53 1.69 35.60	23.22 1.36 1.93	28.58 1.81 1.62	28.89 1.74 1.44	27.20 1.71 1.56	24.91 1.52 1.30	23.58 1.51 1.30	22.34 1.56 1.70	23.86 1.69 1.51	27.90 1.99 1.23	32.64 2.09 0.79	44.90 2.46 0.44	45.33 2.35 0.07	41.12 2.05 0.01	34.29 1.71 0.00	29.88 1.64 0.19
LOCKPORT_115KV_TB60_63_64 80432	31.93 -0.74 0.00	29.43 -0.71 0.00	30.94 -0.87 0.00	29.89 -0.96 0.00	36.30 -0.97 0.00	46.31 -1.60 0.00	36.58 -1.39 0.00	42.21 -2.15 0.00	28.31 -1.07 0.00	22.89 -0.89 0.00	27.81 -0.58 0.00	28.11 -0.49 0.00	26.11 -0.94 0.00	24.05 -0.63 0.00	22.67 -0.70 0.00	21.72 -0.76 0.00	22.68 -0.99 0.00	25.54 -1.60 0.00	29.19 -2.15 0.00	39.70 -3.17 0.00	40.09 -2.96 0.00	36.48 -2.59 0.00	31.23 -1.36 0.00	27.28 -1.14 0.00
LOCKPORT___CC1 323769	31.93 -0.73 0.00	29.45 -0.69 0.00	30.95 -0.86 0.00	29.90 -0.95 0.00	36.32 -0.95 0.00	46.32 -1.59 0.00	36.58 -1.39 0.00	42.23 -2.13 0.00	28.36 -1.02 0.00	22.90 -0.88 0.00	27.84 -0.55 0.00	28.14 -0.45 0.00	26.14 -0.90 0.00	24.13 -0.55 0.00	22.75 -0.62 0.00	21.83 -0.65 0.00	22.71 -0.97 0.00	25.58 -1.56 0.00	29.22 -2.12 0.00	39.75 -3.13 0.00	40.10 -2.95 0.00	36.50 -2.58 0.00	31.23 -1.35 0.00	27.30 -1.12 0.00
LOCKPORT___CC2 323770	31.93 -0.73 0.00	29.45 -0.69 0.00	30.95 -0.86 0.00	29.90 -0.95 0.00	36.32 -0.95 0.00	46.32 -1.59 0.00	36.58 -1.39 0.00	42.23 -2.13 0.00	28.36 -1.02 0.00	22.90 -0.88 0.00	27.84 -0.55 0.00	28.14 -0.45 0.00	26.14 -0.90 0.00	24.13 -0.55 0.00	22.75 -0.62 0.00	21.83 -0.65 0.00	22.71 -0.97 0.00	25.58 -1.56 0.00	29.22 -2.12 0.00	39.75 -3.13 0.00	40.10 -2.95 0.00	36.50 -2.58 0.00	31.23 -1.35 0.00	27.30 -1.12 0.00
LOCKPORT___CC3 323771	31.93 -0.73 0.00	29.45 -0.69 0.00	30.95 -0.86 0.00	29.90 -0.95 0.00	36.32 -0.95 0.00	46.32 -1.59 0.00	36.58 -1.39 0.00	42.23 -2.13 0.00	28.36 -1.02 0.00	22.90 -0.88 0.00	27.84 -0.55 0.00	28.14 -0.45 0.00	26.14 -0.90 0.00	24.13 -0.55 0.00	22.75 -0.62 0.00	21.83 -0.65 0.00	22.71 -0.97 0.00	25.58 -1.56 0.00	29.22 -2.12 0.00	39.75 -3.13 0.00	40.10 -2.95 0.00	36.50 -2.58 0.00	31.23 -1.35 0.00	27.30 -1.12 0.00
LONG_LAKE_PHOENIX 24014	31.95 -0.72 0.00	29.48 -0.66 0.00	31.09 -0.73 0.00	30.17 -0.68 0.00	36.44 -0.82 0.00	46.82 -1.09 0.00	37.20 -0.78 0.00	43.42 -0.94 0.00	28.72 -0.66 0.00	23.27 -0.51 0.00	27.84 -0.54 0.00	28.01 -0.58 0.00	26.45 -0.59 0.00	24.16 -0.52 0.00	22.83 -0.54 0.00	21.91 -0.57 0.00	23.04 -0.64 0.00	26.40 -0.74 0.00	30.51 -0.83 0.00	41.84 -1.03 0.00	42.03 -1.02 0.00	38.11 -0.97 0.00	31.85 -0.73 0.00	27.82 -0.60 0.00
LOVETT___3 23632	32.28 1.41 1.80	29.19 1.20 2.15	33.18 1.37 0.00	32.25 1.40 0.00	39.01 1.74 0.00	50.19 2.28 0.00	39.97 1.99 0.00	46.91 2.55 0.00	31.07 1.69 0.00	25.07 1.29 0.00	29.86 1.46 0.00	30.05 1.46 0.00	28.48 1.43 0.00	25.97 1.28 0.00	24.64 1.27 0.00	23.75 1.28 0.00	25.08 1.40 0.00	28.74 1.60 0.00	33.07 1.73 0.00	45.06 2.18 0.00	45.19 2.13 0.00	40.90 1.83 0.00	34.09 1.51 0.00	29.77 1.35 0.00
LOVETT___4 23642	32.28 1.41 1.80	29.19 1.20 2.15	33.18 1.37 0.00	32.25 1.40 0.00	39.01 1.74 0.00	50.19 2.28 0.00	39.97 1.99 0.00	46.91 2.55 0.00	31.07 1.69 0.00	25.07 1.29 0.00	29.86 1.46 0.00	30.05 1.46 0.00	28.48 1.43 0.00	25.97 1.28 0.00	24.64 1.27 0.00	23.75 1.28 0.00	25.08 1.40 0.00	28.74 1.60 0.00	33.07 1.73 0.00	45.06 2.18 0.00	45.19 2.13 0.00	40.90 1.83 0.00	34.09 1.51 0.00	29.77 1.35 0.00
LOVETT___5 23593	32.28 1.41 1.80	29.19 1.20 2.15	33.18 1.37 0.00	32.25 1.40 0.00	39.01 1.74 0.00	50.19 2.28 0.00	39.97 1.99 0.00	46.91 2.55 0.00	31.07 1.69 0.00	25.07 1.29 0.00	29.86 1.46 0.00	30.05 1.46 0.00	28.48 1.43 0.00	25.97 1.28 0.00	24.64 1.27 0.00	23.75 1.28 0.00	25.08 1.40 0.00	28.74 1.60 0.00	33.07 1.73 0.00	45.06 2.18 0.00	45.19 2.13 0.00	40.90 1.83 0.00	34.09 1.51 0.00	29.77 1.35 0.00
LOWER RAQUET___HYD 24057	33.89 -0.35 -1.57	29.93 -0.21 0.00	31.54 -0.28 0.00	37.61 -0.40 -7.17	38.41 -0.49 -1.63	47.38 -0.53 0.00	37.20 -0.77 0.00	43.17 -1.19 0.00	28.55 -0.83 0.00	22.92 -0.86 0.00	27.27 -1.12 0.00	29.54 -1.05 -2.00	27.98 -1.03 -1.97	31.24 -0.91 -7.47	26.03 -0.91 -3.58	25.56 -0.89 -3.98	27.62 -0.95 -4.89	26.13 -1.01 0.00	30.49 -0.85 0.00	42.38 -0.50 0.00	42.82 -0.23 0.00	38.82 -0.25 0.00	32.11 -0.47 0.00	27.88 -0.54 0.00
LOWER___HUDSON 24059	33.43 0.76 0.00	30.80 0.66 0.00	32.52 0.70 0.00	31.55 0.70 0.00	38.12 0.85 0.00	49.14 1.23 0.00	39.04 1.07 0.00	45.73 1.37 0.00	30.32 0.94 0.00	24.51 0.73 0.00	29.10 0.71 0.00	29.24 0.64 0.00	27.66 0.61 0.00	25.14 0.46 0.00	23.86 0.49 0.00	23.02 0.55 0.00	24.33 0.65 0.00	27.99 0.85 0.00	32.29 0.95 0.00	44.07 1.19 0.00	44.09 1.04 0.00	40.08 1.01 0.00	33.41 0.83 0.00	29.11 0.69 0.00
LOWVILLE_115KV_TB2 356335	32.82 -0.30 -0.45	30.17 0.03 0.00	32.07 0.25 0.00	32.89 -0.02 -2.06	37.47 -0.27 -0.47	47.73 -0.18 0.00	38.07 0.10 0.00	44.26 -0.10 0.00	28.91 -0.47 0.00	22.76 -1.02 0.00	26.88 -1.51 0.00	28.13 -1.04 -0.57	26.80 -0.81 -0.57	26.04 -0.79 -2.15	23.37 -1.03 -1.03	22.71 -0.91 -1.14	24.26 -0.82 -1.41	26.49 -0.66 0.00	31.33 -0.01 0.00	43.81 0.93 0.00	44.01 0.96 0.00	39.25 0.18 0.00	32.30 -0.28 0.00	28.16 -0.26 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.97 1.30 0.00	31.30 1.16 0.00	33.03 1.21 0.00	32.05 1.21 0.00	38.92 1.65 0.00	50.39 2.49 0.00	40.05 2.08 0.00	46.86 2.50 0.00	31.18 1.80 0.00	25.06 1.27 0.00	29.73 1.34 0.00	29.88 1.28 0.00	28.00 0.96 0.00	25.40 0.72 0.00	24.11 0.74 0.00	23.31 0.83 0.00	24.65 0.97 0.00	28.40 1.25 0.00	32.91 1.57 0.00	44.98 2.10 0.00	45.06 2.01 0.00	40.88 1.81 0.00	34.03 1.45 0.00	29.63 1.21 0.00

LUTHERNY_35_KV_BK2 355980	33.96 1.29 0.00	31.30 1.16 0.00	33.02 1.20 0.00	32.05 1.20 0.00	38.90 1.63 0.00	50.41 2.50 0.00	40.07 2.10 0.00	46.84 2.48 0.00	31.20 1.82 0.00	25.06 1.28 0.00	29.73 1.35 0.00	29.88 1.28 0.00	28.00 0.96 0.00	25.39 0.71 0.00	24.09 0.72 0.00	23.32 0.85 0.00	24.65 0.97 0.00	28.40 1.26 0.00	32.95 1.61 0.00	45.02 2.14 0.00	45.14 2.09 0.00	40.87 1.79 0.00	34.04 1.46 0.00	29.65 1.23 0.00
LWR___OSWEGATCHIE_HYD 23850	33.25 -0.48 -1.06	29.91 -0.23 0.00	31.63 -0.19 0.00	35.34 -0.38 -4.87	37.80 -0.58 -1.11	47.30 -0.60 0.00	37.45 -0.52 0.00	43.46 -0.90 0.00	28.51 -0.87 0.00	22.66 -1.12 0.00	26.86 -1.53 0.00	28.69 -1.26 -1.35	27.27 -1.11 -1.34	28.73 -1.02 -5.07	24.67 -1.13 -2.43	24.12 -1.06 -2.70	25.95 -1.05 -3.32	26.11 -1.03 0.00	30.69 -0.65 0.00	42.85 -0.03 0.00	43.18 0.13 0.00	38.83 -0.24 0.00	32.03 -0.56 0.00	27.88 -0.54 0.00
LYONS_FALL_HYD 23570	33.05 0.08 -0.30	30.39 0.25 0.00	32.21 0.39 0.00	32.47 0.24 -1.38	37.72 0.13 -0.31	48.21 0.30 0.00	38.42 0.44 0.00	44.72 0.36 0.00	29.30 -0.08 0.00	23.28 -0.50 0.00	27.58 -0.81 0.00	28.47 -0.51 -0.38	27.04 -0.38 -0.38	25.73 -0.39 -1.44	23.50 -0.56 -0.69	22.76 -0.49 -0.77	24.21 -0.41 -0.94	26.91 -0.23 0.00	31.62 0.28 0.00	43.89 1.02 0.00	44.09 1.04 0.00	39.56 0.49 0.00	32.71 0.13 0.00	28.50 0.09 0.00
MADISON___COUNTY_LFGE 323628	33.34 0.67 0.00	30.75 0.61 0.00	32.47 0.65 0.00	31.52 0.67 0.00	38.07 0.80 0.00	49.03 1.12 0.00	39.02 1.05 0.00	45.50 1.14 0.00	29.86 0.48 0.00	24.00 0.22 0.00	28.57 0.18 0.00	28.82 0.22 0.00	27.24 0.20 0.00	24.85 0.17 0.00	23.47 0.10 0.00	22.57 0.09 0.00	23.82 0.14 0.00	27.45 0.31 0.00	32.00 0.66 0.00	44.10 1.22 0.00	44.35 1.30 0.00	40.10 1.03 0.00	33.41 0.83 0.00	29.11 0.69 0.00
MALONE___115KV_TB1 356076	39.04 -0.32 -6.70	29.92 -0.22 0.00	31.58 -0.24 0.00	61.05 -0.50 -30.70	43.73 -0.54 -6.99	47.55 -0.36 0.00	37.73 -0.25 0.00	43.89 -0.47 0.00	28.82 -0.56 0.00	23.22 -0.56 0.00	27.51 -0.88 0.00	36.21 -0.92 -8.54	34.49 -0.97 -8.42	55.78 -0.88 -31.97	37.81 -0.85 -15.30	38.63 -0.87 -17.02	43.70 -0.93 -20.95	26.25 -0.89 0.00	30.75 -0.59 0.00	43.05 0.17 0.00	43.80 0.75 0.00	39.81 0.73 0.00	32.74 0.15 0.00	28.29 -0.13 0.00
MAPLEWOD_115KV_TB3 80458	33.40 0.73 0.00	30.81 0.67 0.00	32.53 0.71 0.00	31.58 0.73 0.00	38.09 0.82 0.00	48.99 1.09 0.00	38.91 0.94 0.00	45.57 1.21 0.00	30.14 0.76 0.00	24.42 0.63 0.00	29.04 0.65 0.00	29.21 0.62 0.00	27.71 0.66 0.00	25.24 0.56 0.00	23.94 0.58 0.00	23.09 0.61 0.00	24.40 0.72 0.00	28.03 0.89 0.00	32.32 0.98 0.00	44.07 1.19 0.00	44.09 1.04 0.00	40.08 1.01 0.00	33.41 0.82 0.00	29.12 0.70 0.00
MAPLE_RIDGE_WT_1 323574	32.35 -0.32 0.00	29.89 -0.25 0.00	31.66 -0.15 0.00	30.63 -0.22 0.00	36.91 -0.36 0.00	47.45 -0.45 0.00	37.53 -0.44 0.00	43.87 -0.49 0.00	29.08 -0.30 0.00	23.40 -0.39 0.00	27.81 -0.58 0.00	28.06 -0.54 0.00	26.67 -0.37 0.00	24.35 -0.33 0.00	22.99 -0.38 0.00	22.13 -0.35 0.00	23.34 -0.34 0.00	26.86 -0.28 0.00	31.18 -0.16 0.00	42.79 -0.08 0.00	42.94 -0.11 0.00	38.86 -0.21 0.00	32.10 -0.48 0.00	27.90 -0.52 0.00
MAPLE_RIDGE_WT_2 323611	32.35 -0.32 0.00	29.89 -0.25 0.00	31.66 -0.15 0.00	30.63 -0.22 0.00	36.91 -0.36 0.00	47.45 -0.45 0.00	37.53 -0.44 0.00	43.87 -0.49 0.00	29.08 -0.30 0.00	23.40 -0.39 0.00	27.81 -0.58 0.00	28.06 -0.54 0.00	26.67 -0.37 0.00	24.35 -0.33 0.00	22.99 -0.38 0.00	22.13 -0.35 0.00	23.34 -0.34 0.00	26.86 -0.28 0.00	31.18 -0.16 0.00	42.79 -0.08 0.00	42.94 -0.11 0.00	38.86 -0.21 0.00	32.10 -0.48 0.00	27.90 -0.52 0.00
MARBLE_RIVER_WT_PWR 323696	22.56 -0.75 9.35	29.55 -0.59 0.00	31.20 -0.61 0.00	-12.91 -0.89 42.86	26.48 -1.03 9.76	46.95 -0.96 0.00	37.31 -0.66 0.00	43.45 -0.91 0.00	28.51 -0.87 0.00	23.07 -0.71 0.00	27.33 -1.06 11.96	15.51 -1.13 11.77	14.14 -1.13 44.66	-21.00 -1.03 21.37	1.02 -0.98 23.77	-2.25 -0.96 29.26	-6.62 -1.04 0.00	26.15 -0.99 0.00	30.58 -0.76 0.00	42.81 -0.07 0.00	43.53 0.48 0.00	39.63 0.56 0.00	32.59 0.01 0.00	28.16 -0.26 0.00
MARSHVLE_115KV_TB1 80742	34.50 1.83 0.00	31.81 1.67 0.00	33.61 1.79 0.00	32.55 1.70 0.00	39.50 2.23 0.00	50.98 3.07 0.00	40.57 2.60 0.00	46.81 2.46 0.00	30.14 0.76 0.00	24.05 0.27 0.00	28.66 0.27 0.00	28.81 0.22 0.00	27.22 0.18 0.00	24.82 0.13 0.00	23.47 0.11 0.00	22.68 0.20 0.00	23.90 0.22 0.00	27.53 0.39 0.00	32.52 1.18 0.00	45.32 2.45 0.00	45.72 2.67 0.00	41.59 2.52 0.00	34.57 1.99 0.00	30.08 1.66 0.00
MARSH_HILL_WT_PWR 323713	32.07 -0.60 0.00	30.06 -0.08 0.00	31.77 -0.05 0.00	30.87 0.02 0.00	37.44 0.17 0.00	47.72 -0.19 0.00	37.90 -0.08 0.00	44.23 -0.12 0.00	29.40 0.02 0.00	23.55 -0.23 0.00	28.09 -0.30 0.00	28.34 -0.25 0.00	26.59 -0.45 0.00	24.30 -0.38 0.00	22.76 -0.61 0.00	21.93 -0.55 0.00	23.30 -0.38 0.00	26.71 -0.43 0.00	31.17 -0.17 0.00	42.96 0.09 0.00	43.40 0.35 0.00	39.34 0.27 0.00	33.21 0.63 0.00	29.04 0.62 0.00
MCINTYRE_115KV_TB2 80467	34.75 0.83 -1.25	30.97 0.83 0.00	32.59 0.77 0.00	37.22 0.66 -5.71	39.39 0.82 -1.30	49.10 1.19 0.00	38.53 0.55 0.00	44.49 0.13 0.00	29.24 -0.14 0.00	23.48 -0.31 0.00	27.97 -0.42 0.00	29.80 -0.38 -1.59	28.20 -0.41 -1.57	30.30 -0.33 -5.94	25.88 -0.33 -2.84	25.29 -0.35 -3.17	27.18 -0.40 -3.90	26.73 -0.41 0.00	31.15 -0.19 0.00	43.48 0.61 0.00	44.09 1.04 0.00	40.03 0.96 0.00	33.17 0.59 0.00	28.80 0.38 0.00
MECO_____69_KV_BK1 80468	34.87 2.20 0.00	32.11 1.97 0.00	33.92 2.10 0.00	32.87 2.02 0.00	39.83 2.56 0.00	51.41 3.50 0.00	40.95 2.97 0.00	47.18 2.82 0.00	30.08 0.70 0.00	23.82 0.03 0.00	28.25 -0.14 0.00	28.39 -0.20 0.00	26.87 -0.18 0.00	24.48 -0.20 0.00	23.16 -0.21 0.00	22.35 -0.13 0.00	23.62 -0.06 0.00	27.38 0.23 0.00	32.68 1.34 0.00	45.86 2.98 0.00	46.25 3.20 0.00	42.01 2.93 0.00	34.85 2.26 0.00	30.34 1.92 0.00
MENANDS___115KV_TB5 355628	33.22 0.55 0.00	30.65 0.51 0.00	32.35 0.53 0.00	31.42 0.56 0.00	37.88 0.61 0.00	48.71 0.80 0.00	38.71 0.73 0.00	45.32 0.97 0.00	30.02 0.64 0.00	24.36 0.57 0.00	28.97 0.58 0.00	29.14 0.55 0.00	27.64 0.60 0.00	25.18 0.49 0.00	23.89 0.52 0.00	23.04 0.56 0.00	24.34 0.66 0.00	27.95 0.81 0.00	32.19 0.85 0.00	43.83 0.96 0.00	43.83 0.78 0.00	39.85 0.78 0.00	33.23 0.65 0.00	28.98 0.56 0.00
MG INDUSTRY___DRP 24185	33.29 0.62 0.00	30.72 0.58 0.00	32.43 0.61 0.00	31.50 0.65 0.00	38.00 0.73 0.00	48.82 0.91 0.00	38.74 0.77 0.00	45.22 0.86 0.00	29.80 0.42 0.00	24.13 0.35 0.00	28.74 0.34 0.00	28.91 0.32 0.00	27.42 0.38 0.00	25.00 0.32 0.00	23.70 0.33 0.00	22.84 0.36 0.00	24.15 0.47 0.00	27.75 0.61 0.00	32.12 0.79 0.00	43.85 0.98 0.00	43.92 0.86 0.00	39.89 0.82 0.00	33.27 0.69 0.00	29.01 0.59 0.00

MID___OSWEGATCHIE_HYD 23849	33.25 -0.48 -1.06	29.91 -0.23 0.00	31.63 -0.19 0.00	35.34 -0.38 -4.87	37.80 -0.58 -1.11	47.30 -0.60 0.00	37.45 -0.52 0.00	43.46 -0.90 0.00	28.51 -0.87 0.00	22.66 -1.12 0.00	26.86 -1.53 0.00	28.69 -1.26 -1.35	27.27 -1.11 -1.34	28.73 -1.02 -5.07	24.67 -1.13 -2.43	24.12 -1.06 -2.70	25.95 -1.05 -3.32	26.11 -1.03 0.00	30.69 -0.65 0.00	42.85 -0.03 0.00	43.18 0.13 0.00	38.83 -0.24 0.00	32.03 -0.56 0.00	27.88 -0.54 0.00
MID___RAQUETTE_HYD 23851	33.89 -0.35 -1.57	29.92 -0.22 0.00	31.54 -0.28 0.00	37.62 -0.40 -7.17	38.41 -0.49 -1.63	47.38 -0.53 0.00	37.20 -0.77 0.00	43.17 -1.19 0.00	28.55 -0.83 0.00	22.92 -0.86 0.00	27.27 -1.12 0.00	29.54 -1.05 -2.00	27.98 -1.03 -1.97	31.24 -0.91 -7.47	26.04 -0.91 -3.58	25.56 -0.89 -3.98	27.62 -0.95 -4.89	26.13 -1.01 0.00	30.49 -0.85 0.00	42.38 -0.50 0.00	42.82 -0.23 0.00	38.82 -0.25 0.00	32.11 -0.47 0.00	27.88 -0.54 0.00
MILLIKEN___1 23584	33.15 0.48 0.00	30.57 0.42 0.00	32.24 0.42 0.00	31.31 0.46 0.00	37.97 0.70 0.00	48.89 0.98 0.00	38.83 0.85 0.00	45.14 0.78 0.00	29.80 0.42 0.00	23.95 0.16 0.00	28.52 0.12 0.00	28.66 0.07 0.00	27.03 -0.01 0.00	24.66 -0.02 0.00	23.30 -0.07 0.00	22.37 -0.10 0.00	23.60 -0.08 0.00	27.14 -0.01 0.00	31.61 0.27 0.00	43.58 0.70 0.00	43.89 0.84 0.00	39.78 0.71 0.00	33.25 0.66 0.00	29.06 0.64 0.00
MILLIKEN___2 23585	33.15 0.48 0.00	30.57 0.42 0.00	32.24 0.42 0.00	31.31 0.46 0.00	37.97 0.70 0.00	48.89 0.98 0.00	38.83 0.85 0.00	45.14 0.78 0.00	29.80 0.42 0.00	23.95 0.16 0.00	28.52 0.12 0.00	28.66 0.07 0.00	27.03 -0.01 0.00	24.66 -0.02 0.00	23.30 -0.07 0.00	22.37 -0.10 0.00	23.60 -0.08 0.00	27.14 -0.01 0.00	31.61 0.27 0.00	43.58 0.70 0.00	43.89 0.84 0.00	39.78 0.71 0.00	33.25 0.66 0.00	29.06 0.64 0.00
MILLIKEN___DIESEL 23629	33.15 0.48 0.00	30.57 0.42 0.00	32.24 0.42 0.00	31.31 0.46 0.00	37.97 0.70 0.00	48.89 0.98 0.00	38.83 0.85 0.00	45.14 0.78 0.00	29.80 0.42 0.00	23.95 0.16 0.00	28.52 0.12 0.00	28.66 0.07 0.00	27.03 -0.01 0.00	24.66 -0.02 0.00	23.30 -0.07 0.00	22.37 -0.10 0.00	23.60 -0.08 0.00	27.14 -0.01 0.00	31.61 0.27 0.00	43.58 0.70 0.00	43.89 0.84 0.00	39.78 0.71 0.00	33.25 0.66 0.00	29.06 0.64 0.00
MILLSEAT___LFGE 323607	32.53 -0.13 0.00	29.99 -0.15 0.00	31.52 -0.30 0.00	30.46 -0.40 0.00	37.00 -0.27 0.00	47.32 -0.58 0.00	37.47 -0.50 0.00	43.25 -1.11 0.00	28.86 -0.52 0.00	23.20 -0.59 0.00	28.06 -0.33 0.00	28.30 -0.29 0.00	26.30 -0.75 0.00	24.25 -0.43 0.00	22.86 -0.51 0.00	21.93 -0.55 0.00	22.83 -0.84 0.00	25.80 -1.34 0.00	29.69 -1.65 0.00	40.65 -2.23 0.00	41.12 -1.93 0.00	37.39 -1.68 0.00	31.85 -0.73 0.00	27.81 -0.61 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	30.91 1.60 3.35	27.95 1.36 3.55	33.30 1.53 0.04	32.39 1.54 0.00	39.18 1.91 0.00	50.40 2.49 0.00	40.14 2.17 0.00	47.14 2.78 0.00	46.49 1.81 -15.29	26.01 1.40 -0.83	30.69 1.61 -0.70	30.81 1.60 -0.62	29.28 1.57 -0.67	26.64 1.40 -0.56	25.30 1.38 -0.56	24.60 1.39 -0.73	25.86 1.54 -0.65	29.46 1.79 -0.53	33.62 1.94 -0.34	45.53 2.46 -0.19	45.48 2.40 -0.03	41.17 2.09 0.00	34.32 1.73 0.00	30.01 1.51 -0.08
MILLWOOD_13_KV_LOAD 356217	30.95 1.63 3.35	27.99 1.40 3.55	33.34 1.56 0.04	32.44 1.59 0.00	39.22 1.95 0.00	50.47 2.56 0.00	40.20 2.23 0.00	47.20 2.84 0.00	46.53 1.86 -15.29	26.04 1.43 -0.83	30.72 1.64 -0.70	30.83 1.62 -0.62	29.31 1.59 -0.67	26.66 1.42 -0.56	25.32 1.40 -0.56	24.62 1.41 -0.73	25.89 1.56 -0.65	29.49 1.82 -0.53	33.67 1.99 -0.34	45.59 2.53 -0.19	45.56 2.48 -0.03	41.23 2.15 0.00	34.35 1.77 0.00	30.05 1.55 -0.08
MODEL_CITY_ENERGY 24167	31.61 -1.06 0.00	29.14 -1.00 0.00	30.63 -1.19 0.00	29.58 -1.27 0.00	35.92 -1.35 0.00	45.81 -2.10 0.00	36.16 -1.81 0.00	41.70 -2.66 0.00	28.03 -1.35 0.00	22.66 -1.12 0.00	27.57 -0.82 0.00	27.89 -0.71 0.00	25.89 -1.16 0.00	23.90 -0.78 0.00	22.54 -0.83 0.00	21.62 -0.86 0.00	22.49 -1.19 0.00	25.31 -1.84 0.00	28.87 -2.47 0.00	39.23 -3.65 0.00	39.58 -3.47 0.00	36.05 -3.03 0.00	30.89 -1.69 0.00	27.00 -1.42 0.00
MODERN_LFGE___ 323580	31.61 -1.06 0.00	29.14 -1.00 0.00	30.63 -1.19 0.00	29.58 -1.27 0.00	35.92 -1.35 0.00	45.81 -2.10 0.00	36.16 -1.81 0.00	41.70 -2.66 0.00	28.03 -1.35 0.00	22.66 -1.12 0.00	27.57 -0.82 0.00	27.89 -0.71 0.00	25.89 -1.16 0.00	23.90 -0.78 0.00	22.54 -0.83 0.00	21.62 -0.86 0.00	22.49 -1.19 0.00	25.31 -1.84 0.00	28.87 -2.47 0.00	39.23 -3.65 0.00	39.58 -3.47 0.00	36.05 -3.03 0.00	30.89 -1.69 0.00	27.00 -1.42 0.00
MOHAWK_PAPER___DRP 24187	33.40 0.73 0.00	30.81 0.67 0.00	32.53 0.71 0.00	31.58 0.73 0.00	38.09 0.82 0.00	48.99 1.09 0.00	38.91 0.94 0.00	45.57 1.21 0.00	30.14 0.76 0.00	24.42 0.63 0.00	29.04 0.65 0.00	29.21 0.62 0.00	27.71 0.66 0.00	25.24 0.56 0.00	23.94 0.58 0.00	23.09 0.61 0.00	24.40 0.72 0.00	28.03 0.89 0.00	32.32 0.98 0.00	44.07 1.19 0.00	44.09 1.04 0.00	40.08 1.01 0.00	33.41 0.82 0.00	29.12 0.70 0.00
MOHICAN___35_KV_115KV_LD 80490	34.24 1.58 0.00	31.57 1.43 0.00	33.30 1.48 0.00	32.30 1.45 0.00	39.22 1.95 0.00	50.98 3.07 0.00	40.52 2.55 0.00	47.58 3.22 0.00	32.57 3.19 0.00	25.92 2.14 0.00	30.25 1.86 0.00	29.95 1.36 0.00	27.96 0.92 0.00	25.36 0.68 0.00	24.10 0.73 0.00	23.31 0.83 0.00	24.71 1.03 0.00	28.49 1.35 0.00	33.12 1.78 0.00	45.25 2.38 0.00	45.40 2.35 0.00	41.22 2.15 0.00	34.22 1.64 0.00	29.75 1.33 0.00
MONGAUP___HYD 23641	33.38 1.49 0.78	30.50 1.29 0.93	33.23 1.41 0.00	32.26 1.41 0.00	39.03 1.75 0.00	50.16 2.25 0.00	39.55 1.58 0.00	46.33 1.97 0.00	30.67 1.29 0.00	24.57 0.79 0.00	29.36 0.96 0.00	29.53 0.94 0.00	27.98 0.94 0.00	25.51 0.83 0.00	24.19 0.82 0.00	23.31 0.83 0.00	24.64 0.96 0.00	28.29 1.15 0.00	32.76 1.42 0.00	44.85 1.98 0.00	45.16 2.11 0.00	41.13 2.05 0.00	34.24 1.65 0.00	29.83 1.41 0.00
MONTAUK___DIESEL 23721	40.67 0.21 -7.79	38.65 0.25 -8.25	32.24 0.32 -0.10	31.10 0.25 0.00	37.38 0.11 0.00	48.35 0.44 0.00	38.99 1.01 0.00	45.54 1.18 0.00	-5.22 1.00 35.60	-0.46 0.45 24.70	3.21 0.86 26.04	21.17 0.69 8.12	13.23 0.56 14.37	6.70 0.25 18.23	16.82 0.29 6.85	21.20 0.43 1.70	22.74 0.57 1.51	26.75 0.84 1.23	31.42 0.87 0.79	43.37 0.93 0.44	43.74 0.76 0.07	40.08 1.02 0.01	34.42 1.84 0.00	30.06 1.82 0.19
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.95 1.28 0.00	31.35 1.21 0.00	33.18 1.36 0.00	32.10 1.25 0.00	38.99 1.72 0.00	49.89 1.98 0.00	39.63 1.66 0.00	46.27 1.91 0.00	30.92 1.54 0.00	24.91 1.13 0.00	30.10 1.71 0.00	30.36 1.76 0.00	28.28 1.23 0.00	25.86 1.18 0.00	24.30 0.93 0.00	23.43 0.95 0.00	24.56 0.88 0.00	27.82 0.67 0.00	31.94 0.60 0.00	43.44 0.57 0.00	43.85 0.79 0.00	39.51 0.44 0.00	33.28 0.70 0.00	28.99 0.57 0.00

MORRIS_RIDGE___SOLAR 323848	32.24 -0.43 0.00	29.95 -0.19 0.00	31.54 -0.27 0.00	30.62 -0.23 0.00	37.16 -0.11 0.00	47.50 -0.41 0.00	37.60 -0.37 0.00	43.67 -0.69 0.00	28.93 -0.45 0.00	23.21 -0.58 0.00	27.89 -0.50 0.00	28.14 -0.45 0.00	26.34 -0.71 0.00	24.14 -0.55 0.00	22.70 -0.67 0.00	21.84 -0.64 0.00	23.01 -0.67 0.00	26.24 -0.90 0.00	30.55 -0.79 0.00	42.01 -0.87 0.00	42.40 -0.65 0.00	38.43 -0.65 0.00	32.53 -0.05 0.00	28.46 0.04 0.00
MORTIMER_115KV_TB3 55949	32.36 -0.31 0.00	29.84 -0.30 0.00	31.41 -0.41 0.00	30.41 -0.44 0.00	36.85 -0.42 0.00	47.21 -0.70 0.00	37.42 -0.55 0.00	43.45 -0.91 0.00	28.91 -0.47 0.00	23.37 -0.42 0.00	28.15 -0.24 0.00	28.42 -0.17 0.00	26.61 -0.43 0.00	24.41 -0.28 0.00	23.03 -0.34 0.00	22.08 -0.40 0.00	23.16 -0.52 0.00	26.32 -0.82 0.00	30.27 -1.07 0.00	41.35 -1.52 0.00	41.65 -1.41 0.00	37.81 -1.26 0.00	31.93 -0.65 0.00	27.86 -0.56 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	54.52 2.00 -19.85	47.31 1.72 -15.46	34.53 1.89 -0.82	32.75 1.90 0.00	39.60 2.33 0.00	50.95 3.04 0.00	40.59 2.62 0.00	47.69 3.32 0.00	734.21 2.19 -702.65	63.48 1.67 -38.03	62.31 1.96 -31.96	58.90 1.94 -28.37	59.63 1.89 -30.69	52.00 1.69 -25.63	50.63 1.66 -25.60	57.75 1.66 -33.60	55.25 1.82 -29.75	53.54 2.11 -24.29	49.27 2.30 -15.63	54.39 2.94 -8.58	47.34 2.87 -1.42	41.81 2.52 -0.22	34.70 2.09 -0.03	33.93 1.83 -3.68
MUNSVILLE_WIND_PWR 323609	33.42 0.75 0.00	30.90 0.76 0.00	32.73 0.91 0.00	31.85 1.00 0.00	39.53 2.26 0.00	51.39 3.48 0.00	41.40 3.43 0.00	50.69 6.33 0.00	31.37 1.99 0.00	24.79 1.00 0.00	29.05 0.66 0.00	28.75 0.16 0.00	27.19 0.14 0.00	24.74 0.06 0.00	23.16 -0.21 0.00	22.38 -0.10 0.00	23.84 0.17 0.00	27.87 0.72 0.00	33.41 2.07 0.00	46.74 3.86 0.00	47.22 4.17 0.00	42.67 3.60 0.00	35.68 3.10 0.00	31.07 2.65 0.00
N SALMON___HYD 24042	39.04 -0.32 -6.70	29.92 -0.22 0.00	31.58 -0.24 0.00	61.05 -0.51 -30.70	43.73 -0.54 -6.99	47.55 -0.36 0.00	37.73 -0.25 0.00	43.89 -0.47 0.00	28.82 -0.56 0.00	23.22 -0.56 0.00	27.51 -0.88 0.00	36.21 -0.92 -8.54	34.49 -0.97 -8.42	55.77 -0.88 -31.97	37.81 -0.86 -15.30	38.63 -0.87 -17.02	43.70 -0.93 -20.95	26.26 -0.89 0.00	30.75 -0.59 0.00	43.05 0.18 0.00	43.79 0.74 0.00	39.81 0.74 0.00	32.74 0.15 0.00	28.29 -0.13 0.00
N.AKRON__115KV_KNAPP 355671	32.39 -0.28 0.00	29.85 -0.29 0.00	31.39 -0.43 0.00	30.32 -0.53 0.00	36.84 -0.43 0.00	47.08 -0.83 0.00	37.24 -0.73 0.00	43.00 -1.36 0.00	28.72 -0.65 0.00	23.16 -0.62 0.00	28.08 -0.31 0.00	28.30 -0.29 0.00	26.31 -0.74 0.00	24.22 -0.46 0.00	22.82 -0.55 0.00	21.86 -0.61 0.00	22.85 -0.83 0.00	25.78 -1.36 0.00	29.61 -1.73 0.00	40.41 -2.47 0.00	40.84 -2.21 0.00	37.15 -1.92 0.00	31.70 -0.89 0.00	27.68 -0.74 0.00
N.BELMOR_69_KV_BK1 55787	42.25 1.78 -7.80	39.88 1.49 -8.25	33.61 1.69 -0.10	32.46 1.61 0.00	39.15 1.88 0.00	50.38 2.47 0.00	40.04 2.07 0.00	47.01 2.65 0.00	-4.37 1.85 35.60	23.34 1.48 1.93	28.70 1.93 1.62	29.01 1.85 1.44	27.31 1.82 1.56	24.99 1.61 1.30	23.68 1.60 1.30	22.42 1.65 1.70	23.97 1.80 1.51	28.04 2.13 1.23	32.80 2.25 0.79	45.17 2.73 0.44	45.62 2.64 0.07	41.37 2.31 0.01	34.49 1.91 0.00	30.02 1.79 0.19
N.E_GEN_SANDY PD 24062	33.61 0.94 0.00	30.97 0.83 0.00	32.73 0.91 0.00	31.77 0.92 0.00	38.34 1.07 0.00	50.15 1.43 -0.81	37.98 1.28 1.28	46.26 1.70 -0.20	30.48 1.10 0.00	25.57 0.94 -0.85	29.38 0.99 0.00	29.55 0.95 0.00	28.09 1.01 -0.03	25.53 0.85 0.00	24.25 0.87 0.00	23.40 0.92 0.00	24.14 1.04 0.57	28.64 1.22 -0.28	32.62 1.28 0.00	44.44 1.57 0.00	42.55 1.41 1.92	41.18 1.31 -0.81	33.65 1.07 0.00	29.01 0.90 0.31
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	32.47 1.46 1.66	29.41 1.24 1.97	33.23 1.41 0.00	32.29 1.45 0.00	39.09 1.82 0.00	50.28 2.37 0.00	40.04 2.07 0.00	46.98 2.62 0.00	31.12 1.74 0.00	25.12 1.33 0.00	29.90 1.51 0.00	30.10 1.50 0.00	28.53 1.48 0.00	26.01 1.33 0.00	24.67 1.30 0.00	23.79 1.32 0.00	25.12 1.44 0.00	28.77 1.63 0.00	33.10 1.76 0.00	45.10 2.23 0.00	45.23 2.18 0.00	40.94 1.86 0.00	34.12 1.54 0.00	29.79 1.37 0.00
N.QUEENS_27_KV_LOAD 356247	175.16 2.21 -140.28	57.65 1.96 -25.54	38.34 1.97 -4.55	32.77 1.91 -0.01	39.69 2.43 0.00	51.06 3.15 0.00	40.75 2.77 0.00	47.84 3.47 0.00	533.77 2.17 -502.22	52.60 1.63 -27.18	53.15 1.92 -22.84	50.77 1.91 -20.27	50.86 1.88 -21.94	44.67 1.67 -18.32	43.27 1.59 -18.31	48.10 1.59 -24.03	46.69 1.74 -21.27	46.52 2.01 -17.37	44.74 2.21 -11.18	51.96 2.94 -6.14	47.07 2.78 -1.23	41.86 2.60 -0.19	34.68 2.08 -0.03	33.28 1.66 -3.20
N.TROY___115KV_TB1 355778	33.43 0.76 0.00	30.80 0.66 0.00	32.52 0.70 0.00	31.55 0.70 0.00	38.12 0.85 0.00	49.14 1.23 0.00	39.04 1.07 0.00	45.73 1.38 0.00	30.33 0.95 0.00	24.51 0.73 0.00	29.10 0.71 0.00	29.24 0.65 0.00	27.65 0.61 0.00	25.15 0.46 0.00	23.86 0.49 0.00	23.03 0.55 0.00	24.33 0.65 0.00	27.99 0.85 0.00	32.29 0.95 0.00	44.06 1.19 0.00	44.10 1.04 0.00	40.08 1.01 0.00	33.42 0.83 0.00	29.11 0.69 0.00
NARROWS_GT1_1 24228	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
NARROWS_GT1_2 24229	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
NARROWS_GT1_3 24230	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
NARROWS_GT1_4 24231	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01

NARROWS_GT1_5 24232	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
NARROWS_GT1_6 24233	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
NARROWS_GT1_7 24234	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
NARROWS_GT1_8 24235	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
NARROWS_GT2_1 24236	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
NARROWS_GT2_2 24237	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
NARROWS_GT2_3 24238	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
NARROWS_GT2_4 24239	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
NARROWS_GT2_5 24240	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
NARROWS_GT2_6 24241	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
NARROWS_GT2_7 24242	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
NARROWS_GT2_8 24243	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.76 1.10 0.00	31.15 1.01 0.00	32.85 1.03 0.00	31.90 1.05 0.00	38.49 1.22 0.00	49.51 1.60 0.00	39.40 1.43 0.00	46.03 1.68 0.00	30.24 0.86 0.00	24.37 0.59 0.00	28.91 0.52 0.00	29.08 0.49 0.00	27.52 0.48 0.00	25.08 0.40 0.00	23.77 0.41 0.00	22.92 0.44 0.00	24.28 0.60 0.00	28.03 0.88 0.00	32.54 1.20 0.00	44.63 1.76 0.00	44.74 1.70 0.00	40.63 1.55 0.00	33.83 1.25 0.00	29.46 1.04 0.00
NCHELSEA_115KV_TR2 355582	34.54 1.68 -0.19	31.82 1.45 -0.23	33.41 1.60 0.00	32.45 1.60 0.00	39.23 1.97 0.00	50.51 2.60 0.00	40.25 2.28 0.00	47.26 2.90 0.00	31.25 1.87 0.00	25.22 1.44 0.00	30.03 1.63 0.00	30.18 1.60 0.00	28.60 1.56 0.00	26.07 1.39 0.00	24.74 1.37 0.00	23.86 1.39 0.00	25.23 1.55 0.00	28.97 1.83 0.00	33.37 2.03 0.00	45.51 2.64 0.00	45.62 2.58 0.00	41.31 2.24 0.00	34.40 1.82 0.00	29.98 1.56 0.00
NEG CAPITAL___MECHNVIL 23645	33.99 1.33 0.00	31.32 1.18 0.00	33.05 1.23 0.00	32.07 1.22 0.00	38.89 1.62 0.00	50.31 2.40 0.00	40.00 2.02 0.00	46.80 2.44 0.00	31.09 1.71 0.00	25.01 1.23 0.00	29.68 1.29 0.00	29.82 1.23 0.00	28.04 0.99 0.00	25.43 0.75 0.00	24.13 0.77 0.00	23.32 0.84 0.00	24.67 1.00 0.00	28.45 1.31 0.00	32.95 1.62 0.00	45.01 2.13 0.00	45.08 2.03 0.00	40.90 1.83 0.00	34.06 1.47 0.00	29.64 1.22 0.00



NEG CENTRAL_HIGH_ACRES 23767	31.86 -0.81 0.00	29.38 -0.76 0.00	30.93 -0.89 0.00	29.96 -0.89 0.00	36.32 -0.95 0.00	46.59 -1.33 0.00	36.96 -1.01 0.00	42.93 -1.43 0.00	28.54 -0.84 0.00	23.03 -0.75 0.00	27.69 -0.70 0.00	27.92 -0.67 0.00	26.18 -0.86 0.00	24.01 -0.67 0.00	22.66 -0.71 0.00	21.73 -0.74 0.00	22.78 -0.90 0.00	25.98 -1.16 0.00	29.96 -1.37 0.00	40.98 -1.90 0.00	41.24 -1.82 0.00	37.43 -1.64 0.00	31.50 -1.09 0.00	27.48 -0.94 0.00
NEG CENTRAL___DRP 24199	32.76 0.09 0.00	30.23 0.09 0.00	31.90 0.08 0.00	30.95 0.09 0.00	37.49 0.22 0.00	48.14 0.24 0.00	38.27 0.29 0.00	44.59 0.23 0.00	29.46 0.08 0.00	23.72 -0.07 0.00	28.37 -0.02 0.00	28.56 -0.03 0.00	26.90 -0.15 0.00	24.57 -0.12 0.00	23.19 -0.17 0.00	22.26 -0.21 0.00	23.45 -0.22 0.00	26.86 -0.27 0.00	31.16 -0.18 0.00	42.72 -0.16 0.00	43.00 -0.05 0.00	39.03 -0.05 0.00	32.71 0.13 0.00	28.58 0.16 0.00
NEG CENTRAL___INDECK 23768	33.28 0.62 0.00	30.83 0.69 0.00	32.48 0.67 0.00	31.50 0.65 0.00	38.24 0.97 0.00	49.02 1.12 0.00	38.98 1.01 0.00	45.18 0.82 0.00	29.57 0.19 0.00	23.65 -0.14 0.00	28.41 0.02 0.00	28.68 0.09 0.00	26.82 -0.22 0.00	24.60 -0.08 0.00	23.14 -0.23 0.00	22.24 -0.24 0.00	23.38 -0.29 0.00	26.70 -0.44 0.00	30.94 -0.40 0.00	42.94 0.06 0.00	43.59 0.54 0.00	39.55 0.48 0.00	33.33 0.75 0.00	29.05 0.63 0.00
NEG CENTRAL___SENECA 23627	32.93 0.26 0.00	30.41 0.27 0.00	32.06 0.25 0.00	31.12 0.27 0.00	37.75 0.48 0.00	48.39 0.48 0.00	38.50 0.53 0.00	44.85 0.49 0.00	29.62 0.24 0.00	23.79 0.01 0.00	28.46 0.07 0.00	28.66 0.07 0.00	26.94 -0.10 0.00	24.62 -0.06 0.00	23.23 -0.15 0.00	22.28 -0.19 0.00	23.49 -0.18 0.00	26.91 -0.23 0.00	31.27 -0.07 0.00	42.86 -0.02 0.00	43.17 0.12 0.00	39.18 0.11 0.00	32.89 0.31 0.00	28.74 0.32 0.00
NEG CENTRAL___STATE_STREET 24147	32.73 0.06 0.00	30.19 0.05 0.00	31.84 0.02 0.00	30.91 0.06 0.00	37.42 0.15 0.00	48.24 0.33 0.00	38.21 0.24 0.00	44.49 0.13 0.00	29.38 0.00 0.00	23.70 -0.08 0.00	28.33 -0.06 0.00	28.52 -0.07 0.00	26.89 -0.15 0.00	24.55 -0.14 0.00	23.19 -0.17 0.00	22.28 -0.19 0.00	23.46 -0.22 0.00	26.92 -0.22 0.00	31.19 -0.15 0.00	42.82 -0.06 0.00	43.09 0.04 0.00	39.18 0.11 0.00	32.78 0.19 0.00	28.65 0.23 0.00
NEG MILLWOOD___DRP 24198	34.51 1.84 0.00	31.72 1.58 0.00	33.57 1.75 0.00	32.60 1.75 0.00	39.42 2.16 0.00	50.77 2.86 0.00	40.47 2.50 0.00	47.52 3.16 0.00	31.44 2.06 0.00	25.36 1.58 0.00	30.19 1.80 0.00	30.35 1.76 0.00	28.77 1.72 0.00	26.21 1.53 0.00	24.87 1.50 0.00	23.98 1.50 0.00	25.35 1.67 0.00	29.11 1.96 0.00	33.52 2.19 0.00	45.70 2.83 0.00	45.80 2.75 0.00	41.48 2.41 0.00	34.54 1.96 0.00	30.11 1.69 0.00
NEG NORTH_FLCN_SEA 23793	22.88 -0.35 9.44	29.95 -0.19 0.00	31.63 -0.20 0.00	-12.92 -0.51 43.27	26.80 -0.62 9.86	47.57 -0.33 0.00	37.78 -0.19 0.00	44.06 -0.30 0.00	28.82 -0.56 0.00	23.34 -0.45 0.00	27.60 -0.79 0.00	15.63 -0.89 12.07	14.29 -0.88 11.88	-21.22 -0.82 45.08	1.02 -0.78 21.57	-2.31 -0.79 24.00	-6.71 -0.86 29.53	26.39 -0.75 0.00	30.83 -0.51 0.00	43.21 0.33 0.00	44.01 0.96 0.00	40.09 1.02 0.00	33.00 0.42 0.00	28.52 0.10 0.00
NEG NORTH_KES_CHATEGAY 23792	21.92 -0.68 10.08	29.62 -0.52 0.00	31.28 -0.54 0.00	-16.17 -0.84 46.18	25.80 -0.95 10.52	47.06 -0.85 0.00	37.39 -0.58 0.00	43.51 -0.85 0.00	28.54 -0.85 0.00	23.02 -0.76 0.00	27.28 -1.11 0.00	14.54 -1.17 12.88	13.19 -1.18 12.68	-24.50 -1.07 48.11	-0.66 -1.01 23.02	-4.14 -1.00 25.61	-8.92 -1.07 31.52	26.10 -1.04 0.00	30.57 -0.77 0.00	42.85 -0.02 0.00	43.63 0.58 0.00	39.73 0.66 0.00	32.63 0.05 0.00	28.17 -0.24 0.00
NEG NORTH___ALICE_FALLS 23915	22.83 -0.30 9.54	29.99 -0.15 0.00	31.64 -0.18 0.00	-13.38 -0.50 43.73	26.72 -0.58 9.96	47.63 -0.28 0.00	37.85 -0.12 0.00	44.14 -0.22 0.00	28.88 -0.50 0.00	23.33 -0.45 0.00	27.60 -0.79 0.00	15.50 -0.89 12.20	14.14 -0.90 12.00	-21.72 -0.85 45.56	0.76 -0.81 21.80	-2.59 -0.82 24.25	-7.05 -0.88 29.85	26.37 -0.78 0.00	30.83 -0.51 0.00	43.27 0.39 0.00	44.09 1.04 0.00	40.16 1.09 0.00	33.03 0.45 0.00	28.53 0.11 0.00
NEG NORTH___LWR_SARANAC 23913	22.83 -0.30 9.54	29.99 -0.15 0.00	31.64 -0.18 0.00	-13.38 -0.50 43.73	26.72 -0.58 9.96	47.63 -0.28 0.00	37.85 -0.12 0.00	44.14 -0.22 0.00	28.88 -0.50 0.00	23.33 -0.45 0.00	27.60 -0.79 0.00	15.50 -0.89 12.20	14.14 -0.90 12.00	-21.72 -0.85 45.56	0.76 -0.81 21.80	-2.59 -0.82 24.25	-7.05 -0.88 29.85	26.37 -0.78 0.00	30.83 -0.51 0.00	43.27 0.39 0.00	44.09 1.04 0.00	40.16 1.09 0.00	33.03 0.45 0.00	28.53 0.11 0.00
NEG NORTH___PLATTSBURG 23628	22.83 -0.30 9.54	29.99 -0.15 0.00	31.64 -0.18 0.00	-13.38 -0.50 43.73	26.72 -0.58 9.96	47.62 -0.28 0.00	37.85 -0.12 0.00	44.14 -0.22 0.00	28.88 -0.50 0.00	23.33 -0.45 0.00	27.60 -0.79 0.00	15.50 -0.89 12.20	14.14 -0.90 12.00	-21.72 -0.85 45.56	0.76 -0.81 21.80	-2.59 -0.82 24.25	-7.05 -0.88 29.85	26.37 -0.78 0.00	30.83 -0.51 0.00	43.27 0.39 0.00	44.09 1.04 0.00	40.16 1.09 0.00	33.03 0.44 0.00	28.53 0.11 0.00
NEG WEST_LEA_LOCKPORT 23791	31.93 -0.74 0.00	29.44 -0.70 0.00	30.95 -0.86 0.00	29.90 -0.95 0.00	36.31 -0.96 0.00	46.32 -1.59 0.00	36.58 -1.39 0.00	42.23 -2.13 0.00	28.33 -1.05 0.00	22.90 -0.88 0.00	27.82 -0.57 0.00	28.13 -0.46 0.00	26.14 -0.90 0.00	24.08 -0.60 0.00	22.69 -0.68 0.00	21.75 -0.73 0.00	22.72 -0.96 0.00	25.58 -1.56 0.00	29.22 -2.12 0.00	39.74 -3.14 0.00	40.11 -2.94 0.00	36.50 -2.57 0.00	31.23 -1.35 0.00	27.30 -1.12 0.00
NEG WEST___LANCASTER 23811	32.70 0.03 0.00	30.14 0.00 0.00	31.76 -0.06 0.00	30.75 -0.10 0.00	37.32 0.05 0.00	47.59 -0.32 0.00	37.63 -0.34 0.00	43.77 -0.59 0.00	29.33 -0.05 0.00	23.68 -0.10 0.00	28.61 0.22 0.00	28.92 0.32 0.00	27.02 -0.03 0.00	24.85 0.16 0.00	23.41 0.04 0.00	22.44 -0.04 0.00	23.51 -0.17 0.00	26.58 -0.56 0.00	30.42 -0.92 0.00	41.33 -1.54 0.00	41.66 -1.39 0.00	37.79 -1.28 0.00	32.15 -0.43 0.00	28.13 -0.29 0.00
NEG_PENN_ALLEGHNY 23528	33.00 0.33 0.00	30.41 0.27 0.00	32.12 0.30 0.00	31.20 0.35 0.00	37.82 0.55 0.00	48.56 0.65 0.00	38.54 0.57 0.00	45.13 0.77 0.00	29.87 0.48 0.00	24.08 0.30 0.00	28.78 0.39 0.00	28.98 0.39 0.00	27.35 0.31 0.00	25.00 0.32 0.00	23.62 0.25 0.00	22.68 0.20 0.00	23.91 0.23 0.00	27.42 0.27 0.00	31.70 0.36 0.00	43.34 0.46 0.00	43.56 0.51 0.00	39.42 0.35 0.00	33.01 0.43 0.00	28.87 0.45 0.00
NEG___GEN_MONROE 24207	32.59 -0.08 0.00	30.05 -0.09 0.00	31.62 -0.20 0.00	30.61 -0.24 0.00	37.11 -0.16 0.00	47.54 -0.37 0.00	37.71 -0.27 0.00	43.71 -0.65 0.00	29.04 -0.34 0.00	23.42 -0.36 0.00	28.19 -0.20 0.00	28.45 -0.14 0.00	26.61 -0.44 0.00	24.41 -0.28 0.00	23.02 -0.35 0.00	22.08 -0.40 0.00	23.13 -0.55 0.00	26.29 -0.85 0.00	30.25 -1.09 0.00	41.45 -1.42 0.00	41.83 -1.22 0.00	37.97 -1.10 0.00	32.10 -0.48 0.00	28.01 -0.42 0.00

NEPA___ENERGY 23901	33.44 0.77 0.00	30.80 0.66 0.00	32.56 0.74 0.00	31.58 0.73 0.00	38.40 1.13 0.00	49.05 1.14 0.00	38.81 0.84 0.00	45.38 1.02 0.00	30.28 0.90 0.00	24.38 0.60 0.00	29.44 1.05 0.00	29.72 1.13 0.00	27.79 0.74 0.00	25.48 0.80 0.00	24.00 0.63 0.00	23.03 0.55 0.00	24.19 0.51 0.00	27.43 0.29 0.00	31.49 0.15 0.00	42.77 -0.11 0.00	43.14 0.09 0.00	38.88 -0.19 0.00	32.92 0.34 0.00	28.89 0.47 0.00
NEVERSink___HYD 23608	34.80 2.13 0.00	32.02 1.88 0.00	33.86 2.04 0.00	32.88 2.03 0.00	39.79 2.53 0.00	51.22 3.31 0.00	40.79 2.82 0.00	47.79 3.43 0.00	31.55 2.17 0.00	25.39 1.61 0.00	30.18 1.79 0.00	30.30 1.71 0.00	28.69 1.64 0.00	26.16 1.48 0.00	24.80 1.43 0.00	23.89 1.41 0.00	25.28 1.61 0.00	29.10 1.96 0.00	33.67 2.33 0.00	45.98 3.11 0.00	46.08 3.03 0.00	41.71 2.64 0.00	34.75 2.17 0.00	30.30 1.88 0.00
NEWKRMKL_115KV_TB1 55635	33.07 0.40 0.00	30.52 0.38 0.00	32.21 0.39 0.00	31.28 0.43 0.00	37.71 0.44 0.00	48.49 0.59 0.00	38.56 0.59 0.00	45.13 0.77 0.00	29.89 0.51 0.00	24.25 0.47 0.00	28.84 0.45 0.00	29.01 0.42 0.00	27.52 0.48 0.00	25.07 0.38 0.00	23.78 0.41 0.00	22.93 0.45 0.00	24.23 0.55 0.00	27.83 0.69 0.00	32.07 0.73 0.00	43.66 0.78 0.00	43.66 0.61 0.00	39.70 0.62 0.00	33.09 0.51 0.00	28.87 0.45 0.00
NEWTON___FALLS_HYD 23847	33.25 -0.48 -1.06	29.91 -0.23 0.00	31.63 -0.19 0.00	35.34 -0.38 -4.87	37.80 -0.58 -1.11	47.30 -0.60 0.00	37.45 -0.52 0.00	43.46 -0.90 0.00	28.51 -0.87 0.00	22.66 -1.12 0.00	26.86 -1.53 0.00	28.69 -1.26 -1.35	27.27 -1.11 -1.34	28.73 -1.02 -5.07	24.67 -1.13 -2.43	24.12 -1.06 -2.70	25.95 -1.05 -3.32	26.11 -1.03 0.00	30.69 -0.65 0.00	42.85 -0.03 0.00	43.18 0.13 0.00	38.83 -0.24 0.00	32.03 -0.56 0.00	27.88 -0.54 0.00
NGRID_A1_DSASP 323792	31.52 -1.15 0.00	29.07 -1.07 0.00	30.55 -1.27 0.00	29.50 -1.35 0.00	35.81 -1.46 0.00	45.63 -2.28 0.00	35.99 -1.99 0.00	41.51 -2.85 0.00	27.96 -1.42 0.00	22.61 -1.17 0.00	27.56 -0.83 0.00	27.88 -0.71 0.00	25.89 -1.15 0.00	23.91 -0.77 0.00	22.55 -0.82 0.00	21.63 -0.84 0.00	22.50 -1.18 0.00	25.32 -1.83 0.00	28.83 -2.51 0.00	39.10 -3.77 0.00	39.40 -3.65 0.00	35.90 -3.17 0.00	30.86 -1.72 0.00	27.03 -1.39 0.00
NGRID_A2_DSASP 323793	31.52 -1.15 0.00	29.07 -1.07 0.00	30.55 -1.27 0.00	29.50 -1.35 0.00	35.81 -1.46 0.00	45.63 -2.28 0.00	35.99 -1.99 0.00	41.51 -2.85 0.00	27.96 -1.42 0.00	22.61 -1.17 0.00	27.56 -0.83 0.00	27.88 -0.71 0.00	25.89 -1.15 0.00	23.91 -0.77 0.00	22.55 -0.82 0.00	21.63 -0.84 0.00	22.50 -1.18 0.00	25.32 -1.83 0.00	28.83 -2.51 0.00	39.10 -3.77 0.00	39.40 -3.65 0.00	35.90 -3.17 0.00	30.86 -1.72 0.00	27.03 -1.39 0.00
NGRID_A4_DSASP 323807	31.52 -1.15 0.00	29.07 -1.07 0.00	30.55 -1.27 0.00	29.50 -1.35 0.00	35.81 -1.46 0.00	45.63 -2.28 0.00	35.99 -1.99 0.00	41.51 -2.85 0.00	27.96 -1.42 0.00	22.61 -1.17 0.00	27.56 -0.83 0.00	27.88 -0.71 0.00	25.89 -1.15 0.00	23.91 -0.77 0.00	22.55 -0.82 0.00	21.63 -0.84 0.00	22.50 -1.18 0.00	25.32 -1.83 0.00	28.83 -2.51 0.00	39.10 -3.77 0.00	39.40 -3.65 0.00	35.90 -3.17 0.00	30.86 -1.72 0.00	27.03 -1.39 0.00
NIAGARA_115E_LBMP 323715	31.42 -1.25 0.00	28.98 -1.16 0.00	30.46 -1.36 0.00	29.42 -1.43 0.00	35.72 -1.55 0.00	45.52 -2.38 0.00	35.93 -2.04 0.00	41.41 -2.96 0.00	27.86 -1.52 0.00	22.54 -1.24 0.00	27.44 -0.95 0.00	27.77 -0.82 0.00	25.76 -1.28 0.00	23.80 -0.89 0.00	22.44 -0.93 0.00	21.53 -0.95 0.00	22.38 -1.29 0.00	25.17 -1.97 0.00	28.70 -2.64 0.00	38.96 -3.91 0.00	39.30 -3.75 0.00	35.80 -3.28 0.00	30.70 -1.88 0.00	26.84 -1.58 0.00
NIAGARA_115W_LBMP 323714	31.42 -1.25 0.00	28.99 -1.15 0.00	30.45 -1.37 0.00	29.40 -1.45 0.00	35.70 -1.57 0.00	45.48 -2.43 0.00	35.87 -2.10 0.00	41.38 -2.98 0.00	27.87 -1.51 0.00	22.55 -1.24 0.00	27.47 -0.92 0.00	27.80 -0.79 0.00	25.82 -1.23 0.00	23.84 -0.84 0.00	22.48 -0.89 0.00	21.57 -0.91 0.00	22.43 -1.24 0.00	25.23 -1.91 0.00	28.74 -2.60 0.00	38.97 -3.91 0.00	39.27 -3.78 0.00	35.78 -3.30 0.00	30.77 -1.81 0.00	26.97 -1.45 0.00
NIAGARA_230_LBMP 323716	31.68 -0.98 0.00	29.23 -0.90 0.00	30.73 -1.09 0.00	29.67 -1.18 0.00	36.03 -1.23 0.00	45.92 -1.99 0.00	36.24 -1.74 0.00	41.85 -2.51 0.00	28.16 -1.22 0.00	22.77 -1.01 0.00	27.70 -0.69 0.00	28.03 -0.57 0.00	26.07 -0.97 0.00	24.06 -0.62 0.00	22.68 -0.68 0.00	21.77 -0.71 0.00	22.65 -1.03 0.00	25.51 -1.63 0.00	29.07 -2.27 0.00	39.46 -3.42 0.00	39.75 -3.30 0.00	36.20 -2.87 0.00	30.97 -1.62 0.00	27.08 -1.34 0.00
NIAGARA___115KV_198_GIBSON 55903	31.41 -1.26 0.00	28.97 -1.17 0.00	30.46 -1.36 0.00	29.41 -1.45 0.00	35.70 -1.57 0.00	45.48 -2.43 0.00	35.86 -2.11 0.00	41.38 -2.98 0.00	27.83 -1.55 0.00	22.55 -1.23 0.00	27.46 -0.93 0.00	27.79 -0.81 0.00	25.82 -1.22 0.00	23.79 -0.89 0.00	22.42 -0.94 0.00	21.49 -0.99 0.00	22.44 -1.24 0.00	25.24 -1.90 0.00	28.74 -2.60 0.00	38.97 -3.91 0.00	39.28 -3.77 0.00	35.78 -3.29 0.00	30.77 -1.81 0.00	26.97 -1.45 0.00
NIAGARA___ 23760	31.68 -0.98 0.00	29.23 -0.90 0.00	30.73 -1.09 0.00	29.67 -1.18 0.00	36.03 -1.23 0.00	45.92 -1.99 0.00	36.24 -1.74 0.00	41.85 -2.51 0.00	28.16 -1.22 0.00	22.77 -1.01 0.00	27.70 -0.69 0.00	28.03 -0.57 0.00	26.07 -0.97 0.00	24.06 -0.62 0.00	22.68 -0.68 0.00	21.77 -0.71 0.00	22.65 -1.03 0.00	25.51 -1.63 0.00	29.07 -2.27 0.00	39.46 -3.42 0.00	39.75 -3.30 0.00	36.20 -2.87 0.00	30.97 -1.62 0.00	27.08 -1.34 0.00
NINE_MILE_1 23575	31.63 -1.04 0.00	29.20 -0.94 0.00	30.80 -1.02 0.00	29.88 -0.97 0.00	36.08 -1.19 0.00	46.34 -1.57 0.00	36.78 -1.19 0.00	42.92 -1.44 0.00	28.45 -0.93 0.00	23.10 -0.68 0.00	27.66 -0.73 0.00	27.87 -0.72 0.00	26.32 -0.73 0.00	24.04 -0.64 0.00	22.74 -0.63 0.00	21.84 -0.64 0.00	22.94 -0.73 0.00	26.25 -0.89 0.00	30.27 -1.07 0.00	41.38 -1.49 0.00	41.58 -1.47 0.00	37.72 -1.36 0.00	31.53 -1.05 0.00	27.55 -0.87 0.00
NINE_MILE_2 23744	31.63 -1.04 0.00	29.20 -0.94 0.00	30.80 -1.02 0.00	29.88 -0.97 0.00	36.08 -1.19 0.00	46.34 -1.57 0.00	36.79 -1.19 0.00	42.92 -1.44 0.00	28.45 -0.93 0.00	23.10 -0.68 0.00	27.66 -0.73 0.00	27.87 -0.72 0.00	26.32 -0.72 0.00	24.04 -0.64 0.00	22.74 -0.63 0.00	21.84 -0.64 0.00	22.95 -0.73 0.00	26.25 -0.89 0.00	30.28 -1.06 0.00	41.39 -1.48 0.00	41.58 -1.47 0.00	37.72 -1.36 0.00	31.53 -1.05 0.00	27.55 -0.87 0.00
NM_CAPITAL___DRP 24208	33.15 0.48 0.00	30.58 0.44 0.00	32.28 0.46 0.00	31.35 0.50 0.00	37.79 0.52 0.00	48.60 0.70 0.00	38.61 0.64 0.00	45.22 0.86 0.00	29.95 0.57 0.00	24.31 0.52 0.00	28.91 0.52 0.00	29.09 0.50 0.00	27.59 0.55 0.00	25.13 0.45 0.00	23.85 0.47 0.00	23.00 0.52 0.00	24.30 0.62 0.00	27.89 0.75 0.00	32.12 0.78 0.00	43.73 0.86 0.00	43.74 0.69 0.00	39.76 0.69 0.00	33.15 0.57 0.00	28.92 0.51 0.00

NM_CENTRAL___DRP 24181	32.31 -0.36 0.00	29.81 -0.33 0.00	31.43 -0.39 0.00	30.50 -0.35 0.00	36.87 -0.40 0.00	47.37 -0.53 0.00	37.63 -0.34 0.00	43.92 -0.44 0.00	29.07 -0.31 0.00	23.56 -0.23 0.00	28.20 -0.19 0.00	28.41 -0.18 0.00	26.82 -0.22 0.00	24.49 -0.19 0.00	23.16 -0.21 0.00	22.25 -0.23 0.00	23.41 -0.27 0.00	26.81 -0.33 0.00	30.96 -0.38 0.00	42.32 -0.55 0.00	42.53 -0.52 0.00	38.55 -0.53 0.00	32.23 -0.35 0.00	28.15 -0.27 0.00
NM_FRONTIER___DRP 24179	31.41 -1.26 0.00	28.97 -1.17 0.00	30.46 -1.36 0.00	29.41 -1.45 0.00	35.70 -1.57 0.00	45.48 -2.43 0.00	35.86 -2.11 0.00	41.38 -2.98 0.00	27.83 -1.55 0.00	22.55 -1.23 0.00	27.46 -0.93 0.00	27.79 -0.81 0.00	25.82 -1.22 0.00	23.79 -0.89 0.00	22.42 -0.94 0.00	21.49 -0.99 0.00	22.44 -1.24 0.00	25.24 -1.90 0.00	28.74 -2.60 0.00	38.97 -3.91 0.00	39.28 -3.77 0.00	35.78 -3.29 0.00	30.77 -1.81 0.00	26.97 -1.45 0.00
NM_ST_REGIS___HYD 24053	34.96 -0.33 -2.62	29.92 -0.22 0.00	31.55 -0.26 0.00	42.43 -0.43 -12.01	39.50 -0.50 -2.74	47.43 -0.48 0.00	37.35 -0.62 0.00	43.36 -1.00 0.00	28.61 -0.77 0.00	22.99 -0.79 0.00	27.32 -1.07 0.00	30.90 -1.03 -3.34	29.30 -1.03 -3.29	36.29 -0.90 -12.51	28.46 -0.90 -5.99	28.25 -0.89 -6.66	30.93 -0.95 -8.20	26.16 -0.98 0.00	30.56 -0.78 0.00	42.56 -0.31 0.00	43.11 0.06 0.00	39.11 0.04 0.00	32.29 -0.29 0.00	28.00 -0.42 0.00
NORTHPORT___1 23551	42.13 1.67 -7.79	39.82 1.43 -8.25	33.55 1.63 -0.10	32.34 1.49 0.00	38.96 1.69 0.00	50.06 2.15 0.00	39.57 1.60 0.00	46.44 2.08 0.00	-4.64 1.59 35.60	23.08 1.22 1.93	28.59 1.82 1.62	28.88 1.73 1.44	27.22 1.73 1.56	24.91 1.53 1.30	23.60 1.53 1.30	22.37 1.59 1.70	23.88 1.71 1.51	27.94 2.02 1.23	32.61 2.06 0.79	44.81 2.37 0.44	45.15 2.17 0.07	41.08 2.02 0.01	34.32 1.74 0.00	29.91 1.68 0.19
NORTHPORT___2 23552	42.13 1.67 -7.79	39.82 1.43 -8.25	33.55 1.63 -0.10	32.34 1.49 0.00	38.96 1.69 0.00	50.06 2.15 0.00	39.57 1.60 0.00	46.44 2.08 0.00	-4.64 1.59 35.60	23.08 1.22 1.93	28.59 1.82 1.62	28.88 1.73 1.44	27.22 1.73 1.56	24.91 1.53 1.30	23.60 1.53 1.30	22.37 1.59 1.70	23.88 1.71 1.51	27.94 2.02 1.23	32.61 2.06 0.79	44.81 2.37 0.44	45.15 2.17 0.07	41.08 2.02 0.01	34.32 1.74 0.00	29.91 1.68 0.19
NORTHPORT___3 23553	41.62 1.16 -7.79	39.34 0.95 -8.25	33.04 1.12 -0.10	31.83 0.98 0.00	38.27 1.00 0.00	49.12 1.21 0.00	38.88 0.91 0.00	45.61 1.25 0.00	-5.20 1.02 35.60	22.70 0.84 1.93	28.18 1.41 1.62	28.47 1.32 1.44	26.82 1.33 1.56	24.55 1.16 1.30	23.26 1.19 1.30	22.02 1.24 1.70	23.45 1.28 1.51	27.40 1.49 1.23	31.98 1.43 0.79	43.96 1.53 0.44	44.33 1.35 0.07	40.31 1.25 0.01	33.73 1.15 0.00	29.44 1.20 0.19
NORTHPORT___4 23650	41.62 1.16 -7.79	39.34 0.95 -8.25	33.04 1.12 -0.10	31.83 0.98 0.00	38.27 1.00 0.00	49.12 1.21 0.00	38.88 0.91 0.00	45.61 1.25 0.00	-5.20 1.02 35.60	22.70 0.84 1.93	28.18 1.41 1.62	28.47 1.32 1.44	26.82 1.33 1.56	24.55 1.16 1.30	23.26 1.19 1.30	22.02 1.24 1.70	23.45 1.28 1.51	27.40 1.49 1.23	31.98 1.43 0.79	43.96 1.53 0.44	44.33 1.35 0.07	40.31 1.25 0.01	33.73 1.15 0.00	29.44 1.20 0.19
NORTHPORT___IC 23718	42.13 1.67 -7.79	39.83 1.44 -8.25	33.54 1.62 -0.10	32.34 1.49 0.00	38.96 1.69 0.00	50.06 2.15 0.00	39.57 1.60 0.00	46.44 2.08 0.00	-4.64 1.59 35.60	23.07 1.22 1.93	28.59 1.82 1.62	28.88 1.73 1.44	27.21 1.72 1.56	24.92 1.54 1.30	23.60 1.53 1.30	22.37 1.60 1.70	23.87 1.70 1.51	27.93 2.02 1.23	32.61 2.07 0.79	44.82 2.38 0.44	45.16 2.18 0.07	41.09 2.02 0.01	34.32 1.74 0.00	29.91 1.67 0.19
NORTH___COUNTRY_ESR 323785	21.79 -0.79 10.09	29.50 -0.63 0.00	31.17 -0.65 0.00	-16.35 -0.95 46.25	25.66 -1.07 10.53	46.88 -1.03 0.00	37.25 -0.72 0.00	43.36 -1.00 0.00	28.47 -0.91 0.00	23.02 -0.76 0.00	27.28 -1.11 0.00	14.52 -1.17 12.90	13.16 -1.19 12.69	-24.57 -1.07 48.18	-0.70 -1.02 23.06	-4.18 -1.01 25.65	-8.97 -1.08 31.56	26.10 -1.05 0.00	30.54 -0.80 0.00	42.77 -0.11 0.00	43.49 0.44 0.00	39.59 0.52 0.00	32.52 -0.06 0.00	28.09 -0.33 0.00
NPX_GEN_1385_PROXY 323591	42.04 1.58 -7.79	39.75 1.36 -8.25	33.48 1.56 -0.10	32.27 1.43 0.00	38.87 1.60 0.00	49.91 2.01 0.00	38.67 0.69 0.00	45.40 1.04 0.00	-5.13 1.10 35.60	22.58 0.72 1.93	28.23 1.46 1.62	28.32 1.16 1.44	26.88 1.39 1.56	24.61 1.23 1.30	23.39 1.31 1.30	22.14 1.37 1.70	23.64 1.47 1.51	27.83 1.92 1.23	32.47 1.92 0.79	44.08 1.64 0.44	44.18 1.20 0.07	40.65 1.59 0.01	33.97 1.39 0.00	29.58 1.34 0.19
NPX_GEN_CSC 323557	41.43 0.97 -7.79	39.36 0.96 -8.25	33.05 1.13 -0.10	31.71 0.86 0.00	38.14 0.87 0.00	49.15 1.24 0.00	39.10 1.13 0.00	45.82 1.46 0.00	-5.11 1.11 35.60	7.77 0.76 16.78	12.13 1.28 17.54	24.09 1.29 5.79	18.38 1.25 9.91	13.40 1.06 12.34	19.54 1.09 4.92	22.00 1.23 1.70	23.54 1.37 1.51	27.53 1.62 1.23	32.13 1.59 0.79	44.31 1.87 0.44	44.59 1.61 0.07	40.57 1.51 0.01	33.97 1.39 0.00	29.60 1.37 0.19
NSINS_S___GLNS_FALLS 23858	34.25 1.58 0.00	31.57 1.43 0.00	33.29 1.48 0.00	32.29 1.45 0.00	39.22 1.95 0.00	50.98 3.08 0.00	40.54 2.57 0.00	47.60 3.24 0.00	32.73 3.35 0.00	26.02 2.24 0.00	30.34 1.95 0.00	30.00 1.40 0.00	27.98 0.94 0.00	25.38 0.70 0.00	24.12 0.75 0.00	23.33 0.85 0.00	24.72 1.04 0.00	28.51 1.37 0.00	33.12 1.78 0.00	45.26 2.38 0.00	45.41 2.36 0.00	41.22 2.15 0.00	34.22 1.63 0.00	29.75 1.33 0.00
NUCOR_STEEL___DRP 24197	32.67 0.00 0.00	30.14 0.00 0.00	31.78 -0.03 0.00	30.85 0.00 0.00	37.34 0.08 0.00	48.17 0.26 0.00	38.13 0.16 0.00	44.41 0.05 0.00	29.34 -0.04 0.00	23.68 -0.10 0.00	28.30 -0.09 0.00	28.49 -0.10 0.00	26.88 -0.17 0.00	24.54 -0.15 0.00	23.18 -0.19 0.00	22.27 -0.21 0.00	23.44 -0.23 0.00	26.89 -0.25 0.00	31.15 -0.19 0.00	42.75 -0.13 0.00	43.02 -0.03 0.00	39.13 0.06 0.00	32.73 0.15 0.00	28.61 0.19 0.00
NUMBER_THREE_WT_PWR 323818	32.76 -0.37 -0.46	30.11 -0.03 0.00	32.01 0.19 0.00	32.90 -0.08 -2.13	37.40 -0.36 -0.49	47.61 -0.29 0.00	37.99 0.02 0.00	44.15 -0.21 0.00	28.84 -0.54 0.00	22.70 -1.08 0.00	26.79 -1.60 0.00	28.09 -1.10 -0.59	26.77 -0.86 -0.58	26.06 -0.84 -2.22	23.35 -1.09 -1.06	22.70 -0.96 -1.18	24.26 -0.87 -1.45	26.44 -0.70 0.00	31.28 -0.06 0.00	43.74 0.87 0.00	43.94 0.89 0.00	39.17 0.10 0.00	32.22 -0.37 0.00	28.09 -0.33 0.00
NYISO_LBMP_REFERENCE 24008	32.67 0.00 0.00	30.14 0.00 0.00	31.82 0.00 0.00	30.85 0.00 0.00	37.27 0.00 0.00	47.91 0.00 0.00	37.97 0.00 0.00	44.36 0.00 0.00	29.38 0.00 0.00	23.78 0.00 0.00	28.39 0.00 0.00	28.59 0.00 0.00	27.05 0.00 0.00	24.68 0.00 0.00	23.37 0.00 0.00	22.48 0.00 0.00	23.68 0.00 0.00	27.14 0.00 0.00	31.34 0.00 0.00	42.87 0.00 0.00	43.05 0.00 0.00	39.07 0.00 0.00	32.58 0.00 0.00	28.42 0.00 0.00

NYPA_BRENTWD____GT 24164	42.37 1.91 -7.79	40.05 1.66 -8.25	33.80 1.88 -0.10	32.57 1.72 0.00	39.23 1.96 0.00	50.48 2.57 0.00	40.05 2.08 0.00	46.96 2.60 0.00	-4.33 1.89 35.60	23.28 1.43 1.93	28.76 1.99 1.62	29.06 1.90 1.44	27.34 1.85 1.56	25.03 1.65 1.30	23.70 1.63 1.30	22.48 1.70 1.70	24.05 1.88 1.51	28.18 2.27 1.23	32.93 2.38 0.79	45.34 2.90 0.44	45.70 2.72 0.07	41.53 2.47 0.01	34.68 2.10 0.00	30.20 1.97 0.19
NYPA_GOWANUS____GT5 24156	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
NYPA_GOWANUS____GT6 24157	176.94 2.26 -142.01	57.69 2.00 -25.55	50.23 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.81 3.37 -3.53	49.15 3.04 -8.14	54.42 3.84 -6.22	647.40 2.47 -615.55	58.76 1.86 -33.12	58.43 2.21 -27.83	55.51 2.21 -24.71	55.93 2.15 -26.73	49.90 1.94 -23.27	48.38 1.87 -23.14	53.58 1.84 -29.26	51.60 2.02 -25.91	50.63 2.34 -21.16	49.51 2.63 -15.53	53.89 3.30 -7.71	55.10 3.29 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.46 2.03 -18.01
NYPA_HARLEM_RVR_GT1 24160	175.14 2.19 -140.28	57.62 1.94 -25.54	38.32 1.95 -4.55	32.74 1.89 -0.01	39.67 2.40 0.00	51.02 3.11 0.00	40.69 2.72 0.00	47.78 3.41 0.00	533.66 2.06 -502.22	52.41 1.45 -27.18	53.11 1.89 -22.84	50.76 1.89 -20.27	50.64 1.66 -21.94	44.45 1.45 -18.32	43.11 1.44 -18.31	47.94 1.44 -24.03	46.56 1.61 -21.27	46.38 1.87 -17.37	44.56 2.04 -11.18	51.85 2.84 -6.14	47.05 2.77 -1.23	41.84 2.57 -0.19	34.66 2.06 -0.03	33.26 1.64 -3.20
NYPA_HARLEM_RVR_GT2 24161	175.14 2.19 -140.28	57.62 1.94 -25.54	38.32 1.95 -4.55	32.74 1.89 -0.01	39.67 2.40 0.00	51.02 3.11 0.00	40.69 2.72 0.00	47.78 3.41 0.00	533.66 2.06 -502.22	52.41 1.45 -27.18	53.11 1.89 -22.84	50.76 1.89 -20.27	50.64 1.66 -21.94	44.45 1.45 -18.32	43.11 1.44 -18.31	47.94 1.44 -24.03	46.56 1.61 -21.27	46.38 1.87 -17.37	44.56 2.04 -11.18	51.85 2.84 -6.14	47.05 2.77 -1.23	41.84 2.57 -0.19	34.66 2.06 -0.03	33.26 1.64 -3.20
NYPA_KENT____GT 24152	185.69 2.24 -150.79	58.25 1.96 -26.16	45.61 2.19 -11.61	43.32 2.17 -10.30	46.26 2.62 -6.37	53.29 3.32 -2.07	45.68 2.94 -4.77	51.73 3.72 -3.65	645.87 2.41 -614.09	58.71 1.81 -33.12	58.38 2.16 -27.83	55.46 2.15 -24.71	55.87 2.09 -26.73	49.19 1.87 -22.64	47.76 1.81 -22.58	53.53 1.79 -29.26	51.54 1.96 -25.91	50.57 2.27 -21.16	48.62 2.54 -14.74	53.69 3.20 -7.61	51.87 3.17 -5.64	46.53 2.85 -4.61	43.27 2.38 -8.31	42.28 1.98 -11.88
NYPA_POUCH1____GT 24155	67.41 2.09 -32.65	57.56 1.88 -25.55	50.16 2.21 -16.13	50.58 2.16 -17.57	50.66 2.52 -10.88	54.11 3.15 -3.06	49.01 2.90 -8.14	54.29 3.71 -6.22	537.68 2.35 -505.96	55.23 1.76 -29.69	55.35 2.07 -24.89	55.37 2.07 -24.71	55.83 2.05 -26.73	49.82 1.87 -23.27	48.29 1.79 -23.14	53.43 1.75 -29.20	49.68 1.91 -24.10	50.53 2.23 -21.16	49.14 2.54 -15.26	52.46 3.10 -6.49	54.85 3.12 -8.67	49.60 2.82 -7.70	49.13 2.39 -14.16	48.23 1.91 -17.90
NYPA_VERNON____GT2 24162	194.45 2.22 -159.56	58.82 1.91 -26.77	41.03 2.11 -7.11	35.98 2.10 -3.03	41.69 2.55 -1.87	51.77 3.26 -0.61	42.23 2.85 -1.40	49.04 3.61 -1.07	644.35 2.34 -612.62	58.67 1.77 -33.12	58.33 2.11 -27.83	55.40 2.10 -24.71	55.79 2.02 -26.73	48.85 1.80 -22.37	47.46 1.74 -22.34	53.48 1.73 -29.26	51.49 1.91 -25.91	50.50 2.20 -21.16	47.72 2.44 -13.94	53.49 3.10 -7.51	48.63 3.05 -2.53	43.29 2.73 -1.49	37.30 2.26 -2.46	36.10 1.93 -5.75
NYPA_VERNON____GT3 24163	194.45 2.22 -159.56	58.82 1.91 -26.77	41.03 2.11 -7.11	35.98 2.10 -3.03	41.69 2.55 -1.87	51.77 3.26 -0.61	42.23 2.85 -1.40	49.04 3.61 -1.07	644.35 2.34 -612.62	58.67 1.77 -33.12	58.33 2.11 -27.83	55.40 2.10 -24.71	55.79 2.02 -26.73	48.85 1.80 -22.37	47.46 1.74 -22.34	53.48 1.73 -29.26	51.49 1.91 -25.91	50.50 2.20 -21.16	47.72 2.44 -13.94	53.49 3.10 -7.51	48.63 3.05 -2.53	43.29 2.73 -1.49	37.30 2.26 -2.46	36.10 1.93 -5.75
NYPA____ASTORIA_CC1 323568	175.17 2.22 -140.28	57.61 1.92 -25.54	38.46 2.09 -4.55	32.94 2.08 -0.01	39.81 2.54 0.00	51.16 3.25 0.00	40.81 2.84 0.00	47.95 3.58 0.00	643.74 2.31 -612.05	58.63 1.73 -33.12	58.30 2.08 -27.83	55.38 2.08 -24.71	55.76 1.98 -26.73	48.76 1.76 -22.32	47.36 1.70 -22.30	53.43 1.69 -29.26	51.45 1.87 -25.91	50.45 2.15 -21.16	47.33 2.38 -13.61	53.38 3.03 -7.47	47.27 2.98 -1.24	41.95 2.68 -0.19	34.83 2.22 -0.03	33.52 1.90 -3.20
NYPA____ASTORIA_CC2 323569	175.17 2.22 -140.28	57.61 1.92 -25.54	38.46 2.09 -4.55	32.94 2.08 -0.01	39.81 2.54 0.00	51.16 3.25 0.00	40.81 2.84 0.00	47.95 3.58 0.00	643.74 2.31 -612.05	58.63 1.73 -33.12	58.30 2.08 -27.83	55.38 2.08 -24.71	55.76 1.98 -26.73	48.76 1.76 -22.32	47.36 1.70 -22.30	53.43 1.69 -29.26	51.45 1.87 -25.91	50.45 2.15 -21.16	47.33 2.38 -13.61	53.38 3.03 -7.47	47.27 2.98 -1.24	41.95 2.68 -0.19	34.83 2.22 -0.03	33.52 1.90 -3.20
NYPA____HOLTSVILL 23794	41.97 1.51 -7.79	39.73 1.34 -8.25	33.45 1.53 -0.10	32.21 1.36 0.00	38.78 1.51 0.00	49.92 2.01 0.00	39.64 1.66 0.00	46.47 2.11 0.00	-4.66 1.57 35.60	21.56 1.17 3.39	26.89 1.69 3.19	28.34 1.62 1.87	26.25 1.58 2.38	23.67 1.38 2.39	23.10 1.38 1.66	22.25 1.48 1.70	23.81 1.64 1.51	27.88 1.97 1.23	32.57 2.02 0.79	44.86 2.43 0.44	45.21 2.24 0.07	41.11 2.05 0.01	34.36 1.78 0.00	29.94 1.70 0.19
NYPA____HELLGATE_GT1 24158	175.14 2.19 -140.28	57.62 1.94 -25.54	38.32 1.95 -4.55	32.74 1.89 -0.01	39.67 2.40 0.00	51.02 3.11 0.00	40.69 2.72 0.00	47.78 3.41 0.00	533.66 2.06 -502.22	52.41 1.45 -27.18	53.11 1.89 -22.84	50.76 1.89 -20.27	50.64 1.66 -21.94	44.45 1.45 -18.32	43.11 1.44 -18.31	47.94 1.44 -24.03	46.56 1.61 -21.27	46.38 1.87 -17.37	44.56 2.04 -11.18	51.85 2.84 -6.14	47.05 2.77 -1.24	41.84 2.57 -0.19	34.66 2.06 -0.03	33.26 1.64 -3.20
NYPA____HELLGATE_GT2 24159	175.14 2.19 -140.28	57.62 1.94 -25.54	38.32 1.95 -4.55	32.74 1.89 -0.01	39.67 2.40 0.00	51.02 3.11 0.00	40.69 2.72 0.00	47.78 3.41 0.00	533.66 2.06 -502.22	52.41 1.45 -27.18	53.11 1.89 -22.84	50.76 1.89 -20.27	50.64 1.66 -21.94	44.45 1.45 -18.32	43.11 1.44 -18.31	47.94 1.44 -24.03	46.56 1.61 -21.27	46.38 1.87 -17.37	44.56 2.04 -11.18	51.85 2.84 -6.14	47.05 2.77 -1.24	41.84 2.57 -0.19	34.66 2.06 -0.03	33.26 1.64 -3.20
NYS_BARGE____HYD 23848	31.93 -0.73 0.00	29.45 -0.69 0.00	30.94 -0.87 0.00	29.89 -0.96 0.00	36.30 -0.97 0.00	46.31 -1.60 0.00	36.58 -1.39 0.00	42.21 -2.15 0.00	28.34 -1.04 0.00	22.89 -0.90 0.00	27.82 -0.57 0.00	28.12 -0.48 0.00	26.11 -0.93 0.00	24.10 -0.58 0.00	22.72 -0.65 0.00	21.80 -0.68 0.00	22.68 -1.00 0.00	25.54 -1.60 0.00	29.19 -2.15 0.00	39.70 -3.17 0.00	40.08 -2.97 0.00	36.48 -2.59 0.00	31.23 -1.36 0.00	27.28 -1.14 0.00

OAK ORCHARD___HYD 24046	32.36 -0.31 0.00	29.84 -0.30 0.00	31.41 -0.40 0.00	30.41 -0.44 0.00	36.86 -0.41 0.00	47.21 -0.70 0.00	37.43 -0.54 0.00	43.45 -0.91 0.00	28.92 -0.46 0.00	23.37 -0.41 0.00	28.16 -0.23 0.00	28.43 -0.16 0.00	26.61 -0.44 0.00	24.43 -0.25 0.00	23.06 -0.31 0.00	22.13 -0.35 0.00	23.15 -0.53 0.00	26.32 -0.82 0.00	30.27 -1.07 0.00	41.36 -1.52 0.00	41.64 -1.41 0.00	37.81 -1.26 0.00	31.92 -0.66 0.00	27.85 -0.57 0.00
OAKDALE___35_KV_LOAD 356122	32.95 0.28 0.00	30.36 0.23 0.00	32.07 0.25 0.00	31.15 0.30 0.00	37.75 0.48 0.00	48.47 0.56 0.00	38.45 0.48 0.00	45.02 0.66 0.00	29.80 0.43 0.00	24.06 0.27 0.00	28.77 0.38 0.00	28.97 0.38 0.00	27.34 0.30 0.00	24.99 0.30 0.00	23.61 0.24 0.00	22.67 0.20 0.00	23.91 0.23 0.00	27.39 0.25 0.00	31.65 0.31 0.00	43.25 0.38 0.00	43.47 0.42 0.00	39.35 0.28 0.00	32.95 0.37 0.00	28.83 0.41 0.00
OCC_CHEM___DRP 24175	31.51 -1.16 0.00	29.06 -1.08 0.00	30.55 -1.27 0.00	29.50 -1.35 0.00	35.81 -1.46 0.00	45.63 -2.28 0.00	35.98 -1.99 0.00	41.51 -2.85 0.00	27.92 -1.46 0.00	22.62 -1.16 0.00	27.55 -0.84 0.00	27.87 -0.73 0.00	25.90 -1.14 0.00	23.86 -0.82 0.00	22.49 -0.88 0.00	21.56 -0.92 0.00	22.51 -1.17 0.00	25.32 -1.82 0.00	28.83 -2.51 0.00	39.10 -3.78 0.00	39.41 -3.64 0.00	35.90 -3.17 0.00	30.86 -1.72 0.00	27.03 -1.39 0.00
OH_GEN_PROXY 24063	31.74 -0.93 0.00	29.28 -0.86 0.00	30.79 -1.04 0.00	29.74 -1.11 0.00	36.11 -1.16 0.00	46.02 -1.89 0.00	36.32 -1.65 0.00	42.01 -2.35 0.00	28.25 -1.13 0.00	22.84 -0.94 0.00	27.76 -0.63 0.00	28.09 -0.51 0.00	26.14 -0.90 0.00	24.12 -0.56 0.00	22.74 -0.63 0.00	21.82 -0.66 0.00	22.72 -0.96 0.00	25.61 -1.53 0.00	29.19 -2.15 0.00	39.63 -3.24 0.00	39.92 -3.13 0.00	36.34 -2.74 0.00	31.04 -1.54 0.00	27.15 -1.28 0.00
OLIN_CORP_DRP 24177	31.48 -1.19 0.00	29.03 -1.11 0.00	30.52 -1.30 0.00	29.48 -1.37 0.00	35.79 -1.48 0.00	45.61 -2.29 0.00	35.99 -1.98 0.00	41.50 -2.86 0.00	27.89 -1.49 0.00	22.59 -1.19 0.00	27.48 -0.91 0.00	27.81 -0.79 0.00	25.83 -1.22 0.00	23.80 -0.88 0.00	22.43 -0.94 0.00	21.49 -0.99 0.00	22.44 -1.23 0.00	25.24 -1.90 0.00	28.77 -2.57 0.00	39.06 -3.81 0.00	39.40 -3.65 0.00	35.87 -3.20 0.00	30.76 -1.82 0.00	26.89 -1.53 0.00
OLIN_CORP_DSASP 323712	31.52 -1.15 0.00	29.07 -1.07 0.00	30.55 -1.27 0.00	29.50 -1.35 0.00	35.81 -1.46 0.00	45.63 -2.28 0.00	35.99 -1.99 0.00	41.51 -2.85 0.00	27.96 -1.42 0.00	22.61 -1.17 0.00	27.56 -0.83 0.00	27.88 -0.71 0.00	25.89 -1.15 0.00	23.91 -0.77 0.00	22.55 -0.82 0.00	21.63 -0.84 0.00	22.50 -1.18 0.00	25.32 -1.83 0.00	28.83 -2.51 0.00	39.10 -3.77 0.00	39.40 -3.65 0.00	35.90 -3.17 0.00	30.86 -1.72 0.00	27.03 -1.39 0.00
ONEIDA_HERK_LFGE 323681	33.22 0.34 -0.22	30.56 0.42 0.00	32.34 0.52 0.00	32.28 0.43 -1.01	37.90 0.40 -0.23	48.54 0.63 0.00	38.66 0.69 0.00	45.04 0.68 0.00	29.56 0.18 0.00	23.60 -0.19 0.00	28.01 -0.38 0.00	28.69 -0.18 -0.28	27.21 -0.11 -0.28	25.59 -0.14 -1.05	23.60 -0.27 -0.50	22.82 -0.22 -0.56	24.21 -0.15 -0.69	27.17 0.02 0.00	31.81 0.47 0.00	44.00 1.12 0.00	44.18 1.14 0.00	39.78 0.70 0.00	32.97 0.39 0.00	28.74 0.32 0.00
ONEIDA___115KV_TB4 55905	33.34 0.67 0.00	30.75 0.61 0.00	32.47 0.65 0.00	31.52 0.67 0.00	38.07 0.80 0.00	49.03 1.12 0.00	39.02 1.05 0.00	45.50 1.14 0.00	29.86 0.48 0.00	24.00 0.22 0.00	28.57 0.18 0.00	28.82 0.22 0.00	27.24 0.20 0.00	24.85 0.17 0.00	23.47 0.10 0.00	22.57 0.09 0.00	23.82 0.14 0.00	27.45 0.31 0.00	32.00 0.66 0.00	44.10 1.22 0.00	44.35 1.30 0.00	40.10 1.03 0.00	33.41 0.83 0.00	29.11 0.69 0.00
ONONDAGA_REF_OCCRA 23987	32.53 -0.14 0.00	30.00 -0.13 0.00	31.64 -0.18 0.00	30.71 -0.14 0.00	37.13 -0.14 0.00	47.73 -0.18 0.00	37.91 -0.06 0.00	44.25 -0.10 0.00	29.26 -0.12 0.00	23.68 -0.10 0.00	28.32 -0.07 0.00	28.53 -0.06 0.00	26.94 -0.10 0.00	24.60 -0.08 0.00	23.25 -0.12 0.00	22.34 -0.14 0.00	23.51 -0.16 0.00	26.95 -0.19 0.00	31.16 -0.18 0.00	42.65 -0.22 0.00	42.87 -0.18 0.00	38.86 -0.21 0.00	32.48 -0.10 0.00	28.37 -0.06 0.00
ONONDAGA___COGEN 23986	32.47 -0.20 0.00	29.96 -0.18 0.00	31.57 -0.25 0.00	30.64 -0.21 0.00	37.05 -0.22 0.00	47.64 -0.27 0.00	37.84 -0.13 0.00	44.14 -0.22 0.00	29.19 -0.19 0.00	23.63 -0.15 0.00	28.27 -0.11 0.00	28.48 -0.11 0.00	26.89 -0.15 0.00	24.55 -0.14 0.00	23.21 -0.16 0.00	22.31 -0.16 0.00	23.48 -0.19 0.00	26.91 -0.23 0.00	31.10 -0.23 0.00	42.57 -0.31 0.00	42.78 -0.27 0.00	38.79 -0.28 0.00	32.43 -0.16 0.00	28.31 -0.11 0.00
ONTARIO___LFGE 23819	32.92 0.25 0.00	30.41 0.27 0.00	32.06 0.25 0.00	31.12 0.27 0.00	37.75 0.48 0.00	48.39 0.48 0.00	38.51 0.53 0.00	44.85 0.49 0.00	29.63 0.25 0.00	23.79 0.01 0.00	28.46 0.07 0.00	28.66 0.07 0.00	26.95 -0.10 0.00	24.63 -0.05 0.00	23.24 -0.13 0.00	22.31 -0.17 0.00	23.48 -0.19 0.00	26.91 -0.23 0.00	31.27 -0.07 0.00	42.86 -0.02 0.00	43.18 0.12 0.00	39.18 0.11 0.00	32.89 0.31 0.00	28.73 0.31 0.00
ORANGEVILLE_WT_PWR 323706	32.18 -0.49 0.00	29.80 -0.34 0.00	31.34 -0.48 0.00	30.38 -0.47 0.00	36.88 -0.39 0.00	47.11 -0.80 0.00	37.26 -0.72 0.00	43.24 -1.13 0.00	28.84 -0.54 0.00	23.20 -0.58 0.00	27.99 -0.40 0.00	28.27 -0.33 0.00	26.37 -0.68 0.00	24.20 -0.48 0.00	22.78 -0.59 0.00	21.92 -0.56 0.00	23.02 -0.66 0.00	26.14 -1.00 0.00	30.21 -1.13 0.00	41.35 -1.53 0.00	41.71 -1.34 0.00	37.84 -1.23 0.00	32.14 -0.44 0.00	28.10 -0.32 0.00
ORANGEVILLE___ESR 323794	32.18 -0.49 0.00	29.80 -0.34 0.00	31.34 -0.48 0.00	30.38 -0.47 0.00	36.88 -0.39 0.00	47.11 -0.80 0.00	37.26 -0.72 0.00	43.24 -1.13 0.00	28.84 -0.54 0.00	23.20 -0.58 0.00	27.99 -0.40 0.00	28.27 -0.33 0.00	26.37 -0.68 0.00	24.20 -0.48 0.00	22.78 -0.59 0.00	21.92 -0.56 0.00	23.02 -0.66 0.00	26.14 -1.00 0.00	30.21 -1.13 0.00	41.35 -1.53 0.00	41.71 -1.34 0.00	37.84 -1.23 0.00	32.14 -0.44 0.00	28.10 -0.32 0.00
OSWEGATCHIE___HYD 24044	33.25 -0.48 -1.06	29.91 -0.23 0.00	31.63 -0.19 0.00	35.34 -0.38 -4.87	37.80 -0.58 -1.11	47.30 -0.60 0.00	37.45 -0.52 0.00	43.46 -0.90 0.00	28.51 -0.87 0.00	22.66 -1.12 0.00	26.86 -1.53 0.00	28.69 -1.26 -1.35	27.27 -1.11 -1.34	28.73 -1.02 -5.07	24.67 -1.13 -2.43	24.11 -1.06 -2.70	25.95 -1.05 -3.32	26.11 -1.03 0.00	30.69 -0.65 0.00	42.85 -0.03 0.00	43.18 0.13 0.00	38.83 -0.24 0.00	32.03 -0.56 0.00	27.88 -0.54 0.00
OSWEGO___5 23606	31.89 -0.78 0.00	29.42 -0.72 0.00	31.04 -0.78 0.00	30.11 -0.74 0.00	36.38 -0.89 0.00	46.73 -1.18 0.00	37.09 -0.88 0.00	43.29 -1.07 0.00	28.68 -0.70 0.00	23.26 -0.53 0.00	27.84 -0.55 0.00	28.05 -0.55 0.00	26.49 -0.56 0.00	24.19 -0.49 0.00	22.88 -0.49 0.00	21.97 -0.50 0.00	23.10 -0.58 0.00	26.45 -0.70 0.00	30.50 -0.84 0.00	41.73 -1.15 0.00	41.92 -1.13 0.00	38.02 -1.06 0.00	31.80 -0.79 0.00	27.77 -0.65 0.00

OSWEGO___6 23613	31.89 -0.78 0.00	29.42 -0.72 0.00	31.04 -0.78 0.00	30.11 -0.74 0.00	36.38 -0.89 0.00	46.73 -1.18 0.00	37.09 -0.88 0.00	43.29 -1.07 0.00	28.68 -0.70 0.00	23.26 -0.53 0.00	27.84 -0.55 0.00	28.05 -0.55 0.00	26.49 -0.56 0.00	24.19 -0.49 0.00	22.88 -0.49 0.00	21.97 -0.50 0.00	23.10 -0.58 0.00	26.45 -0.70 0.00	30.50 -0.84 0.00	41.73 -1.15 0.00	41.92 -1.13 0.00	38.02 -1.06 0.00	31.80 -0.79 0.00	27.77 -0.65 0.00
OUTOKUMPU-AB___DRP 24206	32.22 -0.45 0.00	29.70 -0.43 0.00	31.23 -0.59 0.00	30.16 -0.69 0.00	36.62 -0.64 0.00	46.73 -1.18 0.00	36.91 -1.06 0.00	42.67 -1.69 0.00	28.65 -0.73 0.00	23.17 -0.61 0.00	28.14 -0.25 0.00	28.45 -0.15 0.00	26.43 -0.61 0.00	24.35 -0.34 0.00	22.96 -0.41 0.00	22.00 -0.48 0.00	22.99 -0.69 0.00	25.91 -1.24 0.00	29.61 -1.73 0.00	40.21 -2.66 0.00	40.57 -2.48 0.00	36.89 -2.19 0.00	31.58 -1.01 0.00	27.59 -0.83 0.00
OXBOW___BTM 323836	31.84 -0.83 0.00	29.37 -0.77 0.00	30.86 -0.96 0.00	29.80 -1.05 0.00	36.18 -1.08 0.00	46.14 -1.77 0.00	36.43 -1.55 0.00	42.06 -2.30 0.00	28.30 -1.08 0.00	22.87 -0.91 0.00	27.84 -0.56 0.00	28.15 -0.44 0.00	26.15 -0.90 0.00	24.14 -0.54 0.00	22.77 -0.60 0.00	21.84 -0.63 0.00	22.73 -0.95 0.00	25.59 -1.55 0.00	29.20 -2.14 0.00	39.63 -3.24 0.00	39.96 -3.10 0.00	36.37 -2.70 0.00	31.20 -1.39 0.00	27.29 -1.13 0.00
OXBOW____ 24026	31.83 -0.83 0.00	29.36 -0.78 0.00	30.86 -0.95 0.00	29.80 -1.05 0.00	36.18 -1.09 0.00	46.14 -1.77 0.00	36.42 -1.55 0.00	42.06 -2.30 0.00	28.27 -1.11 0.00	22.89 -0.90 0.00	27.83 -0.56 0.00	28.14 -0.45 0.00	26.15 -0.89 0.00	24.09 -0.60 0.00	22.71 -0.66 0.00	21.76 -0.72 0.00	22.73 -0.94 0.00	25.59 -1.55 0.00	29.20 -2.14 0.00	39.63 -3.24 0.00	39.97 -3.08 0.00	36.37 -2.71 0.00	31.20 -1.39 0.00	27.30 -1.12 0.00
OXY_CHEM_DSASP 323612	31.51 -1.16 0.00	29.06 -1.08 0.00	30.55 -1.27 0.00	29.50 -1.35 0.00	35.81 -1.46 0.00	45.63 -2.28 0.00	35.98 -1.99 0.00	41.51 -2.85 0.00	27.92 -1.46 0.00	22.62 -1.16 0.00	27.55 -0.84 0.00	27.87 -0.73 0.00	25.90 -1.14 0.00	23.86 -0.82 0.00	22.49 -0.88 0.00	21.56 -0.92 0.00	22.51 -1.17 0.00	25.32 -1.82 0.00	28.83 -2.51 0.00	39.10 -3.78 0.00	39.41 -3.64 0.00	35.90 -3.17 0.00	30.86 -1.72 0.00	27.03 -1.39 0.00
OZONE_PARK_ESR 323760	64.61 2.38 -29.56	53.43 2.05 -21.24	35.43 2.22 -1.39	33.08 2.23 0.00	40.02 2.75 0.00	51.49 3.58 0.00	41.04 3.07 0.00	48.23 3.87 0.00	534.15 2.55 -502.22	52.91 1.95 -27.18	53.53 2.30 -22.85	51.15 2.27 -20.28	51.17 2.19 -21.94	44.96 1.96 -18.32	43.59 1.91 -18.30	48.41 1.91 -24.02	47.03 2.09 -21.26	46.92 2.42 -17.36	45.17 2.66 -11.17	52.45 3.44 -6.14	47.46 3.40 -1.02	42.19 2.96 -0.16	35.06 2.46 -0.02	33.20 2.15 -2.63
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	31.51 -1.16 0.00	29.06 -1.08 0.00	30.55 -1.27 0.00	29.50 -1.35 0.00	35.81 -1.46 0.00	45.63 -2.28 0.00	35.98 -1.99 0.00	41.51 -2.85 0.00	27.92 -1.46 0.00	22.62 -1.16 0.00	27.55 -0.84 0.00	27.87 -0.73 0.00	25.90 -1.14 0.00	23.86 -0.82 0.00	22.49 -0.88 0.00	21.56 -0.92 0.00	22.51 -1.17 0.00	25.32 -1.82 0.00	28.83 -2.51 0.00	39.10 -3.78 0.00	39.41 -3.64 0.00	35.90 -3.17 0.00	30.86 -1.72 0.00	27.03 -1.39 0.00
PACKARD__115KV_DUPONT_184 80571	31.51 -1.16 0.00	29.06 -1.08 0.00	30.55 -1.27 0.00	29.50 -1.35 0.00	35.81 -1.46 0.00	45.63 -2.28 0.00	35.98 -1.99 0.00	41.51 -2.85 0.00	27.92 -1.46 0.00	22.62 -1.16 0.00	27.55 -0.84 0.00	27.87 -0.73 0.00	25.90 -1.14 0.00	23.86 -0.82 0.00	22.49 -0.88 0.00	21.56 -0.92 0.00	22.51 -1.17 0.00	25.32 -1.82 0.00	28.83 -2.51 0.00	39.10 -3.78 0.00	39.41 -3.64 0.00	35.90 -3.17 0.00	30.86 -1.72 0.00	27.03 -1.39 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	175.25 2.30 -140.28	57.71 2.03 -25.54	38.43 2.06 -4.55	32.84 1.98 -0.01	39.75 2.48 0.00	51.11 3.20 0.00	40.76 2.79 0.00	47.83 3.47 0.00	533.80 2.20 -502.22	52.62 1.66 -27.18	53.18 1.96 -22.84	50.82 1.95 -20.27	50.89 1.90 -21.94	44.70 1.70 -18.32	43.30 1.63 -18.31	48.14 1.63 -24.03	46.74 1.79 -21.27	46.57 2.06 -17.37	44.79 2.28 -11.18	52.02 3.00 -6.14	47.21 2.93 -1.24	41.93 2.67 -0.19	34.76 2.16 -0.03	33.40 1.78 -3.20
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	175.90 2.95 -140.28	58.35 2.66 -25.54	38.99 2.62 -4.55	33.48 2.63 -0.01	40.59 3.32 0.00	52.24 4.33 0.00	41.68 3.71 0.00	48.88 4.52 0.00	534.44 2.84 -502.22	53.11 2.14 -27.18	53.69 2.46 -22.84	51.36 2.49 -20.27	51.43 2.45 -21.94	45.18 2.18 -18.32	43.75 2.07 -18.31	48.56 2.06 -24.03	47.18 2.24 -21.27	47.09 2.58 -17.37	45.36 2.84 -11.18	52.83 3.82 -6.14	48.08 3.80 -1.24	42.70 3.43 -0.19	35.40 2.79 -0.03	33.97 2.35 -3.20
PATROON__115KV_TB1 80586	33.17 0.50 0.00	30.62 0.48 0.00	32.31 0.49 0.00	31.38 0.53 0.00	37.83 0.56 0.00	48.66 0.75 0.00	38.68 0.71 0.00	45.27 0.91 0.00	29.98 0.60 0.00	24.32 0.54 0.00	28.93 0.54 0.00	29.10 0.51 0.00	27.59 0.55 0.00	25.14 0.45 0.00	23.84 0.47 0.00	23.00 0.52 0.00	24.30 0.63 0.00	27.91 0.77 0.00	32.17 0.83 0.00	43.80 0.92 0.00	43.81 0.76 0.00	39.82 0.75 0.00	33.19 0.60 0.00	28.95 0.53 0.00
PATTRSNVILLE___SOLAR 323815	34.27 1.61 0.00	31.59 1.45 0.00	33.37 1.55 0.00	32.35 1.50 0.00	39.15 1.89 0.00	50.48 2.57 0.00	40.15 2.18 0.00	46.31 1.95 0.00	29.68 0.30 0.00	23.60 -0.18 0.00	28.05 -0.34 0.00	28.27 -0.32 0.00	26.80 -0.24 0.00	24.40 -0.29 0.00	23.06 -0.31 0.00	22.24 -0.24 0.00	23.50 -0.17 0.00	27.26 0.12 0.00	32.30 0.96 0.00	45.08 2.20 0.00	45.40 2.36 0.00	41.23 2.15 0.00	34.29 1.71 0.00	29.85 1.43 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	32.70 0.03 0.00	30.14 0.00 0.00	31.73 -0.09 0.00	30.71 -0.14 0.00	37.28 0.01 0.00	47.56 -0.35 0.00	37.64 -0.34 0.00	43.71 -0.65 0.00	29.30 -0.08 0.00	23.65 -0.13 0.00	28.60 0.21 0.00	28.90 0.31 0.00	26.97 -0.08 0.00	24.81 0.12 0.00	23.37 0.00 0.00	22.41 -0.07 0.00	23.46 -0.22 0.00	26.52 -0.63 0.00	30.33 -1.01 0.00	41.24 -1.64 0.00	41.58 -1.47 0.00	37.73 -1.34 0.00	32.14 -0.44 0.00	28.11 -0.31 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	34.51 1.84 0.00	31.72 1.58 0.00	33.57 1.75 0.00	32.60 1.75 0.00	39.42 2.16 0.00	50.77 2.86 0.00	40.47 2.50 0.00	47.52 3.16 0.00	31.44 2.06 0.00	25.36 1.58 0.00	30.19 1.80 0.00	30.35 1.76 0.00	28.77 1.72 0.00	26.21 1.53 0.00	24.87 1.50 0.00	23.98 1.50 0.00	25.35 1.67 0.00	29.11 1.96 0.00	33.52 2.19 0.00	45.70 2.83 0.00	45.80 2.75 0.00	41.48 2.41 0.00	34.54 1.96 0.00	30.11 1.69 0.00
PEEKSKILL____ 23653	30.91 1.60 3.35	27.95 1.36 3.55	33.30 1.53 0.04	32.39 1.54 0.00	39.16 1.90 0.00	50.39 2.49 0.00	40.15 2.17 0.00	47.14 2.78 0.00	46.49 1.82 -15.29	26.01 1.40 -0.83	30.68 1.60 -0.70	30.78 1.57 -0.62	29.27 1.55 -0.67	26.62 1.37 -0.56	25.28 1.36 -0.56	24.58 1.37 -0.73	25.86 1.54 -0.65	29.46 1.79 -0.53	33.62 1.94 -0.34	45.55 2.49 -0.19	45.49 2.41 -0.03	41.17 2.09 0.00	34.32 1.73 0.00	30.02 1.52 -0.08

PGE MADISON___WINDPWR 24146	33.42 0.75 0.00	30.90 0.76 0.00	32.73 0.91 0.00	31.85 1.00 0.00	39.53 2.26 0.00	51.39 3.48 0.00	41.40 3.43 0.00	50.69 6.33 0.00	31.37 1.99 0.00	24.79 1.00 0.00	29.05 0.66 0.00	28.75 0.16 0.00	27.19 0.14 0.00	24.74 0.06 0.00	23.16 -0.21 0.00	22.38 -0.10 0.00	23.84 0.17 0.00	27.87 0.72 0.00	33.41 2.07 0.00	46.74 3.86 0.00	47.22 4.17 0.00	42.67 3.60 0.00	35.68 3.10 0.00	31.07 2.65 0.00
PIERCEFIELD___HYD 23852	33.89 -0.35 -1.57	29.92 -0.22 0.00	31.54 -0.28 0.00	37.62 -0.40 -7.17	38.41 -0.49 -1.63	47.38 -0.53 0.00	37.20 -0.77 0.00	43.17 -1.19 0.00	28.55 -0.83 0.00	22.92 -0.86 0.00	27.27 -1.12 0.00	29.54 -1.05 -2.00	27.98 -1.03 -1.97	31.24 -0.91 -7.47	26.04 -0.91 -3.58	25.56 -0.89 -3.98	27.62 -0.95 -4.89	26.13 -1.01 0.00	30.49 -0.85 0.00	42.38 -0.50 0.00	42.82 -0.23 0.00	38.82 -0.25 0.00	32.11 -0.47 0.00	27.88 -0.54 0.00
PINELAWN_CC_1 323563	42.25 1.79 -7.79	39.90 1.51 -8.25	33.64 1.72 -0.10	32.43 1.58 0.00	39.09 1.82 0.00	50.31 2.40 0.00	39.96 1.99 0.00	46.92 2.56 0.00	-4.40 1.82 35.60	23.26 1.41 1.93	28.66 1.89 1.62	28.93 1.78 1.44	27.25 1.76 1.56	24.93 1.55 1.30	23.62 1.54 1.30	22.38 1.60 1.70	23.94 1.77 1.51	28.04 2.13 1.23	32.81 2.26 0.79	45.18 2.74 0.44	45.61 2.63 0.07	41.39 2.33 0.01	34.51 1.93 0.00	30.06 1.83 0.19
PJM_GEN_HTP_PROXY 323702	12.34 2.00 22.33	16.21 1.68 15.62	32.62 1.90 1.09	32.76 1.91 0.00	39.63 2.36 0.00	51.79 3.08 -0.81	40.37 2.65 0.24	47.91 3.35 -0.20	411.85 2.18 -380.30	46.05 1.68 -20.58	47.65 1.96 -17.30	45.89 1.94 -15.36	45.56 1.90 -16.61	40.25 1.70 -13.87	38.89 1.66 -13.86	42.33 1.66 -18.19	41.62 1.84 -16.10	42.40 2.12 -13.15	42.10 2.31 -8.46	50.46 2.94 -4.64	46.70 2.88 -0.77	41.71 2.52 -0.12	34.69 2.10 -0.01	32.26 1.85 -1.99
PJM_GEN_KEystone 24065	34.72 0.59 -1.46	31.39 0.48 -0.76	32.48 0.57 -0.10	31.46 0.61 0.00	38.14 0.87 0.00	49.67 0.95 -0.81	38.53 0.80 0.24	45.57 1.02 -0.20	65.47 0.81 -35.28	26.27 0.58 -1.91	30.78 0.78 -1.60	30.84 0.83 -1.43	29.29 0.70 -1.54	26.68 0.71 -1.29	25.30 0.65 -1.29	24.79 0.62 -1.69	25.81 0.64 -1.49	28.95 0.59 -1.22	32.63 0.51 -0.79	43.77 0.46 -0.43	43.62 0.50 -0.07	39.40 0.32 -0.01	33.08 0.50 0.00	29.15 0.55 -0.18
PJM_GEN_NEPTUNE_PROXY 323594	41.99 1.53 -7.79	39.67 1.28 -8.25	33.40 1.48 -0.10	32.25 1.40 0.00	38.89 1.62 0.00	50.84 2.12 -0.81	39.50 1.77 0.24	46.85 2.29 -0.20	-4.55 1.67 35.60	23.20 1.35 1.93	28.57 1.80 1.62	28.87 1.72 1.44	27.19 1.70 1.56	24.89 1.51 1.30	23.57 1.50 1.30	22.31 1.54 1.70	23.85 1.68 1.51	27.89 1.98 1.23	32.60 2.06 0.79	44.88 2.44 0.44	45.29 2.32 0.07	41.09 2.02 0.01	34.26 1.68 0.00	29.85 1.62 0.19
PJM_GEN_VFT_PROXY 323633	64.28 2.05 -29.56	53.12 1.75 -21.24	35.13 1.92 -1.39	32.78 1.93 0.00	39.68 2.41 0.00	51.85 3.13 -0.81	40.40 2.67 0.24	47.93 3.37 -0.20	533.82 2.21 -502.22	52.65 1.68 -27.18	53.18 1.94 -22.85	50.77 1.90 -20.28	50.85 1.87 -21.94	44.68 1.67 -18.32	43.31 1.64 -18.30	48.15 1.65 -24.02	46.76 1.82 -21.26	46.60 2.09 -17.36	44.79 2.28 -11.17	51.92 2.91 -6.14	46.91 2.84 -1.02	41.70 2.47 -0.16	34.65 2.06 -0.02	32.90 1.85 -2.63
PLATSBURG_115KV_PMLD1 355749	22.86 -0.38 9.44	29.93 -0.21 0.00	31.60 -0.22 0.00	-12.94 -0.53 43.26	26.78 -0.64 9.85	47.53 -0.38 0.00	37.75 -0.22 0.00	44.02 -0.34 0.00	28.79 -0.59 0.00	23.32 -0.46 0.00	27.59 -0.81 0.00	15.61 -0.91 12.07	14.27 -0.89 11.87	-21.23 -0.84 45.07	1.01 -0.79 21.57	-2.31 -0.80 23.99	-6.71 -0.87 29.53	26.38 -0.76 0.00	30.80 -0.54 0.00	43.18 0.31 0.00	43.98 0.93 0.00	40.07 0.99 0.00	32.99 0.40 0.00	28.50 0.08 0.00
PLEASANTVLY___LBMP 24000	33.98 1.32 0.00	31.26 1.12 0.00	33.09 1.27 0.00	32.13 1.28 0.00	38.82 1.55 0.00	49.95 2.05 0.00	39.79 1.82 0.00	46.70 2.34 0.00	30.92 1.54 0.00	25.00 1.21 0.00	29.76 1.38 0.00	29.94 1.35 0.00	28.40 1.35 0.00	25.88 1.20 0.00	24.55 1.19 0.00	23.68 1.21 0.00	25.03 1.35 0.00	28.69 1.55 0.00	33.01 1.67 0.00	44.98 2.10 0.00	45.08 2.03 0.00	40.85 1.77 0.00	34.03 1.45 0.00	29.67 1.25 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	39.81 1.69 -5.45	37.36 1.45 -5.77	33.51 1.62 -0.07	32.47 1.62 0.00	39.26 1.99 0.00	50.52 2.61 0.00	40.25 2.28 0.00	47.26 2.91 0.00	6.37 1.90 24.91	23.90 1.47 1.35	28.95 1.70 1.13	29.26 1.67 1.01	27.61 1.65 1.09	25.24 1.46 0.91	23.90 1.44 0.91	22.74 1.45 1.19	24.23 1.61 1.05	28.14 1.87 0.86	32.82 2.03 0.55	45.15 2.58 0.30	45.53 2.54 0.05	41.28 2.21 0.01	34.41 1.83 0.00	29.89 1.60 0.13
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	39.81 1.69 -5.45	37.36 1.45 -5.77	33.51 1.62 -0.07	32.47 1.62 0.00	39.26 1.99 0.00	50.52 2.61 0.00	40.25 2.28 0.00	47.26 2.91 0.00	6.37 1.90 24.91	23.90 1.47 1.35	28.95 1.70 1.13	29.26 1.67 1.01	27.61 1.65 1.09	25.24 1.46 0.91	23.90 1.44 0.91	22.74 1.45 1.19	24.23 1.61 1.05	28.14 1.87 0.86	32.82 2.03 0.55	45.15 2.58 0.30	45.53 2.54 0.05	41.28 2.21 0.01	34.41 1.83 0.00	29.89 1.60 0.13
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.46 1.58 -0.21	31.75 1.36 -0.25	33.31 1.50 0.00	32.35 1.50 0.00	39.10 1.83 0.00	50.35 2.44 0.00	40.15 2.18 0.00	47.14 2.78 0.00	31.17 1.79 0.00	25.16 1.37 0.00	29.93 1.53 0.00	30.08 1.49 0.00	28.50 1.46 0.00	25.98 1.29 0.00	24.66 1.29 0.00	23.78 1.30 0.00	25.16 1.48 0.00	28.89 1.74 0.00	33.30 1.96 0.00	45.42 2.54 0.00	45.54 2.49 0.00	41.23 2.16 0.00	34.32 1.74 0.00	29.90 1.48 0.00
POLETTI___ 23519	64.18 2.11 -29.41	53.08 1.81 -21.13	35.19 1.99 -1.39	32.84 1.99 0.00	39.71 2.44 0.00	51.09 3.19 0.00	40.70 2.73 0.00	47.82 3.46 0.00	533.73 2.28 -502.07	52.71 1.75 -27.18	53.28 2.05 -22.84	50.89 2.02 -20.27	50.96 1.98 -21.93	44.77 1.78 -18.31	43.41 1.74 -18.29	48.24 1.75 -24.01	46.85 1.92 -21.26	46.70 2.20 -17.36	44.92 2.41 -11.17	52.08 3.07 -6.13	47.08 3.01 -1.02	41.86 2.63 -0.16	34.80 2.20 -0.02	32.99 1.94 -2.63
POMONA___ESR 323819	32.48 1.46 1.66	29.41 1.24 1.97	33.23 1.41 0.00	32.29 1.45 0.00	39.09 1.82 0.00	50.28 2.37 0.00	40.04 2.07 0.00	46.98 2.62 0.00	31.12 1.74 0.00	25.12 1.33 0.00	29.90 1.51 0.00	30.09 1.50 0.00	28.53 1.48 0.00	26.00 1.32 0.00	24.66 1.30 0.00	23.78 1.30 0.00	25.12 1.44 0.00	28.77 1.63 0.00	33.11 1.77 0.00	45.10 2.22 0.00	45.23 2.18 0.00	40.94 1.86 0.00	34.12 1.54 0.00	29.79 1.37 0.00
PORT_JEFF_3 23555	42.07 1.61 -7.79	39.82 1.43 -8.25	33.55 1.63 -0.10	32.29 1.45 0.00	38.87 1.60 0.00	50.06 2.15 0.00	39.75 1.78 0.00	46.60 2.24 0.00	-4.58 1.64 35.60	23.08 1.23 1.93	28.53 1.75 1.62	28.83 1.68 1.44	27.12 1.63 1.56	24.81 1.43 1.30	23.50 1.43 1.30	22.30 1.52 1.70	23.86 1.69 1.51	27.96 2.04 1.23	32.61 2.06 0.79	44.92 2.48 0.44	45.28 2.30 0.07	41.24 2.18 0.01	34.47 1.89 0.00	30.02 1.79 0.19

PORT_JEFF_4 23616	42.07 1.61 -7.79	39.82 1.43 -8.25	33.55 1.63 -0.10	32.29 1.45 0.00	38.87 1.60 0.00	50.06 2.15 0.00	39.75 1.78 0.00	46.60 2.24 0.00	-4.58 1.64 35.60	23.08 1.23 1.93	28.53 1.75 1.62	28.83 1.68 1.44	27.12 1.63 1.56	24.81 1.43 1.30	23.50 1.43 1.30	22.30 1.52 1.70	23.86 1.69 1.51	27.96 2.04 1.23	32.61 2.06 0.79	44.92 2.48 0.44	45.28 2.30 0.07	41.24 2.18 0.01	34.47 1.89 0.00	30.02 1.79 0.19
PORT_JEFF_IC 23713	42.09 1.63 -7.79	39.84 1.45 -8.25	33.54 1.62 -0.10	32.30 1.45 0.00	38.87 1.60 0.00	50.06 2.15 0.00	39.74 1.77 0.00	46.60 2.24 0.00	-4.59 1.63 35.60	25.67 1.21 -0.67	31.30 1.74 -1.17	29.59 1.68 0.68	28.57 1.62 0.09	26.75 1.43 -0.63	24.13 1.43 0.66	22.31 1.53 1.70	23.86 1.69 1.51	27.95 2.04 1.23	32.57 2.02 0.79	44.86 2.43 0.44	45.24 2.27 0.07	41.26 2.20 0.01	34.48 1.90 0.00	30.02 1.79 0.19
PPL PILGRIM_ST_GT1 24216	42.37 1.91 -7.79	40.05 1.66 -8.25	33.80 1.88 -0.10	32.57 1.72 0.00	39.23 1.96 0.00	50.48 2.57 0.00	40.05 2.08 0.00	46.96 2.60 0.00	-4.33 1.89 35.60	23.28 1.43 1.93	28.76 1.99 1.62	29.06 1.90 1.44	27.34 1.85 1.56	25.03 1.65 1.30	23.70 1.63 1.30	22.48 1.70 1.70	24.05 1.88 1.51	28.18 2.27 1.23	32.93 2.38 0.79	45.34 2.90 0.44	45.70 2.72 0.07	41.53 2.47 0.01	34.68 2.10 0.00	30.20 1.97 0.19
PPL PILGRIM_ST_GT2 24217	42.37 1.91 -7.79	40.05 1.66 -8.25	33.80 1.88 -0.10	32.57 1.72 0.00	39.23 1.96 0.00	50.48 2.57 0.00	40.05 2.08 0.00	46.96 2.60 0.00	-4.33 1.89 35.60	23.28 1.43 1.93	28.76 1.99 1.62	29.06 1.90 1.44	27.34 1.85 1.56	25.03 1.65 1.30	23.70 1.63 1.30	22.48 1.70 1.70	24.05 1.88 1.51	28.18 2.27 1.23	32.93 2.38 0.79	45.34 2.90 0.44	45.70 2.72 0.07	41.53 2.47 0.01	34.68 2.10 0.00	30.20 1.97 0.19
PPL_SHRM_GT3 24213	41.47 1.00 -7.79	39.38 0.99 -8.25	33.08 1.16 -0.10	31.75 0.90 0.00	38.19 0.91 0.00	49.20 1.29 0.00	39.14 1.17 0.00	45.87 1.52 0.00	-5.09 1.14 35.60	14.47 0.77 10.09	19.31 1.29 10.37	26.06 1.29 3.83	22.15 1.26 6.15	18.39 1.07 7.37	21.17 1.09 3.29	22.01 1.23 1.70	23.55 1.39 1.51	27.54 1.63 1.23	32.16 1.62 0.79	44.35 1.92 0.44	44.66 1.68 0.07	40.62 1.56 0.01	34.00 1.42 0.00	29.62 1.39 0.19
PPL_SHRM_GT4 24214	41.47 1.00 -7.79	39.38 0.99 -8.25	33.08 1.16 -0.10	31.75 0.90 0.00	38.19 0.91 0.00	49.20 1.29 0.00	39.14 1.17 0.00	45.87 1.52 0.00	-5.09 1.14 35.60	14.47 0.77 10.09	19.31 1.29 10.37	26.06 1.29 3.83	22.15 1.26 6.15	18.39 1.07 7.37	21.17 1.09 3.29	22.01 1.23 1.70	23.55 1.39 1.51	27.54 1.63 1.23	32.16 1.62 0.79	44.35 1.92 0.44	44.66 1.68 0.07	40.62 1.56 0.01	34.00 1.42 0.00	29.62 1.39 0.19
PROJECT___ORANGE 1 24174	32.32 -0.35 0.00	29.82 -0.33 0.00	31.44 -0.38 0.00	30.51 -0.34 0.00	36.88 -0.39 0.00	47.40 -0.51 0.00	37.65 -0.32 0.00	43.95 -0.41 0.00	29.09 -0.30 0.00	23.58 -0.21 0.00	28.22 -0.17 0.00	28.43 -0.16 0.00	26.85 -0.20 0.00	24.51 -0.17 0.00	23.17 -0.19 0.00	22.27 -0.21 0.00	23.43 -0.25 0.00	26.83 -0.31 0.00	30.96 -0.38 0.00	42.34 -0.54 0.00	42.53 -0.52 0.00	38.55 -0.52 0.00	32.24 -0.34 0.00	28.16 -0.25 0.00
PROJECT___ORANGE 2 24166	32.32 -0.35 0.00	29.82 -0.33 0.00	31.44 -0.38 0.00	30.51 -0.34 0.00	36.88 -0.39 0.00	47.40 -0.51 0.00	37.65 -0.32 0.00	43.95 -0.41 0.00	29.09 -0.30 0.00	23.58 -0.21 0.00	28.22 -0.17 0.00	28.43 -0.16 0.00	26.85 -0.20 0.00	24.51 -0.17 0.00	23.17 -0.19 0.00	22.27 -0.21 0.00	23.43 -0.25 0.00	26.83 -0.31 0.00	30.96 -0.38 0.00	42.34 -0.54 0.00	42.53 -0.52 0.00	38.55 -0.52 0.00	32.24 -0.34 0.00	28.16 -0.25 0.00
PUCKETT___SOLAR 323809	33.06 0.39 0.00	30.44 0.30 0.00	32.16 0.34 0.00	31.29 0.44 0.00	38.08 0.81 0.00	49.15 1.24 0.00	39.10 1.13 0.00	46.02 1.65 0.00	30.11 0.72 0.00	24.11 0.33 0.00	28.62 0.23 0.00	28.74 0.14 0.00	27.12 0.07 0.00	24.75 0.06 0.00	23.36 0.00 0.00	22.44 -0.04 0.00	23.71 0.04 0.00	27.40 0.26 0.00	32.01 0.67 0.00	44.06 1.19 0.00	44.36 1.31 0.00	40.14 1.07 0.00	33.60 1.02 0.00	29.36 0.94 0.00
PYRITES___HYD 24023	34.69 0.61 -1.41	30.77 0.64 0.00	32.37 0.55 0.00	37.75 0.45 -6.44	39.31 0.57 -1.47	48.79 0.88 0.00	38.31 0.34 0.00	44.25 -0.11 0.00	29.07 -0.31 0.00	23.29 -0.49 0.00	27.72 -0.67 0.00	29.77 -0.62 -1.79	28.19 -0.62 -1.77	30.87 -0.53 -6.71	26.05 -0.53 -3.21	25.51 -0.54 -3.57	27.49 -0.59 -4.40	26.53 -0.61 0.00	30.97 -0.37 0.00	43.30 0.43 0.00	43.91 0.85 0.00	39.83 0.76 0.00	32.99 0.41 0.00	28.63 0.21 0.00
QUAKERRD_115KV_BK1 80622	31.71 -0.95 0.00	29.25 -0.89 0.00	30.81 -1.01 0.00	29.83 -1.02 0.00	36.14 -1.13 0.00	46.34 -1.57 0.00	36.74 -1.23 0.00	42.69 -1.67 0.00	28.37 -1.01 0.00	22.95 -0.83 0.00	27.59 -0.80 0.00	27.84 -0.76 0.00	26.11 -0.93 0.00	23.92 -0.76 0.00	22.58 -0.79 0.00	21.66 -0.82 0.00	22.73 -0.95 0.00	25.90 -1.25 0.00	29.82 -1.52 0.00	40.74 -2.14 0.00	41.00 -2.06 0.00	37.21 -1.86 0.00	31.34 -1.24 0.00	27.35 -1.07 0.00
QUENSBRY_115KV_TB8 356137	34.30 1.63 0.00	31.63 1.49 0.00	33.35 1.54 0.00	32.35 1.50 0.00	39.29 2.02 0.00	51.12 3.21 0.00	40.65 2.68 0.00	47.76 3.40 0.00	32.97 3.58 0.00	26.18 2.39 0.00	30.46 2.07 0.00	30.07 1.47 0.00	28.01 0.96 0.00	25.40 0.71 0.00	24.14 0.77 0.00	23.36 0.88 0.00	24.76 1.09 0.00	28.54 1.41 0.00	33.18 1.84 0.00	45.34 2.46 0.00	45.49 2.44 0.00	41.30 2.23 0.00	34.27 1.68 0.00	29.78 1.36 0.00
RAMAPO___LBMP 323565	32.50 1.22 1.38	29.52 1.03 1.64	33.01 1.19 0.00	32.08 1.23 0.00	38.83 1.56 0.00	49.95 2.04 0.00	39.76 1.79 0.00	46.65 2.28 0.00	30.91 1.53 0.00	24.94 1.16 0.00	29.68 1.29 0.00	29.88 1.28 0.00	28.32 1.27 0.00	25.82 1.14 0.00	24.50 1.13 0.00	23.62 1.14 0.00	24.95 1.27 0.00	28.61 1.47 0.00	32.92 1.58 0.00	44.87 2.00 0.00	45.00 1.95 0.00	40.73 1.65 0.00	33.95 1.37 0.00	29.65 1.23 0.00
RANKINE____ 23646	32.50 -0.17 0.00	29.97 -0.17 0.00	31.53 -0.29 0.00	30.49 -0.36 0.00	37.03 -0.24 0.00	47.21 -0.69 0.00	37.34 -0.64 0.00	43.27 -1.09 0.00	29.03 -0.35 0.00	23.45 -0.33 0.00	28.42 0.03 0.00	28.71 0.12 0.00	26.74 -0.30 0.00	24.60 -0.08 0.00	23.17 -0.20 0.00	22.23 -0.25 0.00	23.27 -0.41 0.00	26.28 -0.87 0.00	30.06 -1.28 0.00	40.86 -2.01 0.00	41.21 -1.84 0.00	37.43 -1.64 0.00	31.90 -0.68 0.00	27.88 -0.54 0.00
RAVENSWOOD_GT2_1 24244	58.98 2.06 -24.25	49.99 1.78 -18.07	34.85 1.95 -1.08	32.81 1.96 0.00	39.67 2.40 0.00	51.02 3.12 0.00	40.66 2.69 0.00	47.77 3.41 0.00	643.51 2.23 -611.89	58.61 1.71 -33.12	58.23 2.00 -27.83	55.28 1.98 -24.71	55.71 1.93 -26.73	48.73 1.73 -22.32	47.36 1.69 -22.30	53.44 1.70 -29.26	51.45 1.86 -25.91	50.44 2.15 -21.16	47.30 2.35 -13.61	53.33 2.98 -7.47	47.22 2.93 -1.24	41.83 2.57 -0.19	34.74 2.14 -0.02	33.50 1.88 -3.20



RAVENSWOOD_GT2_2 24245	58.98 2.06 -24.25	49.99 1.78 -18.07	34.85 1.95 -1.08	32.81 1.96 0.00	39.67 2.40 0.00	51.02 3.12 0.00	40.66 2.69 0.00	47.77 3.41 0.00	643.51 2.23 -611.89	58.61 1.71 -33.12	58.23 2.00 -27.83	55.28 1.98 -24.71	55.71 1.93 -26.73	48.73 1.73 -22.32	47.36 1.69 -22.30	53.44 1.70 -29.26	51.45 1.86 -25.91	50.44 2.15 -21.16	47.30 2.35 -13.61	53.33 2.98 -7.47	47.22 2.93 -1.24	41.83 2.57 -0.19	34.74 2.14 -0.02	33.50 1.88 -3.20
RAVENSWOOD_GT2_3 24246	58.99 2.07 -24.25	49.99 1.78 -18.07	34.86 1.96 -1.08	32.82 1.97 0.00	39.69 2.42 0.00	51.05 3.14 0.00	40.68 2.71 0.00	47.78 3.42 0.00	643.52 2.25 -611.89	58.62 1.72 -33.12	58.24 2.02 -27.83	55.30 1.99 -24.71	55.72 1.95 -26.73	48.75 1.74 -22.32	47.37 1.70 -22.30	53.45 1.70 -29.26	51.45 1.87 -25.91	50.45 2.15 -21.16	47.31 2.36 -13.61	53.37 3.02 -7.47	47.24 2.96 -1.24	41.86 2.59 -0.19	34.76 2.16 -0.02	33.51 1.89 -3.20
RAVENSWOOD_GT2_4 24247	58.99 2.07 -24.25	49.99 1.78 -18.07	34.86 1.96 -1.08	32.82 1.97 0.00	39.69 2.42 0.00	51.05 3.14 0.00	40.68 2.71 0.00	47.78 3.42 0.00	643.52 2.25 -611.89	58.62 1.72 -33.12	58.24 2.02 -27.83	55.30 1.99 -24.71	55.72 1.95 -26.73	48.75 1.74 -22.32	47.37 1.70 -22.30	53.45 1.70 -29.26	51.45 1.87 -25.91	50.45 2.15 -21.16	47.31 2.36 -13.61	53.37 3.02 -7.47	47.24 2.96 -1.24	41.86 2.59 -0.19	34.76 2.16 -0.02	33.51 1.89 -3.20
RAVENSWOOD_GT3_1 24248	58.98 2.06 -24.25	49.99 1.78 -18.07	34.85 1.95 -1.08	32.81 1.96 0.00	39.67 2.40 0.00	51.03 3.12 0.00	40.66 2.69 0.00	47.77 3.41 0.00	643.51 2.23 -611.89	58.61 1.71 -33.12	58.23 2.00 -27.83	55.28 1.98 -24.71	55.71 1.93 -26.73	48.73 1.73 -22.32	47.36 1.69 -22.30	53.44 1.70 -29.26	51.45 1.86 -25.91	50.44 2.15 -21.16	47.30 2.35 -13.61	53.33 2.98 -7.47	47.22 2.93 -1.24	41.84 2.57 -0.19	34.74 2.14 -0.02	33.50 1.88 -3.20
RAVENSWOOD_GT3_2 24249	58.98 2.06 -24.25	49.99 1.78 -18.07	34.85 1.95 -1.08	32.81 1.96 0.00	39.67 2.40 0.00	51.03 3.12 0.00	40.66 2.69 0.00	47.77 3.41 0.00	643.51 2.23 -611.89	58.61 1.71 -33.12	58.23 2.00 -27.83	55.28 1.98 -24.71	55.71 1.93 -26.73	48.73 1.73 -22.32	47.36 1.69 -22.30	53.44 1.70 -29.26	51.45 1.86 -25.91	50.44 2.15 -21.16	47.30 2.35 -13.61	53.33 2.98 -7.47	47.22 2.93 -1.24	41.84 2.57 -0.19	34.74 2.14 -0.02	33.50 1.88 -3.20
RAVENSWOOD_GT3_3 24250	59.03 2.11 -24.25	50.02 1.81 -18.07	34.89 1.99 -1.08	32.85 2.00 0.00	39.72 2.45 0.00	51.10 3.19 0.00	40.72 2.74 0.00	47.83 3.47 0.00	643.56 2.28 -611.89	58.65 1.75 -33.12	58.28 2.05 -27.83	55.33 2.03 -24.71	55.75 1.98 -26.73	48.78 1.78 -22.32	47.40 1.73 -22.30	53.47 1.73 -29.26	51.49 1.90 -25.91	50.49 2.19 -21.16	47.35 2.40 -13.61	53.41 3.06 -7.47	47.29 3.00 -1.24	41.90 2.63 -0.19	34.80 2.19 -0.02	33.54 1.92 -3.20
RAVENSWOOD_GT3_4 24251	59.03 2.11 -24.25	50.02 1.81 -18.07	34.89 1.99 -1.08	32.85 2.00 0.00	39.72 2.45 0.00	51.10 3.19 0.00	40.72 2.74 0.00	47.83 3.47 0.00	643.56 2.28 -611.89	58.65 1.75 -33.12	58.28 2.05 -27.83	55.33 2.03 -24.71	55.75 1.98 -26.73	48.78 1.78 -22.32	47.40 1.73 -22.30	53.47 1.73 -29.26	51.49 1.90 -25.91	50.49 2.19 -21.16	47.35 2.40 -13.61	53.41 3.06 -7.47	47.29 3.00 -1.24	41.90 2.63 -0.19	34.80 2.19 -0.02	33.54 1.92 -3.20
RAVENSWOOD_GT_1 23729	194.45 2.21 -159.56	58.83 1.92 -26.77	41.03 2.10 -7.11	35.98 2.10 -3.03	41.69 2.55 -1.87	51.77 3.26 -0.61	42.23 2.85 -1.40	49.04 3.61 -1.07	644.36 2.36 -612.62	58.69 1.79 -33.12	58.33 2.11 -27.83	55.40 2.10 -24.71	55.82 2.05 -26.73	48.89 1.84 -22.37	47.48 1.77 -22.34	53.51 1.77 -29.26	51.51 1.93 -25.91	50.52 2.22 -21.16	47.73 2.45 -13.94	53.51 3.12 -7.51	48.63 3.04 -2.53	43.29 2.73 -1.49	37.30 2.26 -2.46	36.10 1.93 -5.75
RAVENSWOOD_GT_10 24258	47.60 2.06 -12.87	49.26 1.78 -17.34	34.50 1.95 -0.74	32.80 1.95 0.00	39.67 2.40 0.00	51.02 3.12 0.00	40.66 2.69 0.00	47.77 3.41 0.00	643.52 2.23 -611.91	58.61 1.71 -33.12	58.23 2.00 -27.83	55.28 1.98 -24.71	55.71 1.93 -26.73	48.73 1.73 -22.32	47.36 1.69 -22.30	53.44 1.70 -29.26	51.45 1.86 -25.91	50.44 2.14 -21.16	47.30 2.35 -13.61	53.33 2.98 -7.47	47.21 2.93 -1.24	41.83 2.57 -0.19	34.74 2.14 -0.02	33.50 1.88 -3.20
RAVENSWOOD_GT_11 24259	47.60 2.06 -12.87	49.26 1.78 -17.34	34.50 1.95 -0.74	32.80 1.95 0.00	39.67 2.40 0.00	51.02 3.12 0.00	40.66 2.69 0.00	47.77 3.41 0.00	643.52 2.23 -611.91	58.61 1.71 -33.12	58.23 2.00 -27.83	55.28 1.98 -24.71	55.71 1.93 -26.73	48.73 1.73 -22.32	47.36 1.69 -22.30	53.44 1.70 -29.26	51.45 1.86 -25.91	50.44 2.14 -21.16	47.30 2.35 -13.61	53.33 2.98 -7.47	47.21 2.93 -1.24	41.83 2.57 -0.19	34.74 2.14 -0.02	33.50 1.88 -3.20
RAVENSWOOD_GT_4 24252	-15.91 2.04 50.62	45.13 1.75 -13.24	34.09 1.93 -0.34	35.08 1.93 -2.30	41.08 2.38 -1.42	51.48 3.11 -0.46	41.71 2.67 -1.07	48.55 3.38 -0.82	644.05 2.22 -612.45	58.60 1.70 -33.12	58.22 2.00 -27.83	55.27 1.96 -24.71	55.70 1.92 -26.73	48.76 1.72 -22.36	47.39 1.69 -22.33	53.43 1.69 -29.26	51.44 1.85 -25.91	50.44 2.14 -21.16	47.54 2.33 -13.86	53.36 2.98 -7.50	48.20 2.93 -2.22	42.81 2.56 -1.18	36.58 2.13 -1.87	35.43 1.87 -5.14
RAVENSWOOD_GT_5 24254	-15.91 2.04 50.62	45.13 1.75 -13.24	34.09 1.93 -0.34	35.08 1.93 -2.30	41.08 2.38 -1.42	51.48 3.11 -0.46	41.71 2.67 -1.07	48.55 3.38 -0.82	644.05 2.22 -612.45	58.60 1.70 -33.12	58.22 2.00 -27.83	55.27 1.96 -24.71	55.70 1.92 -26.73	48.76 1.72 -22.36	47.39 1.69 -22.33	53.43 1.69 -29.26	51.44 1.85 -25.91	50.44 2.14 -21.16	47.54 2.33 -13.86	53.36 2.98 -7.50	48.20 2.93 -2.22	42.81 2.56 -1.18	36.58 2.13 -1.87	35.43 1.87 -5.14
RAVENSWOOD_GT_6 24253	-15.91 2.04 50.62	45.13 1.75 -13.24	34.09 1.93 -0.34	35.08 1.93 -2.30	41.08 2.38 -1.42	51.48 3.11 -0.46	41.71 2.67 -1.07	48.55 3.38 -0.82	644.05 2.22 -612.45	58.60 1.70 -33.12	58.22 2.00 -27.83	55.27 1.96 -24.71	55.70 1.92 -26.73	48.76 1.72 -22.36	47.39 1.69 -22.33	53.43 1.69 -29.26	51.44 1.85 -25.91	50.44 2.14 -21.16	47.54 2.33 -13.86	53.36 2.98 -7.50	48.20 2.93 -2.22	42.81 2.56 -1.18	36.58 2.13 -1.87	35.43 1.87 -5.14
RAVENSWOOD_GT_7 24255	-15.91 2.04 50.62	45.13 1.75 -13.24	34.09 1.93 -0.34	35.08 1.93 -2.30	41.08 2.38 -1.42	51.48 3.11 -0.46	41.71 2.67 -1.07	48.55 3.38 -0.82	644.05 2.22 -612.45	58.60 1.70 -33.12	58.22 2.00 -27.83	55.27 1.96 -24.71	55.70 1.92 -26.73	48.76 1.72 -22.36	47.39 1.69 -22.33	53.43 1.69 -29.26	51.44 1.85 -25.91	50.44 2.14 -21.16	47.54 2.33 -13.86	53.36 2.98 -7.50	48.20 2.93 -2.22	42.81 2.56 -1.18	36.58 2.13 -1.87	35.43 1.87 -5.14
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	47.60 2.06 -12.87	49.26 1.78 -17.34	34.50 1.95 -0.74	32.80 1.95 0.00	39.67 2.40 0.00	51.02 3.12 0.00	40.66 2.69 0.00	47.77 3.41 0.00	643.52 2.23 -611.91	58.61 1.71 -33.12	58.23 2.00 -27.83	55.28 1.98 -24.71	55.71 1.93 -26.73	48.73 1.73 -22.32	47.36 1.69 -22.30	53.44 1.70 -29.26	51.45 1.86 -25.91	50.44 2.14 -21.16	47.30 2.35 -13.61	53.33 2.98 -7.47	47.21 2.93 -1.24	41.83 2.57 -0.19	34.74 2.14 -0.02	33.50 1.88 -3.20

RAVENSWOOD_GT_9 24257	47.60 2.06 -12.87	49.26 1.78 -17.34	34.50 1.95 -0.74	32.80 1.95 0.00	39.67 2.40 0.00	51.02 3.12 0.00	40.66 2.69 0.00	47.77 3.41 0.00	643.52 2.23 -611.91	58.61 1.71 -33.12	58.23 2.00 -27.83	55.28 1.98 -24.71	55.71 1.93 -26.73	48.73 1.73 -22.32	47.36 1.69 -22.30	53.44 1.70 -29.26	51.45 1.86 -25.91	50.44 2.14 -21.16	47.30 2.35 -13.61	53.33 2.98 -7.47	47.21 2.93 -1.24	41.83 2.57 -0.19	34.74 2.14 -0.02	33.50 1.88 -3.20
RAVENSWOOD___1 23533	155.93 2.18 -121.08	56.34 1.87 -24.33	35.91 2.06 -2.03	29.94 2.06 2.97	37.93 2.51 1.84	50.51 3.20 0.60	39.40 2.81 1.38	46.86 3.55 1.05	643.16 2.30 -611.47	58.64 1.74 -33.12	58.29 2.07 -27.83	55.36 2.06 -24.71	55.76 1.99 -26.73	48.72 1.77 -22.26	47.34 1.72 -22.25	53.46 1.71 -29.26	51.47 1.89 -25.91	50.47 2.18 -21.16	47.04 2.41 -13.29	53.38 3.07 -7.43	46.02 3.01 0.04	40.67 2.68 1.08	32.44 2.23 2.37	31.02 1.90 -0.69
RAVENSWOOD___2 23534	174.68 2.07 -139.94	57.32 1.65 -25.52	38.23 1.87 -4.54	32.84 1.98 -0.01	39.60 2.33 0.00	50.80 2.89 0.00	40.54 2.56 0.00	47.62 3.26 0.00	643.52 2.10 -612.05	58.45 1.54 -33.12	58.06 1.83 -27.83	55.13 1.83 -24.71	55.54 1.77 -26.73	48.58 1.58 -22.32	47.26 1.59 -22.30	53.34 1.60 -29.26	51.35 1.76 -25.91	50.34 2.04 -21.16	47.27 2.31 -13.61	53.24 2.89 -7.47	47.11 2.82 -1.24	41.83 2.56 -0.19	34.73 2.13 -0.03	33.48 1.86 -3.20
RAVENSWOOD___3 23535	58.98 2.07 -24.25	49.99 1.78 -18.07	34.85 1.95 -1.08	32.81 1.96 0.00	39.67 2.40 0.00	51.03 3.12 0.00	40.66 2.69 0.00	47.77 3.41 0.00	643.51 2.24 -611.89	58.62 1.71 -33.12	58.23 2.00 -27.83	55.28 1.98 -24.71	55.72 1.94 -26.73	48.73 1.73 -22.32	47.36 1.69 -22.30	53.43 1.69 -29.26	51.45 1.87 -25.91	50.45 2.15 -21.16	47.30 2.35 -13.61	53.35 2.99 -7.47	47.22 2.94 -1.24	41.84 2.58 -0.19	34.74 2.14 -0.02	33.50 1.88 -3.20
RAVENSWOOD___4 23820	155.93 2.18 -121.08	56.34 1.87 -24.33	35.91 2.06 -2.03	29.94 2.06 2.97	37.93 2.51 1.84	50.51 3.20 0.60	39.40 2.81 1.38	46.86 3.55 1.05	643.16 2.30 -611.47	58.64 1.74 -33.12	58.29 2.07 -27.83	55.36 2.06 -24.71	55.76 1.99 -26.73	48.72 1.77 -22.26	47.34 1.72 -22.25	53.46 1.71 -29.26	51.47 1.89 -25.91	50.47 2.18 -21.16	47.04 2.41 -13.29	53.38 3.07 -7.43	46.02 3.01 0.04	40.67 2.68 1.08	32.44 2.23 2.37	31.02 1.90 -0.69
RCPL_TRUST___DRP 24196	12.34 2.00 22.33	16.20 1.68 15.62	32.62 1.90 1.09	32.76 1.91 0.00	39.63 2.36 0.00	50.98 3.07 0.00	40.62 2.65 0.00	47.71 3.35 0.00	411.86 2.18 -380.30	46.04 1.67 -20.58	47.65 1.96 -17.30	45.89 1.94 -15.36	45.55 1.89 -16.61	40.24 1.69 -13.87	38.89 1.66 -13.86	42.33 1.67 -18.19	41.61 1.83 -16.10	42.40 2.11 -13.15	42.10 2.30 -8.46	50.46 2.94 -4.64	46.70 2.88 -0.77	41.71 2.51 -0.12	34.69 2.10 -0.01	32.26 1.85 -1.99
RED___ROCHESTER 323720	32.56 -0.11 0.00	30.02 -0.12 0.00	31.58 -0.23 0.00	30.57 -0.28 0.00	37.06 -0.21 0.00	47.50 -0.40 0.00	37.67 -0.30 0.00	43.73 -0.63 0.00	29.11 -0.27 0.00	23.51 -0.27 0.00	28.32 -0.06 0.00	28.59 0.00 0.00	26.77 -0.28 0.00	24.58 -0.11 0.00	23.22 -0.16 0.00	22.27 -0.20 0.00	23.29 -0.38 0.00	26.50 -0.64 0.00	30.49 -0.84 0.00	41.67 -1.20 0.00	41.96 -1.09 0.00	38.09 -0.98 0.00	32.14 -0.44 0.00	28.04 -0.38 0.00
REGAN___SOLAR 323812	34.70 2.03 0.00	31.96 1.82 0.00	33.75 1.93 0.00	32.71 1.86 0.00	39.63 2.35 0.00	51.13 3.22 0.00	40.69 2.72 0.00	46.78 2.42 0.00	29.66 0.28 0.00	23.48 -0.30 0.00	27.88 -0.51 0.00	27.99 -0.60 0.00	26.50 -0.54 0.00	24.14 -0.55 0.00	22.85 -0.53 0.00	22.04 -0.44 0.00	23.31 -0.36 0.00	27.04 -0.10 0.00	32.41 1.08 0.00	45.63 2.75 0.00	45.99 2.94 0.00	41.78 2.71 0.00	34.68 2.10 0.00	30.19 1.77 0.00
RENSSELAER___COGEN 23796	33.00 0.34 0.00	30.46 0.32 0.00	32.14 0.32 0.00	31.22 0.37 0.00	37.63 0.36 0.00	48.38 0.47 0.00	38.46 0.49 0.00	45.02 0.66 0.00	29.82 0.44 0.00	24.19 0.41 0.00	28.78 0.39 0.00	28.95 0.36 0.00	27.47 0.42 0.00	25.02 0.34 0.00	23.74 0.37 0.00	22.89 0.42 0.00	24.18 0.51 0.00	27.76 0.62 0.00	31.98 0.64 0.00	43.54 0.67 0.00	43.57 0.51 0.00	39.60 0.53 0.00	33.02 0.44 0.00	28.81 0.39 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.19 2.52 0.00	32.54 2.40 0.00	34.37 2.55 0.00	33.29 2.44 0.00	40.40 3.13 0.00	53.02 5.11 0.00	42.35 4.37 0.00	49.78 5.42 0.00	33.74 4.36 0.00	26.77 2.98 0.00	30.99 2.61 0.00	30.45 1.85 0.00	28.20 1.16 0.00	25.56 0.87 0.00	24.46 1.09 0.00	23.76 1.29 0.00	25.33 1.65 0.00	29.25 2.11 0.00	34.04 2.70 0.00	46.40 3.52 0.00	46.80 3.75 0.00	42.62 3.55 0.00	35.11 2.53 0.00	30.42 2.00 0.00
REVERE_CPPR_DRP 24186	33.63 0.96 0.00	31.05 0.91 0.00	32.79 0.97 0.00	31.80 0.95 0.00	38.36 1.09 0.00	49.42 1.51 0.00	39.38 1.40 0.00	45.87 1.51 0.00	30.07 0.69 0.00	24.07 0.28 0.00	28.60 0.21 0.00	28.90 0.31 0.00	27.34 0.30 0.00	24.94 0.26 0.00	23.53 0.16 0.00	22.63 0.15 0.00	23.90 0.23 0.00	27.62 0.49 0.00	32.34 1.00 0.00	44.66 1.78 0.00	44.87 1.82 0.00	40.49 1.42 0.00	33.66 1.08 0.00	29.32 0.90 0.00
REYNOLDS_115KV_TB3 80639	33.25 0.58 0.00	30.68 0.54 0.00	32.39 0.57 0.00	31.45 0.60 0.00	37.92 0.65 0.00	48.75 0.84 0.00	38.72 0.75 0.00	45.37 1.01 0.00	30.05 0.67 0.00	24.38 0.60 0.00	29.01 0.62 0.00	29.18 0.59 0.00	27.69 0.65 0.00	25.21 0.53 0.00	23.93 0.56 0.00	23.08 0.60 0.00	24.37 0.69 0.00	27.98 0.83 0.00	32.21 0.87 0.00	43.85 0.98 0.00	43.85 0.80 0.00	39.88 0.81 0.00	33.26 0.68 0.00	29.01 0.59 0.00
RIVERBAY____ 323610	175.90 2.95 -140.28	58.35 2.66 -25.54	38.99 2.62 -4.55	33.48 2.63 -0.01	40.59 3.32 0.00	52.24 4.33 0.00	41.68 3.71 0.00	48.88 4.52 0.00	534.44 2.84 -502.22	53.11 2.14 -27.18	53.69 2.46 -22.84	51.36 2.49 -20.27	51.43 2.45 -21.94	45.18 2.18 -18.32	43.75 2.07 -18.31	48.56 2.06 -24.03	47.18 2.24 -21.27	47.09 2.58 -17.37	45.36 2.84 -11.18	52.83 3.82 -6.14	48.08 3.80 -1.24	42.70 3.43 -0.19	35.40 2.79 -0.03	33.97 2.35 -3.20
RIVERSDE_115KV_TB3 55908	33.15 0.48 0.00	30.58 0.44 0.00	32.28 0.46 0.00	31.35 0.50 0.00	37.79 0.52 0.00	48.60 0.70 0.00	38.61 0.64 0.00	45.22 0.86 0.00	29.95 0.57 0.00	24.31 0.52 0.00	28.91 0.52 0.00	29.09 0.50 0.00	27.59 0.55 0.00	25.13 0.45 0.00	23.85 0.47 0.00	23.00 0.52 0.00	24.30 0.62 0.00	27.89 0.75 0.00	32.12 0.78 0.00	43.73 0.86 0.00	43.74 0.69 0.00	39.76 0.69 0.00	33.15 0.57 0.00	28.92 0.51 0.00
ROARING___BROOK_WT_PWR 323790	32.35 -0.32 0.00	29.89 -0.25 0.00	31.66 -0.15 0.00	30.63 -0.22 0.00	36.91 -0.36 0.00	47.45 -0.45 0.00	37.53 -0.44 0.00	43.87 -0.49 0.00	29.08 -0.30 0.00	23.40 -0.39 0.00	27.81 -0.58 0.00	28.06 -0.54 0.00	26.67 -0.37 0.00	24.35 -0.33 0.00	22.99 -0.38 0.00	22.13 -0.35 0.00	23.34 -0.34 0.00	26.86 -0.28 0.00	31.18 -0.16 0.00	42.79 -0.08 0.00	42.94 -0.11 0.00	38.86 -0.21 0.00	32.10 -0.48 0.00	27.90 -0.52 0.00

ROCHESRG_115KV_T4 355643	32.25 -0.42 0.00	29.73 -0.40 0.00	31.31 -0.51 0.00	30.30 -0.55 0.00	36.72 -0.55 0.00	47.04 -0.86 0.00	37.27 -0.70 0.00	43.27 -1.09 0.00	28.81 -0.57 0.00	23.30 -0.48 0.00	28.08 -0.31 0.00	28.35 -0.24 0.00	26.55 -0.50 0.00	24.35 -0.34 0.00	22.98 -0.39 0.00	22.03 -0.44 0.00	23.11 -0.57 0.00	26.26 -0.88 0.00	30.17 -1.17 0.00	41.20 -1.68 0.00	41.48 -1.57 0.00	37.66 -1.41 0.00	31.81 -0.77 0.00	27.77 -0.65 0.00
ROCHESTER_9_IC 23652	32.42 -0.25 0.00	29.89 -0.26 0.00	31.46 -0.36 0.00	30.46 -0.40 0.00	36.91 -0.36 0.00	47.30 -0.61 0.00	37.50 -0.47 0.00	43.53 -0.83 0.00	28.97 -0.41 0.00	23.42 -0.36 0.00	28.21 -0.18 0.00	28.48 -0.11 0.00	26.67 -0.38 0.00	24.46 -0.23 0.00	23.08 -0.29 0.00	22.13 -0.35 0.00	23.20 -0.48 0.00	26.37 -0.76 0.00	30.34 -1.00 0.00	41.44 -1.43 0.00	41.73 -1.32 0.00	37.89 -1.18 0.00	31.98 -0.61 0.00	27.91 -0.51 0.00
ROCKVIEW_13_KV_LD 356306	37.15 1.92 -2.56	34.80 1.63 -3.03	33.63 1.81 0.00	32.68 1.84 0.00	39.51 2.24 0.00	50.85 2.95 0.00	40.51 2.54 0.00	47.58 3.22 0.00	31.49 2.11 0.00	25.42 1.63 0.00	30.30 1.91 0.00	30.47 1.88 0.00	28.88 1.84 0.00	26.33 1.65 0.00	24.98 1.61 0.00	24.09 1.62 0.00	25.46 1.79 0.00	29.21 2.07 0.00	33.60 2.26 0.00	45.76 2.89 0.00	45.88 2.83 0.00	41.55 2.48 0.00	34.63 2.05 0.00	30.20 1.78 0.00
ROME____115KV_TB2 80656	33.63 0.96 0.00	31.05 0.91 0.00	32.79 0.97 0.00	31.80 0.95 0.00	38.36 1.09 0.00	49.42 1.51 0.00	39.38 1.40 0.00	45.87 1.51 0.00	30.07 0.69 0.00	24.07 0.28 0.00	28.60 0.21 0.00	28.90 0.31 0.00	27.34 0.30 0.00	24.94 0.26 0.00	23.53 0.16 0.00	22.63 0.15 0.00	23.90 0.23 0.00	27.62 0.49 0.00	32.34 1.00 0.00	44.66 1.78 0.00	44.87 1.82 0.00	40.49 1.42 0.00	33.66 1.08 0.00	29.32 0.90 0.00
ROSETON___1 23587	34.42 1.26 -0.49	31.80 1.07 -0.59	33.03 1.21 0.00	32.08 1.23 0.00	38.77 1.51 0.00	49.90 1.99 0.00	39.72 1.74 0.00	46.61 2.25 0.00	30.86 1.48 0.00	24.94 1.16 0.00	29.70 1.31 0.00	29.89 1.29 0.00	28.34 1.29 0.00	25.82 1.14 0.00	24.50 1.13 0.00	23.62 1.14 0.00	24.96 1.28 0.00	28.63 1.48 0.00	32.94 1.60 0.00	44.89 2.01 0.00	44.99 1.94 0.00	40.76 1.69 0.00	33.97 1.39 0.00	29.63 1.21 0.00
ROSETON___2 23588	34.42 1.26 -0.49	31.80 1.07 -0.59	33.03 1.21 0.00	32.08 1.23 0.00	38.77 1.51 0.00	49.90 1.99 0.00	39.72 1.74 0.00	46.61 2.25 0.00	30.86 1.48 0.00	24.94 1.16 0.00	29.70 1.31 0.00	29.89 1.29 0.00	28.34 1.29 0.00	25.82 1.14 0.00	24.50 1.13 0.00	23.62 1.14 0.00	24.96 1.28 0.00	28.63 1.48 0.00	32.94 1.60 0.00	44.89 2.01 0.00	44.99 1.94 0.00	40.76 1.69 0.00	33.97 1.39 0.00	29.63 1.21 0.00
ROTRRDAM_115KV_TB3 80664	33.43 0.76 0.00	30.82 0.68 0.00	32.55 0.73 0.00	31.58 0.73 0.00	38.12 0.85 0.00	49.04 1.14 0.00	38.94 0.97 0.00	45.52 1.16 0.00	29.96 0.57 0.00	24.21 0.42 0.00	28.84 0.45 0.00	29.03 0.43 0.00	27.54 0.49 0.00	25.10 0.42 0.00	23.80 0.43 0.00	22.93 0.45 0.00	24.22 0.54 0.00	27.84 0.70 0.00	32.19 0.85 0.00	44.01 1.14 0.00	44.13 1.08 0.00	40.06 0.99 0.00	33.39 0.81 0.00	29.10 0.68 0.00
RUSSELL___1 23602	32.56 -0.11 0.00	30.01 -0.13 0.00	31.59 -0.23 0.00	30.57 -0.27 0.00	37.06 -0.21 0.00	47.50 -0.40 0.00	37.66 -0.31 0.00	43.73 -0.63 0.00	29.10 -0.28 0.00	23.51 -0.27 0.00	28.32 -0.07 0.00	28.59 -0.01 0.00	26.77 -0.27 0.00	24.55 -0.13 0.00	23.18 -0.19 0.00	22.23 -0.25 0.00	23.29 -0.38 0.00	26.50 -0.64 0.00	30.50 -0.84 0.00	41.67 -1.20 0.00	41.97 -1.09 0.00	38.09 -0.98 0.00	32.14 -0.44 0.00	28.03 -0.38 0.00
RUSSELL___2 23532	32.56 -0.11 0.00	30.01 -0.13 0.00	31.59 -0.23 0.00	30.57 -0.27 0.00	37.06 -0.21 0.00	47.50 -0.40 0.00	37.66 -0.31 0.00	43.73 -0.63 0.00	29.10 -0.28 0.00	23.51 -0.27 0.00	28.32 -0.07 0.00	28.59 -0.01 0.00	26.77 -0.27 0.00	24.55 -0.13 0.00	23.18 -0.19 0.00	22.23 -0.25 0.00	23.29 -0.38 0.00	26.50 -0.64 0.00	30.50 -0.84 0.00	41.67 -1.20 0.00	41.97 -1.09 0.00	38.09 -0.98 0.00	32.14 -0.44 0.00	28.03 -0.38 0.00
RUSSELL___3 23549	32.56 -0.11 0.00	30.01 -0.13 0.00	31.59 -0.23 0.00	30.57 -0.27 0.00	37.06 -0.21 0.00	47.50 -0.40 0.00	37.66 -0.31 0.00	43.73 -0.63 0.00	29.10 -0.28 0.00	23.51 -0.27 0.00	28.32 -0.07 0.00	28.59 -0.01 0.00	26.77 -0.27 0.00	24.55 -0.13 0.00	23.18 -0.19 0.00	22.23 -0.25 0.00	23.29 -0.38 0.00	26.50 -0.64 0.00	30.50 -0.84 0.00	41.67 -1.20 0.00	41.97 -1.09 0.00	38.09 -0.98 0.00	32.14 -0.44 0.00	28.03 -0.38 0.00
RUSSELL___4 23556	32.56 -0.11 0.00	30.01 -0.13 0.00	31.59 -0.23 0.00	30.57 -0.27 0.00	37.06 -0.21 0.00	47.50 -0.40 0.00	37.66 -0.31 0.00	43.73 -0.63 0.00	29.10 -0.28 0.00	23.51 -0.27 0.00	28.32 -0.07 0.00	28.59 -0.01 0.00	26.77 -0.27 0.00	24.55 -0.13 0.00	23.18 -0.19 0.00	22.23 -0.25 0.00	23.29 -0.38 0.00	26.50 -0.64 0.00	30.50 -0.84 0.00	41.67 -1.20 0.00	41.97 -1.09 0.00	38.09 -0.98 0.00	32.14 -0.44 0.00	28.03 -0.38 0.00
RUSSELL___STATION 23914	32.56 -0.11 0.00	30.01 -0.13 0.00	31.59 -0.23 0.00	30.57 -0.27 0.00	37.06 -0.21 0.00	47.50 -0.40 0.00	37.66 -0.31 0.00	43.73 -0.63 0.00	29.10 -0.28 0.00	23.51 -0.27 0.00	28.32 -0.07 0.00	28.59 -0.01 0.00	26.77 -0.27 0.00	24.55 -0.13 0.00	23.18 -0.19 0.00	22.23 -0.25 0.00	23.29 -0.38 0.00	26.50 -0.64 0.00	30.50 -0.84 0.00	41.67 -1.20 0.00	41.97 -1.09 0.00	38.09 -0.98 0.00	32.14 -0.44 0.00	28.03 -0.38 0.00
S SALMON___HYD 24043	31.96 -0.71 0.00	29.63 -0.50 0.00	31.28 -0.54 0.00	30.25 -0.59 0.00	36.47 -0.80 0.00	46.84 -1.07 0.00	37.24 -0.73 0.00	43.36 -1.00 0.00	28.48 -0.90 0.00	22.86 -0.92 0.00	27.30 -1.09 0.00	27.66 -0.93 0.00	26.21 -0.83 0.00	23.89 -0.79 0.00	22.50 -0.87 0.00	21.61 -0.87 0.00	22.74 -0.93 0.00	26.17 -0.97 0.00	30.49 -0.85 0.00	42.19 -0.68 0.00	42.42 -0.62 0.00	38.23 -0.84 0.00	31.82 -0.76 0.00	27.84 -0.58 0.00
S.PERRY__115KV_TB1 80734	33.28 0.61 0.00	30.82 0.68 0.00	32.49 0.67 0.00	31.51 0.66 0.00	38.24 0.97 0.00	49.02 1.12 0.00	38.98 1.01 0.00	45.18 0.82 0.00	29.55 0.17 0.00	23.65 -0.13 0.00	28.41 0.02 0.00	28.68 0.08 0.00	26.82 -0.22 0.00	24.57 -0.11 0.00	23.11 -0.26 0.00	22.19 -0.29 0.00	23.39 -0.29 0.00	26.70 -0.44 0.00	30.94 -0.40 0.00	42.94 0.06 0.00	43.59 0.55 0.00	39.56 0.49 0.00	33.33 0.75 0.00	29.05 0.63 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.17 -0.50 0.00	29.66 -0.47 0.00	31.20 -0.62 0.00	30.14 -0.71 0.00	36.61 -0.66 0.00	46.67 -1.24 0.00	36.87 -1.11 0.00	42.65 -1.71 0.00	28.65 -0.73 0.00	23.17 -0.61 0.00	28.12 -0.27 0.00	28.43 -0.16 0.00	26.47 -0.57 0.00	24.36 -0.32 0.00	22.95 -0.42 0.00	22.01 -0.47 0.00	23.02 -0.66 0.00	25.95 -1.19 0.00	29.63 -1.71 0.00	40.25 -2.62 0.00	40.57 -2.48 0.00	36.91 -2.17 0.00	31.51 -1.08 0.00	27.54 -0.88 0.00

SAWYER___23_KV_LOAD 55526	32.17 -0.50 0.00	29.66 -0.47 0.00	31.20 -0.62 0.00	30.14 -0.71 0.00	36.61 -0.66 0.00	46.67 -1.24 0.00	36.87 -1.11 0.00	42.65 -1.71 0.00	28.65 -0.73 0.00	23.17 -0.61 0.00	28.12 -0.27 0.00	28.43 -0.16 0.00	26.47 -0.57 0.00	24.36 -0.32 0.00	22.95 -0.42 0.00	22.01 -0.47 0.00	23.02 -0.66 0.00	25.95 -1.19 0.00	29.63 -1.71 0.00	40.25 -2.62 0.00	40.57 -2.48 0.00	36.91 -2.17 0.00	31.51 -1.08 0.00	27.54 -0.88 0.00
SELKIRK___I 23801	33.29 0.62 0.00	30.72 0.58 0.00	32.43 0.61 0.00	31.50 0.65 0.00	37.99 0.72 0.00	48.82 0.91 0.00	38.74 0.77 0.00	45.22 0.86 0.00	29.80 0.42 0.00	24.13 0.35 0.00	28.74 0.35 0.00	28.91 0.32 0.00	27.42 0.37 0.00	25.00 0.31 0.00	23.70 0.33 0.00	22.84 0.36 0.00	24.15 0.47 0.00	27.75 0.61 0.00	32.12 0.78 0.00	43.86 0.98 0.00	43.92 0.86 0.00	39.89 0.82 0.00	33.27 0.69 0.00	29.01 0.59 0.00
SELKIRK___II 23799	33.13 0.46 0.00	30.57 0.43 0.00	32.26 0.44 0.00	31.33 0.48 0.00	37.79 0.52 0.00	48.58 0.67 0.00	38.60 0.63 0.00	45.18 0.82 0.00	29.90 0.52 0.00	24.24 0.46 0.00	28.87 0.48 0.00	29.05 0.46 0.00	27.55 0.50 0.00	25.10 0.42 0.00	23.80 0.43 0.00	22.94 0.47 0.00	24.24 0.56 0.00	27.81 0.67 0.00	32.04 0.70 0.00	43.67 0.80 0.00	43.72 0.67 0.00	39.72 0.65 0.00	33.12 0.54 0.00	28.90 0.48 0.00
SENECA OSWGO___HYD 24041	31.95 -0.72 0.00	29.48 -0.66 0.00	31.09 -0.72 0.00	30.17 -0.68 0.00	36.44 -0.82 0.00	46.82 -1.09 0.00	37.20 -0.77 0.00	43.42 -0.94 0.00	28.72 -0.66 0.00	23.27 -0.51 0.00	27.84 -0.55 0.00	28.01 -0.58 0.00	26.45 -0.59 0.00	24.16 -0.52 0.00	22.84 -0.53 0.00	21.91 -0.56 0.00	23.04 -0.64 0.00	26.40 -0.75 0.00	30.51 -0.83 0.00	41.84 -1.03 0.00	42.03 -1.02 0.00	38.11 -0.96 0.00	31.85 -0.73 0.00	27.82 -0.60 0.00
SENECA___115KV_TB3 355854	32.55 -0.12 0.00	30.02 -0.12 0.00	31.58 -0.24 0.00	30.54 -0.31 0.00	37.09 -0.18 0.00	47.30 -0.61 0.00	37.40 -0.57 0.00	43.36 -1.00 0.00	29.08 -0.30 0.00	23.50 -0.28 0.00	28.46 0.07 0.00	28.77 0.17 0.00	26.79 -0.25 0.00	24.64 -0.04 0.00	23.21 -0.16 0.00	22.27 -0.21 0.00	23.31 -0.37 0.00	26.32 -0.82 0.00	30.11 -1.23 0.00	40.94 -1.94 0.00	41.28 -1.77 0.00	37.50 -1.58 0.00	31.96 -0.62 0.00	27.93 -0.49 0.00
SENECA___ENERGY 23797	32.55 -0.12 0.00	30.04 -0.10 0.00	31.72 -0.09 0.00	30.75 -0.10 0.00	37.24 -0.03 0.00	47.85 0.06 0.00	38.03 0.06 0.00	44.32 -0.04 0.00	29.32 -0.06 0.00	23.63 -0.15 0.00	28.28 -0.11 0.00	28.47 -0.12 0.00	26.81 -0.23 0.00	24.50 -0.18 0.00	23.14 -0.23 0.00	22.21 -0.27 0.00	23.37 -0.31 0.00	26.76 -0.38 0.00	30.99 -0.35 0.00	42.44 -0.44 0.00	42.68 -0.37 0.00	38.75 -0.32 0.00	32.48 -0.10 0.00	28.39 -0.03 0.00
SHOEMAKER___GT 23640	32.98 1.09 0.78	30.14 0.93 0.93	32.86 1.05 0.00	31.92 1.07 0.00	38.61 1.34 0.00	49.65 1.74 0.00	39.49 1.51 0.00	46.27 1.91 0.00	30.61 1.23 0.00	24.69 0.91 0.00	29.38 0.99 0.00	29.56 0.97 0.00	28.01 0.97 0.00	25.54 0.85 0.00	24.21 0.84 0.00	23.33 0.86 0.00	24.66 0.98 0.00	28.31 1.17 0.00	32.66 1.32 0.00	44.59 1.72 0.00	44.75 1.69 0.00	40.55 1.48 0.00	33.80 1.22 0.00	29.49 1.07 0.00
SHOEMAKR_138KV_BK 111 55601	33.01 1.07 0.73	30.18 0.91 0.87	32.85 1.04 0.00	31.91 1.06 0.00	38.59 1.33 0.00	49.64 1.73 0.00	39.48 1.51 0.00	46.27 1.91 0.00	30.63 1.25 0.00	24.71 0.92 0.00	29.41 1.02 0.00	29.59 0.99 0.00	28.03 0.99 0.00	25.56 0.88 0.00	24.25 0.88 0.00	23.37 0.90 0.00	24.68 1.01 0.00	28.33 1.19 0.00	32.66 1.32 0.00	44.58 1.71 0.00	44.73 1.68 0.00	40.53 1.46 0.00	33.79 1.21 0.00	29.48 1.06 0.00
SHOREHAM_IC_1 23715	41.47 1.00 -7.79	39.38 0.99 -8.25	33.08 1.16 -0.10	31.75 0.90 0.00	38.19 0.91 0.00	49.20 1.29 0.00	39.14 1.17 0.00	45.87 1.52 0.00	-5.09 1.14 35.60	14.47 0.77 10.09	19.31 1.29 10.37	26.06 1.29 3.83	22.15 1.26 6.15	18.39 1.07 7.37	21.17 1.09 3.29	22.01 1.23 1.70	23.55 1.39 1.51	27.54 1.63 1.23	32.16 1.62 0.79	44.35 1.92 0.44	44.66 1.68 0.07	40.62 1.56 0.01	34.00 1.42 0.00	29.62 1.39 0.19
SHOREHAM_IC_2 23716	41.47 1.00 -7.79	39.38 0.99 -8.25	33.08 1.16 -0.10	31.75 0.90 0.00	38.19 0.91 0.00	49.20 1.29 0.00	39.14 1.17 0.00	45.87 1.52 0.00	-5.09 1.14 35.60	14.47 0.77 10.09	19.31 1.29 10.37	26.06 1.29 3.83	22.15 1.26 6.15	18.39 1.07 7.37	21.17 1.09 3.29	22.01 1.23 1.70	23.55 1.39 1.51	27.54 1.63 1.23	32.16 1.62 0.79	44.35 1.92 0.44	44.66 1.68 0.07	40.62 1.56 0.01	34.00 1.42 0.00	29.62 1.39 0.19
SISSONVILLE____ 23735	33.89 -0.35 -1.57	29.92 -0.22 0.00	31.54 -0.28 0.00	37.62 -0.40 -7.17	38.41 -0.49 -1.63	47.38 -0.53 0.00	37.20 -0.77 0.00	43.17 -1.19 0.00	28.55 -0.83 0.00	22.92 -0.86 0.00	27.27 -1.12 0.00	29.54 -1.05 -2.00	27.98 -1.03 -1.97	31.24 -0.91 -7.47	26.04 -0.91 -3.58	25.56 -0.89 -3.98	27.62 -0.95 -4.89	26.13 -1.01 0.00	30.49 -0.85 0.00	42.38 -0.50 0.00	42.82 -0.23 0.00	38.82 -0.25 0.00	32.11 -0.47 0.00	27.88 -0.54 0.00
SITHE_IND_GS1 24169	31.62 -1.04 0.00	29.20 -0.94 0.00	30.80 -1.02 0.00	29.87 -0.98 0.00	36.07 -1.20 0.00	46.34 -1.57 0.00	36.77 -1.20 0.00	42.92 -1.44 0.00	28.45 -0.93 0.00	23.12 -0.66 0.00	27.69 -0.70 0.00	27.90 -0.70 0.00	26.34 -0.70 0.00	24.06 -0.62 0.00	22.76 -0.61 0.00	21.86 -0.62 0.00	22.96 -0.72 0.00	26.26 -0.88 0.00	30.26 -1.08 0.00	41.37 -1.50 0.00	41.54 -1.51 0.00	37.71 -1.37 0.00	31.53 -1.06 0.00	27.54 -0.88 0.00
SITHE_IND_GS2 24170	31.62 -1.04 0.00	29.20 -0.94 0.00	30.80 -1.02 0.00	29.87 -0.98 0.00	36.07 -1.20 0.00	46.34 -1.57 0.00	36.77 -1.20 0.00	42.92 -1.44 0.00	28.45 -0.93 0.00	23.12 -0.66 0.00	27.69 -0.70 0.00	27.90 -0.70 0.00	26.34 -0.70 0.00	24.06 -0.62 0.00	22.76 -0.61 0.00	21.86 -0.62 0.00	22.96 -0.72 0.00	26.26 -0.88 0.00	30.26 -1.08 0.00	41.37 -1.50 0.00	41.54 -1.51 0.00	37.71 -1.37 0.00	31.53 -1.06 0.00	27.54 -0.88 0.00
SITHE_IND_GS3 24171	31.62 -1.04 0.00	29.20 -0.94 0.00	30.80 -1.02 0.00	29.87 -0.98 0.00	36.07 -1.20 0.00	46.34 -1.57 0.00	36.77 -1.20 0.00	42.92 -1.44 0.00	28.45 -0.93 0.00	23.12 -0.66 0.00	27.69 -0.70 0.00	27.90 -0.70 0.00	26.34 -0.70 0.00	24.06 -0.62 0.00	22.76 -0.61 0.00	21.86 -0.62 0.00	22.96 -0.72 0.00	26.26 -0.88 0.00	30.26 -1.08 0.00	41.37 -1.50 0.00	41.54 -1.51 0.00	37.71 -1.37 0.00	31.53 -1.06 0.00	27.54 -0.88 0.00
SITHE_IND_GS4 24172	31.62 -1.04 0.00	29.20 -0.94 0.00	30.80 -1.02 0.00	29.87 -0.98 0.00	36.07 -1.20 0.00	46.34 -1.57 0.00	36.77 -1.20 0.00	42.92 -1.44 0.00	28.45 -0.93 0.00	23.12 -0.66 0.00	27.69 -0.70 0.00	27.90 -0.70 0.00	26.34 -0.70 0.00	24.06 -0.62 0.00	22.76 -0.61 0.00	21.86 -0.62 0.00	22.96 -0.72 0.00	26.26 -0.88 0.00	30.26 -1.08 0.00	41.37 -1.50 0.00	41.54 -1.51 0.00	37.71 -1.37 0.00	31.53 -1.06 0.00	27.54 -0.88 0.00

SITHE____BATAVIA 24024	32.86 0.19 0.00	30.29 0.15 0.00	31.84 0.02 0.00	30.77 -0.08 0.00	37.39 0.12 0.00	47.87 -0.04 0.00	37.94 -0.04 0.00	43.82 -0.54 0.00	29.14 -0.24 0.00	23.39 -0.39 0.00	28.23 -0.16 0.00	28.45 -0.15 0.00	26.45 -0.59 0.00	24.38 -0.30 0.00	22.98 -0.39 0.00	22.05 -0.43 0.00	22.97 -0.71 0.00	26.01 -1.14 0.00	30.01 -1.33 0.00	41.20 -1.68 0.00	41.70 -1.35 0.00	37.89 -1.18 0.00	32.20 -0.38 0.00	28.10 -0.32 0.00
SITHE____INDEPEND 23800	31.62 -1.04 0.00	29.20 -0.94 0.00	30.80 -1.02 0.00	29.87 -0.97 0.00	36.07 -1.20 0.00	46.33 -1.57 0.00	36.77 -1.21 0.00	42.92 -1.45 0.00	28.45 -0.93 0.00	23.12 -0.66 0.00	27.69 -0.71 0.00	27.90 -0.70 0.00	26.35 -0.70 0.00	24.06 -0.63 0.00	22.75 -0.61 0.00	21.85 -0.63 0.00	22.96 -0.72 0.00	26.26 -0.88 0.00	30.27 -1.07 0.00	41.37 -1.50 0.00	41.55 -1.50 0.00	37.70 -1.37 0.00	31.53 -1.06 0.00	27.54 -0.88 0.00
SITHE____MASSENA 23902	33.43 0.39 -0.37	30.56 0.42 0.00	32.22 0.40 0.00	32.81 0.28 -1.69	38.02 0.36 -0.38	48.41 0.50 0.00	37.99 0.02 0.00	44.19 -0.17 0.00	29.36 -0.02 0.00	23.71 -0.08 0.00	28.28 -0.11 0.00	28.97 -0.09 -0.47	27.37 -0.14 -0.46	26.35 -0.09 -1.75	24.12 -0.09 -0.84	23.30 -0.11 -0.94	24.68 -0.15 -1.15	26.98 -0.16 0.00	31.29 -0.05 0.00	43.14 0.26 0.00	43.48 0.43 0.00	39.51 0.43 0.00	32.80 0.22 0.00	28.54 0.11 0.00
SITHE____OGDNSBRG 24021	34.54 0.77 -1.10	30.92 0.77 0.00	32.53 0.71 0.00	36.50 0.61 -5.04	39.18 0.76 -1.15	49.00 1.10 0.00	38.46 0.49 0.00	44.47 0.11 0.00	29.26 -0.12 0.00	23.51 -0.28 0.00	28.00 -0.39 0.00	29.65 -0.34 -1.40	28.06 -0.37 -1.38	29.64 -0.29 -5.25	25.58 -0.30 -2.51	24.95 -0.32 -2.80	26.76 -0.36 -3.44	26.77 -0.37 0.00	31.16 -0.18 0.00	43.43 0.56 0.00	44.02 0.96 0.00	39.96 0.89 0.00	33.13 0.55 0.00	28.77 0.34 0.00
SITHE____STERLING 23777	33.34 0.67 0.00	30.75 0.61 0.00	32.47 0.65 0.00	31.52 0.68 0.00	38.07 0.80 0.00	49.03 1.12 0.00	39.02 1.05 0.00	45.50 1.14 0.00	29.86 0.48 0.00	24.00 0.22 0.00	28.57 0.18 0.00	28.82 0.22 0.00	27.25 0.20 0.00	24.85 0.17 0.00	23.47 0.10 0.00	22.58 0.10 0.00	23.82 0.14 0.00	27.45 0.31 0.00	31.99 0.65 0.00	44.09 1.22 0.00	44.35 1.29 0.00	40.11 1.03 0.00	33.41 0.82 0.00	29.11 0.69 0.00
SLEIGHT__34_KV_TB1 80719	32.31 -0.35 0.00	29.79 -0.35 0.00	31.38 -0.44 0.00	30.40 -0.45 0.00	36.84 -0.42 0.00	47.37 -0.54 0.00	37.56 -0.41 0.00	43.65 -0.70 0.00	28.91 -0.47 0.00	23.32 -0.47 0.00	27.99 -0.40 0.00	28.21 -0.38 0.00	26.49 -0.55 0.00	24.25 -0.44 0.00	22.88 -0.49 0.00	21.95 -0.53 0.00	23.06 -0.62 0.00	26.34 -0.80 0.00	30.45 -0.89 0.00	41.74 -1.13 0.00	42.02 -1.03 0.00	38.14 -0.93 0.00	32.07 -0.51 0.00	27.97 -0.45 0.00
SOUTH CAIRO____GT 23612	34.14 1.47 0.00	31.50 1.36 0.00	33.20 1.39 0.00	32.24 1.39 0.00	38.90 1.63 0.00	50.09 2.18 0.00	39.89 1.92 0.00	46.59 2.23 0.00	30.53 1.15 0.00	24.49 0.71 0.00	29.01 0.62 0.00	29.14 0.55 0.00	27.58 0.53 0.00	25.13 0.45 0.00	23.82 0.44 0.00	22.96 0.49 0.00	24.35 0.67 0.00	28.18 1.04 0.00	32.83 1.49 0.00	45.18 2.30 0.00	45.32 2.27 0.00	41.14 2.06 0.00	34.23 1.65 0.00	29.79 1.37 0.00
SOUTH HAMPTN____IC 23720	41.48 1.02 -7.79	39.37 0.98 -8.25	33.05 1.13 -0.10	31.78 0.93 0.00	38.23 0.96 0.00	49.35 1.44 0.00	39.43 1.46 0.00	46.15 1.79 0.00	-4.88 1.34 35.60	0.18 0.86 24.46	3.96 1.35 25.78	21.82 1.27 8.05	14.00 1.19 14.24	7.58 0.95 18.05	17.55 0.97 6.79	21.88 1.11 1.70	23.44 1.27 1.51	27.49 1.57 1.23	32.17 1.62 0.79	44.39 1.95 0.44	44.73 1.75 0.07	40.77 1.71 0.01	34.40 1.82 0.00	29.99 1.76 0.19
SOUTHDOW_115KV_TB1 355954	34.37 1.70 0.00	31.71 1.57 0.00	33.52 1.70 0.00	32.45 1.60 0.00	39.44 2.17 0.00	50.45 2.55 0.00	40.09 2.12 0.00	46.81 2.45 0.00	31.29 1.91 0.00	25.20 1.42 0.00	30.41 2.03 0.00	30.68 2.09 0.00	28.62 1.57 0.00	26.19 1.51 0.00	24.62 1.25 0.00	23.66 1.19 0.00	24.79 1.12 0.00	28.06 0.92 0.00	32.21 0.87 0.00	43.81 0.93 0.00	44.19 1.14 0.00	39.86 0.79 0.00	33.66 1.08 0.00	29.38 0.96 0.00
SOUTHOLD_69_KV_BK 2 55809	41.13 0.67 -7.79	39.06 0.66 -8.25	32.67 0.75 -0.10	31.49 0.64 0.00	37.87 0.60 0.00	48.95 1.04 0.00	39.32 1.35 0.00	45.98 1.62 0.00	-4.96 1.26 35.60	-0.46 0.71 24.96	3.23 1.15 26.32	21.41 1.01 8.19	13.41 0.88 14.52	6.87 0.60 18.42	17.09 0.63 6.91	21.54 0.77 1.70	23.10 0.93 1.51	27.15 1.24 1.23	31.86 1.32 0.79	43.98 1.54 0.44	44.34 1.36 0.07	40.53 1.47 0.01	34.53 1.96 0.00	30.13 1.89 0.19
SOUTHOLD____IC 23719	41.13 0.67 -7.79	39.05 0.65 -8.25	32.69 0.77 -0.10	31.49 0.64 0.00	37.87 0.60 0.00	48.95 1.04 0.00	39.32 1.35 0.00	45.98 1.62 0.00	-4.94 1.29 35.60	-0.46 0.71 24.96	3.23 1.15 26.32	21.41 1.01 8.19	13.42 0.89 14.52	6.86 0.60 18.42	17.09 0.63 6.91	21.54 0.77 1.70	23.10 0.93 1.51	27.16 1.24 1.23	31.85 1.30 0.79	43.98 1.54 0.44	44.33 1.35 0.07	40.53 1.47 0.01	34.53 1.95 0.00	30.13 1.89 0.19
SOUTH_FORK_WT_PWR 323839	40.57 0.10 -7.79	38.54 0.15 -8.25	32.14 0.22 -0.10	31.01 0.16 0.00	37.25 -0.02 0.00	48.20 0.29 0.00	38.89 0.91 0.00	45.42 1.06 0.00	-5.26 0.97 35.60	-0.51 0.39 24.69	3.15 0.79 26.03	21.09 0.61 8.11	13.15 0.48 14.37	6.62 0.16 18.22	16.73 0.21 6.84	21.11 0.34 1.70	22.66 0.49 1.51	26.65 0.74 1.23	31.30 0.76 0.79	43.22 0.78 0.44	43.59 0.61 0.07	39.97 0.90 0.01	34.38 1.80 0.00	30.04 1.80 0.19
SPIERFLS_115KV_TB 1 80737	34.16 1.49 0.00	31.49 1.35 0.00	33.21 1.39 0.00	32.21 1.36 0.00	39.11 1.84 0.00	50.84 2.93 0.00	40.41 2.44 0.00	47.50 3.14 0.00	32.92 3.54 0.00	26.14 2.35 0.00	30.40 2.01 0.00	30.01 1.41 0.00	27.96 0.92 0.00	25.35 0.67 0.00	24.09 0.71 0.00	23.29 0.81 0.00	24.67 1.00 0.00	28.43 1.29 0.00	33.03 1.69 0.00	45.14 2.26 0.00	45.27 2.23 0.00	41.09 2.02 0.00	34.12 1.54 0.00	29.67 1.25 0.00
ST LAWRENCE____ 23600	32.66 -0.01 0.00	30.18 0.04 0.00	31.82 0.00 0.00	30.75 -0.10 0.00	37.17 -0.10 0.00	47.81 -0.10 0.00	37.70 -0.27 0.00	43.89 -0.47 0.00	29.10 -0.28 0.00	23.52 -0.26 0.00	28.06 -0.33 0.00	28.27 -0.32 0.00	26.69 -0.35 0.00	24.40 -0.28 0.00	23.10 -0.27 0.00	22.19 -0.29 0.00	23.35 -0.33 0.00	26.77 -0.37 0.00	31.02 -0.32 0.00	42.66 -0.21 0.00	42.97 -0.08 0.00	39.06 -0.01 0.00	32.45 -0.13 0.00	28.23 -0.19 0.00
STATE_CA_115KV_115_LB 55624	33.18 0.51 0.00	30.62 0.48 0.00	32.31 0.49 0.00	31.38 0.53 0.00	37.83 0.56 0.00	48.66 0.75 0.00	38.68 0.71 0.00	45.28 0.92 0.00	29.99 0.61 0.00	24.32 0.54 0.00	28.93 0.54 0.00	29.11 0.52 0.00	27.59 0.55 0.00	25.14 0.46 0.00	23.85 0.47 0.00	23.00 0.52 0.00	24.31 0.63 0.00	27.92 0.78 0.00	32.17 0.84 0.00	43.80 0.92 0.00	43.81 0.76 0.00	39.82 0.75 0.00	33.19 0.61 0.00	28.95 0.53 0.00

STATE_ST_34_KV_LOAD 55959	32.73 0.06 0.00	30.19 0.05 0.00	31.84 0.02 0.00	30.91 0.06 0.00	37.42 0.15 0.00	48.24 0.33 0.00	38.21 0.24 0.00	44.49 0.13 0.00	29.38 0.00 0.00	23.70 -0.08 0.00	28.33 -0.06 0.00	28.52 -0.07 0.00	26.89 -0.15 0.00	24.55 -0.14 0.00	23.19 -0.17 0.00	22.28 -0.19 0.00	23.46 -0.22 0.00	26.92 -0.22 0.00	31.19 -0.15 0.00	42.82 -0.06 0.00	43.09 0.04 0.00	39.18 0.11 0.00	32.78 0.19 0.00	28.65 0.23 0.00
STATION_5_MISC_HYD 23604	32.42 -0.25 0.00	29.89 -0.25 0.00	31.46 -0.36 0.00	30.45 -0.40 0.00	36.91 -0.36 0.00	47.30 -0.61 0.00	37.50 -0.48 0.00	43.53 -0.83 0.00	28.98 -0.39 0.00	23.42 -0.37 0.00	28.22 -0.17 0.00	28.49 -0.10 0.00	26.66 -0.38 0.00	24.48 -0.20 0.00	23.11 -0.26 0.00	22.18 -0.30 0.00	23.20 -0.48 0.00	26.38 -0.77 0.00	30.34 -1.00 0.00	41.44 -1.43 0.00	41.72 -1.33 0.00	37.88 -1.19 0.00	31.98 -0.61 0.00	27.91 -0.51 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.52 -0.15 0.00	30.00 -0.14 0.00	31.61 -0.21 0.00	30.63 -0.22 0.00	37.12 -0.15 0.00	47.62 -0.29 0.00	37.82 -0.15 0.00	43.96 -0.40 0.00	29.16 -0.23 0.00	23.53 -0.26 0.00	28.23 -0.16 0.00	28.44 -0.15 0.00	26.70 -0.34 0.00	24.42 -0.27 0.00	23.06 -0.32 0.00	22.11 -0.36 0.00	23.24 -0.44 0.00	26.53 -0.61 0.00	30.64 -0.70 0.00	41.93 -0.95 0.00	42.20 -0.85 0.00	38.29 -0.78 0.00	32.22 -0.36 0.00	28.12 -0.30 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.23 -0.43 0.00	29.73 -0.41 0.00	31.29 -0.53 0.00	30.29 -0.56 0.00	36.72 -0.55 0.00	47.05 -0.85 0.00	37.31 -0.66 0.00	43.33 -1.03 0.00	28.83 -0.55 0.00	23.31 -0.48 0.00	28.06 -0.33 0.00	28.32 -0.28 0.00	26.53 -0.51 0.00	24.32 -0.36 0.00	22.96 -0.42 0.00	22.01 -0.47 0.00	23.09 -0.59 0.00	26.27 -0.88 0.00	30.22 -1.11 0.00	41.29 -1.58 0.00	41.57 -1.48 0.00	37.73 -1.34 0.00	31.82 -0.76 0.00	27.77 -0.65 0.00
STA_56__34_KV_BUS2 355983	32.23 -0.43 0.00	29.73 -0.41 0.00	31.29 -0.53 0.00	30.29 -0.56 0.00	36.72 -0.55 0.00	47.05 -0.85 0.00	37.31 -0.66 0.00	43.33 -1.03 0.00	28.83 -0.55 0.00	23.31 -0.48 0.00	28.06 -0.33 0.00	28.32 -0.28 0.00	26.53 -0.51 0.00	24.32 -0.36 0.00	22.96 -0.42 0.00	22.01 -0.47 0.00	23.09 -0.59 0.00	26.27 -0.88 0.00	30.22 -1.11 0.00	41.29 -1.58 0.00	41.57 -1.48 0.00	37.73 -1.34 0.00	31.82 -0.76 0.00	27.77 -0.65 0.00
STA_67__115KV_BK2 355882	32.36 -0.31 0.00	29.83 -0.31 0.00	31.40 -0.42 0.00	30.39 -0.46 0.00	36.84 -0.43 0.00	47.20 -0.71 0.00	37.41 -0.57 0.00	43.42 -0.94 0.00	28.91 -0.47 0.00	23.37 -0.41 0.00	28.16 -0.23 0.00	28.42 -0.17 0.00	26.62 -0.43 0.00	24.41 -0.28 0.00	23.03 -0.34 0.00	22.09 -0.39 0.00	23.16 -0.52 0.00	26.33 -0.81 0.00	30.27 -1.07 0.00	41.34 -1.54 0.00	41.63 -1.42 0.00	37.79 -1.28 0.00	31.91 -0.67 0.00	27.85 -0.57 0.00
STA_7__115KV_9TRANS 80674	32.56 -0.11 0.00	30.01 -0.13 0.00	31.59 -0.23 0.00	30.57 -0.27 0.00	37.06 -0.21 0.00	47.50 -0.40 0.00	37.66 -0.31 0.00	43.73 -0.63 0.00	29.10 -0.28 0.00	23.51 -0.27 0.00	28.32 -0.07 0.00	28.59 -0.01 0.00	26.77 -0.27 0.00	24.55 -0.13 0.00	23.18 -0.19 0.00	22.23 -0.25 0.00	23.29 -0.38 0.00	26.50 -0.64 0.00	30.50 -0.84 0.00	41.67 -1.20 0.00	41.97 -1.09 0.00	38.09 -0.98 0.00	32.14 -0.44 0.00	28.03 -0.38 0.00
STA_82__115KV_TB1 80780	32.36 -0.31 0.00	29.83 -0.31 0.00	31.41 -0.41 0.00	30.39 -0.46 0.00	36.84 -0.42 0.00	47.21 -0.70 0.00	37.42 -0.55 0.00	43.44 -0.92 0.00	28.90 -0.48 0.00	23.37 -0.42 0.00	28.15 -0.24 0.00	28.42 -0.17 0.00	26.61 -0.44 0.00	24.40 -0.28 0.00	23.03 -0.34 0.00	22.08 -0.40 0.00	23.16 -0.52 0.00	26.32 -0.82 0.00	30.27 -1.08 0.00	41.34 -1.53 0.00	41.63 -1.42 0.00	37.80 -1.27 0.00	31.91 -0.67 0.00	27.85 -0.57 0.00
STEEL__WIND 323596	32.52 -0.15 0.00	29.98 -0.16 0.00	31.53 -0.29 0.00	30.50 -0.35 0.00	37.05 -0.22 0.00	47.21 -0.70 0.00	37.35 -0.63 0.00	43.30 -1.07 0.00	29.08 -0.30 0.00	23.46 -0.32 0.00	28.44 0.05 0.00	28.72 0.13 0.00	26.73 -0.31 0.00	24.64 -0.05 0.00	23.22 -0.15 0.00	22.31 -0.17 0.00	23.27 -0.40 0.00	26.29 -0.85 0.00	30.08 -1.26 0.00	40.90 -1.97 0.00	41.24 -1.82 0.00	37.46 -1.62 0.00	31.92 -0.66 0.00	27.88 -0.54 0.00
STEPHTWN_115KV_BK_2 55603	33.54 0.87 0.00	30.82 0.69 0.00	32.51 0.69 0.00	31.61 0.76 0.00	38.14 0.87 0.00	49.07 1.17 0.00	39.07 1.10 0.00	45.64 1.29 0.00	30.21 0.83 0.00	24.46 0.67 0.00	29.10 0.71 0.00	29.22 0.63 0.00	27.69 0.64 0.00	25.22 0.54 0.00	23.96 0.59 0.00	23.09 0.62 0.00	24.42 0.74 0.00	28.19 1.05 0.00	32.50 1.16 0.00	44.25 1.37 0.00	44.14 1.09 0.00	40.11 1.03 0.00	33.47 0.89 0.00	29.20 0.78 0.00
STEUBEN_REC_LFGE 323667	32.40 -0.26 0.00	30.32 0.18 0.00	32.05 0.23 0.00	31.13 0.28 0.00	37.75 0.49 0.00	48.14 0.23 0.00	38.26 0.29 0.00	44.63 0.27 0.00	29.64 0.26 0.00	23.75 -0.03 0.00	28.33 -0.06 0.00	28.58 -0.01 0.00	26.83 -0.22 0.00	24.51 -0.18 0.00	22.94 -0.43 0.00	22.09 -0.39 0.00	23.48 -0.20 0.00	26.88 -0.26 0.00	31.35 0.01 0.00	43.18 0.30 0.00	43.61 0.56 0.00	39.52 0.45 0.00	33.37 0.78 0.00	29.16 0.74 0.00
STILLWATER__SOLAR 323814	33.91 1.25 0.00	31.26 1.12 0.00	32.98 1.17 0.00	32.01 1.16 0.00	38.83 1.56 0.00	50.27 2.36 0.00	39.94 1.97 0.00	46.74 2.38 0.00	31.14 1.76 0.00	25.01 1.23 0.00	29.63 1.24 0.00	29.74 1.15 0.00	27.90 0.85 0.00	25.32 0.63 0.00	24.03 0.66 0.00	23.22 0.74 0.00	24.57 0.90 0.00	28.32 1.17 0.00	32.84 1.50 0.00	44.87 2.00 0.00	44.96 1.91 0.00	40.80 1.73 0.00	33.96 1.38 0.00	29.57 1.15 0.00
STONY__BROOK 24151	42.13 1.67 -7.79	39.88 1.49 -8.25	33.60 1.68 -0.10	32.35 1.50 0.00	38.93 1.66 0.00	50.13 2.22 0.00	39.79 1.82 0.00	46.66 2.30 0.00	-4.56 1.67 35.60	26.66 1.25 -1.62	32.36 1.78 -2.19	29.90 1.70 0.40	29.14 1.66 -0.44	27.48 1.45 -1.34	24.39 1.45 0.43	22.32 1.54 1.70	23.89 1.72 1.51	27.99 2.07 1.23	32.63 2.09 0.79	44.96 2.52 0.44	45.32 2.34 0.07	41.31 2.25 0.01	34.51 1.93 0.00	30.06 1.83 0.19
STURGEON_POOL_HYD 23609	34.11 1.45 0.00	31.38 1.24 0.00	33.19 1.38 0.00	32.23 1.39 0.00	38.98 1.71 0.00	50.16 2.25 0.00	39.94 1.97 0.00	46.93 2.57 0.00	31.08 1.70 0.00	25.10 1.31 0.00	29.88 1.49 0.00	30.06 1.47 0.00	28.48 1.44 0.00	25.96 1.28 0.00	24.64 1.27 0.00	23.75 1.27 0.00	25.11 1.43 0.00	28.80 1.65 0.00	33.12 1.78 0.00	45.17 2.29 0.00	45.30 2.25 0.00	41.02 1.94 0.00	34.17 1.58 0.00	29.78 1.36 0.00
ST_LAW_115_BK7_LBMP 345037	32.68 0.01 0.00	30.20 0.06 0.00	31.84 0.03 0.00	30.78 -0.07 0.00	37.19 -0.08 0.00	47.83 -0.08 0.00	37.69 -0.29 0.00	43.86 -0.50 0.00	29.08 -0.30 0.00	23.51 -0.27 0.00	28.04 -0.35 0.00	28.26 -0.33 0.00	26.68 -0.37 0.00	24.38 -0.30 0.00	23.09 -0.28 0.00	22.18 -0.30 0.00	23.34 -0.34 0.00	26.76 -0.38 0.00	30.99 -0.34 0.00	42.66 -0.22 0.00	42.96 -0.09 0.00	39.06 -0.01 0.00	32.45 -0.13 0.00	28.23 -0.19 0.00

ST_LAW_115_BK8_LBMP 345038	32.68 0.01 0.00	30.20 0.06 0.00	31.84 0.03 0.00	30.78 -0.07 0.00	37.19 -0.08 0.00	47.83 -0.08 0.00	37.69 -0.29 0.00	43.86 -0.50 0.00	29.08 -0.30 0.00	23.51 -0.27 0.00	28.04 -0.35 0.00	28.26 -0.33 0.00	26.68 -0.37 0.00	24.38 -0.30 0.00	23.09 -0.28 0.00	22.18 -0.30 0.00	23.34 -0.34 0.00	26.76 -0.38 0.00	30.99 -0.34 0.00	42.66 -0.22 0.00	42.96 -0.09 0.00	39.06 -0.01 0.00	32.45 -0.13 0.00	28.23 -0.19 0.00
ST_LAW_230_BK5_LBMP 345035	32.66 -0.01 0.00	30.18 0.04 0.00	31.82 0.00 0.00	30.75 -0.10 0.00	37.17 -0.10 0.00	47.81 -0.10 0.00	37.70 -0.27 0.00	43.89 -0.47 0.00	29.10 -0.28 0.00	23.52 -0.26 0.00	28.06 -0.33 0.00	28.27 -0.32 0.00	26.69 -0.35 0.00	24.40 -0.28 0.00	23.10 -0.27 0.00	22.19 -0.29 0.00	23.35 -0.33 0.00	26.77 -0.37 0.00	31.02 -0.32 0.00	42.66 -0.21 0.00	42.97 -0.08 0.00	39.06 -0.01 0.00	32.45 -0.13 0.00	28.23 -0.19 0.00
ST_LAW_230_BK6_LBMP 345036	32.66 -0.01 0.00	30.18 0.04 0.00	31.82 0.00 0.00	30.75 -0.10 0.00	37.17 -0.10 0.00	47.81 -0.10 0.00	37.70 -0.27 0.00	43.89 -0.47 0.00	29.10 -0.28 0.00	23.52 -0.26 0.00	28.06 -0.33 0.00	28.27 -0.32 0.00	26.69 -0.35 0.00	24.40 -0.28 0.00	23.10 -0.27 0.00	22.19 -0.29 0.00	23.35 -0.33 0.00	26.77 -0.37 0.00	31.02 -0.32 0.00	42.66 -0.21 0.00	42.97 -0.08 0.00	39.06 -0.01 0.00	32.45 -0.13 0.00	28.23 -0.19 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.90 1.18 0.94	30.02 1.01 1.12	32.97 1.15 0.00	32.04 1.19 0.00	38.75 1.48 0.00	49.85 1.94 0.00	39.68 1.71 0.00	46.53 2.17 0.00	30.81 1.43 0.00	24.86 1.08 0.00	29.59 1.20 0.00	29.79 1.19 0.00	28.22 1.17 0.00	25.73 1.05 0.00	24.41 1.04 0.00	23.53 1.06 0.00	24.86 1.18 0.00	28.52 1.38 0.00	32.85 1.51 0.00	44.78 1.91 0.00	44.91 1.86 0.00	40.67 1.60 0.00	33.91 1.33 0.00	29.59 1.17 0.00
SWANROAD_115KV_TB1 355699	31.53 -1.14 0.00	29.07 -1.07 0.00	30.56 -1.25 0.00	29.51 -1.34 0.00	35.84 -1.43 0.00	45.69 -2.22 0.00	36.06 -1.91 0.00	41.58 -2.78 0.00	27.93 -1.46 0.00	22.61 -1.17 0.00	27.50 -0.89 0.00	27.82 -0.77 0.00	25.83 -1.21 0.00	23.81 -0.88 0.00	22.44 -0.93 0.00	21.50 -0.98 0.00	22.44 -1.23 0.00	25.24 -1.90 0.00	28.79 -2.55 0.00	39.10 -3.77 0.00	39.46 -3.59 0.00	35.94 -3.13 0.00	30.81 -1.77 0.00	26.93 -1.49 0.00
SYNERGY___BIOGAS 323694	32.85 0.18 0.00	30.28 0.13 0.00	31.84 0.03 0.00	30.77 -0.08 0.00	37.39 0.12 0.00	47.86 -0.05 0.00	37.93 -0.04 0.00	43.82 -0.54 0.00	29.12 -0.26 0.00	23.39 -0.39 0.00	28.22 -0.17 0.00	28.43 -0.16 0.00	26.45 -0.59 0.00	24.34 -0.34 0.00	22.94 -0.43 0.00	21.97 -0.51 0.00	22.98 -0.70 0.00	26.01 -1.14 0.00	30.00 -1.34 0.00	41.20 -1.68 0.00	41.70 -1.35 0.00	37.90 -1.18 0.00	32.20 -0.38 0.00	28.10 -0.32 0.00
SYRACUSE___ENERGY_ST1 323597	32.47 -0.20 0.00	29.96 -0.18 0.00	31.57 -0.25 0.00	30.64 -0.21 0.00	37.05 -0.22 0.00	47.64 -0.27 0.00	37.84 -0.13 0.00	44.14 -0.22 0.00	29.19 -0.19 0.00	23.63 -0.15 0.00	28.27 -0.11 0.00	28.48 -0.11 0.00	26.89 -0.15 0.00	24.55 -0.14 0.00	23.21 -0.16 0.00	22.31 -0.16 0.00	23.48 -0.19 0.00	26.91 -0.23 0.00	31.10 -0.23 0.00	42.57 -0.31 0.00	42.78 -0.27 0.00	38.79 -0.28 0.00	32.43 -0.16 0.00	28.31 -0.11 0.00
SYRACUSE___ENERGY_ST2 323598	32.47 -0.20 0.00	29.96 -0.18 0.00	31.57 -0.25 0.00	30.64 -0.21 0.00	37.05 -0.22 0.00	47.64 -0.27 0.00	37.84 -0.13 0.00	44.14 -0.22 0.00	29.19 -0.19 0.00	23.63 -0.15 0.00	28.27 -0.11 0.00	28.48 -0.11 0.00	26.89 -0.15 0.00	24.55 -0.14 0.00	23.21 -0.16 0.00	22.31 -0.16 0.00	23.48 -0.19 0.00	26.91 -0.23 0.00	31.10 -0.23 0.00	42.57 -0.31 0.00	42.78 -0.27 0.00	38.79 -0.28 0.00	32.43 -0.16 0.00	28.31 -0.11 0.00
SYRACUSE___POWER 24017	32.48 -0.18 0.00	29.96 -0.17 0.00	31.60 -0.22 0.00	30.67 -0.18 0.00	37.09 -0.18 0.00	47.68 -0.23 0.00	37.87 -0.11 0.00	44.19 -0.17 0.00	29.22 -0.16 0.00	23.65 -0.13 0.00	28.30 -0.09 0.00	28.52 -0.08 0.00	26.92 -0.12 0.00	24.58 -0.11 0.00	23.23 -0.14 0.00	22.32 -0.15 0.00	23.50 -0.18 0.00	26.93 -0.21 0.00	31.12 -0.21 0.00	42.59 -0.29 0.00	42.80 -0.25 0.00	38.81 -0.27 0.00	32.44 -0.14 0.00	28.32 -0.10 0.00
TALLMAN___138KV_BK151 55660	32.58 1.34 1.43	29.57 1.14 1.70	33.12 1.30 0.00	32.20 1.35 0.00	38.97 1.70 0.00	50.14 2.23 0.00	39.91 1.94 0.00	46.84 2.48 0.00	31.04 1.65 0.00	25.05 1.27 0.00	29.82 1.43 0.00	30.01 1.42 0.00	28.45 1.40 0.00	25.94 1.26 0.00	24.61 1.24 0.00	23.73 1.25 0.00	25.06 1.38 0.00	28.71 1.57 0.00	33.04 1.70 0.00	45.01 2.14 0.00	45.14 2.09 0.00	40.85 1.78 0.00	34.05 1.47 0.00	29.74 1.32 0.00
TEALLAVE_115KV_TB7 355573	32.31 -0.36 0.00	29.81 -0.33 0.00	31.43 -0.39 0.00	30.50 -0.35 0.00	36.87 -0.40 0.00	47.37 -0.53 0.00	37.63 -0.34 0.00	43.92 -0.44 0.00	29.07 -0.31 0.00	23.56 -0.23 0.00	28.20 -0.19 0.00	28.41 -0.18 0.00	26.82 -0.22 0.00	24.49 -0.19 0.00	23.16 -0.21 0.00	22.25 -0.23 0.00	23.41 -0.27 0.00	26.81 -0.33 0.00	30.96 -0.38 0.00	42.32 -0.55 0.00	42.53 -0.52 0.00	38.55 -0.53 0.00	32.23 -0.35 0.00	28.15 -0.27 0.00
TELGRAPH_34_KV_EAST 80808	32.23 -0.44 0.00	29.71 -0.43 0.00	31.24 -0.58 0.00	30.19 -0.66 0.00	36.66 -0.61 0.00	46.83 -1.08 0.00	37.03 -0.95 0.00	42.75 -1.61 0.00	28.60 -0.78 0.00	23.09 -0.69 0.00	27.99 -0.40 0.00	28.27 -0.33 0.00	26.28 -0.77 0.00	24.20 -0.49 0.00	22.80 -0.57 0.00	21.84 -0.64 0.00	22.83 -0.85 0.00	25.76 -1.38 0.00	29.51 -1.83 0.00	40.24 -2.64 0.00	40.65 -2.40 0.00	36.97 -2.10 0.00	31.56 -1.02 0.00	27.56 -0.86 0.00
TEMPLE___115KV_TB 2 55572	32.32 -0.35 0.00	29.82 -0.33 0.00	31.44 -0.38 0.00	30.51 -0.34 0.00	36.88 -0.39 0.00	47.40 -0.51 0.00	37.65 -0.32 0.00	43.95 -0.41 0.00	29.09 -0.30 0.00	23.58 -0.21 0.00	28.22 -0.17 0.00	28.43 -0.16 0.00	26.85 -0.20 0.00	24.51 -0.17 0.00	23.17 -0.19 0.00	22.27 -0.21 0.00	23.43 -0.25 0.00	26.83 -0.31 0.00	30.96 -0.38 0.00	42.34 -0.54 0.00	42.53 -0.52 0.00	38.55 -0.52 0.00	32.24 -0.34 0.00	28.16 -0.25 0.00
TIANA____69_KV_BK 1 55817	41.58 1.12 -7.79	39.47 1.08 -8.25	33.14 1.22 -0.10	31.87 1.02 0.00	38.34 1.08 0.00	49.46 1.55 0.00	39.46 1.49 0.00	46.21 1.85 0.00	-4.87 1.36 35.60	-0.24 0.90 24.93	3.51 1.41 26.29	21.75 1.35 8.18	13.81 1.27 14.50	7.33 1.05 18.40	17.53 1.06 6.90	21.98 1.21 1.70	23.54 1.37 1.51	27.59 1.67 1.23	32.29 1.74 0.79	44.53 2.09 0.44	44.88 1.90 0.07	40.86 1.80 0.01	34.37 1.78 0.00	29.95 1.71 0.19
TILDEN___115KV_TB1 80814	32.48 -0.18 0.00	29.96 -0.17 0.00	31.60 -0.22 0.00	30.67 -0.18 0.00	37.09 -0.18 0.00	47.68 -0.23 0.00	37.87 -0.11 0.00	44.19 -0.17 0.00	29.22 -0.16 0.00	23.65 -0.13 0.00	28.30 -0.09 0.00	28.52 -0.08 0.00	26.92 -0.12 0.00	24.58 -0.11 0.00	23.23 -0.14 0.00	22.32 -0.15 0.00	23.50 -0.18 0.00	26.93 -0.21 0.00	31.12 -0.21 0.00	42.59 -0.29 0.00	42.80 -0.25 0.00	38.81 -0.27 0.00	32.44 -0.14 0.00	28.32 -0.10 0.00

TRIGEN___CC 323695	42.18 1.71 -7.80	39.83 1.44 -8.25	33.56 1.64 -0.10	32.42 1.57 0.00	39.12 1.85 0.00	50.34 2.43 0.00	40.01 2.03 0.00	46.97 2.61 0.00	-4.36 1.86 35.60	23.36 1.50 1.93	28.72 1.95 1.62	29.04 1.88 1.44	27.34 1.86 1.56	25.03 1.64 1.30	23.70 1.63 1.30	22.44 1.67 1.70	23.98 1.81 1.51	28.03 2.12 1.23	32.79 2.25 0.79	45.13 2.69 0.44	45.58 2.60 0.07	41.32 2.26 0.01	34.45 1.87 0.00	30.00 1.76 0.19
TRINITY___115KV___4 BK 55933	33.05 0.38 0.00	30.50 0.36 0.00	32.19 0.37 0.00	31.26 0.41 0.00	37.68 0.41 0.00	48.45 0.54 0.00	38.51 0.54 0.00	45.08 0.72 0.00	29.86 0.48 0.00	24.23 0.45 0.00	28.82 0.43 0.00	29.00 0.41 0.00	27.51 0.47 0.00	25.06 0.37 0.00	23.77 0.40 0.00	22.93 0.45 0.00	24.22 0.54 0.00	27.81 0.67 0.00	32.03 0.69 0.00	43.60 0.72 0.00	43.61 0.56 0.00	39.65 0.57 0.00	33.06 0.48 0.00	28.84 0.42 0.00
UNION___PROCESSING_DRP 323587	32.36 -0.31 0.00	29.84 -0.30 0.00	31.41 -0.41 0.00	30.41 -0.44 0.00	36.85 -0.42 0.00	47.21 -0.70 0.00	37.42 -0.55 0.00	43.45 -0.91 0.00	28.91 -0.47 0.00	23.37 -0.42 0.00	28.15 -0.24 0.00	28.42 -0.17 0.00	26.61 -0.43 0.00	24.41 -0.28 0.00	23.03 -0.34 0.00	22.08 -0.40 0.00	23.16 -0.52 0.00	26.32 -0.82 0.00	30.27 -1.07 0.00	41.35 -1.52 0.00	41.65 -1.41 0.00	37.81 -1.26 0.00	31.93 -0.65 0.00	27.86 -0.56 0.00
UPPER HUDSON___HYD 24058	34.16 1.49 0.00	31.49 1.35 0.00	33.21 1.39 0.00	32.21 1.36 0.00	39.11 1.84 0.00	50.84 2.93 0.00	40.41 2.44 0.00	47.50 3.14 0.00	32.92 3.54 0.00	26.14 2.35 0.00	30.40 2.01 0.00	30.00 1.41 0.00	27.96 0.91 0.00	25.35 0.67 0.00	24.08 0.71 0.00	23.29 0.81 0.00	24.67 1.00 0.00	28.43 1.29 0.00	33.02 1.69 0.00	45.14 2.26 0.00	45.27 2.22 0.00	41.09 2.02 0.00	34.12 1.54 0.00	29.67 1.25 0.00
UPPER RAQUET___HYD 24056	33.89 -0.35 -1.57	29.93 -0.21 0.00	31.54 -0.28 0.00	37.61 -0.40 -7.17	38.41 -0.49 -1.63	47.38 -0.53 0.00	37.20 -0.77 0.00	43.17 -1.19 0.00	28.55 -0.83 0.00	22.92 -0.86 0.00	27.27 -1.12 0.00	29.54 -1.05 -2.00	27.98 -1.03 -1.97	31.24 -0.91 -7.47	26.03 -0.91 -3.58	25.56 -0.89 -3.98	27.62 -0.95 -4.89	26.13 -1.01 0.00	30.49 -0.85 0.00	42.38 -0.50 0.00	42.82 -0.23 0.00	38.82 -0.25 0.00	32.11 -0.47 0.00	27.88 -0.54 0.00
VALLEY44_115KV_TB2 355964	33.42 0.75 0.00	30.84 0.69 0.00	32.59 0.77 0.00	31.63 0.78 0.00	38.40 1.13 0.00	48.88 0.97 0.00	38.69 0.72 0.00	45.21 0.85 0.00	30.24 0.86 0.00	24.40 0.62 0.00	29.39 1.00 0.00	29.71 1.12 0.00	27.88 0.84 0.00	25.63 0.94 0.00	24.12 0.75 0.00	23.11 0.64 0.00	24.25 0.57 0.00	27.43 0.29 0.00	31.40 0.06 0.00	42.69 -0.19 0.00	43.01 -0.04 0.00	38.85 -0.22 0.00	32.96 0.38 0.00	28.94 0.52 0.00
VALLEY___115KV_TB 1-4 80826	32.45 -0.22 0.00	29.88 -0.26 0.00	31.61 -0.21 0.00	30.73 -0.11 0.00	37.31 0.04 0.00	48.07 0.16 0.00	38.36 0.39 0.00	44.56 0.20 0.00	28.92 -0.46 0.00	23.04 -0.74 0.00	27.22 -1.18 0.00	27.31 -1.28 0.00	26.20 -0.84 0.00	23.85 -0.83 0.00	22.62 -0.75 0.00	21.95 -0.52 0.00	23.18 -0.50 0.00	26.82 -0.32 0.00	31.43 0.08 0.00	43.18 0.30 0.00	43.31 0.26 0.00	39.37 0.30 0.00	32.84 0.26 0.00	28.58 0.16 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.31 1.64 0.00	31.58 1.44 0.00	33.38 1.56 0.00	32.42 1.57 0.00	39.25 1.98 0.00	50.60 2.70 0.00	40.20 2.23 0.00	46.96 2.60 0.00	30.99 1.61 0.00	24.99 1.20 0.00	29.79 1.40 0.00	29.93 1.34 0.00	28.27 1.23 0.00	25.75 1.07 0.00	24.35 0.98 0.00	23.40 0.92 0.00	24.64 0.96 0.00	28.44 1.30 0.00	33.00 1.66 0.00	45.07 2.19 0.00	45.22 2.16 0.00	40.97 1.90 0.00	34.22 1.64 0.00	29.85 1.43 0.00
VISCHER___FERRY HYD 24020	33.43 0.76 0.00	30.80 0.66 0.00	32.52 0.70 0.00	31.55 0.70 0.00	38.12 0.85 0.00	49.14 1.23 0.00	39.04 1.07 0.00	45.73 1.37 0.00	30.32 0.94 0.00	24.51 0.73 0.00	29.10 0.71 0.00	29.24 0.64 0.00	27.66 0.61 0.00	25.14 0.46 0.00	23.86 0.49 0.00	23.02 0.55 0.00	24.33 0.65 0.00	27.99 0.85 0.00	32.29 0.95 0.00	44.07 1.19 0.00	44.09 1.04 0.00	40.08 1.01 0.00	33.41 0.83 0.00	29.11 0.69 0.00
V_A_10_SYNC_DSASP 323832	32.01 -0.66 0.00	29.53 -0.61 0.00	31.07 -0.75 0.00	30.04 -0.81 0.00	36.44 -0.83 0.00	46.53 -1.38 0.00	36.78 -1.20 0.00	42.58 -1.78 0.00	28.55 -0.83 0.00	23.08 -0.70 0.00	27.97 -0.42 0.00	28.28 -0.31 0.00	26.38 -0.66 0.00	24.30 -0.38 0.00	22.92 -0.45 0.00	22.00 -0.48 0.00	22.94 -0.73 0.00	25.94 -1.21 0.00	29.64 -1.70 0.00	40.33 -2.55 0.00	40.61 -2.44 0.00	36.92 -2.15 0.00	31.41 -1.17 0.00	27.45 -0.97 0.00
V_CMM_10_SYNC_DSASP 323787	32.86 0.19 0.00	30.37 0.23 0.00	32.02 0.21 0.00	30.94 0.09 0.00	37.41 0.14 0.00	48.11 0.20 0.00	37.90 -0.07 0.00	44.10 -0.26 0.00	29.25 -0.13 0.00	23.64 -0.14 0.00	28.20 -0.18 0.00	28.41 -0.18 0.00	26.82 -0.23 0.00	24.52 -0.16 0.00	23.21 -0.16 0.00	22.30 -0.18 0.00	23.45 -0.22 0.00	26.89 -0.25 0.00	31.16 -0.18 0.00	42.87 0.00 0.00	43.18 0.13 0.00	39.26 0.19 0.00	32.61 0.03 0.00	28.37 -0.05 0.00
V_CMP_10_SYNC_DSASP 323788	22.86 -0.38 9.44	29.93 -0.21 0.00	31.60 -0.22 0.00	-12.94 -0.54 43.26	26.78 -0.64 9.85	47.53 -0.38 0.00	37.74 -0.23 0.00	44.02 -0.34 0.00	28.79 -0.59 0.00	23.33 -0.46 0.00	27.59 -0.80 0.00	15.61 -0.91 12.07	14.27 -0.89 11.87	-21.23 -0.84 45.07	1.01 -0.80 21.57	-2.32 -0.80 23.99	-6.71 -0.87 29.53	26.38 -0.76 0.00	30.80 -0.54 0.00	43.18 0.31 0.00	43.98 0.93 0.00	40.07 1.00 0.00	32.98 0.40 0.00	28.50 0.08 0.00
V_D_10_SYNC_DSASP 323841	33.41 0.39 -0.35	30.55 0.41 0.00	32.22 0.40 0.00	32.73 0.28 -1.61	38.00 0.36 -0.37	48.40 0.49 0.00	38.00 0.02 0.00	44.19 -0.17 0.00	29.36 -0.02 0.00	23.71 -0.08 0.00	28.28 -0.11 0.00	28.95 -0.09 -0.45	27.35 -0.14 -0.44	26.27 -0.09 -1.67	24.08 -0.09 -0.80	23.26 -0.11 -0.89	24.63 -0.15 -1.10	26.98 -0.16 0.00	31.29 -0.05 0.00	43.14 0.26 0.00	43.47 0.42 0.00	39.50 0.43 0.00	32.80 0.22 0.00	28.54 0.11 0.00
V_E_10_SYNC_DSASP 323830	33.42 0.75 0.00	30.90 0.76 0.00	32.73 0.91 0.00	31.85 1.00 0.00	39.53 2.26 0.00	51.39 3.48 0.00	41.40 3.43 0.00	50.69 6.33 0.00	31.37 1.99 0.00	24.79 1.00 0.00	29.05 0.66 0.00	28.75 0.16 0.00	27.19 0.14 0.00	24.74 0.06 0.00	23.16 -0.21 0.00	22.38 -0.10 0.00	23.84 0.17 0.00	27.87 0.72 0.00	33.41 2.07 0.00	46.74 3.86 0.00	47.22 4.17 0.00	42.67 3.60 0.00	35.68 3.10 0.00	31.07 2.65 0.00
V_F_30_NSYNC___DSASP 323816	33.97 1.30 0.00	31.30 1.16 0.00	33.03 1.21 0.00	32.05 1.20 0.00	38.92 1.65 0.00	50.39 2.49 0.00	40.05 2.07 0.00	46.85 2.50 0.00	31.18 1.80 0.00	25.06 1.27 0.00	29.74 1.34 0.00	29.88 1.28 0.00	28.00 0.96 0.00	25.40 0.71 0.00	24.11 0.73 0.00	23.31 0.83 0.00	24.65 0.97 0.00	28.40 1.25 0.00	32.91 1.58 0.00	44.98 2.10 0.00	45.06 2.01 0.00	40.88 1.81 0.00	34.03 1.45 0.00	29.63 1.21 0.00



V_F_30_SYNC_DSASP 323786	33.17 0.50 0.00	30.62 0.48 0.00	32.31 0.49 0.00	31.38 0.53 0.00	37.83 0.56 0.00	48.66 0.75 0.00	38.68 0.71 0.00	45.27 0.91 0.00	29.98 0.60 0.00	24.32 0.54 0.00	28.93 0.54 0.00	29.10 0.51 0.00	27.59 0.55 0.00	25.14 0.45 0.00	23.84 0.47 0.00	23.00 0.52 0.00	24.30 0.63 0.00	27.91 0.77 0.00	32.17 0.83 0.00	43.80 0.92 0.00	43.81 0.76 0.00	39.82 0.75 0.00	33.19 0.60 0.00	28.95 0.53 0.00
V_XM_10_SYNC_DSASP 323789	22.86 -0.38 9.44	29.93 -0.21 0.00	31.60 -0.22 0.00	-12.94 -0.54 43.26	26.78 -0.64 9.85	47.53 -0.38 0.00	37.74 -0.23 0.00	44.02 -0.34 0.00	28.79 -0.59 0.00	23.33 -0.46 0.00	27.59 -0.80 0.00	15.61 -0.91 12.07	14.27 -0.89 11.87	-21.23 -0.84 45.07	1.01 -0.80 21.57	-2.32 -0.80 23.99	-6.71 -0.87 29.53	26.38 -0.76 0.00	30.80 -0.54 0.00	43.18 0.31 0.00	43.98 0.93 0.00	40.07 1.00 0.00	32.98 0.40 0.00	28.50 0.08 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.48 1.48 1.67	29.41 1.26 1.98	33.25 1.43 0.00	32.31 1.47 0.00	39.12 1.85 0.00	50.32 2.41 0.00	40.06 2.09 0.00	47.02 2.66 0.00	31.15 1.77 0.00	25.14 1.36 0.00	29.93 1.54 0.00	30.12 1.53 0.00	28.55 1.50 0.00	26.03 1.35 0.00	24.70 1.33 0.00	23.81 1.34 0.00	25.16 1.48 0.00	28.83 1.69 0.00	33.18 1.84 0.00	45.22 2.34 0.00	45.34 2.29 0.00	41.03 1.95 0.00	34.19 1.61 0.00	29.85 1.43 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	12.41 2.08 22.33	16.27 1.75 15.62	32.70 1.98 1.09	32.83 1.98 0.00	39.71 2.44 0.00	51.09 3.18 0.00	40.70 2.73 0.00	47.81 3.45 0.00	411.93 2.26 -380.30	46.10 1.73 -20.58	47.72 2.04 -17.30	45.97 2.02 -15.36	45.62 1.96 -16.61	40.31 1.76 -13.87	38.95 1.72 -13.86	42.39 1.73 -18.19	41.67 1.89 -16.10	42.47 2.18 -13.15	42.18 2.38 -8.46	50.57 3.05 -4.64	46.81 2.99 -0.77	41.80 2.61 -0.12	34.77 2.17 -0.01	32.33 1.92 -1.99
W50THST__13_KV_LOAD 356117	12.63 2.29 22.33	16.45 1.93 15.62	32.92 2.20 1.09	33.03 2.18 0.00	39.94 2.67 0.00	51.38 3.47 0.00	40.94 2.97 0.00	48.11 3.75 0.00	412.14 2.47 -380.30	46.27 1.90 -20.58	47.94 2.26 -17.30	46.18 2.23 -15.36	45.84 2.18 -16.61	40.51 1.96 -13.87	39.13 1.90 -13.86	42.57 1.90 -18.19	41.85 2.08 -16.10	42.67 2.38 -13.15	42.40 2.60 -8.46	50.87 3.35 -4.64	47.13 3.31 -0.77	42.08 2.89 -0.12	34.98 2.39 -0.01	32.51 2.10 -1.99
WADING RIVER_IC_1 23522	41.41 0.95 -7.79	39.35 0.95 -8.25	33.04 1.12 -0.10	31.69 0.83 0.00	38.12 0.85 0.00	49.12 1.21 0.00	39.08 1.11 0.00	45.80 1.44 0.00	-5.13 1.09 35.60	8.18 0.75 16.36	12.56 1.26 17.09	24.20 1.27 5.67	18.61 1.24 9.68	13.71 1.05 12.03	19.62 1.06 4.81	22.00 1.22 1.70	23.54 1.37 1.51	27.52 1.61 1.23	32.11 1.57 0.79	44.28 1.85 0.44	44.57 1.60 0.07	40.55 1.49 0.01	33.95 1.37 0.00	29.58 1.35 0.19
WADING RIVER_IC_2 23547	41.41 0.95 -7.79	39.35 0.95 -8.25	33.04 1.12 -0.10	31.69 0.83 0.00	38.12 0.85 0.00	49.12 1.21 0.00	39.08 1.11 0.00	45.80 1.44 0.00	-5.13 1.09 35.60	8.18 0.75 16.36	12.56 1.26 17.09	24.20 1.27 5.67	18.61 1.24 9.68	13.71 1.05 12.03	19.62 1.06 4.81	22.00 1.22 1.70	23.54 1.37 1.51	27.52 1.61 1.23	32.11 1.57 0.79	44.28 1.85 0.44	44.57 1.60 0.07	40.55 1.49 0.01	33.95 1.37 0.00	29.58 1.35 0.19
WADING RIVER_IC_3 23601	41.41 0.95 -7.79	39.35 0.95 -8.25	33.04 1.12 -0.10	31.69 0.83 0.00	38.12 0.85 0.00	49.12 1.21 0.00	39.08 1.11 0.00	45.80 1.44 0.00	-5.13 1.09 35.60	8.18 0.75 16.36	12.56 1.26 17.09	24.20 1.27 5.67	18.61 1.24 9.68	13.71 1.05 12.03	19.62 1.06 4.81	22.00 1.22 1.70	23.54 1.37 1.51	27.52 1.61 1.23	32.11 1.57 0.79	44.28 1.85 0.44	44.57 1.60 0.07	40.55 1.49 0.01	33.95 1.37 0.00	29.58 1.35 0.19
WALDENNY_12_KV_BK2 80841	32.52 -0.15 0.00	29.98 -0.16 0.00	31.54 -0.28 0.00	30.50 -0.35 0.00	37.05 -0.22 0.00	47.26 -0.65 0.00	37.37 -0.60 0.00	43.30 -1.06 0.00	29.05 -0.33 0.00	23.47 -0.31 0.00	28.45 0.06 0.00	28.75 0.16 0.00	26.76 -0.28 0.00	24.63 -0.05 0.00	23.20 -0.17 0.00	22.26 -0.22 0.00	23.29 -0.39 0.00	26.29 -0.85 0.00	30.06 -1.28 0.00	40.86 -2.01 0.00	41.22 -1.83 0.00	37.43 -1.64 0.00	31.93 -0.65 0.00	27.90 -0.52 0.00
WALDEN__HYDRO 24148	33.92 1.41 0.16	31.15 1.20 0.19	33.16 1.35 0.00	32.21 1.36 0.00	38.97 1.70 0.00	50.14 2.24 0.00	39.93 1.96 0.00	46.84 2.48 0.00	30.99 1.61 0.00	25.00 1.22 0.00	29.75 1.36 0.00	29.92 1.33 0.00	28.35 1.31 0.00	25.85 1.16 0.00	24.52 1.15 0.00	23.65 1.17 0.00	24.99 1.31 0.00	28.69 1.54 0.00	33.07 1.73 0.00	45.11 2.24 0.00	45.24 2.19 0.00	40.97 1.90 0.00	34.14 1.56 0.00	29.77 1.35 0.00
WARRENSBURG____ 23737	34.16 1.49 0.00	31.49 1.35 0.00	33.21 1.39 0.00	32.21 1.36 0.00	39.11 1.84 0.00	50.84 2.93 0.00	40.41 2.44 0.00	47.50 3.14 0.00	32.92 3.54 0.00	26.14 2.35 0.00	30.40 2.01 0.00	30.01 1.41 0.00	27.96 0.92 0.00	25.35 0.67 0.00	24.09 0.71 0.00	23.29 0.81 0.00	24.67 1.00 0.00	28.43 1.29 0.00	33.03 1.69 0.00	45.14 2.26 0.00	45.27 2.23 0.00	41.09 2.02 0.00	34.12 1.54 0.00	29.67 1.25 0.00
WATERSIDE____6 8 9 23538	155.92 2.17 -121.08	56.34 1.87 -24.33	35.91 2.06 -2.03	29.94 2.06 2.97	37.93 2.50 1.84	50.51 3.20 0.60	39.41 2.82 1.38	46.86 3.56 1.05	643.18 2.32 -611.47	58.66 1.76 -33.12	58.30 2.07 -27.83	55.37 2.07 -24.71	55.79 2.02 -26.73	48.75 1.81 -22.26	47.37 1.74 -22.25	53.49 1.74 -29.26	51.49 1.91 -25.91	50.50 2.20 -21.16	47.06 2.43 -13.29	53.38 3.08 -7.43	46.01 3.00 0.04	40.67 2.68 1.08	32.45 2.23 2.37	31.02 1.90 -0.69
WATKINRD_115KV_LN8_ILLION 55919	32.49 -0.18 0.00	29.88 -0.26 0.00	31.62 -0.20 0.00	30.79 -0.06 0.00	37.44 0.17 0.00	48.27 0.36 0.00	38.61 0.63 0.00	44.70 0.34 0.00	28.75 -0.63 0.00	22.76 -1.02 0.00	26.77 -1.62 0.00	26.80 -1.79 0.00	25.79 -1.26 0.00	23.46 -1.23 0.00	22.33 -1.04 0.00	22.12 -0.36 0.00	23.35 -0.33 0.00	26.95 -0.19 0.00	31.44 0.10 0.00	43.19 0.31 0.00	43.34 0.28 0.00	39.35 0.28 0.00	32.82 0.24 0.00	28.58 0.16 0.00
WATSON__69_KV_BK 1 55734	42.50 2.04 -7.79	40.17 1.78 -8.25	33.90 1.98 -0.10	32.67 1.82 0.00	39.36 2.09 0.00	50.68 2.78 0.00	40.26 2.29 0.00	47.22 2.86 0.00	-4.19 2.03 35.60	26.01 1.53 -0.70	31.67 2.08 -1.20	29.90 1.98 0.67	28.87 1.91 0.08	27.02 1.69 -0.65	24.39 1.67 0.66	22.54 1.77 1.70	24.12 1.95 1.51	28.29 2.38 1.23	33.10 2.55 0.79	45.59 3.15 0.44	46.00 3.02 0.07	41.78 2.72 0.01	34.85 2.27 0.00	30.33 2.10 0.19
WDELAWARE__HYD 323627	34.77 2.10 0.00	31.99 1.85 0.00	33.83 2.01 0.00	32.85 2.00 0.00	39.76 2.49 0.00	51.17 3.26 0.00	40.76 2.78 0.00	47.74 3.39 0.00	31.53 2.15 0.00	25.37 1.59 0.00	30.15 1.76 0.00	30.28 1.68 0.00	28.66 1.62 0.00	26.14 1.45 0.00	24.79 1.42 0.00	23.87 1.40 0.00	25.26 1.59 0.00	29.08 1.93 0.00	33.64 2.30 0.00	45.94 3.06 0.00	46.05 3.00 0.00	41.68 2.60 0.00	34.72 2.14 0.00	30.28 1.86 0.00

WEST BABYLON___IC 23714	42.48 2.02 -7.79	40.13 1.73 -8.25	33.87 1.95 -0.10	32.65 1.80 0.00	39.35 2.08 0.00	50.65 2.74 0.00	40.24 2.27 0.00	47.22 2.86 0.00	-4.19 2.03 35.60	23.41 1.55 1.93	28.85 2.08 1.62	29.13 1.97 1.44	27.40 1.91 1.56	25.08 1.70 1.30	23.76 1.69 1.30	22.54 1.76 1.70	24.11 1.94 1.51	28.26 2.35 1.23	33.06 2.51 0.79	45.55 3.11 0.44	45.97 2.99 0.07	41.74 2.68 0.01	34.80 2.22 0.00	30.29 2.05 0.19
WEST CANADA___HYD 24049	32.68 0.01 0.00	30.14 0.00 0.00	31.85 0.03 0.00	30.89 0.04 0.00	37.31 0.04 0.00	47.96 0.05 0.00	38.08 0.10 0.00	44.52 0.16 0.00	29.43 0.05 0.00	23.80 0.02 0.00	28.39 0.00 0.00	28.60 0.01 0.00	27.07 0.03 0.00	24.70 0.02 0.00	23.38 0.01 0.00	22.49 0.01 0.00	23.72 0.05 0.00	27.22 0.08 0.00	31.46 0.12 0.00	43.05 0.17 0.00	43.18 0.13 0.00	39.16 0.09 0.00	32.65 0.06 0.00	28.48 0.06 0.00
WESTERN_NY_WIND 24143	32.82 0.15 0.00	30.24 0.10 0.00	31.80 -0.01 0.00	30.73 -0.12 0.00	37.33 0.06 0.00	47.79 -0.11 0.00	37.87 -0.10 0.00	43.75 -0.61 0.00	29.09 -0.29 0.00	23.37 -0.42 0.00	28.20 -0.19 0.00	28.41 -0.18 0.00	26.43 -0.62 0.00	24.32 -0.37 0.00	22.91 -0.45 0.00	21.95 -0.52 0.00	22.95 -0.73 0.00	25.97 -1.17 0.00	29.96 -1.37 0.00	41.13 -1.75 0.00	41.63 -1.42 0.00	37.82 -1.25 0.00	32.16 -0.42 0.00	28.06 -0.35 0.00
WESTOVER___LESR 323668	33.05 0.39 0.00	30.46 0.32 0.00	32.16 0.35 0.00	31.25 0.40 0.00	37.87 0.60 0.00	48.62 0.71 0.00	38.57 0.60 0.00	45.17 0.81 0.00	29.90 0.51 0.00	24.12 0.34 0.00	28.84 0.45 0.00	29.05 0.45 0.00	27.41 0.37 0.00	25.04 0.36 0.00	23.66 0.29 0.00	22.73 0.25 0.00	23.96 0.28 0.00	27.46 0.32 0.00	31.73 0.39 0.00	43.38 0.50 0.00	43.59 0.54 0.00	39.46 0.38 0.00	33.06 0.48 0.00	28.92 0.50 0.00
WETHRSFD_WT_PWR 323626	32.18 -0.49 0.00	29.81 -0.33 0.00	31.36 -0.46 0.00	30.39 -0.46 0.00	36.90 -0.37 0.00	47.13 -0.77 0.00	37.29 -0.69 0.00	43.27 -1.09 0.00	28.84 -0.54 0.00	23.21 -0.58 0.00	27.98 -0.41 0.00	28.25 -0.34 0.00	26.36 -0.68 0.00	24.20 -0.48 0.00	22.78 -0.59 0.00	21.91 -0.57 0.00	23.01 -0.66 0.00	26.15 -0.99 0.00	30.24 -1.10 0.00	41.41 -1.47 0.00	41.78 -1.27 0.00	37.91 -1.17 0.00	32.19 -0.40 0.00	28.14 -0.28 0.00
WHAVSTOR_138KV_BK127 55557	32.35 1.44 1.75	29.27 1.22 2.09	33.21 1.39 0.00	32.26 1.42 0.00	39.05 1.78 0.00	50.23 2.32 0.00	40.00 2.03 0.00	46.94 2.58 0.00	31.09 1.71 0.00	25.09 1.31 0.00	29.88 1.49 0.00	30.07 1.48 0.00	28.50 1.46 0.00	25.99 1.31 0.00	24.65 1.28 0.00	23.77 1.30 0.00	25.09 1.41 0.00	28.72 1.58 0.00	33.05 1.71 0.00	45.03 2.15 0.00	45.16 2.10 0.00	40.88 1.80 0.00	34.07 1.49 0.00	29.75 1.33 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.35 1.44 1.75	29.27 1.22 2.09	33.21 1.39 0.00	32.26 1.42 0.00	39.05 1.78 0.00	50.23 2.32 0.00	40.00 2.03 0.00	46.94 2.58 0.00	31.09 1.71 0.00	25.09 1.31 0.00	29.88 1.49 0.00	30.07 1.48 0.00	28.50 1.46 0.00	25.99 1.31 0.00	24.65 1.28 0.00	23.77 1.30 0.00	25.09 1.41 0.00	28.72 1.58 0.00	33.05 1.71 0.00	45.03 2.15 0.00	45.16 2.10 0.00	40.88 1.80 0.00	34.07 1.49 0.00	29.75 1.33 0.00
WHITEHAL_115KV_TB1 80871	34.63 1.96 0.00	32.05 1.91 0.00	33.80 1.98 0.00	32.73 1.88 0.00	39.66 2.39 0.00	52.04 4.13 0.00	41.53 3.56 0.00	48.84 4.48 0.00	33.31 3.92 0.00	26.44 2.66 0.00	30.63 2.24 0.00	30.14 1.55 0.00	27.94 0.90 0.00	25.34 0.65 0.00	24.26 0.89 0.00	23.56 1.08 0.00	25.07 1.40 0.00	28.92 1.77 0.00	33.60 2.26 0.00	45.65 2.78 0.00	45.93 2.88 0.00	41.90 2.82 0.00	34.53 1.95 0.00	29.95 1.53 0.00
WHITEPLN_13_KV_LOAD 356215	30.46 1.96 4.17	27.40 1.68 4.42	33.62 1.86 0.06	32.71 1.87 0.00	39.56 2.29 0.00	50.93 3.03 0.00	40.59 2.62 0.00	47.68 3.32 0.00	50.64 2.20 -19.06	26.50 1.69 -1.03	31.22 1.97 -0.87	31.30 1.94 -0.77	29.76 1.89 -0.83	27.07 1.69 -0.70	25.71 1.65 -0.69	25.05 1.66 -0.91	26.32 1.83 -0.81	29.93 2.13 -0.66	34.10 2.34 -0.42	46.13 3.02 -0.23	46.06 2.97 -0.04	41.68 2.60 -0.01	34.72 2.14 0.00	30.38 1.86 -0.10
WM_FLOYD_69_KV_BK2 356380	41.80 1.34 -7.79	39.63 1.24 -8.25	33.32 1.40 -0.10	32.04 1.20 0.00	38.55 1.28 0.00	49.68 1.77 0.00	39.49 1.52 0.00	46.30 1.94 0.00	-4.81 1.41 35.60	-17.50 1.01 42.30	-15.00 1.53 44.92	16.76 1.45 13.28	4.16 1.41 24.28	-5.42 1.22 31.32	13.46 1.22 11.14	22.14 1.36 1.70	23.69 1.52 1.51	27.76 1.85 1.23	32.48 1.94 0.79	44.77 2.33 0.44	45.10 2.12 0.07	41.01 1.95 0.01	34.32 1.74 0.00	29.89 1.65 0.19
WOODARD___115KV_TB2 355635	32.25 -0.42 0.00	29.75 -0.39 0.00	31.37 -0.45 0.00	30.44 -0.40 0.00	36.79 -0.48 0.00	47.29 -0.61 0.00	37.55 -0.42 0.00	43.83 -0.53 0.00	29.01 -0.37 0.00	23.51 -0.27 0.00	28.13 -0.26 0.00	28.35 -0.25 0.00	26.77 -0.28 0.00	24.44 -0.25 0.00	23.10 -0.27 0.00	22.20 -0.28 0.00	23.36 -0.31 0.00	26.76 -0.39 0.00	30.90 -0.44 0.00	42.27 -0.61 0.00	42.45 -0.60 0.00	38.49 -0.58 0.00	32.18 -0.40 0.00	28.09 -0.33 0.00
YORK___WARBASSE 23770	176.94 2.26 -142.01	57.68 1.99 -25.55	50.22 2.28 -16.13	50.67 2.25 -17.57	50.82 2.67 -10.88	54.82 3.37 -3.53	49.14 3.03 -8.14	54.42 3.84 -6.22	647.41 2.48 -615.55	58.77 1.87 -33.12	58.43 2.21 -27.83	55.51 2.20 -24.71	55.95 2.18 -26.73	49.93 1.97 -23.27	48.40 1.89 -23.14	53.61 1.86 -29.26	51.61 2.02 -25.91	50.65 2.35 -21.16	49.51 2.64 -15.53	53.90 3.31 -7.71	55.10 3.28 -8.76	49.76 2.96 -7.73	49.22 2.48 -14.16	48.44 2.02 -18.01