

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

09/05/2025

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	32.25	34.08	27.84	29.61	32.17	32.82	43.09	47.29	39.00	36.20	41.08	70.50	35.08	39.28	40.64	43.82	43.16	49.11	52.98	44.28	42.00	42.44	42.29	48.03
24138	1.25	1.01	0.90	0.96	1.05	1.18	1.55	2.04	2.24	2.28	2.50	1.46	2.70	3.13	3.39	3.72	3.77	3.92	4.01	3.18	2.87	2.63	2.57	2.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.37	-5.36	-50.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	32.33	34.17	27.93	29.71	32.28	32.91	43.18	47.35	39.00	36.17	41.05	70.39	35.05	39.27	40.62	43.83	43.16	49.14	53.03	44.35	42.06	42.50	42.34	48.09
24260	1.33	1.11	0.99	1.06	1.15	1.27	1.65	2.10	2.24	2.25	2.47	1.45	2.68	3.11	3.37	3.73	3.77	3.95	4.06	3.25	2.93	2.69	2.62	2.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.37	-5.35	-50.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	32.33	34.17	27.93	29.71	32.28	32.91	43.18	47.35	39.00	36.17	41.05	70.39	35.05	39.27	40.62	43.83	43.16	49.14	53.03	44.35	42.06	42.50	42.34	48.09
24261	1.33	1.11	0.99	1.06	1.15	1.27	1.65	2.10	2.24	2.25	2.47	1.45	2.68	3.11	3.37	3.73	3.77	3.95	4.06	3.25	2.93	2.69	2.62	2.71
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.37	-5.35	-50.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	33.03	35.07	28.72	30.57	33.25	33.78	44.23	48.41	39.38	35.07	36.29	27.97	34.24	37.96	38.97	41.91	41.48	47.63	51.96	43.52	41.58	42.32	42.19	48.45
24011	2.04	2.00	1.77	1.91	2.13	2.14	2.69	3.16	2.62	2.28	2.13	1.10	1.86	1.81	1.72	1.80	2.09	2.43	2.99	2.42	2.45	2.51	2.48	3.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	-0.93	-8.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	33.26	35.29	28.92	30.80	33.50	34.02	44.50	48.77	39.69	35.33	36.54	28.06	34.49	38.18	39.19	42.12	41.72	47.85	52.22	43.74	41.83	42.66	42.55	48.75
23798	2.26	2.22	1.98	2.15	2.38	2.38	2.97	3.52	2.93	2.55	2.39	1.22	2.11	2.03	1.95	2.02	2.33	2.65	3.25	2.64	2.70	2.84	2.83	3.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	-0.92	-8.75	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	33.03	35.07	28.72	30.57	33.25	33.78	44.23	48.41	39.38	35.07	36.29	27.97	34.24	37.96	38.97	41.91	41.48	47.63	51.96	43.52	41.58	42.32	42.19	48.45
24028	2.04	2.00	1.77	1.91	2.13	2.14	2.69	3.16	2.62	2.28	2.13	1.10	1.86	1.81	1.72	1.80	2.09	2.43	2.99	2.42	2.45	2.51	2.48	3.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.24	-0.93	-8.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	32.21	34.26	28.18	29.95	32.61	33.07	43.04	47.22	38.58	34.52	36.20	30.65	33.92	37.75	38.91	41.92	41.37	47.35	51.26	42.72	40.78	41.66	41.48	47.13
23527	1.21	1.19	1.23	1.29	1.49	1.43	1.50	1.97	1.82	1.66	1.75	0.95	1.54	1.60	1.67	1.82	1.98	2.16	2.29	1.63	1.65	1.85	1.77	1.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.31	-1.23	-11.63	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	30.98	32.88	27.09	28.73	31.21	31.66	41.31	45.23	37.08	33.14	34.53	27.61	32.71	36.49	37.66	40.58	39.99	45.76	49.51	41.33	39.34	40.03	39.91	45.58
24190	-0.02	-0.19	0.14	0.08	0.08	0.02	-0.22	-0.02	0.32	0.34	0.32	0.27	0.33	0.34	0.42	0.47	0.60	0.57	0.53	0.23	0.22	0.21	0.19	0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	-0.98	-9.27	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	31.60	33.89	27.53	29.20	31.70	32.22	42.44	46.13	37.24	32.87	33.52	18.24	32.58	36.29	37.36	40.23	39.43	45.42	49.10	41.28	39.41	40.21	40.12	45.84
355683	0.60	0.82	0.58	0.55	0.57	0.57	0.90	0.89	0.48	0.32	0.29	0.16	0.20	0.14	0.12	0.12	0.05	0.23	0.13	0.18	0.28	0.40	0.41	0.46
	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	31.69	33.66	27.64	29.39	31.93	32.42	42.38	46.26	37.74	33.59	34.79	26.01	32.95	36.70	37.87	40.85	40.32	46.36	50.38	42.28	40.21	40.88	40.80	46.59
323833	0.69	0.59	0.69	0.73	0.81	0.78	0.84	1.01	0.98	0.84	0.77	0.44	0.57	0.55	0.62	0.74	0.93	1.17	1.41	1.18	1.09	1.07	1.08	1.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.79	-7.49	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	31.68	33.65	27.62	29.39	31.93	32.42	42.36	46.25	37.73	33.59	34.79	26.01	32.95	36.69	37.87	40.85	40.32	46.34	50.37	42.26	40.20	40.87	40.78	46.58
323834	0.68	0.58	0.68	0.73	0.81	0.77	0.82	1.00	0.97	0.83	0.77	0.43	0.57	0.55	0.62	0.74	0.93	1.15	1.40	1.16	1.08	1.06	1.06	1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.20	-0.79	-7.50	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	30.98	32.88	27.09	28.73	31.21	31.66	41.31	45.23	37.08	33.14	34.53	27.61	32.71	36.49	37.66	40.58	39.99	45.76	49.51	41.33	39.34	40.03	39.91	45.58
23571	-0.02	-0.19	0.14	0.08	0.08	0.02	-0.22	-0.02	0.32	0.34	0.32	0.27	0.33	0.34	0.42	0.47	0.60	0.57	0.53	0.23	0.22	0.21	0.19	0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.25	-0.98	-9.27	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	30.98 -0.02 0.00	32.88 -0.19 0.00	27.09 0.14 0.00	28.73 0.08 0.00	31.21 0.08 0.00	31.66 0.02 0.00	41.31 -0.22 0.00	45.23 -0.02 0.00	37.08 0.32 0.00	33.14 0.34 -0.25	34.53 0.32 -0.98	27.61 0.27 -9.27	32.71 0.33 0.00	36.49 0.34 0.00	37.66 0.42 0.00	40.58 0.47 0.00	39.99 0.60 0.00	45.76 0.57 0.00	49.51 0.53 0.00	41.33 0.23 0.00	39.34 0.22 0.00	40.03 0.21 0.00	39.91 0.19 0.00	45.58 0.20 0.00
ALBANY___3 23573	30.98 -0.02 0.00	32.88 -0.19 0.00	27.09 0.14 0.00	28.73 0.08 0.00	31.21 0.08 0.00	31.66 0.02 0.00	41.31 -0.22 0.00	45.23 -0.02 0.00	37.08 0.32 0.00	33.14 0.34 -0.25	34.53 0.32 -0.98	27.61 0.27 -9.27	32.71 0.33 0.00	36.49 0.34 0.00	37.66 0.42 0.00	40.58 0.47 0.00	39.99 0.60 0.00	45.76 0.57 0.00	49.51 0.53 0.00	41.33 0.23 0.00	39.34 0.22 0.00	40.03 0.21 0.00	39.91 0.19 0.00	45.58 0.20 0.00
ALBANY___4 23574	30.98 -0.02 0.00	32.88 -0.19 0.00	27.09 0.14 0.00	28.73 0.08 0.00	31.21 0.08 0.00	31.66 0.02 0.00	41.31 -0.22 0.00	45.23 -0.02 0.00	37.08 0.32 0.00	33.14 0.34 -0.25	34.53 0.32 -0.98	27.61 0.27 -9.27	32.71 0.33 0.00	36.49 0.34 0.00	37.66 0.42 0.00	40.58 0.47 0.00	39.99 0.60 0.00	45.76 0.57 0.00	49.51 0.53 0.00	41.33 0.23 0.00	39.34 0.22 0.00	40.03 0.21 0.00	39.91 0.19 0.00	45.58 0.20 0.00
ALBANY___LFGE 323615	31.32 0.32 0.00	33.23 0.17 0.00	27.35 0.41 0.00	29.02 0.37 0.00	31.53 0.41 0.00	32.00 0.36 0.00	41.79 0.25 0.00	45.74 0.49 0.00	37.45 0.69 0.00	33.47 0.67 -0.25	34.88 0.67 -0.98	27.76 0.44 -9.24	33.05 0.67 0.00	36.88 0.74 0.00	38.08 0.83 0.00	41.05 0.94 0.00	40.46 1.07 0.00	46.32 1.13 0.00	50.13 1.16 0.00	41.85 0.75 0.00	39.83 0.70 0.00	40.51 0.70 0.00	40.37 0.65 0.00	46.09 0.71 0.00
ALCOA_PA_115KV_PL-6C 55860	31.81 0.81 0.00	34.12 1.06 0.00	27.71 0.77 0.00	29.39 0.73 0.00	31.89 0.77 0.00	32.42 0.78 0.00	42.73 1.19 0.00	46.43 1.19 0.00	37.43 0.67 0.00	33.01 0.46 0.00	33.65 0.42 0.00	18.29 0.21 0.00	32.66 0.29 0.00	36.39 0.24 0.00	37.48 0.23 0.00	40.36 0.25 0.00	39.55 0.16 0.00	45.66 0.47 0.00	49.35 0.37 0.00	41.51 0.41 0.00	39.63 0.50 0.00	40.41 0.60 0.00	40.34 0.62 0.00	46.09 0.71 0.00
ALCOA_RYNLDS___DRP 24188	31.81 0.81 0.00	34.12 1.06 0.00	27.71 0.77 0.00	29.39 0.73 0.00	31.89 0.77 0.00	32.42 0.78 0.00	42.73 1.19 0.00	46.43 1.19 0.00	37.43 0.67 0.00	33.01 0.46 0.00	33.65 0.42 0.00	18.29 0.21 0.00	32.66 0.29 0.00	36.39 0.24 0.00	37.48 0.23 0.00	40.36 0.25 0.00	39.55 0.16 0.00	45.66 0.47 0.00	49.35 0.37 0.00	41.51 0.41 0.00	39.63 0.50 0.00	40.41 0.60 0.00	40.34 0.62 0.00	46.09 0.71 0.00
ALCOA___DSASP 323711	31.81 0.81 0.00	34.12 1.06 0.00	27.71 0.77 0.00	29.39 0.73 0.00	31.89 0.77 0.00	32.42 0.78 0.00	42.73 1.19 0.00	46.43 1.18 0.00	37.43 0.67 0.00	33.00 0.45 0.00	33.65 0.42 0.00	18.30 0.22 0.00	32.66 0.29 0.00	36.39 0.24 0.00	37.48 0.23 0.00	40.36 0.26 0.00	39.55 0.16 0.00	45.66 0.47 0.00	49.35 0.38 0.00	41.51 0.41 0.00	39.63 0.50 0.00	40.41 0.60 0.00	40.34 0.62 0.00	46.09 0.71 0.00
ALLEGHENY___COGEN 23514	31.02 0.02 0.00	33.13 0.06 0.00	26.65 -0.30 0.00	28.60 -0.06 0.00	30.90 -0.23 0.00	31.65 0.01 0.00	41.95 0.42 0.00	44.92 -0.32 0.00	35.73 -0.99 0.04	40.74 -1.22 -9.41	33.29 -1.65 -1.71	24.43 -0.98 -7.32	73.86 -1.60 -43.08	79.67 -1.90 -45.43	81.29 -2.04 -46.08	86.08 -2.06 -48.03	85.47 -1.60 -47.68	94.78 -1.76 -51.35	101.64 -1.38 -54.06	68.65 -0.47 -28.02	38.99 -0.34 -0.21	39.57 -0.47 -0.22	39.45 -0.27 0.00	45.61 0.23 0.00
ALTAMONT_115KV_TB 2 55880	31.42 0.42 0.00	33.42 0.35 0.00	27.37 0.43 0.00	29.10 0.44 0.00	31.64 0.51 0.00	32.13 0.49 0.00	42.02 0.48 0.00	45.91 0.66 0.00	37.47 0.71 0.00	33.46 0.67 -0.23	34.83 0.70 -0.90	27.01 0.42 -8.51	33.08 0.71 0.00	36.92 0.77 0.00	38.09 0.84 0.00	41.03 0.92 0.00	40.40 1.01 0.00	46.26 1.07 0.00	50.11 1.14 0.00	41.96 0.86 0.00	39.92 0.79 0.00	40.56 0.75 0.00	40.45 0.74 0.00	46.20 0.82 0.00
ALTONA_WT_PWR 323606	31.88 0.88 0.00	34.24 1.17 0.00	28.20 1.26 0.00	29.98 1.32 0.00	32.52 1.39 0.00	32.95 1.31 0.00	43.03 1.49 0.00	46.73 1.48 0.00	37.80 1.04 0.00	33.51 0.96 0.00	33.96 0.73 0.00	18.19 0.11 0.00	32.39 0.02 0.00	35.87 -0.28 0.00	36.77 -0.47 0.00	39.32 -0.78 0.00	38.20 -1.19 0.00	44.55 -0.64 0.00	48.82 -0.15 0.00	40.44 -0.66 0.00	38.52 -0.61 0.00	38.75 -1.06 0.00	39.12 -0.60 0.00	44.60 -0.78 0.00
AMERICAN_REF_FUEL 24010	28.42 -2.58 0.00	30.41 -2.65 0.00	24.42 -2.53 0.00	26.34 -2.32 0.00	28.37 -2.76 0.00	29.10 -2.54 0.00	38.59 -2.95 0.00	40.84 -4.41 0.00	32.45 -4.29 0.03	26.37 -3.58 2.60	28.90 -3.86 0.46	13.97 -2.11 2.00	17.24 -3.41 11.73	19.83 -3.95 12.37	20.49 -4.20 12.55	22.54 -4.55 13.03	21.75 -4.71 12.92	25.57 -5.74 13.88	28.17 -6.20 14.59	28.41 -5.14 7.56	31.80 -4.90 2.43	34.73 -4.90 0.18	35.31 -4.40 0.00	41.46 -3.92 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	29.18 -1.82 0.00	31.26 -1.81 0.00	24.84 -2.11 0.00	26.73 -1.93 0.00	28.85 -2.27 0.00	29.49 -2.15 0.00	38.92 -2.62 0.00	41.28 -3.96 0.00	32.91 -3.82 0.04	27.21 -2.99 2.35	29.46 -3.35 0.42	14.02 -2.27 1.79	18.40 -3.44 10.54	21.46 -3.57 11.11	22.35 -3.62 11.27	23.73 -4.01 12.36	22.80 -4.23 12.35	26.72 -4.87 13.61	29.74 -4.92 14.31	29.88 -3.81 7.41	32.64 -3.68 2.81	35.98 -3.63 0.20	36.42 -3.30 0.00	43.09 -2.30 0.00
ARTHUR KILL_GT_1 23520	32.29 1.30 0.00	34.20 1.13 0.00	27.95 1.00 0.00	29.73 1.07 0.00	32.29 1.17 0.00	32.97 1.33 0.00	42.96 1.42 0.00	46.74 1.50 0.00	38.77 2.01 0.00	35.94 2.03 -1.37	40.79 2.21 -5.35	70.28 1.35 -50.85	34.75 2.38 0.00	38.90 2.75 0.00	40.25 3.01 0.00	43.39 3.29 0.00	42.91 3.52 0.00	48.67 3.48 0.00	52.58 3.61 0.00	43.96 2.86 0.00	41.82 2.69 0.00	42.39 2.58 0.00	42.18 2.46 0.00	47.61 2.23 0.00
ARTHUR_KILL_2 23512	32.20 1.20 0.00	34.10 1.04 0.00	27.87 0.93 0.00	29.65 0.99 0.00	32.20 1.08 0.00	32.87 1.23 0.00	42.83 1.29 0.00	46.59 1.35 0.00	38.65 1.89 0.00	35.85 1.93 -1.37	40.69 2.12 -5.35	70.22 1.29 -50.85	34.66 2.28 0.00	38.77 2.63 0.00	40.12 2.88 0.00	43.24 3.13 0.00	42.73 3.34 0.00	48.50 3.30 0.00	52.38 3.41 0.00	43.77 2.67 0.00	41.64 2.51 0.00	42.22 2.41 0.00	42.03 2.31 0.00	47.45 2.07 0.00
ARTHUR_KILL_3 23513	31.96 0.96 0.00	33.78 0.71 0.00	27.61 0.66 0.00	29.37 0.71 0.00	31.89 0.77 0.00	32.53 0.89 0.00	42.63 1.09 0.00	46.74 1.49 0.00	38.51 1.75 0.00	35.73 1.81 -1.37	40.60 2.02 -5.35	70.20 1.21 -50.91	34.63 2.25 0.00	38.81 2.66 0.00	40.17 2.92 0.00	43.33 3.23 0.00	42.66 3.27 0.00	48.56 3.37 0.00	52.41 3.44 0.00	43.82 2.72 0.00	41.54 2.42 0.00	41.98 2.17 0.00	41.83 2.11 0.00	47.54 2.16 0.00

ARTHUR_KILL_COGEN 323718	32.29 1.30 0.00	34.20 1.14 0.00	27.95 1.00 0.00	29.73 1.07 0.00	32.29 1.17 0.00	32.97 1.33 0.00	42.96 1.42 0.00	46.74 1.49 0.00	38.77 2.01 0.00	35.95 2.03 -1.37	40.79 2.21 -5.35	70.28 1.35 -50.85	34.75 2.38 0.00	38.90 2.75 0.00	40.24 3.00 0.00	43.38 3.28 0.00	42.89 3.50 0.00	48.67 3.48 0.00	52.57 3.60 0.00	43.95 2.85 0.00	41.80 2.67 0.00	42.38 2.56 0.00	42.19 2.47 0.00	47.61 2.23 0.00
ASHOKAN____ 23654	31.84 0.84 0.00	33.76 0.70 0.00	27.63 0.69 0.00	29.40 0.74 0.00	31.96 0.83 0.00	32.48 0.84 0.00	42.57 1.03 0.00	46.70 1.46 0.00	38.20 1.44 0.00	33.84 1.29 0.00	34.48 1.25 0.00	18.82 0.75 0.00	33.48 1.10 0.00	37.49 1.34 0.00	38.72 1.47 0.00	41.84 1.73 0.00	41.25 1.86 0.00	47.40 2.21 0.00	51.48 2.51 0.00	43.17 2.08 0.00	41.03 1.90 0.00	41.52 1.71 0.00	41.32 1.60 0.00	47.05 1.67 0.00
ASTORIA_EAST_ENERGY_CC1 323581	31.96 0.97 0.00	33.90 0.84 0.00	27.73 0.79 0.00	29.48 0.83 0.00	32.03 0.91 0.00	32.72 1.08 0.00	42.81 1.28 0.00	46.93 1.69 0.00	38.69 1.93 0.00	35.90 1.98 -1.37	40.67 2.09 -5.35	70.24 1.31 -50.85	34.76 2.38 0.00	38.96 2.82 0.00	40.36 3.11 0.00	43.47 3.37 0.00	42.86 3.47 0.00	48.69 3.50 0.00	52.58 3.61 0.00	43.99 2.89 0.00	41.72 2.59 0.00	42.16 2.34 0.00	42.11 2.39 0.00	47.67 2.29 0.00
ASTORIA_EAST_ENERGY_CC2 323582	31.91 0.91 0.00	33.91 0.84 0.00	27.74 0.80 0.00	29.49 0.83 0.00	32.04 0.91 0.00	32.73 1.08 0.00	42.81 1.28 0.00	46.94 1.69 0.00	38.69 1.93 0.00	35.90 1.98 -1.37	40.67 2.09 -5.35	70.24 1.31 -50.85	34.76 2.38 0.00	38.96 2.81 0.00	40.35 3.11 0.00	43.47 3.37 0.00	42.87 3.48 0.00	48.71 3.52 0.00	52.60 3.63 0.00	44.00 2.90 0.00	41.73 2.60 0.00	42.18 2.37 0.00	42.14 2.42 0.00	47.67 2.29 0.00
ASTORIA_GT2_1 24094	31.98 0.98 0.00	33.92 0.86 0.00	27.75 0.80 0.00	29.50 0.84 0.00	32.05 0.92 0.00	32.74 1.10 0.00	42.83 1.29 0.00	46.97 1.72 0.00	38.71 1.95 0.00	35.91 1.99 -1.37	40.68 2.10 -5.35	70.26 1.32 -50.85	34.78 2.40 0.00	38.99 2.84 0.00	40.37 3.13 0.00	43.49 3.39 0.00	42.89 3.50 0.00	48.73 3.54 0.00	52.61 3.64 0.00	44.01 2.91 0.00	41.74 2.61 0.00	42.18 2.37 0.00	42.12 2.40 0.00	47.70 2.32 0.00
ASTORIA_GT2_2 24095	31.98 0.98 0.00	33.92 0.86 0.00	27.75 0.80 0.00	29.50 0.84 0.00	32.05 0.92 0.00	32.74 1.10 0.00	42.83 1.29 0.00	46.97 1.72 0.00	38.71 1.95 0.00	35.91 1.99 -1.37	40.68 2.10 -5.35	70.26 1.32 -50.85	34.78 2.40 0.00	38.99 2.84 0.00	40.37 3.13 0.00	43.49 3.39 0.00	42.89 3.50 0.00	48.73 3.54 0.00	52.61 3.64 0.00	44.01 2.91 0.00	41.74 2.61 0.00	42.18 2.37 0.00	42.12 2.40 0.00	47.70 2.32 0.00
ASTORIA_GT2_3 24096	31.98 0.98 0.00	33.92 0.86 0.00	27.75 0.80 0.00	29.50 0.84 0.00	32.05 0.92 0.00	32.74 1.10 0.00	42.83 1.29 0.00	46.97 1.72 0.00	38.71 1.95 0.00	35.91 1.99 -1.37	40.68 2.10 -5.35	70.26 1.32 -50.85	34.78 2.40 0.00	38.99 2.84 0.00	40.37 3.13 0.00	43.49 3.39 0.00	42.89 3.50 0.00	48.73 3.54 0.00	52.61 3.64 0.00	44.01 2.91 0.00	41.74 2.61 0.00	42.18 2.37 0.00	42.12 2.40 0.00	47.70 2.32 0.00
ASTORIA_GT2_4 24097	31.98 0.98 0.00	33.92 0.86 0.00	27.75 0.80 0.00	29.50 0.84 0.00	32.05 0.92 0.00	32.74 1.10 0.00	42.83 1.29 0.00	46.97 1.72 0.00	38.71 1.95 0.00	35.91 1.99 -1.37	40.68 2.10 -5.35	70.26 1.32 -50.85	34.78 2.40 0.00	38.99 2.84 0.00	40.37 3.13 0.00	43.49 3.39 0.00	42.89 3.50 0.00	48.73 3.54 0.00	52.61 3.64 0.00	44.01 2.91 0.00	41.74 2.61 0.00	42.18 2.37 0.00	42.12 2.40 0.00	47.70 2.32 0.00
ASTORIA_GT3_1 24098	31.93 0.93 0.00	33.93 0.86 0.00	27.75 0.81 0.00	29.50 0.85 0.00	32.05 0.93 0.00	32.74 1.10 0.00	42.84 1.30 0.00	46.97 1.72 0.00	38.71 1.95 0.00	35.91 2.00 -1.37	40.68 2.10 -5.35	70.25 1.32 -50.85	34.77 2.39 0.00	38.99 2.84 0.00	40.38 3.13 0.00	43.49 3.39 0.00	42.90 3.51 0.00	48.74 3.55 0.00	52.63 3.66 0.00	44.04 2.94 0.00	41.76 2.63 0.00	42.20 2.39 0.00	42.14 2.42 0.00	47.70 2.32 0.00
ASTORIA_GT3_2 24099	31.93 0.93 0.00	33.93 0.86 0.00	27.75 0.81 0.00	29.50 0.85 0.00	32.05 0.93 0.00	32.74 1.10 0.00	42.84 1.30 0.00	46.97 1.72 0.00	38.71 1.95 0.00	35.91 2.00 -1.37	40.68 2.10 -5.35	70.25 1.32 -50.85	34.77 2.39 0.00	38.99 2.84 0.00	40.38 3.13 0.00	43.49 3.39 0.00	42.90 3.51 0.00	48.74 3.55 0.00	52.63 3.66 0.00	44.04 2.94 0.00	41.76 2.63 0.00	42.20 2.39 0.00	42.14 2.42 0.00	47.70 2.32 0.00
ASTORIA_GT3_3 24100	31.93 0.93 0.00	33.93 0.86 0.00	27.75 0.81 0.00	29.50 0.85 0.00	32.05 0.93 0.00	32.74 1.10 0.00	42.84 1.30 0.00	46.97 1.72 0.00	38.71 1.95 0.00	35.91 2.00 -1.37	40.68 2.10 -5.35	70.25 1.32 -50.85	34.77 2.39 0.00	38.99 2.84 0.00	40.38 3.13 0.00	43.49 3.39 0.00	42.90 3.51 0.00	48.74 3.55 0.00	52.63 3.66 0.00	44.04 2.94 0.00	41.76 2.63 0.00	42.20 2.39 0.00	42.14 2.42 0.00	47.70 2.32 0.00
ASTORIA_GT3_4 24101	31.93 0.93 0.00	33.93 0.86 0.00	27.75 0.81 0.00	29.50 0.85 0.00	32.05 0.93 0.00	32.74 1.10 0.00	42.84 1.30 0.00	46.97 1.72 0.00	38.71 1.95 0.00	35.91 2.00 -1.37	40.68 2.10 -5.35	70.25 1.32 -50.85	34.77 2.39 0.00	38.99 2.84 0.00	40.38 3.13 0.00	43.49 3.39 0.00	42.90 3.51 0.00	48.74 3.55 0.00	52.63 3.66 0.00	44.04 2.94 0.00	41.76 2.63 0.00	42.20 2.39 0.00	42.14 2.42 0.00	47.70 2.32 0.00
ASTORIA_GT4_1 24102	31.93 0.93 0.00	33.93 0.86 0.00	27.75 0.81 0.00	29.50 0.85 0.00	32.05 0.93 0.00	32.74 1.10 0.00	42.84 1.30 0.00	46.97 1.72 0.00	38.71 1.95 0.00	35.91 2.00 -1.37	40.68 2.10 -5.35	70.25 1.32 -50.85	34.77 2.39 0.00	38.99 2.84 0.00	40.38 3.13 0.00	43.49 3.39 0.00	42.90 3.51 0.00	48.74 3.55 0.00	52.63 3.66 0.00	44.04 2.94 0.00	41.76 2.63 0.00	42.20 2.39 0.00	42.14 2.42 0.00	47.70 2.32 0.00
ASTORIA_GT4_2 24103	31.93 0.93 0.00	33.93 0.86 0.00	27.75 0.81 0.00	29.50 0.85 0.00	32.05 0.93 0.00	32.74 1.10 0.00	42.84 1.30 0.00	46.97 1.72 0.00	38.71 1.95 0.00	35.91 2.00 -1.37	40.68 2.10 -5.35	70.25 1.32 -50.85	34.77 2.39 0.00	38.99 2.84 0.00	40.38 3.13 0.00	43.49 3.39 0.00	42.90 3.51 0.00	48.74 3.55 0.00	52.63 3.66 0.00	44.04 2.94 0.00	41.76 2.63 0.00	42.20 2.39 0.00	42.14 2.42 0.00	47.70 2.32 0.00
ASTORIA_GT4_3 24104	31.93 0.93 0.00	33.93 0.86 0.00	27.75 0.81 0.00	29.50 0.85 0.00	32.05 0.93 0.00	32.74 1.10 0.00	42.84 1.30 0.00	46.97 1.72 0.00	38.71 1.95 0.00	35.91 2.00 -1.37	40.68 2.10 -5.35	70.25 1.32 -50.85	34.77 2.39 0.00	38.99 2.84 0.00	40.38 3.13 0.00	43.49 3.39 0.00	42.90 3.51 0.00	48.74 3.55 0.00	52.63 3.66 0.00	44.04 2.94 0.00	41.76 2.63 0.00	42.20 2.39 0.00	42.14 2.42 0.00	47.70 2.32 0.00

ASTORIA_GT4_4 24105	31.93 0.93 0.00	33.93 0.86 0.00	27.75 0.81 0.00	29.50 0.85 0.00	32.05 0.93 0.00	32.74 1.10 0.00	42.84 1.30 0.00	46.97 1.72 0.00	38.71 1.95 0.00	35.91 2.00 -1.37	40.68 2.10 -5.35	70.25 1.32 -50.85	34.77 2.39 0.00	38.99 2.84 0.00	40.38 3.13 0.00	43.49 3.39 0.00	42.90 3.51 0.00	48.74 3.55 0.00	52.63 3.66 0.00	44.04 2.94 0.00	41.76 2.63 0.00	42.20 2.39 0.00	42.14 2.42 0.00	47.70 2.32 0.00
ASTORIA_GT_1 23523	32.01 1.01 0.00	33.98 0.92 0.00	27.80 0.85 0.00	29.55 0.90 0.00	32.11 0.98 0.00	32.79 1.15 0.00	42.91 1.38 0.00	47.06 1.81 0.00	38.79 2.03 0.00	35.99 2.07 -1.37	40.75 2.18 -5.35	70.30 1.37 -50.85	34.85 2.47 0.00	39.08 2.93 0.00	40.47 3.23 0.00	43.61 3.50 0.00	42.99 3.60 0.00	48.84 3.65 0.00	52.74 3.77 0.00	44.13 3.03 0.00	41.84 2.71 0.00	42.29 2.47 0.00	42.22 2.50 0.00	47.80 2.42 0.00
ASTORIA_GT_10 24110	32.04 1.04 0.00	33.91 0.84 0.00	27.71 0.77 0.00	29.48 0.82 0.00	32.02 0.90 0.00	32.69 1.05 0.00	42.82 1.29 0.00	46.92 1.68 0.00	38.70 1.94 0.00	35.91 1.99 -1.37	40.73 2.15 -5.35	70.24 1.31 -50.85	34.72 2.34 0.00	38.89 2.74 0.00	40.26 3.02 0.00	43.41 3.30 0.00	42.76 3.37 0.00	48.63 3.44 0.00	52.49 3.52 0.00	43.92 2.82 0.00	41.72 2.59 0.00	42.18 2.37 0.00	42.06 2.34 0.00	47.66 2.27 0.00
ASTORIA_GT_11 24225	32.04 1.04 0.00	33.91 0.84 0.00	27.71 0.77 0.00	29.48 0.82 0.00	32.02 0.90 0.00	32.69 1.05 0.00	42.82 1.29 0.00	46.92 1.68 0.00	38.70 1.94 0.00	35.91 1.99 -1.37	40.73 2.15 -5.35	70.24 1.31 -50.85	34.72 2.34 0.00	38.89 2.74 0.00	40.26 3.02 0.00	43.41 3.30 0.00	42.76 3.37 0.00	48.63 3.44 0.00	52.49 3.52 0.00	43.92 2.82 0.00	41.72 2.59 0.00	42.18 2.37 0.00	42.06 2.34 0.00	47.66 2.27 0.00
ASTORIA_GT_12 24226	32.04 1.04 0.00	33.91 0.84 0.00	27.71 0.77 0.00	29.48 0.82 0.00	32.02 0.90 0.00	32.69 1.05 0.00	42.82 1.29 0.00	46.92 1.68 0.00	38.70 1.94 0.00	35.91 1.99 -1.37	40.73 2.15 -5.35	70.24 1.31 -50.85	34.72 2.34 0.00	38.89 2.74 0.00	40.26 3.02 0.00	43.41 3.30 0.00	42.76 3.37 0.00	48.63 3.44 0.00	52.49 3.52 0.00	43.92 2.82 0.00	41.72 2.59 0.00	42.18 2.37 0.00	42.06 2.34 0.00	47.66 2.27 0.00
ASTORIA_GT_13 24227	32.04 1.04 0.00	33.91 0.84 0.00	27.71 0.77 0.00	29.48 0.82 0.00	32.02 0.90 0.00	32.69 1.05 0.00	42.82 1.29 0.00	46.92 1.68 0.00	38.70 1.94 0.00	35.91 1.99 -1.37	40.73 2.15 -5.35	70.24 1.31 -50.85	34.72 2.34 0.00	38.89 2.74 0.00	40.26 3.02 0.00	43.41 3.30 0.00	42.76 3.37 0.00	48.63 3.44 0.00	52.49 3.52 0.00	43.92 2.82 0.00	41.72 2.59 0.00	42.18 2.37 0.00	42.06 2.34 0.00	47.66 2.27 0.00
ASTORIA_GT_5 24106	32.01 1.01 0.00	33.98 0.92 0.00	27.80 0.85 0.00	29.55 0.90 0.00	32.11 0.98 0.00	32.79 1.15 0.00	42.91 1.38 0.00	47.06 1.81 0.00	38.79 2.03 0.00	35.99 2.07 -1.37	40.75 2.18 -5.35	70.30 1.37 -50.85	34.85 2.47 0.00	39.08 2.93 0.00	40.47 3.23 0.00	43.61 3.50 0.00	42.99 3.60 0.00	48.84 3.65 0.00	52.74 3.77 0.00	44.13 3.03 0.00	41.84 2.71 0.00	42.29 2.47 0.00	42.22 2.50 0.00	47.80 2.42 0.00
ASTORIA_GT_7 24107	32.01 1.01 0.00	33.98 0.92 0.00	27.80 0.85 0.00	29.55 0.90 0.00	32.11 0.98 0.00	32.79 1.15 0.00	42.91 1.38 0.00	47.06 1.81 0.00	38.79 2.03 0.00	35.99 2.07 -1.37	40.75 2.18 -5.35	70.30 1.37 -50.85	34.85 2.47 0.00	39.08 2.93 0.00	40.47 3.23 0.00	43.61 3.50 0.00	42.99 3.60 0.00	48.84 3.65 0.00	52.74 3.77 0.00	44.13 3.03 0.00	41.84 2.71 0.00	42.29 2.47 0.00	42.22 2.50 0.00	47.80 2.42 0.00
ASTORIA_GT_8 24108	32.01 1.01 0.00	33.98 0.92 0.00	27.80 0.85 0.00	29.55 0.90 0.00	32.11 0.98 0.00	32.79 1.15 0.00	42.91 1.38 0.00	47.06 1.81 0.00	38.79 2.03 0.00	35.99 2.07 -1.37	40.75 2.18 -5.35	70.30 1.37 -50.85	34.85 2.47 0.00	39.08 2.93 0.00	40.47 3.23 0.00	43.61 3.50 0.00	42.99 3.60 0.00	48.84 3.65 0.00	52.74 3.77 0.00	44.13 3.03 0.00	41.84 2.71 0.00	42.29 2.47 0.00	42.22 2.50 0.00	47.80 2.42 0.00
ASTORIA___2 24149	31.92 0.93 0.00	33.93 0.86 0.00	27.75 0.81 0.00	29.50 0.85 0.00	32.06 0.93 0.00	32.74 1.10 0.00	42.83 1.30 0.00	46.96 1.72 0.00	38.70 1.94 0.00	35.91 1.99 -1.37	40.69 2.11 -5.35	70.25 1.31 -50.85	34.76 2.39 0.00	38.97 2.82 0.00	40.38 3.13 0.00	43.49 3.39 0.00	42.89 3.50 0.00	48.74 3.55 0.00	52.62 3.65 0.00	44.03 2.93 0.00	41.76 2.63 0.00	42.20 2.38 0.00	42.15 2.44 0.00	47.70 2.32 0.00
ASTORIA___3 23516	32.04 1.05 0.00	33.91 0.84 0.00	27.72 0.77 0.00	29.47 0.82 0.00	32.02 0.90 0.00	32.69 1.05 0.00	42.82 1.29 0.00	46.92 1.68 0.00	38.70 1.94 0.00	35.92 2.00 -1.37	40.73 2.16 -5.35	70.24 1.30 -50.85	34.72 2.34 0.00	38.88 2.73 0.00	40.25 3.01 0.00	43.39 3.29 0.00	42.75 3.36 0.00	48.61 3.42 0.00	52.49 3.51 0.00	43.92 2.82 0.00	41.71 2.58 0.00	42.18 2.36 0.00	42.06 2.34 0.00	47.65 2.27 0.00
ASTORIA___4 23517	32.04 1.04 0.00	33.91 0.84 0.00	27.71 0.77 0.00	29.48 0.82 0.00	32.02 0.90 0.00	32.69 1.05 0.00	42.82 1.29 0.00	46.92 1.68 0.00	38.70 1.94 0.00	35.91 1.99 -1.37	40.73 2.15 -5.35	70.24 1.31 -50.85	34.72 2.34 0.00	38.89 2.74 0.00	40.26 3.02 0.00	43.40 3.30 0.00	42.76 3.37 0.00	48.63 3.44 0.00	52.49 3.52 0.00	43.92 2.82 0.00	41.72 2.59 0.00	42.18 2.37 0.00	42.06 2.34 0.00	47.65 2.27 0.00
ASTORIA___5 23518	32.04 1.05 0.00	33.91 0.84 0.00	27.72 0.77 0.00	29.47 0.82 0.00	32.02 0.90 0.00	32.69 1.05 0.00	42.82 1.29 0.00	46.92 1.68 0.00	38.70 1.94 0.00	35.92 2.00 -1.37	40.73 2.16 -5.35	70.24 1.30 -50.85	34.72 2.34 0.00	38.89 2.74 0.00	40.25 3.01 0.00	43.40 3.29 0.00	42.75 3.36 0.00	48.61 3.42 0.00	52.49 3.52 0.00	43.92 2.82 0.00	41.71 2.58 0.00	42.18 2.36 0.00	42.06 2.34 0.00	47.66 2.27 0.00
AST_ENERGY_2_CC3 323677	27.14 0.66 4.52	32.52 0.77 1.32	27.68 0.73 0.00	29.43 0.77 0.00	31.94 0.84 0.03	32.23 0.95 0.36	33.09 1.20 9.64	36.46 1.60 10.38	32.61 1.83 5.98	32.38 1.88 2.06	37.80 2.08 -2.48	70.22 1.24 -50.91	34.68 2.30 0.00	38.83 2.69 0.00	40.19 2.94 0.00	43.34 3.24 0.00	42.68 3.29 0.00	48.58 3.39 0.00	52.45 3.48 0.00	43.86 2.76 0.00	41.59 2.46 0.00	42.02 2.21 0.00	41.87 2.16 0.00	46.40 2.12 1.10
AST_ENERGY_2_CC4 323678	27.14 0.66 4.52	32.52 0.77 1.32	27.68 0.73 0.00	29.43 0.77 0.00	31.94 0.84 0.03	32.23 0.95 0.36	33.09 1.20 9.64	36.46 1.60 10.38	32.61 1.83 5.98	32.38 1.88 2.06	37.80 2.08 -2.48	70.22 1.24 -50.91	34.68 2.30 0.00	38.83 2.69 0.00	40.19 2.94 0.00	43.34 3.24 0.00	42.68 3.29 0.00	48.58 3.39 0.00	52.45 3.48 0.00	43.86 2.76 0.00	41.59 2.46 0.00	42.02 2.21 0.00	41.87 2.16 0.00	46.40 2.12 1.10

ATHENS_STG_1 23668	31.55 0.55 0.00	33.53 0.47 0.00	27.43 0.49 0.00	29.19 0.53 0.00	31.75 0.63 0.00	32.26 0.62 0.00	42.18 0.64 0.00	46.12 0.87 0.00	37.73 0.97 0.00	33.80 0.97 -0.27	35.36 1.06 -1.06	28.76 0.62 -10.06	33.50 1.12 0.00	37.45 1.30 0.00	38.60 1.35 0.00	41.55 1.45 0.00	40.85 1.46 0.00	46.68 1.49 0.00	50.48 1.51 0.00	42.26 1.16 0.00	40.17 1.05 0.00	40.74 0.93 0.00	40.63 0.92 0.00	46.48 1.09 0.00
ATHENS_STG_2 23670	31.55 0.55 0.00	33.53 0.47 0.00	27.43 0.49 0.00	29.19 0.53 0.00	31.75 0.63 0.00	32.26 0.62 0.00	42.18 0.64 0.00	46.12 0.87 0.00	37.73 0.97 0.00	33.80 0.97 -0.27	35.36 1.06 -1.06	28.76 0.62 -10.06	33.50 1.12 0.00	37.45 1.30 0.00	38.60 1.35 0.00	41.55 1.45 0.00	40.85 1.46 0.00	46.68 1.49 0.00	50.48 1.51 0.00	42.26 1.16 0.00	40.17 1.05 0.00	40.74 0.93 0.00	40.63 0.92 0.00	46.48 1.09 0.00
ATHENS_STG_3 23677	31.55 0.55 0.00	33.53 0.47 0.00	27.43 0.49 0.00	29.19 0.53 0.00	31.75 0.63 0.00	32.26 0.62 0.00	42.18 0.64 0.00	46.12 0.87 0.00	37.73 0.97 0.00	33.80 0.97 -0.27	35.36 1.06 -1.06	28.76 0.62 -10.06	33.50 1.12 0.00	37.45 1.30 0.00	38.60 1.35 0.00	41.55 1.45 0.00	40.85 1.46 0.00	46.68 1.49 0.00	50.48 1.51 0.00	42.26 1.16 0.00	40.17 1.05 0.00	40.74 0.93 0.00	40.63 0.92 0.00	46.48 1.09 0.00
AUBURN____LFGE 323710	30.71 -0.28 0.00	32.77 -0.29 0.00	26.60 -0.34 0.00	28.28 -0.38 0.00	30.67 -0.45 0.00	31.34 -0.30 0.00	41.31 -0.23 0.00	44.80 -0.44 0.00	36.24 -0.53 -0.01	32.00 -0.57 -0.01	32.59 -0.64 0.00	17.68 -0.40 0.00	31.79 -0.59 0.00	35.53 -0.62 0.00	36.40 -0.85 0.00	39.20 -0.91 0.00	38.66 -0.73 0.00	44.74 -0.46 0.00	48.64 -0.33 0.00	40.89 -0.21 0.00	39.52 -0.23 -0.62	39.54 -0.30 -0.03	39.29 -0.43 0.00	44.91 -0.47 0.00
BABYLON_RES_REC 323704	59.95 1.37 -27.58	40.89 1.20 -6.62	34.06 1.09 -6.03	32.55 1.19 -2.70	36.67 1.35 -4.20	39.35 1.41 -6.30	44.08 1.92 -0.62	47.40 2.16 0.00	39.07 2.31 0.00	35.87 1.96 -1.36	49.57 2.30 -14.03	81.76 1.26 -62.42	40.60 2.02 -6.21	46.62 2.19 -8.28	66.70 2.35 -27.11	66.50 2.68 -23.72	103.37 2.80 -61.18	141.85 2.93 -93.72	71.88 2.89 -20.03	45.95 2.26 -2.59	41.18 2.05 0.00	41.55 1.74 0.00	41.49 1.72 -0.06	49.48 2.43 -1.68
BALL_HILL_WT_PWR 323825	29.10 -1.90 0.00	31.19 -1.88 0.00	24.94 -2.00 0.00	26.89 -1.77 0.00	28.98 -2.15 0.00	29.66 -1.98 0.00	39.22 -2.32 0.00	41.65 -3.48 0.00	33.25 -3.48 0.03	26.74 -2.86 2.95	29.61 -3.09 0.53	13.81 -2.01 2.26	16.08 -3.01 13.29	18.94 -3.29 14.01	19.74 -3.29 14.22	20.05 -3.63 16.42	19.21 -3.75 16.43	23.26 -4.41 17.52	25.91 -4.64 18.43	27.79 -3.77 9.54	32.61 -3.62 2.90	35.96 -3.63 0.22	36.41 -3.30 0.00	42.72 -2.66 0.00
BARON_WINDS____WT_PWR 323822	29.76 -1.24 0.00	31.90 -1.16 0.00	25.58 -1.36 0.00	27.51 -1.15 0.00	29.69 -1.43 0.00	30.28 -1.36 0.00	39.91 -1.62 0.00	42.55 -2.70 0.00	33.94 -2.77 0.05	13.88 -2.53 16.13	27.69 -2.62 2.91	4.02 -1.57 12.50	-43.75 -2.65 73.47	-44.28 -2.95 77.48	-44.41 -3.05 78.61	-44.89 -3.17 81.82	-44.82 -2.99 81.22	-45.66 -3.41 87.44	-46.38 -3.40 91.95	-9.29 -2.79 47.60	28.54 -2.71 7.88	36.39 -2.66 0.76	37.46 -2.26 0.00	43.50 -1.88 0.00
BARRETT_IC_1 23704	103.20 0.98 -71.21	97.78 0.91 -63.81	110.04 0.85 -82.25	99.36 0.94 -69.77	92.54 1.06 -60.36	94.09 1.16 -61.29	49.09 1.44 -6.12	47.05 1.78 -0.02	38.70 1.93 0.00	35.75 1.83 -1.36	42.99 2.07 -7.69	81.66 1.22 -62.35	46.44 2.13 -11.93	38.15 2.48 0.48	37.29 2.67 2.63	45.91 2.94 -2.86	49.82 3.05 -7.38	67.22 3.14 -18.89	69.09 3.16 -16.95	45.78 2.48 -2.20	41.37 2.24 0.00	41.80 1.98 0.00	41.64 1.87 -0.05	49.25 2.32 -1.55
BARRETT_IC_10 23701	103.20 0.98 -71.21	97.78 0.91 -63.81	110.04 0.85 -82.25	99.36 0.94 -69.77	92.54 1.06 -60.36	94.09 1.16 -61.29	49.09 1.44 -6.12	47.05 1.78 -0.02	38.70 1.93 0.00	35.75 1.83 -1.36	42.99 2.07 -7.69	81.66 1.22 -62.35	46.44 2.13 -11.93	38.15 2.48 0.48	37.29 2.67 2.63	45.91 2.94 -2.86	49.82 3.05 -7.38	67.22 3.14 -18.89	69.09 3.16 -16.95	45.78 2.48 -2.20	41.37 2.24 0.00	41.80 1.98 0.00	41.64 1.87 -0.05	49.25 2.32 -1.55
BARRETT_IC_11 23702	103.20 0.98 -71.21	97.78 0.91 -63.81	110.04 0.85 -82.25	99.36 0.94 -69.77	92.54 1.06 -60.36	94.09 1.16 -61.29	49.09 1.44 -6.12	47.05 1.78 -0.02	38.70 1.93 0.00	35.75 1.83 -1.36	42.99 2.07 -7.69	81.66 1.22 -62.35	46.44 2.13 -11.93	38.15 2.48 0.48	37.29 2.67 2.63	45.91 2.94 -2.86	49.82 3.05 -7.38	67.22 3.14 -18.89	69.09 3.16 -16.95	45.78 2.48 -2.20	41.37 2.24 0.00	41.80 1.98 0.00	41.64 1.87 -0.05	49.25 2.32 -1.55
BARRETT_IC_12 23703	103.20 0.98 -71.21	97.78 0.91 -63.81	110.04 0.85 -82.25	99.36 0.94 -69.77	92.54 1.06 -60.36	94.09 1.16 -61.29	49.09 1.44 -6.12	47.05 1.78 -0.02	38.70 1.93 0.00	35.75 1.83 -1.36	42.99 2.07 -7.69	81.66 1.22 -62.35	46.44 2.13 -11.93	38.15 2.48 0.48	37.29 2.67 2.63	45.91 2.94 -2.86	49.82 3.05 -7.38	67.22 3.14 -18.89	69.09 3.16 -16.95	45.78 2.48 -2.20	41.37 2.24 0.00	41.80 1.98 0.00	41.64 1.87 -0.05	49.25 2.32 -1.55
BARRETT_IC_2 23705	103.20 0.98 -71.21	97.78 0.91 -63.81	110.04 0.85 -82.25	99.36 0.94 -69.77	92.54 1.06 -60.36	94.09 1.16 -61.29	49.09 1.44 -6.12	47.05 1.78 -0.02	38.70 1.93 0.00	35.75 1.83 -1.36	42.99 2.07 -7.69	81.66 1.22 -62.35	46.44 2.13 -11.93	38.15 2.48 0.48	37.29 2.67 2.63	45.91 2.94 -2.86	49.82 3.05 -7.38	67.22 3.14 -18.89	69.09 3.16 -16.95	45.78 2.48 -2.20	41.37 2.24 0.00	41.80 1.98 0.00	41.64 1.87 -0.05	49.25 2.32 -1.55
BARRETT_IC_3 23706	103.20 0.98 -71.21	97.78 0.91 -63.81	110.04 0.85 -82.25	99.36 0.94 -69.77	92.54 1.06 -60.36	94.09 1.16 -61.29	49.09 1.44 -6.12	47.05 1.78 -0.02	38.70 1.93 0.00	35.75 1.83 -1.36	42.99 2.07 -7.69	81.66 1.22 -62.35	46.44 2.13 -11.93	38.15 2.48 0.48	37.29 2.67 2.63	45.91 2.94 -2.86	49.82 3.05 -7.38	67.22 3.14 -18.89	69.09 3.16 -16.95	45.78 2.48 -2.20	41.37 2.24 0.00	41.80 1.98 0.00	41.64 1.87 -0.05	49.25 2.32 -1.55
BARRETT_IC_4 23707	103.20 0.98 -71.21	97.78 0.91 -63.81	110.04 0.85 -82.25	99.36 0.94 -69.77	92.54 1.06 -60.36	94.09 1.16 -61.29	49.09 1.44 -6.12	47.05 1.78 -0.02	38.70 1.93 0.00	35.75 1.83 -1.36	42.99 2.07 -7.69	81.66 1.22 -62.35	46.44 2.13 -11.93	38.15 2.48 0.48	37.29 2.67 2.63	45.91 2.94 -2.86	49.82 3.05 -7.38	67.22 3.14 -18.89	69.09 3.16 -16.95	45.78 2.48 -2.20	41.37 2.24 0.00	41.80 1.98 0.00	41.64 1.87 -0.05	49.25 2.32 -1.55
BARRETT_IC_5 23708	103.20 0.98 -71.21	97.78 0.91 -63.81	110.04 0.85 -82.25	99.36 0.94 -69.77	92.54 1.06 -60.36	94.09 1.16 -61.29	49.09 1.44 -6.12	47.05 1.78 -0.02	38.70 1.93 0.00	35.75 1.83 -1.36	42.99 2.07 -7.69	81.66 1.22 -62.35	46.44 2.13 -11.93	38.15 2.48 0.48	37.29 2.67 2.63	45.91 2.94 -2.86	49.82 3.05 -7.38	67.22 3.14 -18.89	69.09 3.16 -16.95	45.78 2.48 -2.20	41.37 2.24 0.00	41.80 1.98 0.00	41.64 1.87 -0.05	49.25 2.32 -1.55

BARRETT_IC_6 23709	103.20 0.98 -71.21	97.78 0.91 -63.81	110.04 0.85 -82.25	99.36 0.94 -69.77	92.54 1.06 -60.36	94.09 1.16 -61.29	49.09 1.44 -6.12	47.05 1.78 -0.02	38.70 1.93 0.00	35.75 1.83 -1.36	42.99 2.07 -7.69	81.66 1.22 -62.35	46.44 2.13 -11.93	38.15 2.48 0.48	37.29 2.67 2.63	45.91 2.94 -2.86	49.82 3.05 -7.38	67.22 3.14 -18.89	69.09 3.16 -16.95	45.78 2.48 -2.20	41.37 2.24 0.00	41.80 1.98 0.00	41.64 1.87 -0.05	49.25 2.32 -1.55
BARRETT_IC_7 23710	103.27 1.06 -71.21	97.82 0.94 -63.81	110.12 0.93 -82.25	99.46 1.04 -69.77	92.62 1.14 -60.36	94.10 1.17 -61.29	49.16 1.51 -6.12	47.06 1.79 -0.02	38.70 1.94 0.00	35.76 1.85 -1.36	43.02 2.10 -7.69	81.67 1.23 -62.35	46.51 2.20 -11.93	38.24 2.58 0.48	37.36 2.74 2.63	45.99 3.02 -2.86	49.90 3.13 -7.38	67.29 3.21 -18.89	69.09 3.17 -16.95	45.78 2.48 -2.20	41.38 2.25 0.00	41.80 1.98 0.00	41.64 1.87 -0.05	49.25 2.32 -1.55
BARRETT_IC_8 23711	103.20 0.98 -71.21	97.78 0.91 -63.81	110.04 0.85 -82.25	99.36 0.94 -69.77	92.54 1.06 -60.36	94.09 1.16 -61.29	49.09 1.44 -6.12	47.05 1.78 -0.02	38.70 1.93 0.00	35.75 1.83 -1.36	42.99 2.07 -7.69	81.66 1.22 -62.35	46.44 2.13 -11.93	38.15 2.48 0.48	37.29 2.67 2.63	45.91 2.94 -2.86	49.82 3.05 -7.38	67.22 3.14 -18.89	69.09 3.16 -16.95	45.78 2.48 -2.20	41.37 2.24 0.00	41.80 1.98 0.00	41.64 1.87 -0.05	49.25 2.32 -1.55
BARRETT_IC_9 23700	103.20 0.98 -71.21	97.78 0.91 -63.81	110.04 0.85 -82.25	99.36 0.94 -69.77	92.54 1.06 -60.36	94.09 1.16 -61.29	49.09 1.44 -6.12	47.05 1.78 -0.02	38.70 1.93 0.00	35.75 1.83 -1.36	42.99 2.07 -7.69	81.66 1.22 -62.35	46.44 2.13 -11.93	38.15 2.48 0.48	37.29 2.67 2.63	45.91 2.94 -2.86	49.82 3.05 -7.38	67.22 3.14 -18.89	69.09 3.16 -16.95	45.78 2.48 -2.20	41.37 2.24 0.00	41.80 1.98 0.00	41.64 1.87 -0.05	49.25 2.32 -1.55
BARRETT___1 23545	103.20 0.98 -71.21	97.78 0.91 -63.81	110.04 0.85 -82.25	99.36 0.94 -69.77	92.54 1.06 -60.36	94.09 1.16 -61.29	49.09 1.44 -6.12	47.05 1.78 -0.02	38.70 1.93 0.00	35.75 1.83 -1.36	42.99 2.07 -7.69	81.66 1.22 -62.35	46.44 2.13 -11.93	38.15 2.48 0.48	37.29 2.67 2.63	45.91 2.94 -2.86	49.82 3.05 -7.38	67.22 3.14 -18.89	69.09 3.16 -16.95	45.78 2.48 -2.20	41.37 2.24 0.00	41.80 1.98 0.00	41.64 1.87 -0.05	49.25 2.32 -1.55
BARRETT___2 23546	103.20 0.98 -71.21	97.78 0.91 -63.81	110.04 0.85 -82.25	99.36 0.94 -69.77	92.54 1.06 -60.36	94.09 1.16 -61.29	49.09 1.44 -6.12	47.05 1.78 -0.02	38.70 1.93 0.00	35.75 1.83 -1.36	42.99 2.07 -7.69	81.66 1.22 -62.35	46.44 2.13 -11.93	38.15 2.48 0.48	37.29 2.67 2.63	45.91 2.94 -2.86	49.82 3.05 -7.38	67.22 3.14 -18.89	69.09 3.16 -16.95	45.78 2.48 -2.20	41.37 2.24 0.00	41.80 1.98 0.00	41.64 1.87 -0.05	49.25 2.32 -1.55
BATAVIA___115KV_TB1 55881	29.89 -1.11 0.00	31.93 -1.14 0.00	25.67 -1.28 0.00	27.61 -1.05 0.00	29.79 -1.33 0.00	30.57 -1.07 0.00	40.61 -0.93 0.00	43.39 -1.86 0.00	34.57 -2.17 0.02	28.88 -2.02 1.66	30.57 -2.37 0.30	15.46 -1.35 1.27	22.76 -2.16 7.46	25.79 -2.49 7.87	26.60 -2.66 7.98	29.03 -2.80 8.28	28.50 -2.68 8.21	33.22 -3.16 8.81	36.71 -2.99 9.26	34.01 -2.30 4.79	35.13 -2.16 1.85	37.42 -2.26 0.13	37.73 -1.99 0.00	43.84 -1.54 0.00
BAYONEEC___CTG1 323682	32.10 1.10 0.00	33.92 0.86 0.00	27.73 0.78 0.00	29.48 0.83 0.00	32.03 0.91 0.00	32.66 1.02 0.00	42.82 1.28 0.00	46.93 1.68 0.00	38.66 1.90 0.00	35.87 1.95 -1.37	40.73 2.15 -5.35	70.26 1.27 -50.91	34.74 2.36 0.00	38.92 2.77 0.00	40.27 3.03 0.00	43.44 3.33 0.00	42.77 3.39 0.00	48.68 3.49 0.00	52.55 3.58 0.00	43.95 2.85 0.00	41.68 2.55 0.00	42.12 2.31 0.00	41.98 2.26 0.00	47.70 2.32 0.00
BAYONEEC___CTG10 323750	32.10 1.10 0.00	33.92 0.86 0.00	27.73 0.78 0.00	29.48 0.83 0.00	32.03 0.91 0.00	32.66 1.02 0.00	42.82 1.28 0.00	46.93 1.68 0.00	38.66 1.90 0.00	35.87 1.95 -1.37	40.73 2.15 -5.35	70.26 1.27 -50.91	34.74 2.36 0.00	38.92 2.77 0.00	40.27 3.03 0.00	43.44 3.33 0.00	42.77 3.39 0.00	48.68 3.49 0.00	52.55 3.58 0.00	43.95 2.85 0.00	41.68 2.55 0.00	42.12 2.31 0.00	41.98 2.26 0.00	47.70 2.32 0.00
BAYONEEC___CTG2 323683	32.10 1.10 0.00	33.92 0.86 0.00	27.73 0.78 0.00	29.48 0.83 0.00	32.03 0.91 0.00	32.66 1.02 0.00	42.82 1.28 0.00	46.93 1.68 0.00	38.66 1.90 0.00	35.87 1.95 -1.37	40.73 2.15 -5.35	70.26 1.27 -50.91	34.74 2.36 0.00	38.92 2.77 0.00	40.27 3.03 0.00	43.44 3.33 0.00	42.77 3.39 0.00	48.68 3.49 0.00	52.55 3.58 0.00	43.95 2.85 0.00	41.68 2.55 0.00	42.12 2.31 0.00	41.98 2.26 0.00	47.70 2.32 0.00
BAYONEEC___CTG3 323684	32.10 1.10 0.00	33.92 0.86 0.00	27.73 0.78 0.00	29.48 0.83 0.00	32.03 0.91 0.00	32.66 1.02 0.00	42.82 1.28 0.00	46.93 1.68 0.00	38.66 1.90 0.00	35.87 1.95 -1.37	40.73 2.15 -5.35	70.26 1.27 -50.91	34.74 2.36 0.00	38.92 2.77 0.00	40.27 3.03 0.00	43.44 3.33 0.00	42.77 3.39 0.00	48.68 3.49 0.00	52.55 3.58 0.00	43.95 2.85 0.00	41.68 2.55 0.00	42.12 2.31 0.00	41.98 2.26 0.00	47.70 2.32 0.00
BAYONEEC___CTG4 323685	32.10 1.10 0.00	33.92 0.86 0.00	27.73 0.78 0.00	29.48 0.83 0.00	32.03 0.91 0.00	32.66 1.02 0.00	42.82 1.28 0.00	46.93 1.68 0.00	38.66 1.90 0.00	35.87 1.95 -1.37	40.73 2.15 -5.35	70.26 1.27 -50.91	34.74 2.36 0.00	38.92 2.77 0.00	40.27 3.03 0.00	43.44 3.33 0.00	42.77 3.39 0.00	48.68 3.49 0.00	52.55 3.58 0.00	43.95 2.85 0.00	41.68 2.55 0.00	42.12 2.31 0.00	41.98 2.26 0.00	47.70 2.32 0.00
BAYONEEC___CTG5 323686	32.10 1.10 0.00	33.92 0.86 0.00	27.73 0.78 0.00	29.48 0.83 0.00	32.03 0.91 0.00	32.66 1.02 0.00	42.82 1.28 0.00	46.93 1.68 0.00	38.66 1.90 0.00	35.87 1.95 -1.37	40.73 2.15 -5.35	70.26 1.27 -50.91	34.74 2.36 0.00	38.92 2.77 0.00	40.27 3.03 0.00	43.44 3.33 0.00	42.77 3.39 0.00	48.68 3.49 0.00	52.55 3.58 0.00	43.95 2.85 0.00	41.68 2.55 0.00	42.12 2.31 0.00	41.98 2.26 0.00	47.70 2.32 0.00
BAYONEEC___CTG6 323687	32.10 1.10 0.00	33.92 0.86 0.00	27.73 0.78 0.00	29.48 0.83 0.00	32.03 0.91 0.00	32.66 1.02 0.00	42.82 1.28 0.00	46.93 1.68 0.00	38.66 1.90 0.00	35.87 1.95 -1.37	40.73 2.15 -5.35	70.26 1.27 -50.91	34.74 2.36 0.00	38.92 2.77 0.00	40.27 3.03 0.00	43.44 3.33 0.00	42.77 3.39 0.00	48.68 3.49 0.00	52.55 3.58 0.00	43.95 2.85 0.00	41.68 2.55 0.00	42.12 2.31 0.00	41.98 2.26 0.00	47.70 2.32 0.00
BAYONEEC___CTG7 323688	32.10 1.10 0.00	33.92 0.86 0.00	27.73 0.78 0.00	29.48 0.83 0.00	32.03 0.91 0.00	32.66 1.02 0.00	42.82 1.28 0.00	46.93 1.68 0.00	38.66 1.90 0.00	35.87 1.95 -1.37	40.73 2.15 -5.35	70.26 1.27 -50.91	34.74 2.36 0.00	38.92 2.77 0.00	40.27 3.03 0.00	43.44 3.33 0.00	42.77 3.39 0.00	48.68 3.49 0.00	52.55 3.58 0.00	43.95 2.85 0.00	41.68 2.55 0.00	42.12 2.31 0.00	41.98 2.26 0.00	47.70 2.32 0.00

BAYONEEC___CTG8 323689	32.10 1.10 0.00	33.92 0.86 0.00	27.73 0.78 0.00	29.48 0.83 0.00	32.03 0.91 0.00	32.66 1.02 0.00	42.82 1.28 0.00	46.93 1.68 0.00	38.66 1.90 0.00	35.87 1.95 -1.37	40.73 2.15 -5.35	70.26 1.27 -50.91	34.74 2.36 0.00	38.92 2.77 0.00	40.27 3.03 0.00	43.44 3.33 0.00	42.77 3.39 0.00	48.68 3.49 0.00	52.55 3.58 0.00	43.95 2.85 0.00	41.68 2.55 0.00	42.12 2.31 0.00	41.98 2.26 0.00	47.70 2.32 0.00
BAYONEEC___CTG9 323749	32.10 1.10 0.00	33.92 0.86 0.00	27.73 0.78 0.00	29.48 0.83 0.00	32.03 0.91 0.00	32.66 1.02 0.00	42.82 1.28 0.00	46.93 1.68 0.00	38.66 1.90 0.00	35.87 1.95 -1.37	40.73 2.15 -5.35	70.26 1.27 -50.91	34.74 2.36 0.00	38.92 2.77 0.00	40.27 3.03 0.00	43.44 3.33 0.00	42.77 3.39 0.00	48.68 3.49 0.00	52.55 3.58 0.00	43.95 2.85 0.00	41.68 2.55 0.00	42.12 2.31 0.00	41.98 2.26 0.00	47.70 2.32 0.00
BEACON___LESR 323632	31.47 0.47 0.00	33.35 0.28 0.00	27.41 0.46 0.00	29.12 0.47 0.00	31.62 0.50 0.00	32.12 0.48 0.00	42.04 0.51 0.00	46.03 0.79 0.00	37.62 0.86 0.00	33.62 0.82 -0.25	35.06 0.84 -0.99	27.91 0.50 -9.33	33.21 0.83 0.00	37.02 0.87 0.00	38.27 1.03 0.00	41.22 1.12 0.00	40.68 1.29 0.00	46.67 1.47 0.00	50.48 1.51 0.00	42.07 0.97 0.00	40.01 0.88 0.00	40.79 0.98 0.00	40.59 0.87 0.00	46.38 1.00 0.00
BEAVER RIVER___HYD 24048	31.93 0.93 0.00	34.29 1.22 0.00	27.78 0.84 0.00	29.22 0.56 0.00	31.52 0.39 0.00	32.00 0.36 0.00	42.10 0.56 0.00	46.27 1.02 0.00	37.28 0.52 0.00	32.87 0.32 0.00	33.23 0.00 0.00	17.72 -0.36 0.00	31.26 -1.12 0.00	34.80 -1.35 0.00	36.02 -1.23 0.00	38.75 -1.35 0.00	38.10 -1.29 0.00	44.75 -0.45 0.00	49.55 0.58 0.00	41.78 0.68 0.00	39.64 0.51 0.00	40.00 0.19 0.00	39.85 0.13 0.00	45.68 0.30 0.00
BEEBEE_GT_13 23619	30.02 -0.98 0.00	32.04 -1.03 0.00	25.90 -1.05 0.00	27.71 -0.94 0.00	30.00 -1.12 0.00	30.67 -0.97 0.00	40.59 -0.95 0.00	43.73 -1.51 0.00	35.20 -1.54 0.02	31.19 -1.35 0.02	31.80 -1.43 0.00	17.26 -0.82 0.00	31.02 -1.36 0.00	34.61 -1.54 0.00	35.60 -1.64 0.00	38.42 -1.69 0.00	37.81 -1.58 0.00	43.37 -1.82 0.00	47.16 -1.81 0.00	39.65 -1.44 0.00	36.80 -1.39 0.95	38.27 -1.49 0.05	38.31 -1.40 0.00	44.10 -1.28 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.34 1.34 0.00	34.21 1.14 0.00	27.95 1.00 0.00	29.72 1.06 0.00	32.28 1.16 0.00	32.97 1.32 0.00	43.14 1.60 0.00	47.22 1.97 0.00	38.99 2.23 0.00	36.18 2.26 -1.37	41.03 2.46 -5.35	70.43 1.49 -50.85	35.07 2.70 0.00	39.29 3.14 0.00	40.65 3.41 0.00	43.83 3.73 0.00	43.20 3.81 0.00	49.07 3.87 0.00	52.98 4.01 0.00	44.33 3.23 0.00	42.11 2.99 0.00	42.62 2.80 0.00	42.46 2.74 0.00	48.04 2.65 0.00
BETHLEHEM___GRP 23843	30.98 -0.02 0.00	32.88 -0.19 0.00	27.09 0.14 0.00	28.73 0.08 0.00	31.21 0.08 0.00	31.66 0.02 0.00	41.31 -0.22 0.00	45.23 -0.02 0.00	37.08 0.32 0.00	33.14 0.34 -0.25	34.53 0.32 -0.98	27.61 0.27 -9.27	32.71 0.33 0.00	36.49 0.34 0.00	37.66 0.42 0.00	40.58 0.47 0.00	39.99 0.60 0.00	45.76 0.57 0.00	49.51 0.53 0.00	41.33 0.23 0.00	39.34 0.22 0.00	40.03 0.21 0.00	39.91 0.19 0.00	45.58 0.20 0.00
BETHLEHEM___GS1 323560	30.99 -0.01 0.00	32.88 -0.19 0.00	27.09 0.14 0.00	28.73 0.08 0.00	31.21 0.08 0.00	31.66 0.02 0.00	41.31 -0.22 0.00	45.23 -0.02 0.00	37.07 0.31 0.00	33.14 0.34 -0.25	34.53 0.32 -0.98	27.60 0.26 -9.27	32.70 0.33 0.00	36.48 0.33 0.00	37.66 0.41 0.00	40.57 0.47 0.00	39.98 0.59 0.00	45.76 0.57 0.00	49.50 0.53 0.00	41.32 0.22 0.00	39.34 0.21 0.00	40.03 0.22 0.00	39.91 0.19 0.00	45.58 0.20 0.00
BETHLEHEM___GS2 323561	30.99 -0.01 0.00	32.88 -0.19 0.00	27.09 0.14 0.00	28.73 0.08 0.00	31.21 0.08 0.00	31.66 0.02 0.00	41.31 -0.22 0.00	45.23 -0.02 0.00	37.07 0.31 0.00	33.14 0.34 -0.25	34.53 0.32 -0.98	27.60 0.26 -9.27	32.70 0.33 0.00	36.48 0.33 0.00	37.66 0.41 0.00	40.57 0.47 0.00	39.98 0.59 0.00	45.76 0.57 0.00	49.50 0.53 0.00	41.32 0.22 0.00	39.34 0.21 0.00	40.03 0.22 0.00	39.91 0.19 0.00	45.58 0.20 0.00
BETHLEHEM___GS3 323562	30.99 -0.01 0.00	32.88 -0.19 0.00	27.09 0.14 0.00	28.73 0.08 0.00	31.21 0.08 0.00	31.66 0.02 0.00	41.31 -0.22 0.00	45.23 -0.02 0.00	37.07 0.31 0.00	33.14 0.34 -0.25	34.53 0.32 -0.98	27.60 0.26 -9.27	32.70 0.33 0.00	36.48 0.33 0.00	37.66 0.41 0.00	40.57 0.47 0.00	39.98 0.59 0.00	45.76 0.57 0.00	49.50 0.53 0.00	41.32 0.22 0.00	39.34 0.21 0.00	40.03 0.22 0.00	39.91 0.19 0.00	45.58 0.20 0.00
BETHLEHEM___STEEL 23779	29.06 -1.94 0.00	31.13 -1.94 0.00	24.94 -2.01 0.00	26.89 -1.77 0.00	28.97 -2.16 0.00	29.67 -1.97 0.00	39.34 -2.20 0.00	41.88 -3.37 0.00	33.37 -3.36 0.03	26.47 -2.87 3.21	29.61 -3.04 0.58	13.81 -1.80 2.47	14.90 -2.97 14.51	17.51 -3.34 15.30	18.20 -3.52 15.52	20.23 -3.76 16.12	19.56 -3.84 15.99	23.45 -4.57 17.17	26.09 -4.82 18.06	27.81 -3.94 9.35	32.57 -3.73 2.83	35.83 -3.77 0.22	36.35 -3.37 0.00	42.55 -2.83 0.00
BETHLHEM_115KV_TB1 79974	31.39 0.40 0.00	33.38 0.31 0.00	27.35 0.41 0.00	29.09 0.43 0.00	31.63 0.51 0.00	32.10 0.46 0.00	41.97 0.44 0.00	45.86 0.62 0.00	37.48 0.72 0.00	33.48 0.69 -0.23	34.87 0.73 -0.90	27.07 0.44 -8.55	33.12 0.74 0.00	36.96 0.81 0.00	38.12 0.87 0.00	41.07 0.96 0.00	40.42 1.03 0.00	46.27 1.08 0.00	50.11 1.14 0.00	41.94 0.84 0.00	39.88 0.75 0.00	40.53 0.72 0.00	40.44 0.72 0.00	46.18 0.80 0.00
BETHPAGE_CC_5 323564	69.36 1.27 -37.09	43.05 1.10 -8.88	36.81 1.03 -8.84	34.80 1.13 -5.02	38.66 1.29 -6.25	41.41 1.32 -8.45	44.12 1.74 -0.83	47.21 1.97 0.00	38.92 2.16 0.00	35.96 2.04 -1.36	53.85 2.27 -18.35	89.71 1.32 -70.31	47.13 2.24 -12.51	55.84 2.59 -17.10	84.97 2.75 -44.98	79.27 3.08 -36.08	135.63 3.20 -93.05	186.60 3.34 -138.07	73.47 3.29 -21.21	46.46 2.61 -2.75	41.49 2.36 0.00	41.87 2.05 0.00	41.66 1.88 -0.06	49.45 2.29 -1.78
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.11 -1.89 0.00	31.16 -1.90 0.00	24.97 -1.97 0.00	26.93 -1.73 0.00	29.01 -2.12 0.00	29.72 -1.92 0.00	39.42 -2.12 0.00	41.98 -3.27 0.00	33.46 -3.27 0.03	26.72 -2.79 3.04	29.72 -2.97 0.55	13.98 -1.77 2.34	15.76 -2.89 13.72	18.43 -3.25 14.47	19.14 -3.43 14.68	21.21 -3.64 15.25	20.52 -3.73 15.14	24.46 -4.46 16.28	27.16 -4.68 17.12	28.40 -3.84 8.86	32.70 -3.61 2.82	35.93 -3.67 0.21	36.43 -3.28 0.00	42.60 -2.78 0.00
BINGHAMTON___COGEN 23790	30.59 -0.40 0.00	32.68 -0.38 0.00	26.47 -0.47 0.00	28.32 -0.34 0.00	30.70 -0.42 0.00	31.23 -0.41 0.00	41.11 -0.43 0.00	44.58 -0.66 0.00	36.05 -0.70 0.01	31.93 -0.61 0.02	32.64 -0.60 0.00	17.69 -0.39 0.00	31.87 -0.51 0.00	35.68 -0.47 0.00	36.75 -0.49 0.00	39.59 -0.51 0.00	38.95 -0.44 0.00	44.64 -0.56 0.00	48.47 -0.50 0.00	40.66 -0.44 0.00	37.79 -0.49 0.85	39.19 -0.58 0.04	39.18 -0.54 0.00	44.89 -0.49 0.00

BIXINCNT_115KV_LOAD 355685	29.22 -1.78 0.00	31.16 -1.91 0.00	24.94 -2.00 0.00	26.94 -1.71 0.00	29.08 -2.05 0.00	29.83 -1.81 0.00	39.60 -1.93 0.00	42.17 -3.07 0.00	33.52 -3.20 0.04	27.67 -2.78 2.11	29.84 -3.02 0.37	14.48 -1.99 1.61	19.55 -3.39 9.44	22.63 -3.57 9.95	23.39 -3.75 10.10	25.61 -3.94 10.56	24.77 -4.12 10.49	28.90 -4.83 11.46	31.85 -5.07 12.05	30.89 -3.96 6.24	32.91 -3.48 2.74	35.94 -3.68 0.19	36.43 -3.29 0.00	42.51 -2.87 0.00
BLACK RIVER___HYD 24047	32.05 1.05 0.00	34.35 1.28 0.00	27.79 0.84 0.00	29.21 0.55 0.00	31.50 0.37 0.00	32.02 0.38 0.00	42.05 0.51 0.00	46.31 1.06 0.00	37.26 0.50 0.00	32.83 0.28 0.00	33.15 -0.08 0.00	17.57 -0.51 0.00	30.90 -1.48 0.00	34.38 -1.77 0.00	35.76 -1.49 0.00	38.41 -1.70 0.00	37.72 -1.67 0.00	44.42 -0.77 0.00	49.66 0.69 0.00	41.93 0.83 0.00	39.87 0.75 0.00	40.19 0.37 0.00	40.02 0.30 0.00	45.78 0.40 0.00
BLACKRVR_115KV_TB2 79977	32.05 1.05 0.00	34.35 1.28 0.00	27.79 0.84 0.00	29.21 0.55 0.00	31.50 0.37 0.00	32.02 0.38 0.00	42.05 0.51 0.00	46.31 1.07 0.00	37.26 0.50 0.00	32.83 0.28 0.00	33.15 -0.08 0.00	17.57 -0.51 0.00	30.90 -1.48 0.00	34.38 -1.77 0.00	35.76 -1.49 0.00	38.41 -1.70 0.00	37.72 -1.67 0.00	44.42 -0.77 0.00	49.66 0.69 0.00	41.93 0.83 0.00	39.87 0.75 0.00	40.19 0.37 0.00	40.02 0.30 0.00	45.78 0.40 0.00
BLDWN_LI_69_KV_BK4 356085	92.82 1.35 -60.46	58.70 1.21 -24.42	57.16 1.13 -29.08	52.36 1.25 -22.45	53.64 1.38 -21.13	56.39 1.41 -23.33	45.72 1.86 -2.32	47.38 2.13 -0.01	39.00 2.24 0.00	36.06 2.14 -1.36	58.63 2.40 -23.00	100.19 1.40 -80.72	56.43 2.38 -21.67	65.61 2.73 -26.73	103.14 2.94 -62.95	92.16 3.27 -48.79	168.61 3.41 -125.81	233.01 3.57 -184.26	75.94 3.54 -23.43	47.05 2.92 -3.03	41.78 2.65 0.00	42.24 2.43 0.00	42.05 2.27 -0.07	50.07 2.69 -1.99
BLISS_WT_PWR 323608	29.19 -1.82 0.00	31.08 -1.99 0.00	24.87 -2.07 0.00	26.88 -1.78 0.00	29.02 -2.11 0.00	29.79 -1.85 0.00	39.56 -1.98 0.00	42.10 -3.15 0.00	33.42 -3.30 0.04	27.57 -2.88 2.11	29.71 -3.15 0.37	14.39 -2.08 1.61	19.34 -3.60 9.44	22.46 -3.74 9.95	23.23 -3.92 10.10	25.44 -4.10 10.56	24.59 -4.31 10.49	28.71 -5.02 11.46	31.61 -5.31 12.05	30.74 -4.12 6.24	32.78 -3.61 2.74	35.80 -3.83 0.19	36.31 -3.41 0.00	42.41 -2.98 0.00
BLUESTONE___WT_PWR 323821	31.89 0.89 0.00	34.05 0.98 0.00	27.59 0.64 0.00	29.47 0.82 0.00	31.96 0.84 0.00	32.59 0.95 0.00	43.03 1.50 0.00	46.62 1.38 0.00	37.39 0.62 -0.02	32.81 0.24 -0.02	33.31 0.08 0.00	17.87 -0.21 0.00	31.45 -0.92 0.00	35.17 -0.97 0.00	36.05 -1.19 0.00	38.65 -1.46 0.00	37.97 -1.42 0.00	44.11 -1.08 0.00	48.55 -0.41 0.00	40.94 -0.16 0.00	39.72 -0.31 -0.90	38.93 -0.93 -0.05	38.97 -0.75 0.00	44.35 -1.04 0.00
BLUE_CIRC_CHEM_DRP 24182	31.49 0.49 0.00	33.48 0.41 0.00	27.46 0.52 0.00	29.21 0.55 0.00	31.75 0.63 0.00	32.22 0.58 0.00	42.11 0.57 0.00	45.97 0.73 0.00	37.53 0.77 0.00	33.45 0.69 -0.21	34.72 0.68 -0.81	26.19 0.41 -7.70	32.96 0.59 0.00	36.75 0.60 0.00	37.91 0.67 0.00	40.85 0.75 0.00	40.26 0.87 0.00	46.18 0.99 0.00	50.07 1.10 0.00	41.96 0.87 0.00	39.92 0.79 0.00	40.58 0.77 0.00	40.50 0.78 0.00	46.27 0.89 0.00
BOC_GAS_DRP 24189	31.30 0.30 0.00	33.28 0.22 0.00	27.27 0.33 0.00	29.00 0.35 0.00	31.53 0.40 0.00	32.00 0.36 0.00	41.83 0.29 0.00	45.73 0.48 0.00	37.36 0.61 0.00	33.39 0.60 -0.23	34.78 0.65 -0.90	27.03 0.40 -8.55	33.04 0.66 0.00	36.89 0.74 0.00	38.05 0.80 0.00	40.98 0.88 0.00	40.32 0.93 0.00	46.14 0.95 0.00	49.92 0.95 0.00	41.80 0.70 0.00	39.75 0.63 0.00	40.40 0.58 0.00	40.29 0.58 0.00	46.03 0.65 0.00
BOONVILLE_115KV_TB1 79983	31.71 0.71 0.00	33.93 0.86 0.00	27.55 0.61 0.00	29.15 0.49 0.00	31.55 0.42 0.00	32.07 0.43 0.00	42.20 0.66 0.00	46.11 0.87 0.00	37.32 0.56 0.00	32.94 0.39 0.00	33.44 0.21 0.00	18.02 -0.06 0.00	32.08 -0.30 0.00	35.87 -0.28 0.00	37.02 -0.22 0.00	39.83 -0.28 0.00	39.21 -0.18 0.00	45.51 0.32 0.00	49.98 1.01 0.00	42.02 0.92 0.00	39.88 0.75 0.00	40.35 0.53 0.00	40.19 0.47 0.00	46.00 0.62 0.00
BORALEX_4TH_BRANCH 23824	32.21 1.21 0.00	34.26 1.19 0.00	28.18 1.23 0.00	29.95 1.29 0.00	32.61 1.48 0.00	33.07 1.43 0.00	43.04 1.50 0.00	47.22 1.98 0.00	38.58 1.82 0.00	34.52 1.66 -0.31	36.21 1.75 -1.23	30.66 0.95 -11.63	33.92 1.54 0.00	37.75 1.60 0.00	38.91 1.67 0.00	41.93 1.82 0.00	41.37 1.98 0.00	47.35 2.16 0.00	51.25 2.29 0.00	42.72 1.63 0.00	40.78 1.65 0.00	41.67 1.86 0.00	41.48 1.76 0.00	47.13 1.75 0.00
BOWLINE___1 23526	31.78 0.78 0.00	33.68 0.61 0.00	27.51 0.57 0.00	29.29 0.63 0.00	31.82 0.69 0.00	32.39 0.75 0.00	42.43 0.89 0.00	46.48 1.23 0.00	38.16 1.40 0.00	31.96 1.45 2.04	26.87 1.63 7.99	-57.00 0.94 76.02	34.16 1.78 0.00	38.31 2.16 0.00	39.64 2.40 0.00	42.80 2.70 0.00	42.12 2.73 0.00	47.99 2.80 0.00	51.87 2.90 0.00	43.37 2.27 0.00	41.12 1.99 0.00	41.61 1.79 0.00	41.43 1.71 0.00	47.17 1.79 0.00
BOWLINE___2 23595	31.77 0.77 0.00	33.67 0.60 0.00	27.51 0.56 0.00	29.27 0.62 0.00	31.80 0.68 0.00	32.38 0.74 0.00	42.41 0.87 0.00	46.45 1.21 0.00	38.15 1.39 0.00	31.96 1.44 2.04	26.86 1.61 7.98	-56.96 0.94 75.98	34.14 1.76 0.00	38.29 2.14 0.00	39.63 2.38 0.00	42.78 2.68 0.00	42.10 2.71 0.00	47.98 2.79 0.00	51.84 2.87 0.00	43.35 2.25 0.00	41.11 1.98 0.00	41.59 1.78 0.00	41.41 1.69 0.00	47.16 1.78 0.00
BRADY___115KV_TB2 356060	32.24 1.24 0.00	34.62 1.55 0.00	28.10 1.16 0.00	29.78 1.13 0.00	32.31 1.19 0.00	32.87 1.23 0.00	43.40 1.86 0.00	47.07 1.83 0.00	37.65 0.89 0.00	33.11 0.55 0.00	33.71 0.48 0.00	18.32 0.24 0.00	32.69 0.31 0.00	36.39 0.24 0.00	37.53 0.28 0.00	40.45 0.34 0.00	39.67 0.28 0.00	46.16 0.97 0.00	49.87 0.90 0.00	42.07 0.98 0.00	40.22 1.09 0.00	40.99 1.17 0.00	40.88 1.17 0.00	46.67 1.29 0.00
BRANSCOMB___SOLAR 323811	32.47 1.47 0.00	34.51 1.44 0.00	28.26 1.32 0.00	30.05 1.40 0.00	32.70 1.57 0.00	33.22 1.58 0.00	43.45 1.91 0.00	47.53 2.29 0.00	38.68 1.92 0.00	34.47 1.67 -0.25	35.77 1.58 -0.96	28.03 0.82 -9.13	33.77 1.39 0.00	37.57 1.42 0.00	38.67 1.42 0.00	41.62 1.52 0.00	41.19 1.80 0.00	47.29 2.10 0.00	51.47 2.50 0.00	43.11 2.02 0.00	41.11 1.98 0.00	41.83 2.02 0.00	41.68 1.96 0.00	47.68 2.30 0.00
BRDGHMPT_69_KV_BK1 55812	48.85 1.20 -16.65	37.12 0.99 -3.06	29.32 0.78 -1.59	28.42 0.72 0.95	33.08 1.01 -0.95	36.02 1.48 -2.91	43.86 2.04 -0.29	46.89 1.65 0.00	38.60 1.84 0.00	35.72 1.81 -1.35	45.08 2.06 -9.79	73.93 1.20 -54.65	34.61 2.19 -0.04	38.57 2.51 0.09	49.42 2.26 -9.91	54.36 2.61 -11.65	72.24 2.80 -30.04	98.59 3.33 -50.07	70.42 3.25 -18.20	45.88 2.42 -2.36	41.34 2.21 0.00	41.57 1.76 0.00	41.23 1.47 -0.05	48.61 1.71 -1.52



BRENTWOD_69_KV_W. BRTWOOD 56703	51.09 1.46 -18.63	38.02 1.30 -3.65	30.44 1.18 -2.32	29.58 1.28 0.35	34.04 1.44 -1.48	36.62 1.52 -3.46	43.98 2.11 -0.34	47.51 2.26 0.00	39.15 2.39 0.00	36.12 2.21 -1.35	46.30 2.49 -10.58	75.48 1.34 -56.06	35.72 2.21 -1.14	40.15 2.52 -1.48	53.05 2.65 -13.16	57.04 3.01 -13.92	78.30 3.01 -35.90	106.49 3.04 -58.26	70.55 3.08 -18.50	46.04 2.55 -2.40	41.59 2.46 0.00	41.99 2.18 0.00	41.66 1.90 -0.05	49.27 2.34 -1.55
BRISTLHL_115KV_TB1 79998	30.15 -0.85 0.00	32.13 -0.93 0.00	26.13 -0.81 0.00	27.84 -0.82 0.00	30.22 -0.91 0.00	30.75 -0.89 0.00	40.44 -1.10 0.00	43.98 -1.27 0.00	35.70 -1.06 0.00	31.59 -0.97 0.00	32.22 -1.01 0.00	17.50 -0.58 0.00	31.39 -0.99 0.00	35.06 -1.09 0.00	36.12 -1.13 0.00	38.88 -1.22 0.00	38.28 -1.11 0.00	43.97 -1.22 0.00	47.74 -1.23 0.00	40.14 -0.96 0.00	38.21 -0.91 0.00	38.83 -0.98 0.00	38.73 -0.99 0.00	44.27 -1.11 0.00
BROOKHAVEN___DRP 24191	48.57 0.97 -16.60	36.88 0.77 -3.05	29.25 0.73 -1.57	28.46 0.77 0.97	32.96 0.90 -0.94	35.58 1.05 -2.90	43.32 1.49 -0.28	46.78 1.53 0.00	38.53 1.77 0.00	35.58 1.67 -1.35	44.90 1.90 -9.77	73.78 1.08 -54.62	34.24 1.84 -0.02	38.15 2.13 0.13	49.21 2.13 -9.84	54.16 2.46 -11.59	71.89 2.60 -29.91	97.85 2.78 -49.88	69.89 2.73 -18.19	45.52 2.07 -2.36	41.09 1.96 0.00	41.39 1.58 0.00	41.10 1.33 -0.05	48.55 1.65 -1.52
BROOKLYN_NAVY_YARD 23515	31.98 0.99 0.01	33.82 0.76 0.00	27.65 0.70 0.00	29.41 0.75 0.00	31.94 0.81 0.00	32.56 0.92 0.00	42.72 1.18 0.00	46.83 1.59 0.00	38.60 1.84 0.00	35.81 1.89 -1.37	40.67 2.09 -5.35	70.22 1.23 -50.91	34.67 2.30 0.00	38.85 2.70 0.00	40.18 2.94 0.00	43.35 3.25 0.00	42.70 3.31 0.00	48.61 3.41 0.00	52.47 3.50 0.00	43.88 2.78 0.00	41.60 2.47 0.00	42.03 2.22 0.00	41.91 2.20 0.00	47.59 2.21 0.00
BROOKLYN___ARMY_DRP 323595	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.93 0.00	32.13 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.30 1.37 -50.85	34.84 2.46 0.00	39.01 2.86 0.00	40.36 3.12 0.00	43.52 3.41 0.00	42.88 3.49 0.00	48.71 3.52 0.00	52.59 3.62 0.00	44.00 2.90 0.00	41.80 2.67 0.00	42.32 2.51 0.00	42.17 2.46 0.00	47.72 2.34 0.00
BROOME_2_LFGE 323671	30.59 -0.41 0.00	32.68 -0.38 0.00	26.47 -0.47 0.00	28.32 -0.34 0.00	30.70 -0.42 0.00	31.24 -0.40 0.00	41.10 -0.44 0.00	44.58 -0.67 0.00	36.05 -0.70 0.01	31.93 -0.61 0.02	32.64 -0.60 0.00	17.69 -0.39 0.00	31.86 -0.51 0.00	35.68 -0.47 0.00	36.75 -0.49 0.00	39.58 -0.52 0.00	38.94 -0.45 0.00	44.63 -0.56 0.00	48.47 -0.50 0.00	40.66 -0.44 0.00	37.78 -0.49 0.85	39.20 -0.57 0.04	39.17 -0.55 0.00	44.89 -0.49 0.00
BROOME___LFGE 323600	30.59 -0.41 0.00	32.68 -0.38 0.00	26.47 -0.47 0.00	28.32 -0.34 0.00	30.70 -0.42 0.00	31.24 -0.40 0.00	41.10 -0.44 0.00	44.58 -0.67 0.00	36.05 -0.70 0.01	31.93 -0.61 0.02	32.64 -0.60 0.00	17.69 -0.39 0.00	31.86 -0.51 0.00	35.68 -0.47 0.00	36.75 -0.49 0.00	39.58 -0.52 0.00	38.94 -0.45 0.00	44.63 -0.56 0.00	48.47 -0.50 0.00	40.66 -0.44 0.00	37.78 -0.49 0.85	39.20 -0.57 0.04	39.17 -0.55 0.00	44.89 -0.49 0.00
BROWNFLS_115KV_TB_3_5 80003	32.01 1.02 0.00	34.39 1.32 0.00	27.88 0.93 0.00	29.42 0.76 0.00	31.80 0.68 0.00	32.31 0.67 0.00	42.58 1.04 0.00	46.52 1.28 0.00	37.42 0.66 0.00	32.96 0.41 0.00	33.42 0.19 0.00	17.95 -0.12 0.00	31.82 -0.56 0.00	35.41 -0.74 0.00	36.59 -0.65 0.00	39.39 -0.71 0.00	38.67 -0.73 0.00	45.21 0.01 0.00	49.57 0.60 0.00	41.78 0.68 0.00	39.75 0.62 0.00	40.27 0.46 0.00	40.15 0.43 0.00	45.94 0.56 0.00
BROWNSV1_27_KV_LOAD 356125	32.39 1.39 0.00	34.22 1.15 0.00	27.96 1.01 0.00	29.74 1.08 0.00	32.30 1.18 0.00	32.94 1.30 0.00	43.22 1.68 0.00	47.40 2.15 0.00	39.05 2.28 0.00	36.21 2.29 -1.37	41.09 2.51 -5.35	70.47 1.48 -50.91	35.12 2.74 0.00	39.34 3.19 0.00	40.70 3.46 0.00	43.92 3.81 0.00	43.26 3.87 0.00	49.25 4.06 0.00	53.15 4.18 0.00	44.44 3.34 0.00	42.16 3.03 0.00	42.59 2.78 0.00	42.43 2.71 0.00	48.22 2.84 0.00
BURROWS___LYONSDAL 23803	31.74 0.74 0.00	34.01 0.94 0.00	27.60 0.65 0.00	29.14 0.49 0.00	31.49 0.37 0.00	31.99 0.35 0.00	42.09 0.56 0.00	46.10 0.86 0.00	37.29 0.53 0.00	32.91 0.35 0.00	33.36 0.13 0.00	17.93 -0.15 0.00	31.81 -0.57 0.00	35.54 -0.61 0.00	36.70 -0.55 0.00	39.48 -0.63 0.00	38.86 -0.53 0.00	45.27 0.08 0.00	49.83 0.86 0.00	41.92 0.82 0.00	39.74 0.62 0.00	40.17 0.35 0.00	40.00 0.29 0.00	45.84 0.46 0.00
CAITHNESS_CC_1 323624	48.53 0.97 -16.56	36.88 0.78 -3.04	29.23 0.73 -1.56	28.44 0.77 0.98	32.96 0.91 -0.92	35.58 1.06 -2.88	43.29 1.47 -0.28	46.81 1.56 0.00	38.57 1.81 0.00	35.59 1.68 -1.35	44.91 1.93 -9.75	73.78 1.12 -54.59	34.21 1.84 0.01	38.10 2.12 0.16	49.14 2.14 -9.76	54.12 2.48 -11.54	71.73 2.57 -29.77	97.63 2.75 -49.68	69.84 2.68 -18.19	45.48 2.03 -2.36	41.06 1.93 0.00	41.39 1.58 0.00	41.10 1.33 -0.05	48.57 1.67 -1.52
CALPINE BETH_PAGE_GT4 24209	73.57 1.33 -41.24	45.66 1.16 -11.44	40.06 1.09 -12.02	37.49 1.21 -7.63	41.08 1.38 -8.58	43.92 1.39 -10.88	44.50 1.88 -1.08	47.35 2.10 0.00	39.02 2.26 0.00	36.06 2.15 -1.36	54.52 2.31 -18.98	90.72 1.34 -71.30	47.83 2.33 -13.12	56.58 2.68 -17.74	86.94 2.82 -46.88	80.99 3.14 -37.74	139.98 3.27 -97.32	193.19 3.39 -144.61	74.91 3.36 -22.58	46.68 2.66 -2.92	41.54 2.41 0.00	41.93 2.12 0.00	41.74 1.96 -0.06	49.70 2.42 -1.89
CALPINE_BETH_PAGE_GT_4 323586	73.55 1.31 -41.24	45.65 1.14 -11.44	40.02 1.05 -12.02	37.45 1.16 -7.63	41.05 1.34 -8.58	43.91 1.39 -10.88	44.46 1.85 -1.08	47.34 2.10 0.00	39.02 2.26 0.00	36.06 2.14 -1.36	54.52 2.31 -18.98	90.73 1.35 -71.30	47.81 2.31 -13.12	56.55 2.66 -17.74	86.93 2.81 -46.88	80.98 3.14 -37.74	139.95 3.24 -97.32	193.19 3.39 -144.61	74.92 3.36 -22.58	46.68 2.66 -2.92	41.54 2.41 0.00	41.93 2.12 0.00	41.73 1.95 -0.06	49.69 2.42 -1.89
CALPINE_BP_GT1 23823	73.55 1.31 -41.24	45.65 1.14 -11.44	40.02 1.05 -12.02	37.45 1.16 -7.63	41.05 1.34 -8.58	43.91 1.39 -10.88	44.46 1.85 -1.08	47.34 2.10 0.00	39.02 2.26 0.00	36.06 2.14 -1.36	54.52 2.31 -18.98	90.73 1.35 -71.30	47.81 2.31 -13.12	56.55 2.66 -17.74	86.93 2.81 -46.88	80.98 3.14 -37.74	139.95 3.24 -97.32	193.19 3.39 -144.61	74.92 3.36 -22.58	46.68 2.66 -2.92	41.54 2.41 0.00	41.93 2.12 0.00	41.73 1.95 -0.06	49.69 2.42 -1.89
CALSPAN___DRP 24200	29.06 -1.94 0.00	31.13 -1.94 0.00	24.94 -2.01 0.00	26.89 -1.77 0.00	28.97 -2.16 0.00	29.67 -1.97 0.00	39.34 -2.20 0.00	41.88 -3.37 0.00	33.37 -3.36 0.03	26.47 -2.87 3.21	29.61 -3.04 0.58	13.81 -1.80 2.47	14.90 -2.97 14.51	17.51 -3.34 15.30	18.20 -3.52 15.52	20.23 -3.76 16.12	19.56 -3.84 15.99	23.45 -4.57 17.17	26.09 -4.82 18.06	27.81 -3.94 9.35	32.57 -3.73 2.83	35.83 -3.77 0.22	36.35 -3.37 0.00	42.55 -2.83 0.00

CALVERTON___SOLAR 323806	48.58 0.96 -16.62	36.88 0.76 -3.05	29.21 0.69 -1.58	28.40 0.70 0.96	32.93 0.87 -0.94	35.60 1.06 -2.90	43.32 1.50 -0.28	46.76 1.52 0.00	38.52 1.77 0.00	35.57 1.66 -1.35	44.90 1.89 -9.78	73.81 1.11 -54.63	34.25 1.84 -0.03	38.16 2.13 0.11	49.21 2.10 -9.86	54.18 2.47 -11.61	71.94 2.60 -29.95	98.00 2.87 -49.93	69.97 2.80 -18.19	45.58 2.12 -2.36	41.13 2.00 0.00	41.43 1.62 0.00	41.13 1.36 -0.05	48.56 1.66 -1.52
CANDIGU_WT_PWR 323617	29.76 -1.24 0.00	31.90 -1.16 0.00	25.58 -1.36 0.00	27.51 -1.15 0.00	29.69 -1.43 0.00	30.28 -1.36 0.00	39.91 -1.62 0.00	42.55 -2.70 0.00	33.94 -2.77 0.05	13.88 -2.53 16.13	27.69 -2.62 2.91	4.02 -1.57 12.50	-43.75 -2.65 73.47	-44.28 -2.95 77.48	-44.41 -3.05 78.61	-44.89 -3.17 81.82	-44.82 -2.99 81.22	-45.66 -3.41 87.44	-46.38 -3.40 91.95	-9.29 -2.79 47.60	28.54 -2.71 7.88	36.39 -2.66 0.76	37.46 -2.26 0.00	43.50 -1.88 0.00
CARR STREET_E_SYR 24060	30.32 -0.68 0.00	32.32 -0.75 0.00	26.27 -0.68 0.00	27.99 -0.67 0.00	30.39 -0.74 0.00	30.94 -0.70 0.00	40.70 -0.84 0.00	44.23 -1.02 0.00	35.87 -0.89 0.00	31.75 -0.81 0.00	32.41 -0.82 0.00	17.61 -0.47 0.00	31.60 -0.78 0.00	35.31 -0.84 0.00	36.35 -0.90 0.00	39.09 -1.02 0.00	38.47 -0.92 0.00	44.19 -1.01 0.00	47.96 -1.01 0.00	40.30 -0.80 0.00	38.35 -0.78 0.00	38.96 -0.85 0.00	38.87 -0.85 0.00	44.54 -0.84 0.00
CARTHAGE___PAPER 23857	32.18 1.18 0.00	34.54 1.47 0.00	27.95 1.01 0.00	29.39 0.74 0.00	31.69 0.57 0.00	32.21 0.57 0.00	42.36 0.82 0.00	46.59 1.34 0.00	37.48 0.73 0.00	33.00 0.45 0.00	33.35 0.12 0.00	17.72 -0.36 0.00	31.21 -1.17 0.00	34.72 -1.43 0.00	35.99 -1.25 0.00	38.74 -1.36 0.00	38.10 -1.29 0.00	44.83 -0.36 0.00	49.89 0.92 0.00	42.10 1.00 0.00	40.00 0.87 0.00	40.34 0.52 0.00	40.18 0.46 0.00	45.99 0.62 0.00
CASSADAGA_WT_PWR 323784	29.37 -1.63 0.00	31.42 -1.65 0.00	24.96 -1.99 0.00	26.84 -1.82 0.00	28.97 -2.15 0.00	29.60 -2.04 0.00	39.14 -2.40 0.00	41.48 -3.76 0.04	33.13 -3.59 2.16	27.66 -2.74 0.38	29.68 -3.16 1.65	14.21 -2.22 9.67	19.35 -3.36 10.20	22.50 -3.45 10.35	23.40 -3.50 11.34	24.90 -3.87 11.36	23.93 -4.11 11.36	27.54 -4.85 12.80	30.88 -4.63 13.46	30.57 -3.56 6.97	32.90 -3.44 2.79	36.23 -3.39 0.20	36.55 -3.17 0.00	43.23 -2.15 0.00
CE_DUNWOOD___DRP 24194	31.99 0.99 0.00	33.87 0.80 0.00	27.69 0.74 0.00	29.46 0.81 0.00	32.01 0.88 0.00	32.59 0.96 0.00	42.72 1.18 0.00	46.82 1.57 0.00	38.49 1.73 0.00	35.71 1.74 -1.41	40.70 1.94 -5.53	71.86 1.13 -52.65	34.46 2.09 0.00	38.60 2.45 0.00	39.93 2.69 0.00	43.10 2.99 0.00	42.44 3.05 0.00	48.37 3.18 0.00	52.25 3.28 0.00	43.69 2.59 0.00	41.44 2.31 0.00	41.91 2.10 0.00	41.75 2.03 0.00	47.50 2.12 0.00
CE_MILLWOOD___DRP 24193	31.93 0.94 0.00	33.82 0.75 0.00	27.64 0.70 0.00	29.42 0.76 0.00	31.96 0.84 0.00	32.54 0.90 0.00	42.65 1.12 0.00	46.73 1.49 0.00	38.40 1.64 0.00	35.66 1.67 -1.43	40.69 1.85 -5.61	72.58 1.08 -53.43	34.37 1.99 0.00	38.50 2.35 0.00	39.82 2.58 0.00	42.99 2.88 0.00	42.33 2.94 0.00	48.25 3.06 0.00	52.13 3.15 0.00	43.58 2.48 0.00	41.35 2.22 0.00	41.81 2.00 0.00	41.64 1.92 0.00	47.39 2.01 0.00
CE_NYC2_DRP 24202	32.09 1.09 0.00	33.95 0.88 0.00	27.76 0.81 0.00	29.51 0.86 0.00	32.06 0.94 0.00	32.73 1.09 0.00	42.88 1.34 0.00	46.98 1.74 0.00	38.74 1.98 0.00	35.95 2.03 -1.37	40.78 2.20 -5.35	70.26 1.33 -50.85	34.78 2.40 0.00	38.95 2.80 0.00	40.31 3.07 0.00	43.47 3.37 0.00	42.83 3.44 0.00	48.70 3.51 0.00	52.57 3.60 0.00	43.99 2.89 0.00	41.76 2.63 0.00	42.23 2.41 0.00	42.09 2.38 0.00	47.70 2.32 0.00
CE_NYC_DRP 24195	32.13 1.13 0.00	33.96 0.89 0.00	27.75 0.81 0.00	29.52 0.86 0.00	32.07 0.95 0.00	32.70 1.06 0.00	42.87 1.33 0.00	47.00 1.75 0.00	38.72 1.96 0.00	35.92 2.00 -1.37	40.79 2.20 -5.35	70.31 1.31 -50.92	34.80 2.42 0.00	38.98 2.83 0.00	40.34 3.09 0.00	43.52 3.42 0.00	42.87 3.48 0.00	48.79 3.59 0.00	52.67 3.70 0.00	44.04 2.94 0.00	41.77 2.64 0.00	42.22 2.40 0.00	42.06 2.34 0.00	47.79 2.41 0.00
CHAFFEE___LFGE 323603	29.09 -1.91 0.00	31.14 -1.93 0.00	24.95 -1.99 0.00	26.91 -1.75 0.00	28.97 -2.16 0.00	29.70 -1.94 0.00	39.40 -2.14 0.00	41.99 -3.25 0.00	33.48 -3.25 0.03	27.12 -2.78 2.65	29.81 -2.95 0.48	14.30 -1.75 2.03	17.64 -2.79 11.95	20.42 -3.13 12.60	21.17 -3.29 12.78	23.30 -3.49 13.31	22.61 -3.56 13.21	26.64 -4.26 14.29	29.41 -4.53 15.02	29.60 -3.71 7.78	32.78 -3.56 2.79	36.00 -3.61 0.20	36.45 -3.26 0.00	42.59 -2.79 0.00
CHATEAUG_35_KV_LOAD 355732	31.81 0.81 0.00	34.19 1.12 0.00	27.96 1.02 0.00	29.70 1.04 0.00	32.21 1.09 0.00	32.66 1.02 0.00	42.84 1.30 0.00	46.45 1.21 0.00	37.46 0.70 0.00	33.15 0.60 0.00	33.65 0.42 0.00	18.10 0.02 0.00	32.30 -0.08 0.00	35.82 -0.32 0.00	36.79 -0.45 0.00	39.45 -0.66 0.00	38.53 -0.86 0.00	44.71 -0.48 0.00	48.68 -0.29 0.00	40.69 -0.40 0.00	38.76 -0.37 0.00	39.25 -0.56 0.00	39.45 -0.27 0.00	45.01 -0.37 0.00
CHATEAUG_WT_PWR 323614	31.71 0.72 0.00	34.06 1.00 0.00	27.89 0.94 0.00	29.62 0.96 0.00	32.13 1.01 0.00	32.58 0.94 0.00	42.69 1.15 0.00	46.32 1.07 0.00	37.46 0.70 0.00	33.16 0.61 0.00	33.67 0.43 0.00	18.11 0.03 0.00	32.29 -0.08 0.00	35.82 -0.33 0.00	36.78 -0.46 0.00	39.43 -0.68 0.00	38.48 -0.91 0.00	44.70 -0.49 0.00	48.63 -0.34 0.00	40.59 -0.51 0.00	38.66 -0.46 0.00	39.10 -0.72 0.00	39.33 -0.38 0.00	44.87 -0.51 0.00
CHAT_HIGH_FALL_HYD 323578	31.81 0.81 0.00	34.19 1.12 0.00	27.96 1.02 0.00	29.70 1.04 0.00	32.21 1.09 0.00	32.66 1.02 0.00	42.84 1.30 0.00	46.45 1.21 0.00	37.46 0.70 0.00	33.15 0.60 0.00	33.65 0.42 0.00	18.10 0.02 0.00	32.30 -0.08 0.00	35.82 -0.32 0.00	36.79 -0.45 0.00	39.45 -0.66 0.00	38.53 -0.86 0.00	44.71 -0.48 0.00	48.68 -0.29 0.00	40.69 -0.40 0.00	38.76 -0.37 0.00	39.25 -0.56 0.00	39.45 -0.27 0.00	45.01 -0.37 0.00
CHAUTAUQUA___LFGE 323629	29.25 -1.75 0.00	31.37 -1.70 0.00	25.00 -1.94 0.00	26.95 -1.70 0.00	29.06 -2.07 0.00	29.71 -1.93 0.00	39.24 -2.30 0.00	41.70 -3.54 0.00	33.27 -3.46 0.03	26.97 -2.82 2.77	29.66 -3.07 0.49	13.91 -2.04 2.13	16.83 -3.06 12.49	19.79 -3.19 13.17	20.64 -3.24 13.36	21.85 -3.58 14.68	21.06 -3.72 14.61	25.46 -4.31 15.42	28.31 -4.44 16.22	29.17 -3.53 8.40	32.88 -3.40 2.84	36.21 -3.39 0.21	36.62 -3.09 0.00	43.07 -2.31 0.00
CHERRYST_13_KV_LD 356241	32.22 1.22 0.00	34.05 0.98 0.00	27.83 0.88 0.00	29.60 0.94 0.00	32.16 1.03 0.00	32.80 1.16 0.00	43.01 1.47 0.00	47.16 1.91 0.00	38.86 2.10 0.00	36.05 2.13 -1.37	40.93 2.34 -5.35	70.38 1.38 -50.92	34.94 2.56 0.00	39.14 2.99 0.00	40.51 3.26 0.00	43.70 3.59 0.00	43.03 3.64 0.00	48.98 3.79 0.00	52.86 3.89 0.00	44.19 3.10 0.00	41.91 2.78 0.00	42.34 2.53 0.00	42.19 2.47 0.00	47.94 2.56 0.00

CHESTROR_138KV_BK263 355645	31.63 0.64 0.00	33.56 0.49 0.00	27.41 0.47 0.00	29.18 0.52 0.00	31.70 0.57 0.00	32.26 0.62 0.00	42.25 0.71 0.00	46.23 0.99 0.00	37.88 1.12 0.00	32.21 1.17 1.51	28.60 1.29 5.92	-37.21 0.74 56.04	33.83 1.45 0.00	37.92 1.77 0.00	39.24 1.99 0.00	42.34 2.24 0.00	41.65 2.26 0.00	47.49 2.30 0.00	51.36 2.39 0.00	42.97 1.88 0.00	40.79 1.66 0.00	41.29 1.47 0.00	41.11 1.40 0.00	46.86 1.48 0.00
CH_MIDHUDSON___DRP 24192	31.96 0.96 0.00	33.85 0.79 0.00	27.70 0.76 0.00	29.50 0.84 0.00	32.06 0.93 0.00	32.59 0.95 0.00	42.71 1.17 0.00	46.80 1.56 0.00	38.43 1.67 0.00	34.57 1.67 -0.35	36.43 1.82 -1.38	31.29 1.04 -12.18	34.27 1.90 0.00	38.35 2.20 0.00	39.68 2.44 0.00	42.82 2.72 0.00	42.21 2.82 0.00	48.19 3.00 0.00	52.08 3.11 0.00	43.53 2.44 0.00	41.32 2.19 0.00	41.80 1.98 0.00	41.61 1.89 0.00	47.35 1.97 0.00
CH_MISC_IPPS 23765	32.15 1.15 0.00	34.06 0.99 0.00	27.84 0.90 0.00	29.64 0.98 0.00	32.21 1.08 0.00	32.77 1.13 0.00	42.97 1.43 0.00	47.08 1.84 0.00	38.64 1.88 0.00	34.62 1.87 -0.21	36.07 2.04 -0.81	21.21 1.10 -2.04	34.41 2.03 0.00	38.54 2.39 0.00	39.91 2.66 0.00	43.08 2.97 0.00	42.45 3.06 0.00	48.46 3.26 0.00	52.38 3.41 0.00	43.79 2.69 0.00	41.53 2.41 0.00	42.02 2.21 0.00	41.83 2.11 0.00	47.60 2.22 0.00
CH_RES_BVR_FALLS 23983	31.04 0.04 0.00	33.16 0.09 0.00	27.00 0.05 0.00	28.66 0.00 0.00	31.08 -0.04 0.00	31.56 -0.08 0.00	41.49 -0.05 0.00	45.23 -0.02 0.00	36.71 -0.05 0.00	32.48 -0.07 0.00	33.10 -0.13 0.00	17.95 -0.13 0.00	32.07 -0.31 0.00	35.74 -0.41 0.00	36.79 -0.46 0.00	39.60 -0.51 0.00	38.89 -0.50 0.00	44.81 -0.38 0.00	48.65 -0.32 0.00	40.82 -0.28 0.00	38.79 -0.34 0.00	39.38 -0.43 0.00	39.28 -0.44 0.00	45.03 -0.35 0.00
CH_RES_NIAGARA 23895	28.29 -2.71 0.00	30.29 -2.78 0.00	24.31 -2.63 0.00	26.22 -2.43 0.00	28.25 -2.87 0.00	28.98 -2.66 0.00	38.42 -3.12 0.00	40.80 -4.44 0.00	32.47 -4.26 0.03	26.38 -3.57 2.60	28.99 -3.78 0.47	13.96 -2.12 2.00	17.06 -3.56 11.75	19.67 -4.08 12.39	20.34 -4.33 12.57	22.38 -4.68 13.05	21.67 -4.78 12.94	25.62 -5.67 13.90	28.31 -6.04 14.61	28.54 -5.00 7.57	31.87 -4.84 2.42	34.68 -4.95 0.18	35.26 -4.46 0.00	41.29 -4.09 0.00
CH_RES_SYRACUSE 23985	30.50 -0.50 0.00	32.52 -0.55 0.00	26.43 -0.51 0.00	28.16 -0.50 0.00	30.57 -0.56 0.00	31.12 -0.52 0.00	40.95 -0.59 0.00	44.50 -0.74 0.00	36.06 -0.70 0.00	31.90 -0.65 0.00	32.55 -0.68 0.00	17.68 -0.40 0.00	31.73 -0.64 0.00	35.46 -0.69 0.00	36.49 -0.76 0.00	39.31 -0.80 0.00	38.74 -0.65 0.00	44.55 -0.65 0.00	48.38 -0.59 0.00	40.65 -0.44 0.00	38.69 -0.44 0.00	39.30 -0.51 0.00	39.17 -0.55 0.00	44.78 -0.60 0.00
CLINTON_WT_PWR 323605	31.71 0.72 0.00	34.06 1.00 0.00	27.89 0.94 0.00	29.62 0.96 0.00	32.13 1.01 0.00	32.58 0.94 0.00	42.69 1.15 0.00	46.32 1.07 0.00	37.46 0.70 0.00	33.16 0.61 0.00	33.67 0.43 0.00	18.11 0.03 0.00	32.29 -0.08 0.00	35.82 -0.33 0.00	36.78 -0.46 0.00	39.43 -0.68 0.00	38.48 -0.91 0.00	44.70 -0.49 0.00	48.63 -0.34 0.00	40.59 -0.51 0.00	38.66 -0.46 0.00	39.10 -0.72 0.00	39.33 -0.38 0.00	44.87 -0.51 0.00
CLINTON___LFGE 323618	32.05 1.05 0.00	34.41 1.34 0.00	28.26 1.32 0.00	30.01 1.36 0.00	32.57 1.45 0.00	33.01 1.37 0.00	43.23 1.69 0.00	46.94 1.70 0.00	37.87 1.11 0.00	33.50 0.95 0.00	33.96 0.73 0.00	18.24 0.16 0.00	32.49 0.11 0.00	36.00 -0.15 0.00	36.95 -0.30 0.00	39.58 -0.52 0.00	38.55 -0.84 0.00	44.91 -0.28 0.00	49.15 0.17 0.00	40.91 -0.19 0.00	39.01 -0.12 0.00	39.34 -0.47 0.00	39.62 -0.10 0.00	45.21 -0.18 0.00
COBBLENY_34_KV_TB1 80064	29.09 -1.91 0.00	31.14 -1.93 0.00	24.96 -1.99 0.00	26.91 -1.75 0.00	28.98 -2.14 0.00	29.70 -1.94 0.00	39.40 -2.14 0.00	41.99 -3.26 0.00	33.48 -3.25 0.03	27.12 -2.78 2.65	29.80 -2.95 0.48	14.29 -1.76 2.03	17.58 -2.85 11.95	20.33 -3.22 12.60	21.09 -3.38 12.78	23.21 -3.59 13.31	22.51 -3.66 13.21	26.54 -4.37 14.29	29.33 -4.61 15.02	29.54 -3.77 7.78	32.78 -3.56 2.79	35.99 -3.62 0.20	36.45 -3.26 0.00	42.59 -2.79 0.00
COFFEEN___115KV_TB3 355620	32.23 1.23 0.00	34.51 1.44 0.00	27.91 0.97 0.00	29.36 0.71 0.00	31.68 0.56 0.00	32.24 0.60 0.00	42.36 0.82 0.00	46.61 1.37 0.00	37.43 0.67 0.00	32.93 0.38 0.00	33.25 0.03 0.00	17.60 -0.48 0.00	30.95 -1.43 0.00	34.44 -1.71 0.00	35.86 -1.39 0.00	38.48 -1.63 0.00	37.81 -1.58 0.00	44.52 -0.67 0.00	49.93 0.95 0.00	42.19 1.09 0.00	40.23 1.10 0.00	40.54 0.73 0.00	40.35 0.63 0.00	46.13 0.75 0.00
COLDSPRG_115KV_BK1 355956	29.71 -1.29 0.00	31.80 -1.27 0.00	25.38 -1.57 0.00	27.36 -1.30 0.00	29.53 -1.60 0.00	30.21 -1.44 0.00	40.10 -1.43 0.00	42.86 -2.39 0.00	34.26 -2.47 0.04	29.31 -1.89 1.35	30.89 -2.10 0.24	15.53 -1.53 1.02	24.18 -2.21 5.99	27.57 -2.27 6.31	28.48 -2.36 6.41	30.57 -2.57 6.97	29.59 -2.76 7.04	33.05 -3.48 8.66	36.48 -3.38 9.11	33.72 -2.67 4.72	33.87 -2.55 2.71	37.02 -2.62 0.18	37.29 -2.43 0.00	43.63 -1.75 0.00
COLONIE_LFGE___ 323577	31.88 0.88 0.00	33.88 0.81 0.00	27.80 0.86 0.00	29.54 0.88 0.00	32.14 1.01 0.00	32.62 0.98 0.00	42.58 1.04 0.00	46.64 1.40 0.00	38.06 1.30 0.00	34.01 1.19 -0.26	35.48 1.21 -1.03	28.56 0.69 -9.79	33.51 1.13 0.00	37.35 1.20 0.00	38.50 1.25 0.00	41.47 1.36 0.00	40.92 1.53 0.00	46.86 1.67 0.00	50.79 1.82 0.00	42.49 1.39 0.00	40.51 1.38 0.00	41.21 1.40 0.00	41.04 1.32 0.00	46.79 1.42 0.00
COOPERNY_115KV_TB1 80082	31.38 0.38 0.00	33.35 0.28 0.00	27.20 0.26 0.00	28.97 0.31 0.00	31.47 0.35 0.00	32.02 0.38 0.00	41.95 0.42 0.00	45.82 0.57 0.00	37.45 0.69 0.00	32.44 0.74 0.84	30.74 0.82 3.31	-12.67 0.48 31.23	33.37 0.99 0.00	37.38 1.23 0.00	38.60 1.36 0.00	41.62 1.52 0.00	40.91 1.53 0.00	46.70 1.51 0.00	50.54 1.57 0.00	42.34 1.24 0.00	40.20 1.07 0.00	40.75 0.93 0.00	40.61 0.89 0.00	46.33 0.95 0.00
COPENHAGEN_WT_PWR 323753	31.77 0.77 0.00	34.05 0.98 0.00	27.54 0.60 0.00	28.90 0.25 0.00	31.14 0.02 0.00	31.61 -0.03 0.00	41.41 -0.13 0.00	45.74 0.49 0.00	36.93 0.16 0.00	32.63 0.07 0.00	32.94 -0.29 0.00	17.44 -0.64 0.00	30.60 -1.78 0.00	34.02 -2.14 0.00	35.37 -1.88 0.00	37.98 -2.12 0.00	37.29 -2.10 0.00	43.99 -1.20 0.00	49.12 0.15 0.00	41.43 0.34 0.00	39.30 0.17 0.00	39.56 -0.25 0.00	39.43 -0.29 0.00	45.12 -0.26 0.00
CORNELL_____ 23752	31.04 0.04 0.00	33.11 0.05 0.00	26.85 -0.10 0.00	28.64 -0.02 0.00	31.07 -0.06 0.00	31.65 0.01 0.00	41.73 0.19 0.00	45.25 0.01 0.00	36.68 -0.22 -0.14	33.24 -0.41 -1.09	32.88 -0.52 -0.17	18.43 -0.37 -0.72	36.08 -0.50 -4.20	40.13 -0.45 -4.43	41.05 -0.69 -4.49	44.06 -0.72 -4.67	43.53 -0.49 -4.63	49.99 -0.20 -4.99	54.45 0.16 -5.31	44.16 0.27 -2.79	47.86 0.21 -8.52	40.35 0.07 -0.46	39.77 0.05 0.00	45.47 0.09 0.00

CORONA V_69_KV_TB1 355595	267.41 1.48 -234.93	80.83 1.33 -46.44	84.58 1.25 -56.39	75.30 1.37 -45.28	73.76 1.50 -41.14	77.09 1.52 -43.93	47.92 2.01 -4.37	47.57 2.31 -0.02	39.16 2.39 -0.02	36.28 2.30 -1.43	151.97 2.57 -116.18	268.90 1.49 -249.33	191.41 2.68 -156.35	263.40 3.12 -224.13	499.91 3.30 -459.36	361.97 3.62 -318.25	863.69 3.74 -820.57	1191.82 3.90 -1142.72	85.64 4.03 -32.64	48.52 3.19 -4.23	42.04 2.91 0.00	42.44 2.62 0.00	42.22 2.41 -0.09	50.88 2.77 -2.73
CORTLAND_115KV_TB3 80093	30.84 -0.16 0.00	32.91 -0.15 0.00	26.71 -0.24 0.00	28.49 -0.16 0.00	30.91 -0.21 0.00	31.47 -0.17 0.00	41.43 -0.11 0.00	44.99 -0.26 0.00	36.44 -0.35 -0.04	32.18 -0.41 -0.04	32.77 -0.46 0.00	17.78 -0.31 0.00	31.96 -0.42 0.00	35.76 -0.39 0.00	36.78 -0.47 0.00	39.60 -0.50 0.00	39.03 -0.36 0.00	44.91 -0.28 0.00	48.93 -0.04 0.00	41.13 0.03 0.00	41.32 -0.02 -2.21	39.80 -0.13 -0.11	39.58 -0.14 0.00	45.28 -0.10 0.00
COXSACKIE__GT 23611	32.32 1.32 0.00	34.28 1.22 0.00	28.14 1.19 0.00	29.91 1.25 0.00	32.51 1.39 0.00	33.04 1.41 0.00	43.31 1.77 0.00	47.54 2.30 0.00	38.73 1.97 0.00	34.29 1.61 -0.13	34.97 1.24 -0.50	23.65 0.73 -4.84	33.37 1.00 0.00	37.16 1.00 0.00	38.36 1.12 0.00	41.47 1.37 0.00	41.00 1.61 0.00	47.35 2.16 0.00	51.72 2.74 0.00	43.47 2.38 0.00	41.41 2.28 0.00	42.06 2.25 0.00	41.82 2.10 0.00	47.69 2.31 0.00
CPV_VALLEY__CC1 323721	31.43 0.43 0.00	33.36 0.29 0.00	27.24 0.29 0.00	28.99 0.34 0.00	31.50 0.38 0.00	32.05 0.41 0.00	41.96 0.42 0.00	45.90 0.66 0.00	37.59 0.83 0.00	32.27 0.90 1.19	29.60 1.01 4.64	-25.24 0.61 43.93	33.63 1.25 0.00	37.69 1.54 0.00	38.97 1.73 0.00	42.02 1.91 0.00	41.30 1.91 0.00	47.05 1.86 0.00	50.90 1.93 0.00	42.58 1.49 0.00	40.42 1.29 0.00	40.93 1.12 0.00	40.77 1.06 0.00	46.48 1.10 0.00
CPV_VALLEY__CC2 323722	31.43 0.43 0.00	33.36 0.29 0.00	27.24 0.29 0.00	28.99 0.34 0.00	31.50 0.38 0.00	32.05 0.41 0.00	41.96 0.42 0.00	45.90 0.66 0.00	37.59 0.83 0.00	32.27 0.90 1.19	29.60 1.01 4.64	-25.24 0.61 43.93	33.63 1.25 0.00	37.69 1.54 0.00	38.97 1.73 0.00	42.02 1.91 0.00	41.30 1.91 0.00	47.05 1.86 0.00	50.90 1.93 0.00	42.58 1.49 0.00	40.42 1.29 0.00	40.93 1.12 0.00	40.77 1.06 0.00	46.48 1.10 0.00
CRESCENT__HYD 24018	31.88 0.88 0.00	33.88 0.81 0.00	27.80 0.86 0.00	29.54 0.88 0.00	32.14 1.01 0.00	32.62 0.98 0.00	42.58 1.04 0.00	46.64 1.40 0.00	38.06 1.30 0.00	34.01 1.19 -0.26	35.48 1.21 -1.03	28.56 0.69 -9.79	33.51 1.13 0.00	37.35 1.20 0.00	38.50 1.25 0.00	41.47 1.36 0.00	40.92 1.53 0.00	46.86 1.67 0.00	50.79 1.82 0.00	42.49 1.39 0.00	40.51 1.38 0.00	41.21 1.40 0.00	41.04 1.32 0.00	46.79 1.42 0.00
CRICKET__VALLEY_CC1 323756	31.56 0.56 0.00	33.43 0.37 0.00	27.45 0.51 0.00	29.25 0.59 0.00	31.80 0.67 0.00	32.24 0.60 0.00	42.18 0.64 0.00	46.30 1.05 0.00	38.03 1.27 0.00	34.65 1.30 -0.80	37.84 1.47 -3.14	48.60 0.85 -29.68	33.90 1.52 0.00	37.88 1.74 0.00	39.18 1.94 0.00	42.28 2.18 0.00	41.75 2.36 0.00	47.69 2.50 0.00	51.54 2.56 0.00	43.03 1.93 0.00	40.85 1.72 0.00	41.36 1.55 0.00	41.15 1.43 0.00	46.74 1.35 0.00
CRICKET__VALLEY_CC2 323757	31.56 0.56 0.00	33.43 0.37 0.00	27.45 0.51 0.00	29.25 0.59 0.00	31.80 0.67 0.00	32.24 0.60 0.00	42.18 0.64 0.00	46.30 1.05 0.00	38.03 1.27 0.00	34.65 1.30 -0.80	37.84 1.47 -3.14	48.60 0.85 -29.68	33.90 1.52 0.00	37.88 1.74 0.00	39.18 1.94 0.00	42.28 2.18 0.00	41.75 2.36 0.00	47.69 2.50 0.00	51.54 2.56 0.00	43.03 1.93 0.00	40.85 1.72 0.00	41.36 1.55 0.00	41.15 1.43 0.00	46.74 1.35 0.00
CRICKET__VALLEY_CC3 323758	31.56 0.56 0.00	33.43 0.37 0.00	27.45 0.51 0.00	29.25 0.59 0.00	31.80 0.67 0.00	32.24 0.60 0.00	42.18 0.64 0.00	46.30 1.05 0.00	38.03 1.27 0.00	34.65 1.30 -0.80	37.84 1.47 -3.14	48.60 0.85 -29.68	33.90 1.52 0.00	37.88 1.74 0.00	39.18 1.94 0.00	42.28 2.18 0.00	41.75 2.36 0.00	47.69 2.50 0.00	51.54 2.56 0.00	43.03 1.93 0.00	40.85 1.72 0.00	41.36 1.55 0.00	41.15 1.43 0.00	46.74 1.35 0.00
CRUCIBLE_METL_DRP 24180	30.50 -0.49 0.00	32.52 -0.54 0.00	26.43 -0.51 0.00	28.16 -0.50 0.00	30.57 -0.56 0.00	31.12 -0.52 0.00	40.95 -0.59 0.00	44.50 -0.75 0.00	36.06 -0.70 0.00	31.90 -0.65 0.00	32.55 -0.68 0.00	17.68 -0.40 0.00	31.73 -0.65 0.00	35.46 -0.69 0.00	36.49 -0.76 0.00	39.31 -0.80 0.00	38.73 -0.66 0.00	44.55 -0.65 0.00	48.38 -0.59 0.00	40.65 -0.45 0.00	38.69 -0.44 0.00	39.30 -0.51 0.00	39.17 -0.55 0.00	44.78 -0.60 0.00
DAHOWA__HYDRO 323763	32.68 1.68 0.00	34.72 1.65 0.00	28.44 1.50 0.00	30.25 1.59 0.00	32.92 1.79 0.00	33.45 1.81 0.00	43.76 2.22 0.00	47.88 2.63 0.00	38.96 2.20 0.00	34.71 1.91 -0.24	35.98 1.80 -0.95	28.02 0.94 -9.00	33.96 1.59 0.00	37.75 1.60 0.00	38.83 1.59 0.00	41.80 1.70 0.00	41.36 1.97 0.00	47.51 2.32 0.00	51.76 2.79 0.00	43.34 2.24 0.00	41.34 2.21 0.00	42.07 2.26 0.00	41.91 2.20 0.00	48.00 2.61 0.00
DANC__LFGE 323619	31.18 0.18 0.00	33.35 0.28 0.00	27.03 0.08 0.00	28.52 -0.14 0.00	30.81 -0.31 0.00	31.31 -0.33 0.00	41.10 -0.44 0.00	45.12 -0.13 0.00	36.47 -0.29 0.00	32.22 -0.33 0.00	32.65 -0.58 0.00	17.45 -0.62 0.00	30.89 -1.49 0.00	34.41 -1.74 0.00	35.65 -1.60 0.00	38.31 -1.79 0.00	37.62 -1.77 0.00	43.92 -1.27 0.00	48.57 -0.40 0.00	40.93 -0.17 0.00	38.89 -0.24 0.00	39.29 -0.53 0.00	39.19 -0.53 0.00	44.85 -0.53 0.00
DANSKAMMER__1 23586	32.15 1.15 0.00	34.06 0.99 0.00	27.84 0.90 0.00	29.64 0.98 0.00	32.21 1.08 0.00	32.77 1.13 0.00	42.97 1.43 0.00	47.08 1.84 0.00	38.64 1.88 0.00	34.62 1.87 -0.21	36.07 2.04 -0.81	21.21 1.10 -2.04	34.41 2.03 0.00	38.54 2.39 0.00	39.91 2.66 0.00	43.08 2.97 0.00	42.45 3.06 0.00	48.46 3.26 0.00	52.38 3.41 0.00	43.79 2.69 0.00	41.53 2.41 0.00	42.02 2.21 0.00	41.83 2.11 0.00	47.60 2.22 0.00
DANSKAMMER__2 23589	32.15 1.15 0.00	34.06 0.99 0.00	27.84 0.90 0.00	29.64 0.98 0.00	32.21 1.08 0.00	32.77 1.13 0.00	42.97 1.43 0.00	47.08 1.84 0.00	38.64 1.88 0.00	34.62 1.87 -0.21	36.07 2.04 -0.81	21.21 1.10 -2.04	34.41 2.03 0.00	38.54 2.39 0.00	39.91 2.66 0.00	43.08 2.97 0.00	42.45 3.06 0.00	48.46 3.26 0.00	52.38 3.41 0.00	43.79 2.69 0.00	41.53 2.41 0.00	42.02 2.21 0.00	41.83 2.11 0.00	47.60 2.22 0.00
DANSKAMMER__3 23590	32.15 1.15 0.00	34.06 0.99 0.00	27.84 0.90 0.00	29.64 0.98 0.00	32.21 1.08 0.00	32.77 1.13 0.00	42.97 1.43 0.00	47.08 1.84 0.00	38.64 1.88 0.00	34.62 1.87 -0.21	36.07 2.04 -0.81	21.21 1.10 -2.04	34.41 2.03 0.00	38.54 2.39 0.00	39.91 2.66 0.00	43.08 2.97 0.00	42.45 3.06 0.00	48.46 3.26 0.00	52.38 3.41 0.00	43.79 2.69 0.00	41.53 2.41 0.00	42.02 2.21 0.00	41.83 2.11 0.00	47.60 2.22 0.00

DANSKAMMER___4 23591	32.15 1.15 0.00	34.06 0.99 0.00	27.84 0.90 0.00	29.64 0.98 0.00	32.21 1.08 0.00	32.77 1.13 0.00	42.97 1.43 0.00	47.08 1.84 0.00	38.64 1.88 0.00	34.62 1.87 -0.21	36.07 2.04 -0.81	21.21 1.10 -2.04	34.41 2.03 0.00	38.54 2.39 0.00	39.91 2.66 0.00	43.08 2.97 0.00	42.45 3.06 0.00	48.46 3.26 0.00	52.38 3.41 0.00	43.79 2.69 0.00	41.53 2.41 0.00	42.02 2.21 0.00	41.83 2.11 0.00	47.60 2.22 0.00
DANSKAMMER___DIESEL 23592	32.15 1.15 0.00	34.06 0.99 0.00	27.84 0.90 0.00	29.64 0.98 0.00	32.21 1.08 0.00	32.77 1.13 0.00	42.97 1.43 0.00	47.09 1.84 0.00	38.65 1.88 0.00	34.62 1.87 -0.21	36.06 2.03 -0.81	21.21 1.10 -2.04	34.41 2.03 0.00	38.54 2.39 0.00	39.91 2.66 0.00	43.08 2.97 0.00	42.46 3.07 0.00	48.46 3.27 0.00	52.38 3.41 0.00	43.79 2.69 0.00	41.55 2.42 0.00	42.03 2.21 0.00	41.83 2.11 0.00	47.60 2.22 0.00
DARBY___SOLAR 323810	32.49 1.49 0.00	34.52 1.45 0.00	28.28 1.34 0.00	30.08 1.42 0.00	32.72 1.59 0.00	33.23 1.59 0.00	43.48 1.94 0.00	47.56 2.31 0.00	38.71 1.94 0.00	34.49 1.70 -0.25	35.79 1.60 -0.96	28.04 0.83 -9.12	33.78 1.40 0.00	37.56 1.41 0.00	38.66 1.41 0.00	41.62 1.51 0.00	41.17 1.78 0.00	47.27 2.08 0.00	51.47 2.50 0.00	43.10 2.00 0.00	41.10 1.97 0.00	41.83 2.01 0.00	41.68 1.96 0.00	47.70 2.32 0.00
DASHVILLE___HYD 23610	31.73 0.73 0.00	33.66 0.59 0.00	27.50 0.56 0.00	29.28 0.62 0.00	31.83 0.71 0.00	32.37 0.73 0.00	42.40 0.86 0.00	46.44 1.19 0.00	38.08 1.32 0.00	33.70 1.32 0.17	34.02 1.47 0.68	12.84 0.85 6.09	33.93 1.56 0.00	37.98 1.83 0.00	39.25 2.01 0.00	42.37 2.27 0.00	41.71 2.32 0.00	47.63 2.44 0.00	51.50 2.53 0.00	43.11 2.01 0.00	40.91 1.78 0.00	41.41 1.60 0.00	41.24 1.52 0.00	47.01 1.63 0.00
DELAWARE___LFGE 323621	31.36 0.36 0.00	33.43 0.36 0.00	27.22 0.27 0.00	29.00 0.34 0.00	31.54 0.42 0.00	32.06 0.42 0.00	42.07 0.54 0.00	45.82 0.57 0.00	37.23 0.48 0.00	32.87 0.45 0.13	33.21 0.49 0.51	13.49 0.26 4.85	32.92 0.54 0.00	36.85 0.70 0.00	37.98 0.74 0.00	40.89 0.79 0.00	40.19 0.80 0.00	46.02 0.83 0.00	49.90 0.93 0.00	41.90 0.80 0.00	39.79 0.66 0.00	40.35 0.53 0.00	40.26 0.54 0.00	46.00 0.62 0.00
DERFIELD_115KV_TB7 355931	31.01 0.01 0.00	33.04 -0.03 0.00	26.96 0.01 0.00	28.66 0.00 0.00	31.14 0.02 0.00	31.64 0.00 0.00	41.50 -0.03 0.00	45.25 0.00 0.00	36.80 0.04 0.00	32.59 0.04 0.00	33.26 0.03 0.00	18.10 0.02 0.00	32.41 0.03 0.00	36.20 0.05 0.00	37.31 0.06 0.00	40.17 0.06 0.00	39.49 0.10 0.00	45.29 0.10 0.00	49.15 0.18 0.00	41.22 0.13 0.00	39.22 0.09 0.00	39.86 0.05 0.00	39.76 0.04 0.00	45.43 0.05 0.00
DOGLEVILLE___HYD 23807	31.80 0.81 0.00	33.78 0.71 0.00	27.70 0.75 0.00	29.48 0.82 0.00	32.06 0.94 0.00	32.59 0.95 0.00	42.65 1.11 0.00	46.36 1.12 0.00	37.50 0.74 0.00	32.98 0.43 0.00	33.59 0.36 0.00	18.30 0.22 0.00	32.83 0.46 0.00	36.74 0.59 0.00	37.73 0.49 0.00	40.61 0.51 0.00	39.85 0.46 0.00	46.09 0.90 0.00	50.56 1.59 0.00	42.51 1.41 0.00	40.41 1.29 0.00	41.08 1.27 0.00	40.84 1.13 0.00	46.47 1.09 0.00
DUNKIRK___115KV_TB_200 55889	29.25 -1.75 0.00	31.37 -1.70 0.00	25.01 -1.94 0.00	26.98 -1.67 0.00	29.08 -2.05 0.00	29.73 -1.91 0.00	39.27 -2.27 0.00	41.73 -3.51 0.00	33.30 -3.43 0.03	26.92 -2.81 2.83	29.69 -3.04 0.51	13.89 -2.02 2.17	16.59 -3.02 12.76	19.53 -3.16 13.46	20.37 -3.22 13.65	21.52 -3.58 15.00	20.74 -3.73 14.92	25.20 -4.32 15.68	28.03 -4.45 16.49	29.01 -3.55 8.54	32.88 -3.40 2.85	36.20 -3.40 0.21	36.63 -3.09 0.00	43.02 -2.36 0.00
DUNKIRK___1 23563	29.25 -1.75 0.00	31.37 -1.70 0.00	25.01 -1.94 0.00	26.98 -1.67 0.00	29.08 -2.05 0.00	29.73 -1.91 0.00	39.27 -2.27 0.00	41.73 -3.51 0.00	33.30 -3.43 0.03	26.92 -2.81 2.83	29.69 -3.04 0.51	13.89 -2.02 2.17	16.59 -3.02 12.76	19.53 -3.16 13.46	20.37 -3.22 13.65	21.52 -3.58 15.00	20.74 -3.73 14.92	25.20 -4.32 15.68	28.03 -4.45 16.49	29.01 -3.55 8.54	32.88 -3.40 2.85	36.20 -3.40 0.21	36.63 -3.09 0.00	43.02 -2.36 0.00
DUNKIRK___2 23564	29.25 -1.75 0.00	31.37 -1.70 0.00	25.01 -1.94 0.00	26.98 -1.67 0.00	29.08 -2.05 0.00	29.73 -1.91 0.00	39.27 -2.27 0.00	41.73 -3.51 0.00	33.30 -3.43 0.03	26.92 -2.81 2.83	29.69 -3.04 0.51	13.89 -2.02 2.17	16.59 -3.02 12.76	19.53 -3.16 13.46	20.37 -3.22 13.65	21.52 -3.58 15.00	20.74 -3.73 14.92	25.20 -4.32 15.68	28.03 -4.45 16.49	29.01 -3.55 8.54	32.88 -3.40 2.85	36.20 -3.40 0.21	36.63 -3.09 0.00	43.02 -2.36 0.00
DUNKIRK___3 23565	29.17 -1.83 0.00	31.27 -1.80 0.00	24.98 -1.96 0.00	26.95 -1.71 0.00	29.05 -2.08 0.00	29.70 -1.94 0.00	39.27 -2.27 0.00	41.76 -3.48 0.00	33.32 -3.40 0.03	26.80 -2.80 2.95	29.69 -3.01 0.53	13.87 -1.95 2.26	16.14 -2.95 13.29	19.01 -3.13 14.01	19.81 -3.22 14.22	20.69 -3.55 15.86	19.89 -3.67 15.82	24.05 -4.32 16.82	26.78 -4.49 17.69	28.30 -3.64 9.16	32.77 -3.48 2.88	36.10 -3.50 0.22	36.55 -3.17 0.00	42.83 -2.55 0.00
DUNKIRK___4 23566	29.17 -1.83 0.00	31.27 -1.80 0.00	24.98 -1.96 0.00	26.95 -1.71 0.00	29.05 -2.08 0.00	29.70 -1.94 0.00	39.27 -2.27 0.00	41.76 -3.48 0.00	33.32 -3.40 0.03	26.80 -2.80 2.95	29.69 -3.01 0.53	13.87 -1.95 2.26	16.14 -2.95 13.29	19.01 -3.13 14.01	19.81 -3.22 14.22	20.69 -3.55 15.86	19.89 -3.67 15.82	24.05 -4.32 16.82	26.78 -4.49 17.69	28.30 -3.64 9.16	32.77 -3.48 2.88	36.10 -3.50 0.22	36.55 -3.17 0.00	42.83 -2.55 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	32.06 1.07 0.00	33.94 0.87 0.00	27.74 0.80 0.00	29.52 0.86 0.00	32.07 0.95 0.00	32.66 1.02 0.00	42.84 1.29 0.00	46.94 1.69 0.00	38.60 1.84 0.00	35.77 1.85 -1.37	40.63 2.05 -5.35	70.16 1.19 -50.88	34.58 2.20 0.00	38.72 2.57 0.00	40.04 2.80 0.00	43.21 3.11 0.00	42.57 3.18 0.00	48.51 3.32 0.00	52.38 3.41 0.00	43.80 2.70 0.00	41.55 2.43 0.00	42.02 2.20 0.00	41.86 2.14 0.00	47.62 2.24 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.80 0.80 0.00	33.72 0.66 0.00	27.54 0.59 0.00	29.32 0.66 0.00	31.85 0.72 0.00	32.42 0.78 0.00	42.49 0.95 0.00	46.50 1.26 0.00	38.14 1.37 0.00	33.30 1.39 0.64	32.24 1.53 2.52	-2.55 0.89 21.52	34.08 1.70 0.00	38.19 2.04 0.00	39.53 2.28 0.00	42.67 2.57 0.00	42.00 2.61 0.00	47.91 2.71 0.00	51.80 2.83 0.00	43.34 2.24 0.00	41.12 1.99 0.00	41.61 1.79 0.00	41.43 1.71 0.00	47.18 1.80 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	31.97 0.97 0.00	33.86 0.80 0.00	27.69 0.75 0.00	29.45 0.79 0.00	31.99 0.87 0.00	32.68 1.04 0.00	42.76 1.22 0.00	46.88 1.63 0.00	38.65 1.89 0.00	35.85 1.93 -1.37	40.63 2.05 -5.35	70.21 1.27 -50.85	34.67 2.29 0.00	38.90 2.75 0.00	40.28 3.03 0.00	43.42 3.32 0.00	42.79 3.40 0.00	48.64 3.45 0.00	52.53 3.56 0.00	43.97 2.87 0.00	41.72 2.59 0.00	42.17 2.35 0.00	42.07 2.35 0.00	47.63 2.25 0.00

E179THST_13_KV_LOAD 356214	32.12 1.12 0.00	34.02 0.95 0.00	27.82 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.82 1.18 0.00	42.97 1.44 0.00	47.11 1.86 0.00	38.84 2.08 0.00	36.02 2.10 -1.37	40.81 2.23 -5.35	70.30 1.37 -50.85	34.85 2.48 0.00	39.11 2.96 0.00	40.49 3.25 0.00	43.66 3.55 0.00	43.03 3.64 0.00	48.90 3.71 0.00	52.81 3.84 0.00	44.21 3.11 0.00	41.95 2.82 0.00	42.39 2.58 0.00	42.30 2.58 0.00	47.90 2.51 0.00
EAST HAMPTON___GT 23717	48.75 1.10 -16.65	37.03 0.91 -3.06	29.08 0.55 -1.59	28.04 0.33 0.95	32.89 0.81 -0.95	36.19 1.64 -2.91	43.98 2.16 -0.29	46.51 1.27 0.00	38.21 1.45 0.00	35.41 1.50 -1.35	44.74 1.72 -9.79	73.78 1.04 -54.65	34.42 2.00 -0.05	38.30 2.24 0.08	48.79 1.63 -9.92	53.67 1.91 -11.65	71.56 2.12 -30.05	98.22 2.95 -50.08	70.00 2.83 -18.20	45.47 2.02 -2.36	40.90 1.77 0.00	41.11 1.30 0.00	40.78 1.01 -0.05	48.03 1.13 -1.52
EAST RIVER___6 23660	32.13 1.13 0.00	33.94 0.88 0.00	27.74 0.80 0.00	29.51 0.86 0.00	32.06 0.94 0.00	32.69 1.05 0.00	42.83 1.29 0.00	46.94 1.70 0.00	38.70 1.94 0.00	35.92 2.00 -1.37	40.80 2.21 -5.35	70.32 1.32 -50.92	34.82 2.44 0.00	39.00 2.85 0.00	40.37 3.13 0.00	43.56 3.45 0.00	42.91 3.52 0.00	48.83 3.64 0.00	52.70 3.73 0.00	44.09 2.99 0.00	41.79 2.67 0.00	42.25 2.43 0.00	42.10 2.38 0.00	47.82 2.44 0.00
EAST RIVER___7 23524	32.13 1.13 0.00	33.94 0.88 0.00	27.74 0.80 0.00	29.51 0.86 0.00	32.06 0.94 0.00	32.69 1.05 0.00	42.83 1.29 0.00	46.94 1.70 0.00	38.70 1.94 0.00	35.92 2.00 -1.37	40.80 2.21 -5.35	70.32 1.32 -50.92	34.82 2.44 0.00	39.00 2.85 0.00	40.37 3.13 0.00	43.56 3.45 0.00	42.91 3.52 0.00	48.83 3.64 0.00	52.70 3.73 0.00	44.09 2.99 0.00	41.79 2.67 0.00	42.25 2.43 0.00	42.10 2.38 0.00	47.82 2.44 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.99 0.99 0.00	33.87 0.80 0.00	27.69 0.74 0.00	29.46 0.81 0.00	32.01 0.88 0.00	32.59 0.96 0.00	42.72 1.18 0.00	46.82 1.57 0.00	38.49 1.73 0.00	35.71 1.74 -1.41	40.70 1.94 -5.53	71.86 1.13 -52.65	34.46 2.09 0.00	38.60 2.45 0.00	39.93 2.69 0.00	43.10 2.99 0.00	42.44 3.05 0.00	48.37 3.18 0.00	52.25 3.28 0.00	43.69 2.59 0.00	41.44 2.31 0.00	41.91 2.10 0.00	41.75 2.03 0.00	47.50 2.12 0.00
EAST_HAMPTON___DIESEL 23722	48.71 1.06 -16.65	36.98 0.85 -3.06	29.02 0.48 -1.59	27.96 0.26 0.95	32.82 0.74 -0.95	36.16 1.61 -2.91	43.93 2.11 -0.29	46.39 1.15 0.00	38.10 1.35 0.00	35.31 1.40 -1.35	44.64 1.62 -9.79	73.73 1.00 -54.65	34.34 1.92 -0.05	38.20 2.14 0.08	48.70 1.54 -9.92	53.56 1.81 -11.65	71.46 2.01 -30.05	98.07 2.80 -50.08	69.84 2.67 -18.20	45.34 1.88 -2.36	40.78 1.65 0.00	40.99 1.18 0.00	40.64 0.87 -0.05	47.88 0.98 -1.52
EAST_POINT___SOLAR 323840	32.35 1.35 0.00	34.44 1.37 0.00	27.96 1.01 0.00	29.76 1.11 0.00	32.36 1.24 0.00	32.99 1.34 0.00	43.55 2.02 0.00	46.62 1.37 0.00	36.49 -0.27 0.00	32.16 -0.56 -0.17	33.23 -0.68 -0.67	24.07 -0.36 -6.36	31.89 -0.49 0.00	35.86 -0.29 0.00	36.77 -0.48 0.00	39.55 -0.55 0.00	38.80 -0.59 0.00	45.30 0.11 0.00	50.48 1.51 0.00	43.10 2.00 0.00	41.01 1.88 0.00	41.60 1.79 0.00	41.43 1.71 0.00	47.31 1.93 0.00
EAST_PULASKI___ESR 323781	30.61 -0.39 0.00	32.67 -0.39 0.00	26.52 -0.42 0.00	28.14 -0.51 0.00	30.50 -0.62 0.00	31.03 -0.61 0.00	40.80 -0.74 0.00	44.51 -0.73 0.00	36.04 -0.72 0.00	31.84 -0.72 0.00	32.39 -0.84 0.00	17.48 -0.60 0.00	31.19 -1.19 0.00	34.79 -1.36 0.00	35.94 -1.30 0.00	38.66 -1.45 0.00	37.99 -1.40 0.00	43.90 -1.30 0.00	48.09 -0.88 0.00	40.50 -0.61 0.00	38.54 -0.59 0.00	39.06 -0.75 0.00	38.98 -0.73 0.00	44.60 -0.78 0.00
EAST_RIVER___1 323558	32.13 1.13 0.00	33.96 0.89 0.00	27.76 0.81 0.00	29.52 0.86 0.00	32.08 0.95 0.00	32.70 1.06 0.00	42.87 1.33 0.00	47.00 1.75 0.00	38.72 1.96 0.00	35.92 2.00 -1.37	40.79 2.21 -5.35	70.31 1.31 -50.92	34.80 2.42 0.00	38.98 2.83 0.00	40.34 3.09 0.00	43.52 3.41 0.00	42.86 3.47 0.00	48.78 3.59 0.00	52.67 3.70 0.00	44.04 2.94 0.00	41.76 2.63 0.00	42.21 2.40 0.00	42.06 2.34 0.00	47.79 2.41 0.00
EAST_RIVER___2 323559	32.13 1.13 0.00	33.94 0.88 0.00	27.74 0.80 0.00	29.51 0.86 0.00	32.06 0.94 0.00	32.69 1.05 0.00	42.83 1.29 0.00	46.94 1.70 0.00	38.70 1.94 0.00	35.92 2.00 -1.37	40.80 2.21 -5.35	70.32 1.32 -50.92	34.82 2.44 0.00	39.00 2.85 0.00	40.37 3.13 0.00	43.56 3.45 0.00	42.91 3.52 0.00	48.83 3.64 0.00	52.70 3.73 0.00	44.09 2.99 0.00	41.79 2.67 0.00	42.25 2.43 0.00	42.10 2.38 0.00	47.82 2.44 0.00
EAST___DELAWARE_HYD 23607	31.31 0.31 0.00	33.22 0.15 0.00	27.11 0.16 0.00	28.85 0.20 0.00	31.36 0.24 0.00	31.93 0.29 0.00	41.90 0.36 0.00	45.84 0.60 0.00	37.52 0.77 0.00	32.81 0.77 0.51	32.10 0.89 2.02	0.18 0.49 18.39	33.22 0.84 0.00	36.46 0.31 0.00	37.77 0.53 0.00	40.82 0.71 0.00	40.21 0.81 0.00	45.97 0.78 0.00	49.82 0.85 0.00	41.74 0.64 0.00	39.70 0.57 0.00	41.03 1.22 0.00	40.83 1.11 0.00	46.48 1.10 0.00
EIGHT_POINT___WT_PWR 323820	29.98 -1.02 0.00	32.14 -0.93 0.00	25.75 -1.19 0.00	27.64 -1.02 0.00	29.82 -1.30 0.00	30.38 -1.26 0.00	39.74 -1.80 0.00	41.77 -3.47 0.00	33.33 -3.36 0.07	38.76 -2.91 -9.11	31.69 -3.21 -1.66	23.23 -1.96 -7.10	70.57 -3.61 -41.80	76.07 -4.16 -44.08	77.69 -4.28 -44.72	82.29 -4.38 -46.57	81.47 -4.14 -46.22	90.27 -4.62 -49.70	96.93 -4.40 -52.36	64.68 -3.60 -27.18	34.07 -3.44 1.62	36.37 -3.56 -0.12	37.21 -2.51 0.00	43.61 -1.77 0.00
ELBRIDGE_115KV_TB2 80188	30.35 -0.65 0.00	32.36 -0.70 0.00	26.30 -0.64 0.00	28.00 -0.65 0.00	30.39 -0.73 0.00	30.97 -0.68 0.00	40.76 -0.78 0.00	44.26 -0.99 0.00	35.88 -0.88 0.00	31.73 -0.82 0.00	32.37 -0.86 0.00	17.58 -0.50 0.00	31.56 -0.82 0.00	35.27 -0.88 0.00	36.25 -1.00 0.00	39.05 -1.05 0.00	38.46 -0.93 0.00	44.27 -0.92 0.00	48.08 -0.89 0.00	40.39 -0.70 0.00	38.45 -0.68 0.00	39.07 -0.75 0.00	38.93 -0.79 0.00	44.51 -0.87 0.00
ELEC_TRO_TEK 24086	150.42 1.26 -118.16	58.72 1.10 -24.55	55.86 1.05 -27.87	50.13 1.17 -20.31	52.55 1.29 -20.14	56.20 1.30 -23.26	45.58 1.73 -2.31	47.22 1.97 0.00	38.90 2.13 -0.01	36.01 2.08 -1.38	92.40 2.33 -56.84	158.65 1.36 -139.21	101.53 2.43 -66.72	134.06 2.83 -95.08	245.02 3.03 -204.75	190.09 3.33 -146.66	420.98 3.44 -378.15	583.66 3.56 -534.90	84.66 3.54 -32.15	48.06 2.80 -4.17	41.66 2.53 0.00	42.06 2.25 0.00	41.88 2.07 -0.09	50.46 2.40 -2.69
ELLENBURG_WT_PWR 323604	31.71 0.72 0.00	34.06 1.00 0.00	27.89 0.94 0.00	29.62 0.96 0.00	32.13 1.01 0.00	32.58 0.94 0.00	42.69 1.15 0.00	46.32 1.07 0.00	37.46 0.70 0.00	33.16 0.61 0.00	33.67 0.43 0.00	18.11 0.03 0.00	32.29 -0.08 0.00	35.82 -0.33 0.00	36.78 -0.46 0.00	39.43 -0.68 0.00	38.48 -0.91 0.00	44.70 -0.49 0.00	48.63 -0.34 0.00	40.59 -0.51 0.00	38.66 -0.46 0.00	39.10 -0.72 0.00	39.33 -0.38 0.00	44.87 -0.51 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.94 -2.06 0.00	31.00 -2.07 0.00	24.85 -2.10 0.00	26.79 -1.87 0.00	28.86 -2.27 0.00	29.58 -2.06 0.00	39.20 -2.34 0.00	41.71 -3.54 0.00	33.24 -3.49 0.03	26.21 -2.96 3.38	29.48 -3.14 0.61	13.64 -1.84 2.60	14.04 -3.04 15.30	16.57 -3.44 16.13	17.24 -3.64 16.37	19.27 -3.89 16.94	18.60 -3.98 16.80	22.42 -4.75 18.03	24.99 -5.01 18.96	27.17 -4.11 9.82	32.41 -3.90 2.82	35.64 -3.95 0.22	36.19 -3.53 0.00	42.35 -3.02 0.00
EMPIRE_CC_1 323656	31.35 0.35 0.00	33.28 0.21 0.00	27.42 0.48 0.00	29.10 0.45 0.00	31.61 0.49 0.00	32.06 0.42 0.00	41.74 0.20 0.00	45.72 0.48 0.00	37.39 0.63 0.00	33.56 0.66 -0.35	35.30 0.72 -1.36	31.37 0.43 -12.86	33.05 0.67 0.00	36.85 0.71 0.00	38.01 0.77 0.00	40.91 0.81 0.00	40.30 0.91 0.00	46.11 0.92 0.00	49.89 0.91 0.00	41.72 0.62 0.00	39.77 0.65 0.00	40.44 0.63 0.00	40.31 0.59 0.00	45.92 0.54 0.00
EMPIRE_CC_2 323658	31.35 0.35 0.00	33.28 0.21 0.00	27.42 0.48 0.00	29.10 0.45 0.00	31.61 0.49 0.00	32.06 0.42 0.00	41.74 0.20 0.00	45.72 0.48 0.00	37.39 0.63 0.00	33.56 0.66 -0.35	35.30 0.72 -1.36	31.37 0.43 -12.86	33.05 0.67 0.00	36.85 0.71 0.00	38.01 0.77 0.00	40.91 0.81 0.00	40.30 0.91 0.00	46.11 0.92 0.00	49.89 0.91 0.00	41.72 0.62 0.00	39.77 0.65 0.00	40.44 0.63 0.00	40.31 0.59 0.00	45.92 0.54 0.00
ENORWICH_115KV_TB1 80156	32.32 1.32 0.00	34.51 1.44 0.00	27.94 1.00 0.00	29.85 1.19 0.00	32.31 1.19 0.00	32.98 1.34 0.00	43.66 2.12 0.00	47.16 1.91 0.00	37.88 1.07 -0.04	33.68 0.64 -0.49	33.74 0.44 -0.08	18.45 0.03 -0.34	34.39 0.03 -1.98	38.36 0.13 -2.08	38.94 -0.42 -2.11	41.76 -0.53 -2.19	41.47 -0.09 -2.17	47.84 0.32 -2.34	52.58 1.14 -2.47	43.66 1.27 -1.29	42.90 0.98 -2.79	40.54 0.58 -0.15	40.27 0.55 0.00	45.98 0.60 0.00
ERIE_ST__34_KV_TB1-2 80199	29.12 -1.88 0.00	31.17 -1.89 0.00	24.98 -1.97 0.00	26.94 -1.72 0.00	29.03 -2.09 0.00	29.74 -1.91 0.00	39.47 -2.07 0.00	42.11 -3.14 0.00	33.58 -3.15 0.03	27.02 -2.66 2.87	29.90 -2.82 0.51	14.20 -1.68 2.20	16.75 -2.68 12.95	19.46 -3.04 13.66	20.21 -3.18 13.86	22.33 -3.37 14.40	21.63 -3.46 14.30	25.64 -4.18 15.38	28.40 -4.39 16.17	29.11 -3.61 8.37	32.96 -3.42 2.75	36.11 -3.50 0.20	36.57 -3.15 0.00	42.67 -2.71 0.00
ERIE_WT_PWR 323693	29.07 -1.92 0.00	31.14 -1.93 0.00	24.94 -2.00 0.00	26.89 -1.76 0.00	28.95 -2.17 0.00	29.67 -1.97 0.00	39.34 -2.20 0.00	41.89 -3.36 0.00	33.37 -3.36 0.03	26.45 -2.89 3.21	29.59 -3.06 0.58	13.79 -1.81 2.47	14.95 -2.92 14.51	17.56 -3.29 15.30	18.26 -3.47 15.52	20.30 -3.69 16.12	19.65 -3.75 15.99	23.54 -4.48 17.17	26.15 -4.76 18.06	27.83 -3.92 9.35	32.54 -3.75 2.83	35.81 -3.78 0.22	36.32 -3.39 0.00	42.56 -2.83 0.00
ESPRGFLD_115KV_TB1 80157	31.66 0.66 0.00	33.79 0.72 0.00	27.36 0.42 0.00	29.13 0.48 0.00	31.67 0.55 0.00	32.26 0.62 0.00	42.57 1.03 0.00	46.21 0.96 0.00	37.10 0.34 0.00	32.74 0.19 0.00	33.37 0.14 0.00	18.14 0.06 0.00	32.56 0.19 0.00	36.57 0.42 0.00	37.52 0.28 0.00	40.28 0.18 0.00	39.55 0.16 0.00	45.56 0.37 0.00	49.76 0.79 0.00	41.99 0.90 0.00	39.88 0.75 0.00	40.41 0.60 0.00	40.30 0.58 0.00	46.07 0.69 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	30.99 -0.01 0.00	33.07 0.00 0.00	26.81 -0.13 0.00	28.60 -0.05 0.00	31.03 -0.09 0.00	31.62 -0.03 0.00	41.67 0.13 0.00	45.20 -0.04 0.00	36.61 -0.26 -0.11	33.03 -0.42 -0.90	32.85 -0.52 -0.14	18.31 -0.36 -0.60	35.36 -0.50 -3.47	39.37 -0.45 -3.66	40.29 -0.67 -3.72	43.26 -0.71 -3.86	42.73 -0.49 -3.83	49.08 -0.24 -4.13	53.44 0.08 -4.39	43.59 0.18 -2.31	46.09 0.13 -6.82	40.18 0.00 -0.37	39.69 -0.03 0.00	45.39 0.01 0.00
ETNA____115KV_TB2 80207	30.99 -0.01 0.00	33.07 0.00 0.00	26.81 -0.13 0.00	28.60 -0.05 0.00	31.03 -0.09 0.00	31.62 -0.03 0.00	41.67 0.13 0.00	45.20 -0.04 0.00	36.61 -0.26 -0.11	33.03 -0.42 -0.90	32.85 -0.52 -0.14	18.31 -0.36 -0.60	35.36 -0.50 -3.47	39.37 -0.45 -3.66	40.29 -0.67 -3.72	43.26 -0.71 -3.86	42.73 -0.49 -3.83	49.08 -0.24 -4.13	53.44 0.08 -4.39	43.59 0.18 -2.31	46.09 0.13 -6.82	40.18 0.00 -0.37	39.69 -0.03 0.00	45.39 0.01 0.00
EUCLID___115KV_TB2 356179	30.20 -0.80 0.00	32.20 -0.87 0.00	26.18 -0.76 0.00	27.89 -0.77 0.00	30.27 -0.85 0.00	30.81 -0.83 0.00	40.53 -1.01 0.00	44.04 -1.20 0.00	35.73 -1.03 0.00	31.63 -0.92 0.00	32.28 -0.95 0.00	17.54 -0.55 0.00	31.46 -0.91 0.00	35.15 -1.00 0.00	36.19 -1.05 0.00	38.97 -1.13 0.00	38.36 -1.03 0.00	44.05 -1.15 0.00	47.82 -1.15 0.00	40.18 -0.92 0.00	38.25 -0.88 0.00	38.86 -0.95 0.00	38.78 -0.94 0.00	44.35 -1.03 0.00
E_CANADA_CAP_HY 24051	31.94 0.94 0.00	34.08 1.01 0.00	27.62 0.68 0.00	29.39 0.73 0.00	31.93 0.81 0.00	32.54 0.90 0.00	42.93 1.39 0.00	46.49 1.24 0.00	37.10 0.34 0.00	32.77 0.07 -0.15	33.77 -0.03 -0.57	23.48 -0.03 -5.43	32.40 0.03 0.00	36.39 0.24 0.00	37.28 0.04 0.00	40.02 -0.08 0.00	39.23 -0.16 0.00	45.38 0.19 0.00	49.82 0.85 0.00	42.20 1.10 0.00	40.13 1.00 0.00	40.77 0.95 0.00	40.65 0.94 0.00	46.48 1.10 0.00
E_CANADA_MHWK_HY 24050	31.80 0.81 0.00	33.78 0.71 0.00	27.70 0.75 0.00	29.48 0.82 0.00	32.06 0.94 0.00	32.59 0.95 0.00	42.65 1.11 0.00	46.36 1.12 0.00	37.49 0.73 0.00	32.99 0.43 0.00	33.59 0.36 0.00	18.30 0.22 0.00	32.83 0.46 0.00	36.74 0.59 0.00	37.73 0.48 0.00	40.61 0.51 0.00	39.84 0.45 0.00	46.09 0.90 0.00	50.56 1.58 0.00	42.51 1.41 0.00	40.41 1.28 0.00	41.08 1.27 0.00	40.84 1.13 0.00	46.47 1.09 0.00
E_FISHKILL___LBMP 23776	31.84 0.84 0.00	33.73 0.66 0.00	27.60 0.66 0.00	29.39 0.73 0.00	31.94 0.82 0.00	32.48 0.83 0.00	42.53 0.99 0.00	46.61 1.37 0.00	38.30 1.54 0.00	35.01 1.55 -0.91	38.52 1.72 -3.57	52.86 1.00 -33.78	34.21 1.83 0.00	38.28 2.13 0.00	39.58 2.34 0.00	42.70 2.60 0.00	42.08 2.69 0.00	48.01 2.81 0.00	51.86 2.89 0.00	43.35 2.26 0.00	41.15 2.02 0.00	41.64 1.83 0.00	41.47 1.75 0.00	47.18 1.80 0.00
FALCON___SEABRD_CC1 323796	31.89 0.89 0.00	34.24 1.17 0.00	28.17 1.23 0.00	29.95 1.30 0.00	32.49 1.37 0.00	32.92 1.28 0.00	43.03 1.49 0.00	46.76 1.51 0.00	37.79 1.03 0.00	33.48 0.93 0.00	33.94 0.71 0.00	18.21 0.13 0.00	32.43 0.05 0.00	35.91 -0.24 0.00	36.85 -0.40 0.00	39.44 -0.66 0.00	38.36 -1.03 0.00	44.67 -0.52 0.00	48.88 -0.09 0.00	40.57 -0.53 0.00	38.67 -0.46 0.00	38.98 -0.83 0.00	39.31 -0.41 0.00	44.93 -0.45 0.00
FALCON___SEABRD_CC2 323797	31.89 0.89 0.00	34.24 1.17 0.00	28.17 1.23 0.00	29.95 1.30 0.00	32.49 1.37 0.00	32.92 1.28 0.00	43.03 1.49 0.00	46.76 1.51 0.00	37.79 1.03 0.00	33.48 0.93 0.00	33.94 0.71 0.00	18.21 0.13 0.00	32.43 0.05 0.00	35.91 -0.24 0.00	36.85 -0.40 0.00	39.44 -0.66 0.00	38.36 -1.03 0.00	44.67 -0.52 0.00	48.88 -0.09 0.00	40.57 -0.53 0.00	38.67 -0.46 0.00	38.98 -0.83 0.00	39.31 -0.41 0.00	44.93 -0.45 0.00

FAR ROCKAWAY___4 23548	274.96 1.73 -242.24	82.44 1.53 -47.85	87.06 1.46 -58.65	77.92 1.59 -47.67	75.70 1.73 -42.85	78.67 1.76 -45.27	48.41 2.36 -4.51	47.96 2.70 -0.02	39.49 2.72 -0.02	36.58 2.60 -1.43	156.71 2.91 -120.57	277.99 1.66 -258.25	199.49 2.95 -164.16	275.00 3.45 -235.40	520.60 3.52 -479.84	375.05 3.78 -331.17	897.18 3.90 -853.89	1236.25 4.09 -1186.97	83.06 4.60 -29.49	48.63 3.71 -3.82	42.49 3.37 0.00	42.89 3.08 0.00	42.62 2.82 -0.08	51.07 3.22 -2.46
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.15 1.15 0.00	33.97 0.91 0.00	27.77 0.82 0.00	29.54 0.88 0.00	32.09 0.96 0.00	32.71 1.07 0.00	42.90 1.37 0.00	47.04 1.79 0.00	38.74 1.98 0.00	35.94 2.02 -1.37	40.80 2.22 -5.35	70.30 1.32 -50.91	34.83 2.45 0.00	39.01 2.86 0.00	40.35 3.11 0.00	43.53 3.43 0.00	42.87 3.48 0.00	48.79 3.60 0.00	52.68 3.71 0.00	44.04 2.95 0.00	41.77 2.64 0.00	42.22 2.41 0.00	42.06 2.34 0.00	47.81 2.43 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.16 1.16 0.00	33.99 0.92 0.00	27.78 0.83 0.00	29.54 0.89 0.00	32.10 0.97 0.00	32.72 1.08 0.00	42.91 1.38 0.00	47.04 1.80 0.00	38.74 1.98 0.00	35.94 2.02 -1.37	40.80 2.22 -5.35	70.30 1.32 -50.91	34.82 2.44 0.00	39.00 2.85 0.00	40.35 3.11 0.00	43.53 3.43 0.00	42.87 3.48 0.00	48.80 3.61 0.00	52.68 3.71 0.00	44.05 2.95 0.00	41.79 2.66 0.00	42.23 2.41 0.00	42.07 2.36 0.00	47.81 2.43 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.13 1.13 0.00	33.96 0.89 0.00	27.75 0.81 0.00	29.52 0.86 0.00	32.07 0.95 0.00	32.70 1.05 0.00	42.88 1.34 0.00	47.01 1.76 0.00	38.73 1.96 0.00	35.92 2.00 -1.37	40.79 2.20 -5.35	70.30 1.31 -50.91	34.80 2.42 0.00	38.97 2.83 0.00	40.33 3.08 0.00	43.50 3.39 0.00	42.83 3.44 0.00	48.77 3.58 0.00	52.63 3.66 0.00	44.01 2.91 0.00	41.74 2.61 0.00	42.19 2.37 0.00	42.03 2.32 0.00	47.76 2.38 0.00
FARRAGUT___LBMP 323566	32.10 1.11 0.00	33.93 0.87 0.00	27.73 0.79 0.00	29.50 0.85 0.00	32.04 0.92 0.00	32.68 1.04 0.00	42.85 1.31 0.00	46.96 1.72 0.00	38.68 1.93 0.00	35.88 1.96 -1.37	40.75 2.16 -5.35	70.27 1.28 -50.91	34.76 2.39 0.00	38.94 2.79 0.00	40.28 3.03 0.00	43.45 3.35 0.00	42.79 3.40 0.00	48.70 3.51 0.00	52.58 3.61 0.00	43.97 2.87 0.00	41.70 2.58 0.00	42.15 2.33 0.00	42.00 2.28 0.00	47.73 2.35 0.00
FENNER___WINDPWR 24204	31.30 0.30 0.00	33.39 0.32 0.00	27.12 0.18 0.00	28.86 0.21 0.00	31.29 0.17 0.00	31.86 0.21 0.00	41.93 0.40 0.00	45.55 0.31 0.00	36.88 0.10 -0.02	32.58 0.00 -0.02	33.16 -0.07 0.00	17.96 -0.12 0.00	32.18 -0.20 0.00	35.98 -0.17 0.00	37.01 -0.23 0.00	39.83 -0.27 0.00	39.28 -0.11 0.00	45.27 0.08 0.00	49.49 0.51 0.00	41.58 0.48 0.00	40.76 0.38 -1.26	40.15 0.27 -0.06	39.95 0.23 0.00	45.74 0.36 0.00
FIBERTEK___ENERGY 23856	30.50 -0.49 0.00	32.52 -0.54 0.00	26.43 -0.51 0.00	28.16 -0.50 0.00	30.57 -0.56 0.00	31.12 -0.52 0.00	40.95 -0.59 0.00	44.50 -0.75 0.00	36.06 -0.70 0.00	31.90 -0.65 0.00	32.55 -0.68 0.00	17.68 -0.40 0.00	31.73 -0.65 0.00	35.46 -0.69 0.00	36.49 -0.76 0.00	39.31 -0.80 0.00	38.73 -0.66 0.00	44.55 -0.65 0.00	48.38 -0.59 0.00	40.65 -0.45 0.00	38.69 -0.44 0.00	39.30 -0.51 0.00	39.17 -0.55 0.00	44.78 -0.60 0.00
FITZPATRICK___ 23598	29.84 -1.16 0.00	31.82 -1.25 0.00	25.89 -1.05 0.00	27.57 -1.09 0.00	29.92 -1.20 0.00	30.45 -1.19 0.00	40.03 -1.51 0.00	43.51 -1.74 0.00	35.31 -1.45 0.00	31.26 -1.30 0.00	31.91 -1.32 0.00	17.33 -0.75 0.00	31.08 -1.30 0.00	34.70 -1.45 0.00	35.74 -1.51 0.00	38.47 -1.63 0.00	37.86 -1.53 0.00	43.44 -1.75 0.00	47.14 -1.83 0.00	39.62 -1.48 0.00	37.74 -1.39 0.00	38.37 -1.44 0.00	38.29 -1.43 0.00	43.77 -1.61 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	32.22 1.22 0.00	34.13 1.06 0.00	27.89 0.95 0.00	29.70 1.05 0.00	32.27 1.15 0.00	32.84 1.20 0.00	43.06 1.53 0.00	47.19 1.95 0.00	38.74 1.98 0.00	34.85 1.96 -0.33	36.65 2.12 -1.31	28.92 1.16 -9.69	34.51 2.13 0.00	38.64 2.49 0.00	40.01 2.76 0.00	43.20 3.09 0.00	42.57 3.19 0.00	48.61 3.41 0.00	52.52 3.55 0.00	43.91 2.81 0.00	41.66 2.53 0.00	42.14 2.33 0.00	41.93 2.21 0.00	47.71 2.33 0.00
FORT ORANGE___ 23900	31.31 0.31 0.00	33.23 0.16 0.00	27.34 0.40 0.00	29.02 0.37 0.00	31.54 0.41 0.00	32.00 0.36 0.00	41.80 0.26 0.00	45.75 0.50 0.00	37.44 0.68 0.00	33.43 0.63 -0.24	34.75 0.58 -0.94	27.36 0.38 -8.90	32.93 0.55 0.00	36.72 0.57 0.00	37.90 0.65 0.00	40.84 0.74 0.00	40.26 0.87 0.00	46.16 0.97 0.00	50.03 1.06 0.00	41.80 0.70 0.00	39.78 0.65 0.00	40.51 0.69 0.00	40.37 0.65 0.00	46.10 0.72 0.00
FORT_DRUM_COGEN 23780	32.05 1.05 0.00	34.35 1.28 0.00	27.79 0.84 0.00	29.22 0.56 0.00	31.51 0.39 0.00	32.03 0.39 0.00	42.06 0.53 0.00	46.32 1.07 0.00	37.28 0.52 0.00	32.84 0.29 0.00	33.17 -0.06 0.00	17.59 -0.49 0.00	30.94 -1.44 0.00	34.42 -1.73 0.00	35.79 -1.45 0.00	38.45 -1.65 0.00	37.77 -1.62 0.00	44.47 -0.72 0.00	49.67 0.69 0.00	41.93 0.83 0.00	39.87 0.74 0.00	40.19 0.37 0.00	40.02 0.30 0.00	45.78 0.40 0.00
FOX_HILLS___ESR 323835	32.20 1.20 0.00	34.09 1.02 0.00	27.86 0.92 0.00	29.64 0.98 0.00	32.19 1.07 0.00	32.86 1.22 0.00	42.90 1.36 0.00	46.82 1.58 0.00	38.74 1.97 0.00	35.94 2.02 -1.37	40.78 2.20 -5.35	70.28 1.34 -50.85	34.78 2.40 0.00	38.93 2.78 0.00	40.27 3.03 0.00	43.41 3.31 0.00	42.84 3.46 0.00	48.66 3.46 0.00	52.53 3.56 0.00	43.93 2.83 0.00	41.76 2.63 0.00	42.32 2.50 0.00	42.13 2.41 0.00	47.58 2.20 0.00
FPL_FAR_ROCK_GT1 24212	274.91 1.68 -242.24	82.42 1.51 -47.85	87.00 1.41 -58.65	77.85 1.52 -47.67	75.65 1.68 -42.85	78.65 1.75 -45.27	48.37 2.33 -4.51	47.95 2.69 -0.02	39.50 2.72 -0.02	36.57 2.59 -1.43	156.70 2.90 -120.57	277.99 1.66 -258.25	199.47 2.92 -164.16	274.96 3.40 -235.40	520.57 3.49 -479.84	375.03 3.76 -331.17	897.14 3.86 -853.89	1236.23 4.07 -1186.97	83.06 4.60 -29.49	48.63 3.71 -3.82	42.49 3.36 0.00	42.89 3.08 0.00	42.61 2.82 -0.08	51.07 3.22 -2.46
FPL_FAR_ROCK_GT2 23815	274.91 1.68 -242.24	82.42 1.51 -47.85	87.00 1.41 -58.65	77.85 1.52 -47.67	75.65 1.68 -42.85	78.65 1.75 -45.27	48.37 2.33 -4.51	47.95 2.69 -0.02	39.50 2.72 -0.02	36.57 2.59 -1.43	156.70 2.90 -120.57	277.99 1.66 -258.25	199.47 2.92 -164.16	274.96 3.40 -235.40	520.57 3.49 -479.84	375.03 3.76 -331.17	897.14 3.86 -853.89	1236.23 4.07 -1186.97	83.06 4.60 -29.49	48.63 3.71 -3.82	42.49 3.36 0.00	42.89 3.08 0.00	42.61 2.82 -0.08	51.07 3.22 -2.46
FRANKLIN_FALL_HYD 24054	32.21 1.22 0.00	34.61 1.54 0.00	28.22 1.28 0.00	29.94 1.28 0.00	32.47 1.34 0.00	32.96 1.31 0.00	43.34 1.80 0.00	47.07 1.83 0.00	37.91 1.15 0.00	33.45 0.89 0.00	33.91 0.68 0.00	18.28 0.20 0.00	32.59 0.21 0.00	36.16 0.02 0.00	37.19 -0.05 0.00	39.97 -0.13 0.00	39.07 -0.32 0.00	45.41 0.22 0.00	49.49 0.52 0.00	41.45 0.35 0.00	39.50 0.37 0.00	40.01 0.20 0.00	40.12 0.41 0.00	45.74 0.36 0.00



FREEPORT_EQUS_GT1 23764	91.51 1.38 -59.14	53.85 1.23 -19.56	50.56 1.10 -22.52	46.48 1.22 -16.61	48.78 1.37 -16.29	51.72 1.43 -18.65	45.26 1.87 -1.85	47.43 2.18 0.00	39.05 2.29 0.00	36.10 2.19 -1.36	60.55 2.43 -24.89	102.48 1.42 -82.98	57.61 2.36 -22.87	68.91 2.67 -30.09	111.19 2.89 -71.05	97.78 3.21 -54.46	183.17 3.35 -140.44	253.39 3.53 -204.68	76.71 3.51 -24.23	47.13 2.89 -3.14	41.78 2.64 0.00	42.26 2.45 0.00	42.06 2.28 -0.07	50.11 2.68 -2.04
FREEPORT___CT2 23818	91.51 1.38 -59.14	53.85 1.23 -19.56	50.56 1.10 -22.52	46.48 1.22 -16.61	48.78 1.37 -16.29	51.72 1.43 -18.65	45.26 1.87 -1.85	47.43 2.18 0.00	39.05 2.29 0.00	36.10 2.19 -1.36	60.55 2.43 -24.89	102.48 1.42 -82.98	57.61 2.36 -22.87	68.91 2.67 -30.09	111.19 2.89 -71.05	97.78 3.21 -54.46	183.17 3.35 -140.44	253.39 3.53 -204.68	76.71 3.51 -24.23	47.13 2.89 -3.14	41.78 2.64 0.00	42.26 2.45 0.00	42.06 2.28 -0.07	50.11 2.68 -2.04
FRESHKLS_33_KV_LOAD 356253	32.29 1.30 0.00	34.20 1.13 0.00	27.95 1.00 0.00	29.73 1.07 0.00	32.29 1.17 0.00	32.97 1.33 0.00	42.96 1.42 0.00	46.74 1.50 0.00	38.77 2.01 0.00	35.94 2.03 -1.37	40.79 2.21 -5.35	70.28 1.35 -50.85	34.75 2.38 0.00	38.90 2.75 0.00	40.25 3.01 0.00	43.39 3.29 0.00	42.91 3.52 0.00	48.67 3.48 0.00	52.58 3.61 0.00	43.96 2.86 0.00	41.82 2.69 0.00	42.39 2.58 0.00	42.18 2.46 0.00	47.61 2.23 0.00
FULTON COGEN____ 23766	30.15 -0.85 0.00	32.13 -0.93 0.00	26.13 -0.81 0.00	27.84 -0.82 0.00	30.22 -0.91 0.00	30.75 -0.89 0.00	40.44 -1.10 0.00	43.98 -1.27 0.00	35.70 -1.06 0.00	31.59 -0.97 0.00	32.22 -1.01 0.00	17.50 -0.58 0.00	31.39 -0.99 0.00	35.06 -1.09 0.00	36.12 -1.13 0.00	38.88 -1.22 0.00	38.28 -1.11 0.00	43.97 -1.22 0.00	47.74 -1.23 0.00	40.14 -0.96 0.00	38.21 -0.91 0.00	38.83 -0.98 0.00	38.73 -0.99 0.00	44.27 -1.11 0.00
FULTON___LFGE 323630	32.23 1.24 0.00	34.31 1.25 0.00	27.90 0.95 0.00	29.69 1.03 0.00	32.27 1.15 0.00	32.86 1.22 0.00	43.30 1.77 0.00	46.92 1.67 0.00	37.34 0.58 0.00	32.77 0.04 -0.18	33.81 -0.12 -0.70	24.64 -0.03 -6.59	32.40 0.02 0.00	36.52 0.37 0.00	37.28 0.04 0.00	40.20 0.10 0.00	39.50 0.11 0.00	45.89 0.70 0.00	50.57 1.60 0.00	42.92 1.82 0.00	40.82 1.69 0.00	41.42 1.61 0.00	41.28 1.57 0.00	47.16 1.78 0.00
G.F.CEMENT___DRP 24184	33.03 2.04 0.00	35.07 2.00 0.00	28.72 1.77 0.00	30.57 1.91 0.00	33.25 2.13 0.00	33.78 2.14 0.00	44.23 2.69 0.00	48.41 3.16 0.00	39.38 2.62 0.00	35.07 2.28 -0.24	36.29 2.13 -0.93	27.97 1.10 -8.79	34.24 1.86 0.00	37.96 1.81 0.00	38.97 1.72 0.00	41.91 1.80 0.00	41.48 2.09 0.00	47.63 2.43 0.00	51.96 2.99 0.00	43.52 2.42 0.00	41.58 2.45 0.00	42.32 2.51 0.00	42.19 2.48 0.00	48.45 3.07 0.00
GARDENVILLE___LBMP 24039	29.02 -1.98 0.00	31.07 -1.99 0.00	24.90 -2.04 0.00	26.85 -1.81 0.00	28.92 -2.21 0.00	29.63 -2.01 0.00	39.27 -2.27 0.00	41.77 -3.47 0.00	33.28 -3.45 0.03	25.94 -2.93 3.69	29.45 -3.12 0.66	13.40 -1.84 2.84	12.67 -3.02 16.69	15.15 -3.40 17.60	15.81 -3.58 17.85	17.80 -3.83 18.48	17.15 -3.91 18.33	20.88 -4.65 19.66	23.40 -4.88 20.68	26.39 -4.00 10.71	32.36 -3.79 2.97	35.74 -3.84 0.23	36.29 -3.43 0.00	42.48 -2.91 0.00
GARDNVLA_35_KV_LD 355827	29.10 -1.90 0.00	31.16 -1.91 0.00	24.96 -1.98 0.00	26.92 -1.74 0.00	29.00 -2.13 0.00	29.70 -1.94 0.00	39.39 -2.15 0.00	41.93 -3.32 0.00	33.42 -3.31 0.03	26.70 -2.82 3.03	29.70 -2.99 0.54	13.98 -1.77 2.33	15.76 -2.93 13.69	18.41 -3.30 14.44	19.13 -3.47 14.65	21.18 -3.68 15.24	20.50 -3.77 15.12	24.46 -4.49 16.24	27.15 -4.73 17.08	28.37 -3.88 8.85	32.68 -3.67 2.78	35.88 -3.72 0.21	36.41 -3.31 0.00	42.60 -2.78 0.00
GELCKHM___115KV_LOAD 80723	30.32 -0.68 0.00	32.32 -0.74 0.00	26.27 -0.67 0.00	27.99 -0.67 0.00	30.39 -0.74 0.00	30.93 -0.71 0.00	40.69 -0.85 0.00	44.22 -1.02 0.00	35.85 -0.91 0.00	31.73 -0.82 0.00	32.38 -0.85 0.00	17.59 -0.49 0.00	31.57 -0.81 0.00	35.26 -0.89 0.00	36.30 -0.95 0.00	39.10 -1.00 0.00	38.51 -0.88 0.00	44.24 -0.96 0.00	48.03 -0.94 0.00	40.36 -0.74 0.00	38.42 -0.71 0.00	39.03 -0.78 0.00	38.93 -0.79 0.00	44.51 -0.87 0.00
GENERAL___MILLS 23808	29.06 -1.94 0.00	31.13 -1.94 0.00	24.94 -2.01 0.00	26.89 -1.77 0.00	28.97 -2.16 0.00	29.67 -1.97 0.00	39.34 -2.20 0.00	41.88 -3.37 0.00	33.37 -3.36 0.03	26.47 -2.87 3.21	29.61 -3.04 0.58	13.81 -1.80 2.47	14.90 -2.97 14.51	17.51 -3.34 15.30	18.20 -3.52 15.52	20.23 -3.76 16.12	19.56 -3.84 15.99	23.45 -4.57 17.17	26.09 -4.82 18.06	27.81 -3.94 9.35	32.57 -3.73 2.83	35.83 -3.77 0.22	36.35 -3.37 0.00	42.55 -2.83 0.00
GE_PLASTICS___DRP 24183	31.29 0.29 0.00	33.25 0.19 0.00	27.29 0.35 0.00	29.00 0.34 0.00	31.52 0.40 0.00	32.00 0.36 0.00	41.81 0.27 0.00	45.71 0.47 0.00	37.38 0.62 0.00	33.39 0.60 -0.23	34.77 0.62 -0.91	27.13 0.39 -8.65	32.99 0.62 0.00	36.82 0.67 0.00	37.99 0.74 0.00	40.93 0.83 0.00	40.31 0.92 0.00	46.13 0.94 0.00	49.93 0.96 0.00	41.76 0.67 0.00	39.73 0.60 0.00	40.40 0.58 0.00	40.29 0.58 0.00	46.03 0.65 0.00
GILBOA___1 23756	31.39 0.38 0.00	33.48 0.41 0.00	27.36 0.42 0.00	29.12 0.46 0.00	31.75 0.62 0.00	32.20 0.56 0.00	42.03 0.49 0.00	45.85 0.60 0.00	37.42 0.66 0.00	33.22 0.67 0.00	33.96 0.73 0.00	18.50 0.42 0.00	33.16 0.78 0.00	37.06 0.91 0.00	38.20 0.96 0.00	41.13 1.03 0.00	40.40 1.01 0.00	46.17 0.98 0.00	49.91 0.94 0.00	41.87 0.78 0.00	39.79 0.67 0.00	40.40 0.58 0.00	40.38 0.66 0.00	46.16 0.78 0.00
GILBOA___2 23757	31.39 0.38 0.00	33.48 0.41 0.00	27.36 0.42 0.00	29.12 0.46 0.00	31.75 0.62 0.00	32.20 0.56 0.00	42.03 0.49 0.00	45.85 0.60 0.00	37.42 0.66 0.00	33.22 0.67 0.00	33.96 0.73 0.00	18.50 0.42 0.00	33.16 0.78 0.00	37.06 0.91 0.00	38.20 0.96 0.00	41.13 1.03 0.00	40.40 1.01 0.00	46.17 0.98 0.00	49.91 0.94 0.00	41.87 0.78 0.00	39.79 0.67 0.00	40.40 0.58 0.00	40.38 0.66 0.00	46.16 0.78 0.00
GILBOA___3 23758	31.39 0.38 0.00	33.48 0.41 0.00	27.36 0.42 0.00	29.12 0.46 0.00	31.75 0.62 0.00	32.20 0.56 0.00	42.03 0.49 0.00	45.85 0.60 0.00	37.42 0.66 0.00	33.22 0.67 0.00	33.96 0.73 0.00	18.50 0.42 0.00	33.16 0.78 0.00	37.06 0.91 0.00	38.20 0.96 0.00	41.13 1.03 0.00	40.40 1.01 0.00	46.17 0.98 0.00	49.91 0.94 0.00	41.87 0.78 0.00	39.79 0.67 0.00	40.40 0.58 0.00	40.38 0.66 0.00	46.16 0.78 0.00
GILBOA___4 23759	31.39 0.38 0.00	33.48 0.41 0.00	27.36 0.42 0.00	29.12 0.46 0.00	31.75 0.62 0.00	32.20 0.56 0.00	42.03 0.49 0.00	45.85 0.60 0.00	37.42 0.66 0.00	33.22 0.67 0.00	33.96 0.73 0.00	18.50 0.42 0.00	33.16 0.78 0.00	37.06 0.91 0.00	38.20 0.96 0.00	41.13 1.03 0.00	40.40 1.01 0.00	46.17 0.98 0.00	49.91 0.94 0.00	41.87 0.78 0.00	39.79 0.67 0.00	40.40 0.58 0.00	40.38 0.66 0.00	46.16 0.78 0.00

GILBOA____ 23599	31.38 0.38 0.00	33.48 0.41 0.00	27.36 0.42 0.00	29.12 0.46 0.00	31.75 0.62 0.00	32.20 0.56 0.00	42.03 0.49 0.00	45.85 0.60 0.00	37.42 0.66 0.00	33.22 0.66 0.00	33.96 0.73 0.00	18.51 0.42 0.00	33.16 0.78 0.00	37.06 0.91 0.00	38.20 0.96 0.00	41.14 1.04 0.00	40.40 1.01 0.00	46.18 0.98 0.00	49.91 0.94 0.00	41.88 0.78 0.00	39.80 0.67 0.00	40.40 0.59 0.00	40.38 0.66 0.00	46.16 0.78 0.00
GINNA____ 23603	28.76 -2.24 0.00	30.67 -2.40 0.00	24.82 -2.12 0.00	26.53 -2.13 0.00	28.75 -2.37 0.00	29.38 -2.26 0.00	38.85 -2.69 0.00	41.96 -3.29 0.00	33.84 -2.90 0.01	29.94 -2.59 0.02	30.54 -2.69 0.00	16.58 -1.50 0.00	29.78 -2.59 0.00	33.24 -2.91 0.00	34.20 -3.05 0.00	36.91 -3.19 0.00	36.39 -3.00 0.00	41.81 -3.39 0.00	45.43 -3.54 0.00	38.17 -2.93 0.00	35.45 -2.82 0.86	36.82 -2.96 0.04	36.80 -2.92 0.00	42.25 -3.13 0.00
GLEN PARK____ 23778	32.18 1.18 0.00	34.47 1.40 0.00	27.88 0.93 0.00	29.33 0.67 0.00	31.63 0.51 0.00	32.18 0.54 0.00	42.27 0.74 0.00	46.54 1.29 0.00	37.39 0.62 0.00	32.91 0.36 0.00	33.23 0.00 0.00	17.59 -0.48 0.00	30.94 -1.44 0.00	34.42 -1.73 0.00	35.84 -1.41 0.00	38.46 -1.64 0.00	37.79 -1.60 0.00	44.50 -0.69 0.00	49.85 0.88 0.00	42.13 1.03 0.00	40.13 1.00 0.00	40.45 0.63 0.00	40.26 0.55 0.00	46.04 0.66 0.00
GLENDALE_27_KV_LOAD 356172	32.23 1.23 0.00	34.09 1.03 0.00	27.86 0.92 0.00	29.63 0.97 0.00	32.19 1.07 0.00	32.87 1.23 0.00	43.08 1.54 0.00	47.21 1.96 0.00	38.92 2.16 0.00	36.12 2.20 -1.37	40.95 2.38 -5.35	70.37 1.43 -50.85	34.96 2.58 0.00	39.17 3.02 0.00	40.53 3.29 0.00	43.71 3.60 0.00	43.06 3.67 0.00	48.97 3.78 0.00	52.87 3.90 0.00	44.22 3.12 0.00	41.98 2.85 0.00	42.45 2.64 0.00	42.31 2.59 0.00	47.95 2.57 0.00
GLENWOOD_IC_1_G5 23712	106.02 1.33 -73.68	50.80 1.16 -16.57	45.55 1.06 -17.54	41.15 1.17 -11.33	44.94 1.28 -12.53	48.70 1.32 -15.73	44.83 1.74 -1.56	47.31 2.06 0.00	38.97 2.21 0.00	36.09 2.17 -1.37	69.68 2.32 -34.13	116.62 1.30 -97.25	67.42 2.37 -32.67	84.89 2.77 -45.97	147.77 2.99 -107.53	124.43 3.32 -81.00	251.68 3.42 -208.87	350.85 3.55 -302.10	83.99 3.56 -31.46	47.97 2.80 -4.08	41.65 2.52 0.00	42.08 2.27 0.00	42.15 2.34 -0.09	50.59 2.58 -2.63
GLENWOOD_IC_2_G1 23688	34.49 1.16 -2.33	34.49 0.97 -0.45	28.25 0.90 -0.40	29.82 0.98 -0.18	32.49 1.09 -0.28	33.21 1.15 -0.42	43.05 1.47 -0.04	47.06 1.82 0.00	38.72 1.96 0.00	35.87 1.96 -1.36	41.61 2.17 -6.21	71.35 1.26 -52.02	35.51 2.29 -0.84	40.02 2.67 -1.20	43.25 2.90 -3.11	45.77 3.21 -2.46	49.00 3.27 -6.34	57.98 3.43 -9.36	53.81 3.49 -1.35	44.04 2.76 -0.17	41.61 2.48 0.00	42.05 2.24 0.00	41.87 2.14 0.00	47.83 2.33 -0.11
GLENWOOD_IC_3_G1 23689	34.49 1.16 -2.33	34.49 0.97 -0.45	28.25 0.90 -0.40	29.82 0.98 -0.18	32.49 1.09 -0.28	33.21 1.15 -0.42	43.05 1.47 -0.04	47.06 1.82 0.00	38.72 1.96 0.00	35.87 1.96 -1.36	41.61 2.17 -6.21	71.35 1.26 -52.02	35.51 2.29 -0.84	40.02 2.67 -1.20	43.25 2.90 -3.11	45.77 3.21 -2.46	49.00 3.27 -6.34	57.98 3.43 -9.36	53.81 3.49 -1.35	44.04 2.76 -0.17	41.61 2.48 0.00	42.05 2.24 0.00	41.87 2.14 0.00	47.83 2.33 -0.11
GLENWOOD____4 23550	106.02 1.33 -73.68	50.80 1.16 -16.57	45.55 1.06 -17.54	41.15 1.17 -11.33	44.94 1.28 -12.53	48.70 1.32 -15.73	44.83 1.74 -1.56	47.31 2.06 0.00	38.97 2.21 0.00	36.09 2.17 -1.37	69.72 2.35 -34.13	116.66 1.33 -97.25	67.49 2.44 -32.67	84.97 2.84 -45.97	147.85 3.07 -107.53	124.52 3.41 -81.00	251.77 3.50 -208.87	350.94 3.65 -302.10	84.10 3.67 -31.46	48.07 2.89 -4.08	41.73 2.60 0.00	42.16 2.34 0.00	42.15 2.34 -0.09	50.59 2.58 -2.63
GLENWOOD____5 23614	106.02 1.33 -73.68	50.80 1.16 -16.57	45.55 1.06 -17.54	41.15 1.17 -11.33	44.94 1.28 -12.53	48.70 1.32 -15.73	44.83 1.74 -1.56	47.31 2.06 0.00	38.97 2.21 0.00	36.09 2.17 -1.37	69.72 2.35 -34.13	116.66 1.33 -97.25	67.49 2.44 -32.67	84.97 2.84 -45.97	147.85 3.07 -107.53	124.52 3.41 -81.00	251.77 3.50 -208.87	350.94 3.65 -302.10	84.10 3.67 -31.46	48.07 2.89 -4.08	41.73 2.60 0.00	42.16 2.34 0.00	42.15 2.34 -0.09	50.59 2.58 -2.63
GLOBAL GREEN_PORT_GT1 23814	48.92 1.26 -16.66	37.19 1.06 -3.06	29.28 0.74 -1.59	28.32 0.61 0.95	33.09 1.01 -0.95	36.23 1.68 -2.91	44.06 2.24 -0.29	46.89 1.64 0.00	38.57 1.81 0.00	35.71 1.80 -1.35	45.07 2.04 -9.79	73.95 1.22 -54.66	34.69 2.26 -0.05	38.56 2.49 0.08	48.80 1.64 -9.92	53.71 1.95 -11.65	71.65 2.20 -30.06	98.71 3.43 -50.09	70.51 3.34 -18.20	45.92 2.46 -2.36	41.34 2.21 0.00	41.56 1.75 0.00	41.22 1.45 -0.05	48.55 1.65 -1.52
GLOBE____DSASP 323697	28.23 -2.76 0.00	30.24 -2.83 0.00	24.27 -2.68 0.00	26.18 -2.48 0.00	28.20 -2.92 0.00	28.93 -2.71 0.00	38.34 -3.20 0.00	40.72 -4.53 0.00	32.41 -4.32 0.03	26.34 -3.62 2.59	28.93 -3.83 0.46	13.94 -2.14 1.99	17.07 -3.60 11.71	19.68 -4.13 12.34	20.35 -4.38 12.52	22.39 -4.72 13.00	21.68 -4.82 12.89	25.62 -5.73 13.84	28.32 -6.09 14.56	28.51 -5.05 7.54	31.81 -4.91 2.41	34.61 -5.02 0.18	35.19 -4.52 0.00	41.21 -4.17 0.00
GOETHSLN____LBMP 323567	31.95 0.95 0.00	33.78 0.71 0.00	27.60 0.66 0.00	29.37 0.71 0.00	31.89 0.76 0.00	32.53 0.88 0.00	42.63 1.09 0.00	46.73 1.49 0.00	38.50 1.74 0.00	35.72 1.80 -1.37	40.59 2.01 -5.35	70.19 1.21 -50.91	34.63 2.25 0.00	38.81 2.67 0.00	40.16 2.92 0.00	43.33 3.22 0.00	42.66 3.27 0.00	48.56 3.37 0.00	52.41 3.44 0.00	43.81 2.71 0.00	41.54 2.41 0.00	41.98 2.17 0.00	41.83 2.11 0.00	47.54 2.16 0.00
GOLAH____69_KV_TB 1_2 80279	30.08 -0.91 0.00	32.10 -0.96 0.00	25.92 -1.02 0.00	27.76 -0.89 0.00	30.05 -1.08 0.00	30.73 -0.90 0.00	40.70 -0.84 0.00	43.81 -1.44 0.00	35.19 -1.56 0.02	31.11 -1.43 0.02	31.64 -1.60 0.00	17.17 -0.91 0.00	30.87 -1.51 0.00	34.44 -1.71 0.00	35.42 -1.82 0.00	38.22 -1.89 0.00	37.69 -1.70 0.00	43.19 -2.01 0.00	47.03 -1.94 0.00	39.63 -1.47 0.00	36.75 -1.40 0.98	38.26 -1.51 0.05	38.32 -1.40 0.00	44.19 -1.20 0.00
GOODYEAR_LAKE_HYD 323669	31.53 0.54 0.00	33.63 0.56 0.00	27.31 0.37 0.00	29.10 0.44 0.00	31.65 0.53 0.00	32.21 0.57 0.00	42.36 0.82 0.00	46.08 0.84 0.00	37.30 0.54 0.00	33.00 0.45 0.00	33.69 0.46 0.00	18.32 0.24 0.00	32.90 0.52 0.00	36.88 0.73 0.00	37.96 0.72 0.00	40.82 0.72 0.00	40.11 0.72 0.00	46.06 0.87 0.00	50.05 1.08 0.00	42.10 1.00 0.00	39.96 0.83 0.00	40.47 0.66 0.00	40.38 0.66 0.00	46.12 0.74 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	30.58 -0.41 0.00	32.68 -0.38 0.00	26.46 -0.48 0.00	28.32 -0.34 0.00	30.70 -0.42 0.00	31.23 -0.41 0.00	41.09 -0.44 0.00	44.54 -0.70 0.00	36.03 -0.72 0.02	31.90 -0.63 0.02	32.62 -0.61 0.00	17.68 -0.40 0.00	31.87 -0.51 0.00	35.69 -0.46 0.00	36.75 -0.49 0.00	39.59 -0.51 0.00	38.92 -0.47 0.00	44.59 -0.60 0.00	48.44 -0.53 0.00	40.64 -0.46 0.00	37.68 -0.51 0.94	39.17 -0.59 0.05	39.16 -0.57 0.00	44.88 -0.51 0.00

GOUDEY___7 23579	30.58 -0.41 0.00	32.68 -0.38 0.00	26.46 -0.48 0.00	28.32 -0.34 0.00	30.70 -0.42 0.00	31.23 -0.41 0.00	41.09 -0.44 0.00	44.54 -0.70 0.00	36.03 -0.72 0.02	31.90 -0.63 0.02	32.62 -0.61 0.00	17.68 -0.40 0.00	31.87 -0.51 0.00	35.69 -0.46 0.00	36.75 -0.49 0.00	39.59 -0.51 0.00	38.92 -0.47 0.00	44.59 -0.60 0.00	48.44 -0.53 0.00	40.64 -0.46 0.00	37.68 -0.51 0.94	39.17 -0.59 0.05	39.16 -0.57 0.00	44.88 -0.51 0.00
GOUDEY___8 23580	30.58 -0.41 0.00	32.68 -0.38 0.00	26.46 -0.48 0.00	28.32 -0.34 0.00	30.70 -0.42 0.00	31.23 -0.41 0.00	41.09 -0.44 0.00	44.54 -0.70 0.00	36.03 -0.72 0.02	31.90 -0.63 0.02	32.62 -0.61 0.00	17.68 -0.40 0.00	31.87 -0.51 0.00	35.69 -0.46 0.00	36.75 -0.49 0.00	39.59 -0.51 0.00	38.92 -0.47 0.00	44.59 -0.60 0.00	48.44 -0.53 0.00	40.64 -0.46 0.00	37.68 -0.51 0.94	39.17 -0.59 0.05	39.16 -0.57 0.00	44.88 -0.51 0.00
GOWANUS_GT1_1 24077	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.93 0.00	32.13 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.30 1.37 -50.85	34.84 2.46 0.00	39.01 2.86 0.00	40.36 3.12 0.00	43.52 3.41 0.00	42.88 3.49 0.00	48.71 3.52 0.00	52.59 3.62 0.00	44.00 2.90 0.00	41.80 2.67 0.00	42.32 2.51 0.00	42.17 2.46 0.00	47.72 2.34 0.00
GOWANUS_GT1_2 24078	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.93 0.00	32.13 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.30 1.37 -50.85	34.84 2.46 0.00	39.01 2.86 0.00	40.36 3.12 0.00	43.52 3.41 0.00	42.88 3.49 0.00	48.71 3.52 0.00	52.59 3.62 0.00	44.00 2.90 0.00	41.80 2.67 0.00	42.32 2.51 0.00	42.17 2.46 0.00	47.72 2.34 0.00
GOWANUS_GT1_3 24079	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.93 0.00	32.13 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.30 1.37 -50.85	34.84 2.46 0.00	39.01 2.86 0.00	40.36 3.12 0.00	43.52 3.41 0.00	42.88 3.49 0.00	48.71 3.52 0.00	52.59 3.62 0.00	44.00 2.90 0.00	41.80 2.67 0.00	42.32 2.51 0.00	42.17 2.46 0.00	47.72 2.34 0.00
GOWANUS_GT1_4 24080	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.93 0.00	32.13 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.30 1.37 -50.85	34.84 2.46 0.00	39.01 2.86 0.00	40.36 3.12 0.00	43.52 3.41 0.00	42.88 3.49 0.00	48.71 3.52 0.00	52.59 3.62 0.00	44.00 2.90 0.00	41.80 2.67 0.00	42.32 2.51 0.00	42.17 2.46 0.00	47.72 2.34 0.00
GOWANUS_GT1_5 24084	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.93 0.00	32.13 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.30 1.37 -50.85	34.84 2.46 0.00	39.01 2.86 0.00	40.36 3.12 0.00	43.52 3.41 0.00	42.88 3.49 0.00	48.71 3.52 0.00	52.59 3.62 0.00	44.00 2.90 0.00	41.80 2.67 0.00	42.32 2.51 0.00	42.17 2.46 0.00	47.72 2.34 0.00
GOWANUS_GT1_6 24111	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.93 0.00	32.13 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00</																	

GOWANUS_GT2_6 24119	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
GOWANUS_GT2_7 24120	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
GOWANUS_GT2_8 24121	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
GOWANUS_GT3_1 24122	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
GOWANUS_GT3_2 24123	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
GOWANUS_GT3_3 24124	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
GOWANUS_GT3_4 24125	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
GOWANUS_GT3_5 24126	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
GOWANUS_GT3_6 24127	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
GOWANUS_GT3_7 24128	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
GOWANUS_GT3_8 24129	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
GOWANUS_GT4_1 24130	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.93 0.00	32.13 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.30 1.37 -50.85	34.84 2.46 0.00	39.01 2.86 0.00	40.36 3.12 0.00	43.52 3.41 0.00	42.88 3.49 0.00	48.71 3.52 0.00	52.59 3.62 0.00	44.00 2.90 0.00	41.80 2.67 0.00	42.32 2.51 0.00	42.17 2.46 0.00	47.72 2.34 0.00
GOWANUS_GT4_2 24131	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.93 0.00	32.13 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.30 1.37 -50.85	34.84 2.46 0.00	39.01 2.86 0.00	40.36 3.12 0.00	43.52 3.41 0.00	42.88 3.49 0.00	48.71 3.52 0.00	52.59 3.62 0.00	44.00 2.90 0.00	41.80 2.67 0.00	42.32 2.51 0.00	42.17 2.46 0.00	47.72 2.34 0.00
GOWANUS_GT4_3 24132	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.93 0.00	32.13 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.30 1.37 -50.85	34.84 2.46 0.00	39.01 2.86 0.00	40.36 3.12 0.00	43.52 3.41 0.00	42.88 3.49 0.00	48.71 3.52 0.00	52.59 3.62 0.00	44.00 2.90 0.00	41.80 2.67 0.00	42.32 2.51 0.00	42.17 2.46 0.00	47.72 2.34 0.00
GOWANUS_GT4_4 24133	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.93 0.00	32.13 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.30 1.37 -50.85	34.84 2.46 0.00	39.01 2.86 0.00	40.36 3.12 0.00	43.52 3.41 0.00	42.88 3.49 0.00	48.71 3.52 0.00	52.59 3.62 0.00	44.00 2.90 0.00	41.80 2.67 0.00	42.32 2.51 0.00	42.17 2.46 0.00	47.72 2.34 0.00

GOWANUS_GT4_5 24134	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.93 0.00	32.13 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.30 1.37 -50.85	34.84 2.46 0.00	39.01 2.86 0.00	40.36 3.12 0.00	43.52 3.41 0.00	42.88 3.49 0.00	48.71 3.52 0.00	52.59 3.62 0.00	44.00 2.90 0.00	41.80 2.67 0.00	42.32 2.51 0.00	42.17 2.46 0.00	47.72 2.34 0.00
GOWANUS_GT4_6 24135	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.93 0.00	32.13 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.30 1.37 -50.85	34.84 2.46 0.00	39.01 2.86 0.00	40.36 3.12 0.00	43.52 3.41 0.00	42.88 3.49 0.00	48.71 3.52 0.00	52.59 3.62 0.00	44.00 2.90 0.00	41.80 2.67 0.00	42.32 2.51 0.00	42.17 2.46 0.00	47.72 2.34 0.00
GOWANUS_GT4_7 24136	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.93 0.00	32.13 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.30 1.37 -50.85	34.84 2.46 0.00	39.01 2.86 0.00	40.36 3.12 0.00	43.52 3.41 0.00	42.88 3.49 0.00	48.71 3.52 0.00	52.59 3.62 0.00	44.00 2.90 0.00	41.80 2.67 0.00	42.32 2.51 0.00	42.17 2.46 0.00	47.72 2.34 0.00
GOWANUS_GT4_8 24137	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.93 0.00	32.13 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.30 1.37 -50.85	34.84 2.46 0.00	39.01 2.86 0.00	40.36 3.12 0.00	43.52 3.41 0.00	42.88 3.49 0.00	48.71 3.52 0.00	52.59 3.62 0.00	44.00 2.90 0.00	41.80 2.67 0.00	42.32 2.51 0.00	42.17 2.46 0.00	47.72 2.34 0.00
GREATVRV_69_KV_BK1 356245	52.19 1.66 -19.53	38.62 1.48 -4.07	31.11 1.31 -2.85	30.16 1.42 -0.09	34.58 1.59 -1.87	37.20 1.69 -3.87	44.28 2.37 -0.38	47.80 2.56 0.00	39.41 2.65 0.00	36.35 2.44 -1.36	46.83 2.73 -10.88	76.29 1.52 -56.69	36.66 2.60 -1.69	41.19 2.97 -2.07	54.69 3.14 -14.30	58.40 3.56 -14.74	81.05 3.64 -38.01	110.31 3.85 -61.26	71.57 3.89 -18.71	46.64 3.12 -2.42	42.08 2.95 0.00	42.40 2.59 0.00	42.09 2.32 -0.05	49.73 2.79 -1.56
GREENBSH_115KV_TB3 55895	31.14 0.14 0.00	33.05 -0.02 0.00	27.21 0.27 0.00	28.87 0.21 0.00	31.37 0.25 0.00	31.83 0.19 0.00	41.55 0.01 0.00	45.48 0.23 0.00	37.26 0.50 0.00	33.30 0.49 -0.25	34.70 0.49 -0.99	27.75 0.35 -9.33	32.86 0.49 0.00	36.66 0.52 0.00	37.83 0.59 0.00	40.77 0.66 0.00	40.18 0.79 0.00	45.99 0.80 0.00	49.77 0.80 0.00	41.51 0.42 0.00	39.50 0.37 0.00	40.25 0.43 0.00	40.13 0.41 0.00	45.82 0.44 0.00
GREENDGE_115KV_TB5 80291	30.35 -0.65 0.00	32.44 -0.62 0.00	26.16 -0.78 0.00	28.03 -0.63 0.00	30.36 -0.77 0.00	30.96 -0.68 0.00	40.82 -0.72 0.00	43.82 -1.43 0.00	35.32 -1.35 0.08	35.08 -1.38 -3.91	32.35 -1.60 -0.72	20.19 -0.95 -3.06	48.74 -1.65 -18.01	53.26 -1.88 -18.99	54.48 -2.03 -19.27	58.06 -2.11 -20.07	57.39 -1.92 -19.92	64.85 -1.80 -21.46	70.02 -1.65 -22.70	51.63 -1.31 -11.84	33.94 -1.26 3.92	38.31 -1.39 0.11	38.60 -1.12 0.00	44.23 -1.15 0.00
GREENIDGE___3 23582	30.35 -0.65 0.00	32.44 -0.62 0.00	26.16 -0.78 0.00	28.03 -0.63 0.00	30.36 -0.77 0.00	30.96 -0.68 0.00	40.82 -0.72 0.00	43.82 -1.43 0.00	35.32 -1.35 0.08	35.08 -1.38 -3.91	32.35 -1.60 -0.72	20.19 -0.95 -3.06	48.74 -1.65 -18.01	53.26 -1.88 -18.99	54.48 -2.03 -19.27	58.06 -2.11 -20.07	57.39 -1.92 -19.92	64.85 -1.80 -21.46	70.02 -1.65 -22.70	51.63 -1.31 -11.84	33.94 -1.26 3.92	38.31 -1.39 0.11	38.60 -1.12 0.00	44.23 -1.15 0.00
GREENIDGE___4 23583	30.35 -0.65 0.00	32.44 -0.62 0.00	26.16 -0.78 0.00	28.03 -0.63 0.00	30.35 -0.77 0.00	30.96 -0.68 0.00	40.81 -0.73 0.00	43.82 -1.43 0.00	35.32 -1.35 0.08	35.08 -1.38 -3.91	32.36 -1.60 -0.72	20.20 -0.94 -3.06	48.74 -1.64 -18.01	53.26 -1.88 -18.99	54.48 -2.03 -19.27	58.07 -2.10 -20.07	57.40 -1.91 -19.92	64.87 -1.79 -21.46	70.03 -1.65 -22.70	51.63 -1.31 -11.84	33.95 -1.25 3.92	38.31 -1.38 0.11	38.59 -1.12 0.00	44.23 -1.15 0.00
GREENLWN_69_KV_BK 3 55738	51.37 1.37 -18.99	37.95 1.21 -3.68	30.41 1.13 -2.34	29.55 1.24 0.35	34.00 1.37 -1.50	36.53 1.39 -3.49	43.79 1.91 -0.34	47.38 2.14 0.00	39.04 2.28 0.00	36.11 2.20 -1.35	46.49 2.49 -10.76	75.90 1.45 -56.37	36.29 2.54 -1.37	40.91 2.95 -1.81	54.26 3.14 -13.88	58.05 3.51 -14.43	80.23 3.61 -37.23	109.12 3.78 -60.15	71.35 3.75 -18.63	46.43 2.92 -2.41	41.80 2.68 0.00	42.17 2.36 0.00	41.89 2.12 -0.05	49.43 2.49 -1.56
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.93 0.00	32.13 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.30 1.37 -50.85	34.84 2.46 0.00	39.01 2.86 0.00	40.36 3.12 0.00	43.52 3.41 0.00	42.88 3.49 0.00	48.71 3.52 0.00	52.59 3.62 0.00	44.00 2.90 0.00	41.80 2.67 0.00	42.32 2.51 0.00	42.17 2.46 0.00	47.72 2.34 0.00
GRISSOM___SOLAR 323813	32.24 1.24 0.00	34.32 1.25 0.00	27.92 0.98 0.00	29.71 1.05 0.00	32.29 1.17 0.00	32.88 1.23 0.00	43.29 1.76 0.00	46.94 1.70 0.00	37.31 0.55 0.00	32.69 -0.05 -0.18	33.75 -0.19 -0.72	24.83 -0.06 -6.80	32.31 -0.06 0.00	36.49 0.34 0.00	37.22 -0.03 0.00	40.20 0.09 0.00	39.46 0.08 0.00	45.90 0.71 0.00	50.60 1.63 0.00	42.96 1.86 0.00	40.86 1.74 0.00	41.47 1.65 0.00	41.33 1.61 0.00	47.21 1.83 0.00
GROVEVILLE___HYD 323602	32.22 1.22 0.00	34.13 1.06 0.00	27.89 0.95 0.00	29.70 1.05 0.00	32.27 1.15 0.00	32.84 1.20 0.00	43.06 1.53 0.00	47.19 1.95 0.00	38.74 1.98 0.00	34.85 1.96 -0.33	36.65 2.12 -1.31	28.92 1.16 -9.69	34.51 2.13 0.00	38.64 2.49 0.00	40.01 2.76 0.00	43.20 3.09 0.00	42.57 3.19 0.00	48.61 3.41 0.00	52.52 3.55 0.00	43.91 2.81 0.00	41.66 2.53 0.00	42.14 2.33 0.00	41.93 2.21 0.00	47.71 2.33 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	30.50 -0.49 0.00	32.52 -0.54 0.00	26.43 -0.51 0.00	28.16 -0.50 0.00	30.57 -0.56 0.00	31.12 -0.52 0.00	40.95 -0.59 0.00	44.50 -0.75 0.00	36.06 -0.70 0.00	31.90 -0.65 0.00	32.55 -0.68 0.00	17.68 -0.40 0.00	31.73 -0.65 0.00	35.46 -0.69 0.00	36.49 -0.76 0.00	39.31 -0.80 0.00	38.73 -0.66 0.00	44.55 -0.65 0.00	48.38 -0.59 0.00	40.65 -0.45 0.00	38.69 -0.44 0.00	39.30 -0.51 0.00	39.17 -0.55 0.00	44.78 -0.60 0.00
HAMLTNNY_34_KV_TB 80303	30.49 -0.51 0.00	32.50 -0.56 0.00	26.38 -0.56 0.00	28.11 -0.55 0.00	30.51 -0.61 0.00	31.10 -0.54 0.00	40.97 -0.57 0.00	44.47 -0.78 0.00	35.98 -0.78 0.00	31.82 -0.73 0.00	32.47 -0.76 0.00	17.63 -0.45 0.00	31.66 -0.72 0.00	35.38 -0.77 0.00	36.35 -0.90 0.00	39.17 -0.93 0.00	38.62 -0.77 0.00	44.47 -0.72 0.00	48.25 -0.72 0.00	40.55 -0.55 0.00	38.58 -0.55 0.00	39.20 -0.62 0.00	39.10 -0.62 0.00	44.71 -0.67 0.00

HAMPSHIRE___PAPER_HYD 323593	32.01 1.02 0.00	34.38 1.31 0.00	27.88 0.93 0.00	29.42 0.76 0.00	31.80 0.68 0.00	32.31 0.67 0.00	42.58 1.04 0.00	46.52 1.28 0.00	37.42 0.66 0.00	32.96 0.41 0.00	33.42 0.19 0.00	17.96 -0.12 0.00	31.82 -0.56 0.00	35.41 -0.74 0.00	36.59 -0.65 0.00	39.39 -0.71 0.00	38.67 -0.73 0.00	45.21 0.01 0.00	49.57 0.60 0.00	41.78 0.68 0.00	39.75 0.62 0.00	40.27 0.46 0.00	40.16 0.44 0.00	45.94 0.56 0.00
HARDSCRABBLE_WT_PWR 323673	31.67 0.67 0.00	33.66 0.59 0.00	27.57 0.62 0.00	29.33 0.68 0.00	31.90 0.78 0.00	32.43 0.79 0.00	42.46 0.92 0.00	46.17 0.92 0.00	37.38 0.62 0.00	32.94 0.39 0.00	33.55 0.32 0.00	18.26 0.18 0.00	32.76 0.38 0.00	36.65 0.50 0.00	37.62 0.37 0.00	40.43 0.33 0.00	39.65 0.26 0.00	45.82 0.63 0.00	50.18 1.21 0.00	42.14 1.05 0.00	40.03 0.90 0.00	40.68 0.87 0.00	40.47 0.75 0.00	46.06 0.68 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.91 0.92 0.00	33.84 0.77 0.00	27.63 0.68 0.00	29.41 0.75 0.00	31.94 0.82 0.00	32.52 0.88 0.00	42.62 1.08 0.00	46.66 1.41 0.00	38.28 1.52 0.00	32.47 1.55 1.64	28.54 1.72 6.41	-41.73 0.98 60.79	34.28 1.90 0.00	38.49 2.34 0.00	39.84 2.59 0.00	43.05 2.94 0.00	42.34 2.95 0.00	48.26 3.07 0.00	52.18 3.21 0.00	43.62 2.52 0.00	41.35 2.23 0.00	41.81 2.00 0.00	41.63 1.91 0.00	47.39 2.01 0.00
HARSNRAD_115KV_TB1 81005	28.76 -2.24 0.00	30.78 -2.29 0.00	24.70 -2.24 0.00	26.64 -2.02 0.00	28.70 -2.43 0.00	29.44 -2.20 0.00	39.05 -2.49 0.00	41.42 -3.83 0.00	32.94 -3.79 0.03	26.81 -3.22 2.52	29.30 -3.48 0.45	14.20 -1.95 1.94	17.78 -3.22 11.38	20.43 -3.72 12.00	21.12 -3.95 12.18	23.22 -4.25 12.63	22.49 -4.36 12.53	26.49 -5.24 13.46	29.27 -5.55 14.16	29.22 -4.54 7.33	32.51 -4.29 2.33	35.32 -4.32 0.17	35.87 -3.85 0.00	42.03 -3.35 0.00
HARZA MOOSE___RIVER 24016	31.74 0.74 0.00	34.01 0.94 0.00	27.60 0.65 0.00	29.14 0.49 0.00	31.49 0.37 0.00	31.99 0.35 0.00	42.09 0.56 0.00	46.10 0.86 0.00	37.29 0.53 0.00	32.91 0.35 0.00	33.36 0.13 0.00	17.93 -0.15 0.00	31.81 -0.57 0.00	35.54 -0.61 0.00	36.70 -0.55 0.00	39.48 -0.63 0.00	38.86 -0.53 0.00	45.27 0.08 0.00	49.83 0.86 0.00	41.92 0.82 0.00	39.74 0.62 0.00	40.17 0.35 0.00	40.00 0.29 0.00	45.84 0.46 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	30.30 -0.70 0.00	32.31 -0.76 0.00	26.26 -0.69 0.00	27.98 -0.67 0.00	30.37 -0.75 0.00	30.91 -0.74 0.00	40.68 -0.86 0.00	44.19 -1.06 0.00	35.83 -0.92 0.00	31.72 -0.83 0.00	32.38 -0.85 0.00	17.60 -0.48 0.00	31.58 -0.79 0.00	35.28 -0.86 0.00	36.33 -0.91 0.00	39.11 -0.99 0.00	38.51 -0.88 0.00	44.21 -0.98 0.00	48.00 -0.97 0.00	40.33 -0.77 0.00	38.38 -0.75 0.00	38.99 -0.83 0.00	38.90 -0.82 0.00	44.52 -0.86 0.00
HELLGATE_13_KV_LD 55870	32.26 1.26 0.00	34.14 1.07 0.00	27.90 0.96 0.00	29.67 1.02 0.00	32.24 1.11 0.00	32.92 1.28 0.00	43.13 1.59 0.00	47.28 2.03 0.00	39.01 2.25 0.00	36.19 2.27 -1.37	41.01 2.44 -5.35	70.40 1.47 -50.85	35.01 2.63 0.00	39.24 3.09 0.00	40.60 3.36 0.00	43.78 3.68 0.00	43.14 3.75 0.00	49.05 3.86 0.00	52.94 3.97 0.00	44.31 3.21 0.00	42.08 2.95 0.00	42.54 2.73 0.00	42.41 2.69 0.00	48.05 2.66 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.26 1.26 0.00	34.14 1.07 0.00	27.90 0.96 0.00	29.67 1.02 0.00	32.24 1.11 0.00	32.92 1.28 0.00	43.13 1.59 0.00	47.28 2.03 0.00	39.01 2.25 0.00	36.19 2.27 -1.37	41.01 2.44 -5.35	70.40 1.47 -50.85	35.01 2.63 0.00	39.24 3.09 0.00	40.60 3.36 0.00	43.78 3.68 0.00	43.14 3.75 0.00	49.05 3.86 0.00	52.94 3.97 0.00	44.31 3.21 0.00	42.08 2.95 0.00	42.54 2.73 0.00	42.41 2.69 0.00	48.05 2.66 0.00
HEMPSTEAD___ 23647	97.73 1.20 -65.53	50.99 1.02 -16.90	46.48 0.95 -18.58	42.52 1.06 -12.80	45.66 1.18 -13.35	48.93 1.23 -16.06	44.74 1.61 -1.59	47.16 1.91 0.00	38.85 2.09 0.00	35.95 2.03 -1.37	65.28 2.25 -29.80	109.95 1.31 -90.56	62.79 2.28 -28.12	77.79 2.65 -38.99	131.14 2.86 -91.04	111.98 3.18 -68.70	219.83 3.29 -177.16	305.06 3.43 -256.43	79.45 3.40 -27.08	47.30 2.69 -3.51	41.56 2.43 0.00	41.98 2.17 0.00	41.84 2.05 -0.07	50.00 2.35 -2.27
HICKLING___1 23621	30.26 -0.73 0.00	32.44 -0.63 0.00	26.05 -0.89 0.00	28.03 -0.62 0.00	30.28 -0.85 0.00	30.84 -0.80 0.00	40.73 -0.81 0.00	43.73 -1.51 0.00	35.00 -1.68 0.08	32.60 -1.53 -1.58	31.97 -1.55 -0.28	18.04 -0.97 -0.93	36.41 -1.45 -5.48	40.35 -1.57 -5.78	41.48 -1.62 -5.86	44.53 -1.65 -6.08	43.91 -1.51 -6.03	50.17 -1.72 -6.70	55.39 -1.68 -8.10	44.58 -1.43 -4.91	33.33 -1.43 4.37	38.16 -1.46 0.19	38.45 -1.26 0.00	44.38 -1.00 0.00
HICKLING___2 23622	30.26 -0.73 0.00	32.44 -0.63 0.00	26.05 -0.89 0.00	28.03 -0.62 0.00	30.28 -0.85 0.00	30.84 -0.80 0.00	40.73 -0.81 0.00	43.73 -1.51 0.00	35.00 -1.68 0.08	32.60 -1.53 -1.58	31.97 -1.55 -0.28	18.04 -0.97 -0.93	36.41 -1.45 -5.48	40.35 -1.57 -5.78	41.48 -1.62 -5.86	44.53 -1.65 -6.08	43.91 -1.51 -6.03	50.17 -1.72 -6.70	55.39 -1.68 -8.10	44.58 -1.43 -4.91	33.33 -1.43 4.37	38.16 -1.46 0.19	38.45 -1.26 0.00	44.38 -1.00 0.00
HIGH FALLS___HY 23754	31.97 0.97 0.00	33.89 0.82 0.00	27.64 0.69 0.00	29.44 0.78 0.00	31.99 0.87 0.00	32.57 0.93 0.00	42.74 1.21 0.00	46.81 1.56 0.00	38.35 1.59 0.00	33.83 1.54 0.26	33.94 1.75 1.03	9.72 0.93 9.29	34.13 1.75 0.00	38.12 1.97 0.00	39.46 2.22 0.00	42.66 2.56 0.00	42.03 2.64 0.00	48.04 2.85 0.00	52.00 3.03 0.00	43.55 2.45 0.00	41.34 2.21 0.00	41.96 2.15 0.00	41.75 2.03 0.00	47.51 2.13 0.00
HIGH_RIVER___SOLAR 323847	31.87 0.87 0.00	33.93 0.86 0.00	27.68 0.73 0.00	29.44 0.78 0.00	32.01 0.88 0.00	32.55 0.91 0.00	42.71 1.17 0.00	46.46 1.21 0.00	37.37 0.61 0.00	32.99 0.23 -0.20	34.18 0.15 -0.80	25.78 0.13 -7.57	32.65 0.27 0.00	36.51 0.37 0.00	37.53 0.29 0.00	40.40 0.29 0.00	39.81 0.42 0.00	46.05 0.86 0.00	50.38 1.41 0.00	42.48 1.38 0.00	40.42 1.29 0.00	41.05 1.24 0.00	40.92 1.21 0.00	46.75 1.37 0.00
HILLBURN___GT 23639	31.84 0.84 0.00	33.74 0.67 0.00	27.56 0.61 0.00	29.33 0.67 0.00	31.85 0.72 0.00	32.44 0.80 0.00	42.51 0.98 0.00	46.57 1.32 0.00	38.23 1.47 0.00	32.28 1.53 1.80	27.88 1.71 7.06	-48.02 0.99 67.10	34.26 1.88 0.00	38.44 2.30 0.00	39.79 2.55 0.00	42.99 2.88 0.00	42.29 2.90 0.00	48.19 2.99 0.00	52.07 3.09 0.00	43.51 2.41 0.00	41.26 2.13 0.00	41.72 1.91 0.00	41.54 1.82 0.00	47.29 1.91 0.00
HILLSIDE_115KV_TB1 80332	29.86 -1.14 0.00	32.03 -1.04 0.00	25.75 -1.19 0.00	27.72 -0.94 0.00	29.96 -1.16 0.00	30.46 -1.18 0.00	40.19 -1.35 0.00	43.35 -1.90 0.00	34.82 -1.86 0.07	31.91 -1.63 -0.98	31.84 -1.58 -0.19	17.87 -0.99 -0.78	35.59 -1.41 -4.62	39.58 -1.44 -4.87	40.71 -1.48 -4.94	43.68 -1.55 -5.12	42.93 -1.54 -5.08	48.78 -1.88 -5.47	52.94 -1.88 -5.86	42.55 -1.66 -3.10	33.36 -1.65 4.12	37.93 -1.70 0.19	38.10 -1.62 0.00	43.82 -1.56 0.00

HISHELDN_WT_PWR 323625	29.13 -1.87 0.00	31.22 -1.85 0.00	25.03 -1.91 0.00	26.94 -1.71 0.00	29.00 -2.12 0.00	29.70 -1.94 0.00	39.29 -2.26 0.00	41.76 -3.49 0.00	33.22 -3.50 0.04	21.54 -3.13 7.89	28.49 -3.32 1.42	10.00 -1.98 6.10	-6.76 -3.30 35.84	-5.34 -3.69 37.80	-4.96 -3.86 38.35	-3.82 -4.06 39.86	-4.17 -4.01 39.55	-2.06 -4.71 42.55	-0.62 -4.85 44.74	13.95 -3.98 23.16	30.76 -3.81 4.57	35.60 -3.80 0.41	36.40 -3.31 0.00	42.60 -2.78 0.00
HOLTSVILLE_IC_1 23690	48.58 1.11 -16.47	37.01 0.93 -3.01	29.33 0.86 -1.53	28.56 0.91 1.01	33.09 1.07 -0.90	35.68 1.18 -2.86	43.46 1.64 -0.28	46.99 1.75 0.00	38.73 1.98 0.00	35.73 1.82 -1.35	45.03 2.09 -9.72	73.80 1.20 -54.52	34.29 1.96 0.06	38.17 2.25 0.23	49.18 2.32 -9.62	54.21 2.66 -11.44	71.62 2.72 -29.51	97.39 2.88 -49.32	69.95 2.81 -18.17	45.60 2.15 -2.35	41.18 2.05 0.00	41.52 1.71 0.00	41.23 1.46 -0.05	48.75 1.85 -1.52
HOLTSVILLE_IC_10 23699	49.57 1.25 -17.32	37.40 1.07 -3.26	29.73 0.96 -1.83	28.92 1.02 0.75	33.42 1.17 -1.13	36.04 1.31 -3.09	43.66 1.82 -0.30	47.21 1.97 0.00	38.92 2.16 0.00	35.91 2.00 -1.35	45.57 2.28 -10.06	74.51 1.30 -55.13	34.97 2.18 -0.42	39.11 2.52 -0.44	50.86 2.60 -11.02	55.50 2.98 -12.42	74.46 3.03 -32.04	101.29 3.25 -52.85	70.47 3.20 -18.30	45.93 2.46 -2.37	41.49 2.37 0.00	41.82 2.01 0.00	41.50 1.73 -0.05	49.03 2.12 -1.53
HOLTSVILLE_IC_2 23691	48.58 1.11 -16.47	37.01 0.93 -3.01	29.33 0.86 -1.53	28.56 0.91 1.01	33.09 1.07 -0.90	35.68 1.18 -2.86	43.46 1.64 -0.28	46.99 1.75 0.00	38.73 1.98 0.00	35.73 1.82 -1.35	45.03 2.09 -9.72	73.80 1.20 -54.52	34.29 1.96 0.06	38.17 2.25 0.23	49.18 2.32 -9.62	54.21 2.66 -11.44	71.62 2.72 -29.51	97.39 2.88 -49.32	69.95 2.81 -18.17	45.60 2.15 -2.35	41.18 2.05 0.00	41.52 1.71 0.00	41.23 1.46 -0.05	48.75 1.85 -1.52
HOLTSVILLE_IC_3 23692	48.58 1.11 -16.47	37.01 0.93 -3.01	29.33 0.86 -1.53	28.56 0.91 1.01	33.09 1.07 -0.90	35.68 1.18 -2.86	43.46 1.64 -0.28	46.99 1.75 0.00	38.73 1.98 0.00	35.73 1.82 -1.35	45.03 2.09 -9.72	73.80 1.20 -54.52	34.29 1.96 0.06	38.17 2.25 0.23	49.18 2.32 -9.62	54.21 2.66 -11.44	71.62 2.72 -29.51	97.39 2.88 -49.32	69.95 2.81 -18.17	45.60 2.15 -2.35	41.18 2.05 0.00	41.52 1.71 0.00	41.23 1.46 -0.05	48.75 1.85 -1.52
HOLTSVILLE_IC_4 23693	48.58 1.11 -16.47	37.01 0.93 -3.01	29.33 0.86 -1.53	28.56 0.91 1.01	33.09 1.07 -0.90	35.68 1.18 -2.86	43.46 1.64 -0.28	46.99 1.75 0.00	38.73 1.98 0.00	35.73 1.82 -1.35	45.03 2.09 -9.72	73.80 1.20 -54.52	34.29 1.96 0.06	38.17 2.25 0.23	49.18 2.32 -9.62	54.21 2.66 -11.44	71.62 2.72 -29.51	97.39 2.88 -49.32	69.95 2.81 -18.17	45.60 2.15 -2.35	41.18 2.05 0.00	41.52 1.71 0.00	41.23 1.46 -0.05	48.75 1.85 -1.52
HOLTSVILLE_IC_5 23694	48.58 1.11 -16.47	37.01 0.93 -3.01	29.33 0.86 -1.53	28.56 0.91 1.01	33.09 1.07 -0.90	35.68 1.18 -2.86	43.46 1.64 -0.28	46.99 1.75 0.00	38.73 1.98 0.00	35.73 1.82 -1.35	45.03 2.09 -9.72	73.80 1.20 -54.52	34.29 1.96 0.06	38.17 2.25 0.23	49.18 2.32 -9.62	54.21 2.66 -11.44	71.62 2.72 -29.51	97.39 2.88 -49.32	69.95 2.81 -18.17	45.60 2.15 -2.35	41.18 2.05 0.00	41.52 1.71 0.00	41.23 1.46 -0.05	48.75 1.85 -1.52
HOLTSVILLE_IC_6 23695	49.57 1.25 -17.32	37.40 1.07 -3.26	29.73 0.96 -1.83	28.92 1.02 0.75	33.42 1.17 -1.13	36.04 1.31 -3.09	43.66 1.82 -0.30	47.21 1.97 0.00	38.92 2.16 0.00	35.91 2.00 -1.35	45.57 2.28 -10.06	74.51 1.30 -55.13	34.97 2.18 -0.42	39.11 2.52 -0.44	50.86 2.60 -11.02	55.50 2.98 -12.42	74.46 3.03 -32.04	101.29 3.25 -52.85	70.47 3.20 -18.30	45.93 2.46 -2.37	41.49 2.37 0.00	41.82 2.01 0.00	41.50 1.73 -0.05	49.03 2.12 -1.53
HOLTSVILLE_IC_7 23696	49.57 1.25 -17.32	37.40 1.07 -3.26	29.73 0.96 -1.83	28.92 1.02 0.75	33.42 1.17 -1.13	36.04 1.31 -3.09	43.66 1.82 -0.30	47.21 1.97 0.00	38.92 2.16 0.00	35.91 2.00 -1.35	45.57 2.28 -10.06	74.51 1.30 -55.13	34.97 2.18 -0.42	39.11 2.52 -0.44	50.86 2.60 -11.02	55.50 2.98 -12.42	74.46 3.03 -32.04	101.29 3.25 -52.85	70.47 3.20 -18.30	45.93 2.46 -2.37	41.49 2.37 0.00	41.82 2.01 0.00	41.50 1.73 -0.05	49.03 2.12 -1.53
HOLTSVILLE_IC_8 23697	49.57 1.25 -17.32	37.40 1.07 -3.26	29.73 0.96 -1.83	28.92 1.02 0.75	33.42 1.17 -1.13	36.04 1.31 -3.09	43.66 1.82 -0.30	47.21 1.97 0.00	38.92 2.16 0.00	35.91 2.00 -1.35	45.57 2.28 -10.06	74.51 1.30 -55.13	34.97 2.18 -0.42	39.11 2.52 -0.44	50.86 2.60 -11.02	55.50 2.98 -12.42	74.46 3.03 -32.04	101.29 3.25 -52.85	70.47 3.20 -18.30	45.93 2.46 -2.37	41.49 2.37 0.00	41.82 2.01 0.00	41.50 1.73 -0.05	49.03 2.12 -1.53
HOLTSVILLE_IC_9 23698	49.57 1.25 -17.32	37.40 1.07 -3.26	29.73 0.96 -1.83	28.92 1.02 0.75	33.42 1.17 -1.13	36.04 1.31 -3.09	43.66 1.82 -0.30	47.21 1.97 0.00	38.92 2.16 0.00	35.91 2.00 -1.35	45.57 2.28 -10.06	74.51 1.30 -55.13	34.97 2.18 -0.42	39.11 2.52 -0.44	50.86 2.60 -11.02	55.50 2.98 -12.42	74.46 3.03 -32.04	101.29 3.25 -52.85	70.47 3.20 -18.30	45.93 2.46 -2.37	41.49 2.37 0.00	41.82 2.01 0.00	41.50 1.73 -0.05	49.03 2.12 -1.53
HOMER_HL_115KV_TB2 355744	29.25 -1.75 0.00	31.34 -1.72 0.00	25.11 -1.83 0.00	27.10 -1.55 0.00	29.26 -1.86 0.00	29.91 -1.74 0.00	39.56 -1.98 0.00	42.39 -2.86 0.00	33.87 -2.85 0.04	29.38 -2.32 0.85	30.70 -2.39 0.15	15.88 -1.57 0.63	26.35 -2.33 3.70	29.74 -2.50 3.90	30.66 -2.63 3.96	33.02 -2.82 4.26	32.22 -2.89 4.28	36.55 -3.58 5.06	39.98 -3.67 5.32	35.34 -3.01 2.75	33.65 -2.84 2.64	36.71 -2.95 0.16	36.92 -2.80 0.00	42.85 -2.53 0.00
HOWARD_WT_PWR 323690	29.98 -1.01 0.00	32.14 -0.93 0.00	25.75 -1.19 0.00	27.64 -1.02 0.00	29.83 -1.29 0.00	30.39 -1.25 0.00	39.76 -1.78 0.00	41.79 -3.45 0.00	33.36 -3.33 0.08	38.02 -2.88 -8.35	31.58 -3.18 -1.53	22.63 -1.96 -6.51	67.08 -3.60 -38.31	72.37 -4.17 -40.39	73.93 -4.29 -40.98	78.41 -4.38 -42.68	77.58 -4.17 -42.36	86.12 -4.62 -45.55	92.58 -4.40 -48.01	62.45 -3.58 -24.93	33.46 -3.44 2.23	36.34 -3.54 -0.07	37.20 -2.52 0.00	43.62 -1.76 0.00
HQ_GEN_CEDARS 23644	31.89 0.89 0.00	34.22 1.16 0.00	27.79 0.84 0.00	29.46 0.80 0.00	31.97 0.84 0.00	32.50 0.85 0.00	42.82 1.28 0.00	46.53 1.29 0.00	37.49 0.73 0.00	33.05 0.50 0.00	33.69 0.46 0.00	18.31 0.23 0.00	32.69 0.31 0.00	36.40 0.25 0.00	37.49 0.25 0.00	40.37 0.27 0.00	39.57 0.18 0.00	45.71 0.52 0.00	49.43 0.46 0.00	41.58 0.48 0.00	39.70 0.57 0.00	40.48 0.67 0.00	40.40 0.68 0.00	46.15 0.78 0.00
HQ_GEN_CEDARS_PROXY 323590	31.89 0.89 0.00	34.22 1.16 0.00	27.79 0.84 0.00	29.46 0.80 0.00	31.96 0.84 0.00	32.50 0.85 0.00	42.82 1.28 0.00	46.53 1.29 0.00	32.67 0.73 4.82	32.85 0.50 0.20	33.69 0.45 0.00	18.31 0.23 0.00	32.69 0.32 0.00	36.40 0.25 0.00	37.49 0.25 0.00	40.37 0.27 0.00	39.57 0.18 0.00	45.71 0.52 0.00	49.43 0.46 0.00	41.58 0.48 0.00	39.70 0.57 0.00	40.48 0.67 0.00	39.72 0.68 0.69	46.15 0.78 0.00

HQ_GEN_IMPORT 323601	31.33 0.34 0.00	33.53 0.46 0.00	27.27 0.33 0.00	28.81 0.32 0.16	31.45 0.33 0.00	31.96 0.32 0.00	42.04 0.51 0.00	49.63 0.50 -3.88	37.05 0.29 0.00	32.76 0.21 0.00	33.43 0.20 0.00	18.18 0.11 0.00	32.51 0.14 0.00	36.26 0.11 0.00	37.34 0.10 0.00	40.20 0.10 0.00	39.38 -0.01 0.00	45.26 0.07 0.00	48.99 0.02 0.00	41.15 0.06 0.00	39.24 0.11 0.00	40.52 0.21 -0.49	39.95 0.23 0.00	47.65 0.25 -2.02
HQ_GEN_WHEEL 23651	31.33 0.34 0.00	33.53 0.46 0.00	27.27 0.33 0.00	28.81 0.32 0.16	31.45 0.33 0.00	31.96 0.32 0.00	42.04 0.51 0.00	49.63 0.50 -3.88	37.05 0.29 0.00	32.76 0.21 0.00	33.43 0.20 0.00	18.18 0.11 0.00	32.51 0.14 0.00	36.26 0.11 0.00	37.34 0.10 0.00	40.20 0.10 0.00	39.38 -0.01 0.00	45.26 0.07 0.00	48.99 0.02 0.00	41.15 0.06 0.00	39.24 0.11 0.00	40.52 0.21 -0.49	39.95 0.23 0.00	47.65 0.25 -2.02
HUDSON AVE_GT_3 23810	32.16 1.16 0.00	33.99 0.93 0.00	27.78 0.84 0.00	29.55 0.89 0.00	32.10 0.97 0.00	32.73 1.08 0.00	42.93 1.39 0.00	47.06 1.81 0.00	38.76 2.00 0.00	35.96 2.04 -1.37	40.83 2.25 -5.35	70.32 1.33 -50.91	34.84 2.46 0.00	39.03 2.88 0.00	40.38 3.14 0.00	43.57 3.47 0.00	42.91 3.52 0.00	48.84 3.64 0.00	52.72 3.75 0.00	44.08 2.98 0.00	41.80 2.67 0.00	42.24 2.43 0.00	42.08 2.37 0.00	47.83 2.44 0.00
HUDSON AVE_GT_4 23540	32.16 1.16 0.00	33.99 0.93 0.00	27.78 0.84 0.00	29.55 0.89 0.00	32.10 0.97 0.00	32.73 1.08 0.00	42.93 1.39 0.00	47.06 1.81 0.00	38.76 2.00 0.00	35.96 2.04 -1.37	40.83 2.25 -5.35	70.32 1.33 -50.91	34.84 2.46 0.00	39.03 2.88 0.00	40.38 3.14 0.00	43.57 3.47 0.00	42.91 3.52 0.00	48.84 3.64 0.00	52.72 3.75 0.00	44.08 2.98 0.00	41.80 2.67 0.00	42.24 2.43 0.00	42.08 2.37 0.00	47.83 2.44 0.00
HUDSON AVE_GT_5 23657	32.16 1.16 0.00	33.99 0.93 0.00	27.78 0.84 0.00	29.55 0.89 0.00	32.10 0.97 0.00	32.73 1.08 0.00	42.93 1.39 0.00	47.06 1.81 0.00	38.76 2.00 0.00	35.96 2.04 -1.37	40.83 2.25 -5.35	70.32 1.33 -50.91	34.84 2.46 0.00	39.03 2.88 0.00	40.38 3.14 0.00	43.57 3.47 0.00	42.91 3.52 0.00	48.84 3.64 0.00	52.72 3.75 0.00	44.08 2.98 0.00	41.80 2.67 0.00	42.24 2.43 0.00	42.08 2.37 0.00	47.83 2.44 0.00
HUDSON_AVE_10 24168	31.99 0.99 0.01	33.82 0.75 0.00	27.65 0.70 0.00	29.41 0.75 0.00	31.94 0.81 0.00	32.56 0.92 0.00	42.71 1.17 0.00	46.83 1.59 0.00	38.59 1.83 0.00	35.81 1.89 -1.37	40.67 2.09 -5.35	70.22 1.24 -50.91	34.67 2.30 0.00	38.85 2.70 0.00	40.19 2.94 0.00	43.35 3.25 0.00	42.71 3.32 0.00	48.61 3.42 0.00	52.46 3.49 0.00	43.88 2.78 0.00	41.60 2.47 0.00	42.03 2.22 0.00	41.92 2.20 0.00	47.60 2.22 0.00
HUDSON___115KV_TB 4 355613	31.73 0.73 0.00	33.67 0.61 0.00	27.67 0.73 0.00	29.40 0.74 0.00	31.94 0.82 0.00	32.44 0.80 0.00	42.44 0.90 0.00	46.46 1.21 0.00	37.95 1.19 0.00	33.74 1.00 -0.19	34.82 0.85 -0.75	25.73 0.54 -7.11	33.10 0.72 0.00	36.87 0.72 0.00	38.05 0.80 0.00	41.05 0.95 0.00	40.51 1.12 0.00	46.63 1.44 0.00	50.71 1.74 0.00	42.52 1.43 0.00	40.47 1.34 0.00	41.15 1.34 0.00	41.00 1.29 0.00	46.78 1.40 0.00
HUNTER MOUNT___DRP 323613	31.84 0.85 0.00	33.80 0.74 0.00	27.77 0.83 0.00	29.51 0.85 0.00	32.06 0.94 0.00	32.57 0.93 0.00	42.63 1.09 0.00	46.68 1.44 0.00	38.08 1.33 0.00	33.78 1.10 -0.13	34.64 0.92 -0.50	23.48 0.56 -4.84	33.12 0.75 0.00	36.89 0.74 0.00	38.06 0.82 0.00	41.09 0.99 0.00	40.57 1.18 0.00	46.72 1.52 0.00	50.85 1.88 0.00	42.66 1.56 0.00	40.62 1.49 0.00	41.29 1.48 0.00	41.13 1.41 0.00	46.92 1.54 0.00
HUNTINGTON_RES_REC 323705	49.87 1.32 -17.55	37.51 1.16 -3.29	29.84 1.04 -1.86	29.04 1.12 0.74	33.54 1.28 -1.14	36.12 1.36 -3.12	43.71 1.87 -0.31	47.33 2.08 0.00	39.02 2.26 0.00	36.05 2.14 -1.35	45.83 2.43 -10.17	74.82 1.41 -55.32	35.35 2.41 -0.56	39.61 2.82 -0.65	51.68 2.98 -11.46	56.22 3.38 -12.74	75.68 3.44 -32.85	102.86 3.65 -54.02	70.97 3.62 -18.38	46.28 2.80 -2.38	41.76 2.63 0.00	42.10 2.29 0.00	41.78 2.02 -0.05	49.30 2.38 -1.54
HUNTLEY___63 23557	28.97 -2.03 0.00	31.00 -2.06 0.00	24.85 -2.09 0.00	26.79 -1.87 0.00	28.86 -2.26 0.00	29.61 -2.03 0.00	39.27 -2.27 0.00	41.73 -3.51 0.00	33.23 -3.50 0.03	26.90 -2.94 2.71	29.60 -3.15 0.49	14.20 -1.79 2.09	17.18 -2.94 12.25	19.85 -3.38 12.92	20.56 -3.58 13.11	22.67 -3.83 13.60	21.96 -3.93 13.50	26.00 -4.70 14.49	28.76 -4.97 15.24	29.12 -4.09 7.89	32.72 -3.91 2.49	35.64 -3.98 0.19	36.17 -3.55 0.00	42.32 -3.06 0.00
HUNTLEY___64 23558	28.97 -2.03 0.00	31.00 -2.06 0.00	24.85 -2.09 0.00	26.79 -1.87 0.00	28.86 -2.26 0.00	29.61 -2.03 0.00	39.27 -2.27 0.00	41.73 -3.51 0.00	33.23 -3.50 0.03	26.90 -2.94 2.71	29.60 -3.15 0.49	14.20 -1.79 2.09	17.18 -2.94 12.25	19.85 -3.38 12.92	20.56 -3.58 13.11	22.67 -3.83 13.60	21.96 -3.93 13.50	26.00 -4.70 14.49	28.76 -4.97 15.24	29.12 -4.09 7.89	32.72 -3.91 2.49	35.64 -3.98 0.19	36.17 -3.55 0.00	42.32 -3.06 0.00
HUNTLEY___65 23559	28.97 -2.03 0.00	31.00 -2.06 0.00	24.85 -2.09 0.00	26.79 -1.87 0.00	28.86 -2.26 0.00	29.61 -2.03 0.00	39.27 -2.27 0.00	41.73 -3.51 0.00	33.23 -3.50 0.03	26.90 -2.94 2.71	29.60 -3.15 0.49	14.20 -1.79 2.09	17.18 -2.94 12.25	19.85 -3.38 12.92	20.56 -3.58 13.11	22.67 -3.83 13.60	21.96 -3.93 13.50	26.00 -4.70 14.49	28.76 -4.97 15.24	29.12 -4.09 7.89	32.72 -3.91 2.49	35.64 -3.98 0.19	36.17 -3.55 0.00	42.32 -3.06 0.00
HUNTLEY___66 23560	28.97 -2.03 0.00	31.00 -2.06 0.00	24.85 -2.09 0.00	26.79 -1.87 0.00	28.86 -2.26 0.00	29.61 -2.03 0.00	39.27 -2.27 0.00	41.73 -3.51 0.00	33.23 -3.50 0.03	26.90 -2.94 2.71	29.60 -3.15 0.49	14.20 -1.79 2.09	17.18 -2.94 12.25	19.85 -3.38 12.92	20.56 -3.58 13.11	22.67 -3.83 13.60	21.96 -3.93 13.50	26.00 -4.70 14.49	28.76 -4.97 15.24	29.12 -4.09 7.89	32.72 -3.91 2.49	35.64 -3.98 0.19	36.17 -3.55 0.00	42.32 -3.06 0.00
HUNTLEY___67 23561	28.77 -2.23 0.00	30.80 -2.26 0.00	24.70 -2.24 0.00	26.64 -2.01 0.00	28.70 -2.42 0.00	29.42 -2.22 0.00	39.00 -2.54 0.00	41.46 -3.78 0.00	33.04 -3.69 0.03	26.29 -3.13 3.14	29.36 -3.31 0.56	13.75 -1.91 2.41	14.98 -3.21 14.19	17.53 -3.66 14.96	18.20 -3.86 15.18	20.23 -4.15 15.72	19.55 -4.25 15.59	23.41 -5.05 16.73	26.02 -5.35 17.60	27.60 -4.39 9.11	32.27 -4.17 2.69	35.39 -4.21 0.21	35.94 -3.78 0.00	42.08 -3.30 0.00
HUNTLEY___68 23562	28.77 -2.23 0.00	30.80 -2.26 0.00	24.70 -2.24 0.00	26.64 -2.01 0.00	28.70 -2.42 0.00	29.42 -2.22 0.00	39.00 -2.54 0.00	41.46 -3.78 0.00	33.04 -3.69 0.03	26.29 -3.13 3.14	29.36 -3.31 0.56	13.75 -1.91 2.41	14.98 -3.21 14.19	17.53 -3.66 14.96	18.20 -3.86 15.18	20.23 -4.15 15.72	19.55 -4.25 15.59	23.41 -5.05 16.73	26.02 -5.35 17.60	27.60 -4.39 9.11	32.27 -4.17 2.69	35.39 -4.21 0.21	35.94 -3.78 0.00	42.08 -3.30 0.00



HYLAND___LFGE 323620	31.15 0.16 0.00	33.27 0.21 0.00	26.76 -0.18 0.00	28.72 0.07 0.00	31.03 -0.10 0.00	31.81 0.17 0.00	42.16 0.63 0.00	45.15 -0.09 0.00	35.87 -0.85 0.04	40.82 -1.15 -9.41	33.30 -1.65 -1.71	24.43 -0.98 -7.32	73.86 -1.60 -43.08	79.67 -1.90 -45.43	81.29 -2.04 -46.08	86.08 -2.06 -48.03	85.47 -1.60 -47.68	94.81 -1.73 -51.35	101.72 -1.31 -54.06	68.85 -0.27 -28.02	39.21 -0.13 -0.21	39.78 -0.25 -0.22	39.66 -0.06 0.00	45.84 0.46 0.00
INDECK___CORINTH 23802	32.91 1.92 0.00	34.96 1.89 0.00	28.60 1.66 0.00	30.44 1.79 0.00	33.11 1.99 0.00	33.65 2.01 0.00	44.08 2.54 0.00	48.23 2.98 0.00	39.23 2.47 0.00	34.93 2.15 -0.23	36.09 1.94 -0.92	27.77 1.01 -8.68	34.01 1.64 0.00	37.63 1.48 0.00	38.49 1.24 0.00	41.34 1.23 0.00	40.86 1.47 0.00	46.95 1.76 0.00	51.30 2.33 0.00	42.97 1.87 0.00	41.03 1.90 0.00	41.75 1.94 0.00	41.67 1.95 0.00	48.26 2.88 0.00
INDECK___ILION 23567	31.36 0.36 0.00	33.37 0.30 0.00	27.28 0.34 0.00	29.03 0.37 0.00	31.55 0.43 0.00	32.07 0.43 0.00	42.03 0.49 0.00	45.75 0.51 0.00	37.13 0.37 0.00	32.79 0.24 0.00	33.43 0.20 0.00	18.19 0.11 0.00	32.61 0.23 0.00	36.47 0.32 0.00	37.52 0.27 0.00	40.37 0.27 0.00	39.66 0.27 0.00	45.67 0.47 0.00	49.77 0.80 0.00	41.78 0.68 0.00	39.73 0.60 0.00	40.37 0.56 0.00	40.21 0.49 0.00	45.85 0.47 0.00
INDECK___OLEAN 23982	29.25 -1.74 0.00	31.34 -1.73 0.00	25.11 -1.84 0.00	27.09 -1.56 0.00	29.25 -1.88 0.00	29.90 -1.74 0.00	39.56 -1.98 0.00	42.40 -2.85 0.00	33.87 -2.85 0.04	29.39 -2.32 0.85	30.70 -2.38 0.15	15.89 -1.56 0.63	26.39 -2.28 3.70	29.80 -2.44 3.90	30.71 -2.57 3.96	33.11 -2.74 4.26	32.31 -2.80 4.28	36.64 -3.49 5.06	40.06 -3.59 5.32	35.38 -2.97 2.75	33.65 -2.84 2.64	36.72 -2.94 0.16	36.92 -2.80 0.00	42.86 -2.52 0.00
INDECK___OSWEGO 23783	30.06 -0.94 0.00	32.05 -1.01 0.00	26.06 -0.88 0.00	27.74 -0.92 0.00	30.10 -1.03 0.00	30.63 -1.01 0.00	40.26 -1.27 0.00	43.82 -1.43 0.00	35.55 -1.21 0.00	31.45 -1.10 0.00	32.08 -1.16 0.00	17.40 -0.68 0.00	31.17 -1.21 0.00	34.81 -1.34 0.00	35.88 -1.36 0.00	38.63 -1.47 0.00	38.01 -1.38 0.00	43.68 -1.51 0.00	47.49 -1.48 0.00	39.93 -1.17 0.00	38.03 -1.09 0.00	38.64 -1.17 0.00	38.55 -1.17 0.00	44.06 -1.32 0.00
INDECK___YERKES 23781	29.00 -2.00 0.00	31.03 -2.03 0.00	24.88 -2.07 0.00	26.82 -1.84 0.00	28.89 -2.23 0.00	29.64 -2.00 0.00	39.31 -2.22 0.00	41.78 -3.47 0.00	33.27 -3.46 0.03	26.94 -2.90 2.71	29.63 -3.12 0.49	14.24 -1.76 2.09	17.29 -2.83 12.25	19.99 -3.24 12.92	20.70 -3.44 13.11	22.83 -3.66 13.60	22.13 -3.76 13.50	26.18 -4.52 14.49	28.91 -4.82 15.24	29.22 -3.98 7.89	32.78 -3.86 2.49	35.71 -3.92 0.19	36.20 -3.51 0.00	42.37 -3.01 0.00
INDIAN POINT_GT_1 24139	31.87 0.87 0.00	33.75 0.68 0.00	27.58 0.64 0.00	29.35 0.70 0.00	31.89 0.76 0.00	32.47 0.83 0.00	42.56 1.02 0.00	46.62 1.37 0.00	38.30 1.54 0.00	35.64 1.57 -1.51	40.91 1.75 -5.92	75.52 1.03 -56.42	34.29 1.91 0.00	38.42 2.27 0.00	39.75 2.51 0.00	42.91 2.80 0.00	42.26 2.87 0.00	48.16 2.96 0.00	52.04 3.07 0.00	43.50 2.40 0.00	41.27 2.14 0.00	41.73 1.92 0.00	41.56 1.84 0.00	47.31 1.93 0.00
INDIAN POINT_GT_2 23659	31.87 0.87 0.00	33.75 0.68 0.00	27.58 0.64 0.00	29.35 0.70 0.00	31.89 0.76 0.00	32.47 0.83 0.00	42.56 1.02 0.00	46.62 1.37 0.00	38.30 1.54 0.00	35.64 1.57 -1.51	40.91 1.75 -5.92	75.52 1.03 -56.42	34.29 1.91 0.00	38.42 2.27 0.00	39.75 2.51 0.00	42.91 2.80 0.00	42.26 2.87 0.00	48.16 2.96 0.00	52.04 3.07 0.00	43.50 2.40 0.00	41.27 2.14 0.00	41.73 1.92 0.00	41.56 1.84 0.00	47.31 1.93 0.00
INDIAN POINT_GT_3 24019	31.87 0.87 0.00	33.75 0.68 0.00	27.58 0.64 0.00	29.35 0.70 0.00	31.89 0.76 0.00	32.47 0.83 0.00	42.56 1.02 0.00	46.62 1.37 0.00	38.30 1.54 0.00	35.64 1.57 -1.51	40.91 1.75 -5.92	75.52 1.03 -56.42	34.29 1.91 0.00	38.42 2.27 0.00	39.75 2.51 0.00	42.91 2.80 0.00	42.26 2.87 0.00	48.16 2.96 0.00	52.04 3.07 0.00	43.50 2.40 0.00	41.27 2.14 0.00	41.73 1.92 0.00	41.56 1.84 0.00	47.31 1.93 0.00
INDIAN POINT___2 23530	31.83 0.84 0.00	33.72 0.66 0.00	27.56 0.61 0.00	29.33 0.67 0.00	31.86 0.73 0.00	32.44 0.80 0.00	42.51 0.97 0.00	46.57 1.32 0.00	38.25 1.49 0.00	35.93 1.54 -1.84	42.14 1.70 -7.20	87.75 1.00 -68.67	34.24 1.86 0.00	38.38 2.23 0.00	39.71 2.47 0.00	42.87 2.77 0.00	42.20 2.81 0.00	48.09 2.90 0.00	51.97 3.00 0.00	43.45 2.35 0.00	41.21 2.08 0.00	41.68 1.87 0.00	41.51 1.79 0.00	47.26 1.88 0.00
INDIAN POINT___3 23531	31.86 0.86 0.00	33.75 0.68 0.00	27.58 0.64 0.00	29.36 0.70 0.00	31.89 0.77 0.00	32.47 0.83 0.00	42.54 1.00 0.00	46.61 1.37 0.00	38.29 1.53 0.00	35.64 1.57 -1.52	40.91 1.74 -5.93	75.62 1.02 -56.52	34.27 1.90 0.00	38.40 2.25 0.00	39.74 2.49 0.00	42.90 2.79 0.00	42.23 2.85 0.00	48.13 2.94 0.00	52.00 3.03 0.00	43.47 2.37 0.00	41.24 2.11 0.00	41.72 1.91 0.00	41.55 1.83 0.00	47.30 1.91 0.00
INGHAM_C_115KV_TB7 356103	31.80 0.81 0.00	33.78 0.71 0.00	27.70 0.75 0.00	29.48 0.82 0.00	32.06 0.94 0.00	32.59 0.95 0.00	42.65 1.11 0.00	46.36 1.12 0.00	37.50 0.74 0.00	32.98 0.43 0.00	33.59 0.36 0.00	18.30 0.22 0.00	32.83 0.46 0.00	36.74 0.59 0.00	37.73 0.49 0.00	40.61 0.51 0.00	39.85 0.46 0.00	46.09 0.90 0.00	50.56 1.59 0.00	42.51 1.41 0.00	40.41 1.29 0.00	41.08 1.27 0.00	40.84 1.13 0.00	46.47 1.09 0.00
IP CORINTH___1 23988	32.91 1.92 0.00	34.96 1.89 0.00	28.60 1.66 0.00	30.44 1.79 0.00	33.11 1.99 0.00	33.65 2.01 0.00	44.08 2.54 0.00	48.23 2.98 0.00	39.23 2.47 0.00	34.93 2.15 -0.23	36.09 1.94 -0.92	27.78 1.02 -8.68	34.05 1.67 0.00	37.71 1.56 0.00	38.64 1.40 0.00	41.54 1.43 0.00	41.08 1.69 0.00	47.19 2.00 0.00	51.55 2.58 0.00	43.19 2.10 0.00	41.24 2.11 0.00	41.97 2.16 0.00	41.85 2.14 0.00	48.29 2.91 0.00
IP___TICONDEROGA 23804	34.35 3.35 0.00	36.40 3.33 0.00	29.89 2.94 0.00	31.92 3.27 0.00	34.67 3.54 0.00	35.17 3.53 0.00	45.90 4.36 0.00	50.36 5.12 0.00	40.91 4.15 0.00	36.45 3.65 -0.24	37.72 3.56 -0.92	28.65 1.82 -8.75	35.61 3.23 0.00	39.33 3.19 0.00	40.43 3.19 0.00	43.46 3.35 0.00	43.13 3.74 0.00	49.31 4.12 0.00	53.84 4.87 0.00	45.22 4.12 0.00	43.43 4.30 0.00	44.41 4.59 0.00	44.41 4.69 0.00	50.35 4.97 0.00
ISLIP_RES_REC 323679	50.29 1.39 -17.90	37.70 1.21 -3.43	30.05 1.07 -2.05	29.20 1.12 0.58	33.70 1.30 -1.28	36.34 1.44 -3.26	43.88 2.02 -0.32	47.44 2.20 0.00	39.12 2.35 0.00	36.09 2.18 -1.35	45.99 2.47 -10.29	75.03 1.41 -55.54	35.49 2.38 -0.73	39.80 2.76 -0.90	52.04 2.84 -11.96	56.44 3.26 -13.08	76.44 3.32 -33.73	103.98 3.57 -55.22	70.90 3.54 -18.39	46.23 2.74 -2.38	41.77 2.64 0.00	42.07 2.25 0.00	41.72 1.96 -0.05	49.29 2.37 -1.54

JAMAICA__27_KV_LOAD 355505	32.03 1.03 0.01	33.90 0.83 0.00	27.71 0.76 0.00	29.46 0.81 0.00	31.99 0.86 0.00	32.61 0.97 0.00	42.84 1.30 0.00	46.98 1.73 0.00	38.72 1.96 0.00	35.92 2.00 -1.37	40.77 2.19 -5.35	70.27 1.28 -50.91	34.75 2.38 0.00	38.97 2.83 0.00	40.28 3.04 0.00	43.47 3.37 0.00	42.86 3.47 0.00	48.79 3.60 0.00	52.65 3.68 0.00	44.05 2.95 0.00	41.71 2.59 0.00	42.17 2.35 0.00	42.13 2.42 0.00	47.75 2.38 0.00
JANIS__SOLAR 323808	31.62 0.62 0.00	33.76 0.69 0.00	27.35 0.40 0.00	29.19 0.54 0.00	31.64 0.51 0.00	32.28 0.64 0.00	42.68 1.14 0.00	46.17 0.92 0.00	37.10 0.27 -0.07	33.07 -0.15 -0.67	32.97 -0.36 -0.11	18.19 -0.35 -0.46	34.51 -0.52 -2.65	38.48 -0.46 -2.80	39.13 -0.95 -2.84	42.03 -1.02 -2.94	41.70 -0.61 -2.92	48.12 -0.22 -3.14	52.85 0.54 -3.34	43.61 0.76 -1.75	44.37 0.64 -4.61	40.45 0.38 -0.25	40.07 0.35 0.00	45.80 0.42 0.00
JARVIS____ 23743	31.01 0.01 0.00	33.04 -0.03 0.00	26.96 0.01 0.00	28.66 0.00 0.00	31.14 0.02 0.00	31.64 0.00 0.00	41.50 -0.03 0.00	45.25 0.00 0.00	36.80 0.04 0.00	32.59 0.04 0.00	33.26 0.03 0.00	18.10 0.02 0.00	32.41 0.03 0.00	36.20 0.05 0.00	37.31 0.06 0.00	40.16 0.06 0.00	39.49 0.10 0.00	45.29 0.10 0.00	49.15 0.18 0.00	41.22 0.13 0.00	39.22 0.09 0.00	39.86 0.05 0.00	39.76 0.04 0.00	45.43 0.05 0.00
JENNISON____1 23625	31.76 0.76 0.00	33.91 0.84 0.00	27.48 0.54 0.00	29.36 0.71 0.00	31.84 0.72 0.00	32.46 0.82 0.00	42.85 1.31 0.00	46.40 1.16 0.00	37.33 0.55 -0.02	32.82 0.25 -0.02	33.37 0.14 0.00	17.98 -0.11 0.00	31.98 -0.39 0.00	35.82 -0.33 0.00	36.71 -0.53 0.00	39.43 -0.68 0.00	38.85 -0.54 0.00	44.94 -0.25 0.00	49.28 0.31 0.00	41.50 0.40 0.00	40.26 0.23 -0.90	39.66 -0.20 -0.05	39.60 -0.11 0.00	45.18 -0.20 0.00
JENNISON____2 23626	31.76 0.76 0.00	33.91 0.84 0.00	27.48 0.54 0.00	29.36 0.71 0.00	31.84 0.72 0.00	32.46 0.82 0.00	42.85 1.31 0.00	46.40 1.16 0.00	37.33 0.55 -0.02	32.82 0.25 -0.02	33.37 0.14 0.00	17.98 -0.11 0.00	31.98 -0.39 0.00	35.82 -0.33 0.00	36.71 -0.53 0.00	39.43 -0.68 0.00	38.85 -0.54 0.00	44.94 -0.25 0.00	49.28 0.31 0.00	41.50 0.40 0.00	40.26 0.23 -0.90	39.66 -0.20 -0.05	39.60 -0.11 0.00	45.18 -0.20 0.00
JERICOHO_RISE_WT_PWR 323719	31.74 0.74 0.00	34.10 1.03 0.00	27.88 0.94 0.00	29.61 0.95 0.00	32.12 1.00 0.00	32.57 0.93 0.00	42.71 1.17 0.00	46.34 1.09 0.00	37.45 0.69 0.00	33.14 0.59 0.00	33.65 0.41 0.00	18.12 0.04 0.00	32.29 -0.08 0.00	35.82 -0.33 0.00	36.79 -0.46 0.00	39.45 -0.66 0.00	38.52 -0.87 0.00	44.70 -0.49 0.00	48.60 -0.37 0.00	40.61 -0.49 0.00	38.68 -0.45 0.00	39.15 -0.66 0.00	39.37 -0.34 0.00	44.92 -0.46 0.00
KATONAH__115KV_46KV_TB4 355592	32.07 1.08 0.00	33.95 0.89 0.00	27.77 0.83 0.00	29.55 0.89 0.00	32.11 0.98 0.00	32.68 1.04 0.00	42.84 1.30 0.00	46.98 1.73 0.00	38.61 1.85 0.00	35.46 1.84 -1.07	39.45 2.04 -4.17	58.62 1.17 -39.37	34.55 2.17 0.00	38.67 2.52 0.00	40.02 2.78 0.00	43.21 3.11 0.00	42.59 3.20 0.00	48.55 3.36 0.00	52.44 3.47 0.00	43.84 2.74 0.00	41.59 2.47 0.00	42.06 2.24 0.00	41.87 2.15 0.00	47.62 2.24 0.00
KCE_NY_1 323755	32.44 1.45 0.00	34.53 1.46 0.00	28.19 1.25 0.00	29.99 1.34 0.00	32.66 1.54 0.00	33.18 1.54 0.00	43.48 1.94 0.00	47.54 2.30 0.00	38.63 1.87 0.00	34.41 1.62 -0.24	35.77 1.61 -0.93	27.75 0.82 -8.85	33.84 1.46 0.00	37.68 1.53 0.00	38.80 1.55 0.00	41.76 1.66 0.00	41.32 1.93 0.00	47.43 2.24 0.00	51.56 2.59 0.00	43.17 2.08 0.00	41.11 1.98 0.00	41.85 2.04 0.00	41.68 1.96 0.00	47.68 2.30 0.00
KCE_NY_6_ESR 323823	29.07 -1.92 0.00	31.14 -1.93 0.00	24.94 -2.00 0.00	26.89 -1.76 0.00	28.95 -2.17 0.00	29.67 -1.97 0.00	39.34 -2.20 0.00	41.89 -3.36 0.00	33.37 -3.36 0.03	26.45 -2.89 3.21	29.59 -3.06 0.58	13.79 -1.81 2.47	14.95 -2.92 14.51	17.56 -3.29 15.30	18.26 -3.47 15.52	20.30 -3.69 16.12	19.65 -3.75 15.99	23.54 -4.48 17.17	26.15 -4.76 18.06	27.83 -3.92 9.35	32.54 -3.75 2.83	35.81 -3.78 0.22	36.32 -3.39 0.00	42.56 -2.83 0.00
KEDC_PORT_JEFF_GT2 24210	49.22 1.21 -17.01	37.27 1.04 -3.16	29.60 0.94 -1.71	28.80 1.00 0.85	33.31 1.14 -1.04	35.92 1.27 -3.00	43.61 1.78 -0.30	47.17 1.92 0.00	38.88 2.12 0.00	35.88 1.97 -1.35	45.41 2.24 -9.94	74.29 1.29 -54.91	34.78 2.16 -0.24	38.85 2.50 -0.20	50.34 2.59 -10.51	55.09 2.92 -12.06	73.35 2.83 -31.12	99.76 2.99 -51.58	70.15 2.92 -18.26	45.69 2.23 -2.37	41.45 2.32 0.00	41.78 1.97 0.00	41.46 1.69 -0.05	48.99 2.08 -1.53
KEDC_PORT_JEFF_GT3 24211	49.22 1.21 -17.01	37.27 1.04 -3.16	29.60 0.94 -1.71	28.80 1.00 0.85	33.31 1.14 -1.04	35.92 1.27 -3.00	43.61 1.78 -0.30	47.17 1.92 0.00	38.88 2.12 0.00	35.88 1.97 -1.35	45.41 2.24 -9.94	74.29 1.29 -54.91	34.78 2.16 -0.24	38.85 2.50 -0.20	50.34 2.59 -10.51	55.09 2.92 -12.06	73.35 2.83 -31.12	99.76 2.99 -51.58	70.15 2.92 -18.26	45.69 2.23 -2.37	41.45 2.32 0.00	41.78 1.97 0.00	41.46 1.69 -0.05	48.99 2.08 -1.53
KEDC_GLWD_GT4 24219	106.01 1.33 -73.68	50.79 1.15 -16.57	45.52 1.04 -17.54	41.13 1.14 -11.33	44.93 1.27 -12.53	48.69 1.32 -15.73	44.82 1.72 -1.56	47.30 2.06 0.00	38.97 2.21 0.00	36.08 2.16 -1.37	69.68 2.32 -34.13	116.63 1.30 -97.25	67.40 2.35 -32.67	84.87 2.74 -45.97	147.75 2.98 -107.53	124.41 3.30 -81.00	251.66 3.39 -208.87	350.85 3.55 -302.10	83.99 3.55 -31.46	47.97 2.80 -4.08	41.64 2.51 0.00	42.08 2.26 0.00	42.15 2.34 -0.09	50.59 2.58 -2.63
KEDC_GLWD_GT5 24220	106.01 1.33 -73.68	50.79 1.15 -16.57	45.52 1.04 -17.54	41.13 1.14 -11.33	44.93 1.27 -12.53	48.69 1.32 -15.73	44.82 1.72 -1.56	47.30 2.06 0.00	38.97 2.21 0.00	36.08 2.16 -1.37	69.68 2.32 -34.13	116.63 1.30 -97.25	67.40 2.35 -32.67	84.87 2.74 -45.97	147.75 2.98 -107.53	124.41 3.30 -81.00	251.66 3.39 -208.87	350.85 3.55 -302.10	83.99 3.55 -31.46	47.97 2.80 -4.08	41.64 2.51 0.00	42.08 2.26 0.00	42.15 2.34 -0.09	50.59 2.58 -2.63
KENSICO____ 23655	31.99 0.99 0.00	33.87 0.80 0.00	27.69 0.74 0.00	29.46 0.81 0.00	32.01 0.88 0.00	32.59 0.96 0.00	42.72 1.18 0.00	46.82 1.57 0.00	38.49 1.73 0.00	35.71 1.74 -1.41	40.70 1.94 -5.53	71.86 1.13 -52.65	34.46 2.09 0.00	38.60 2.45 0.00	39.93 2.69 0.00	43.10 2.99 0.00	42.44 3.05 0.00	48.37 3.18 0.00	52.25 3.28 0.00	43.69 2.59 0.00	41.44 2.31 0.00	41.91 2.10 0.00	41.75 2.03 0.00	47.50 2.12 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.93 0.93 0.00	33.86 0.79 0.00	27.63 0.68 0.00	29.43 0.77 0.00	31.97 0.84 0.00	32.55 0.91 0.00	42.71 1.16 0.00	46.75 1.50 0.00	38.29 1.52 0.00	33.63 1.47 0.40	33.31 1.63 1.55	5.02 0.89 13.95	34.01 1.63 0.00	37.91 1.76 0.00	39.26 2.02 0.00	42.44 2.34 0.00	41.82 2.43 0.00	47.82 2.63 0.00	51.79 2.82 0.00	43.39 2.29 0.00	41.19 2.06 0.00	41.90 2.09 0.00	41.69 1.97 0.00	47.46 2.08 0.00

KIAC_JFK_GT1 23816	31.86 0.87 0.01	33.72 0.65 0.00	27.57 0.63 0.00	29.31 0.65 0.00	31.83 0.70 0.00	32.44 0.80 0.00	42.60 1.06 0.00	46.68 1.44 0.00	38.50 1.74 0.00	35.74 1.82 -1.37	40.58 2.00 -5.35	70.17 1.18 -50.91	34.57 2.19 0.00	38.72 2.57 0.00	39.94 2.69 0.00	43.08 2.98 0.00	42.48 3.09 0.00	48.37 3.18 0.00	52.16 3.19 0.00	43.65 2.55 0.00	41.33 2.20 0.00	41.77 1.96 0.00	41.76 2.04 0.00	47.49 2.10 0.00
KIAC_JFK_GT2 23817	31.86 0.87 0.01	33.72 0.65 0.00	27.57 0.63 0.00	29.31 0.65 0.00	31.83 0.70 0.00	32.44 0.80 0.00	42.60 1.06 0.00	46.68 1.44 0.00	38.50 1.74 0.00	35.74 1.82 -1.37	40.58 2.00 -5.35	70.17 1.18 -50.91	34.57 2.19 0.00	38.72 2.57 0.00	39.94 2.69 0.00	43.08 2.98 0.00	42.48 3.09 0.00	48.37 3.18 0.00	52.16 3.19 0.00	43.65 2.55 0.00	41.33 2.20 0.00	41.77 1.96 0.00	41.76 2.04 0.00	47.49 2.10 0.00
KIAC_JFK____ 323774	31.86 0.87 0.01	33.71 0.65 0.00	27.57 0.62 0.00	29.31 0.66 0.00	31.83 0.70 0.00	32.44 0.80 0.00	42.60 1.06 0.00	46.68 1.44 0.00	38.50 1.74 0.00	35.74 1.82 -1.37	40.59 2.00 -5.35	70.17 1.18 -50.91	34.57 2.19 0.00	38.72 2.57 0.00	39.94 2.69 0.00	43.08 2.97 0.00	42.48 3.09 0.00	48.35 3.16 0.00	52.16 3.19 0.00	43.65 2.55 0.00	41.32 2.20 0.00	41.77 1.95 0.00	41.76 2.04 0.00	47.49 2.10 0.00
KINTIGH__24_KV_GSU 356498	28.98 -2.02 0.00	31.02 -2.05 0.00	24.94 -2.01 0.00	26.85 -1.81 0.00	28.97 -2.16 0.00	29.67 -1.97 0.00	39.29 -2.25 0.00	41.93 -3.31 0.00	33.50 -3.24 0.02	27.90 -2.74 1.91	30.01 -2.88 0.34	14.96 -1.65 1.47	21.01 -2.74 8.63	23.95 -3.10 9.09	24.72 -3.30 9.23	26.98 -3.55 9.57	26.29 -3.60 9.50	30.70 -4.29 10.20	33.69 -4.56 10.72	31.79 -3.76 5.55	33.55 -3.61 1.97	36.01 -3.66 0.14	36.38 -3.34 0.00	42.41 -2.98 0.00
KINTIGH____ 23543	28.97 -2.03 0.00	30.99 -2.08 0.00	24.92 -2.03 0.00	26.83 -1.83 0.00	28.95 -2.18 0.00	29.65 -1.99 0.00	39.27 -2.27 0.00	41.90 -3.35 0.00	33.47 -3.26 0.02	27.88 -2.76 1.91	29.98 -2.91 0.34	14.94 -1.67 1.47	20.93 -2.82 8.63	23.83 -3.22 9.09	24.61 -3.41 9.23	26.86 -3.67 9.57	26.16 -3.73 9.50	30.56 -4.44 10.20	33.57 -4.67 10.72	31.72 -3.83 5.55	33.52 -3.64 1.97	35.97 -3.70 0.14	36.36 -3.35 0.00	42.39 -2.99 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.05 1.05 0.00	34.41 1.34 0.00	28.26 1.32 0.00	30.01 1.36 0.00	32.57 1.45 0.00	33.01 1.37 0.00	43.23 1.69 0.00	46.94 1.70 0.00	37.87 1.11 0.00	33.51 0.96 0.00	33.97 0.74 0.00	18.22 0.14 0.00	32.49 0.11 0.00	36.00 -0.15 0.00	36.95 -0.30 0.00	39.58 -0.52 0.00	38.55 -0.84 0.00	44.91 -0.28 0.00	49.15 0.17 0.00	40.91 -0.18 0.00	39.01 -0.12 0.00	39.34 -0.47 0.00	39.62 -0.10 0.00	45.20 -0.18 0.00
LACHUTE____HYDRO 323717	34.35 3.35 0.00	36.40 3.33 0.00	29.89 2.94 0.00	31.92 3.26 0.00	34.66 3.54 0.00	35.17 3.53 0.00	45.91 4.36 0.00	50.36 5.12 0.00	40.91 4.15 0.00	36.44 3.65 -0.24	37.72 3.56 -0.92	28.64 1.81 -8.75	35.61 3.23 0.00	39.34 3.19 0.00	40.43 3.19 0.00	43.46 3.35 0.00	43.13 3.74 0.00	49.31 4.12 0.00	53.85 4.88 0.00	45.22 4.12 0.00	43.43 4.30 0.00	44.41 4.59 0.00	44.41 4.69 0.00	50.35 4.97 0.00
LAWRNCV_115KV_TB1 80681	32.10 1.10 0.00	34.48 1.42 0.00	27.99 1.05 0.00	29.64 0.99 0.00	32.14 1.01 0.00	32.67 1.03 0.00	43.09 1.55 0.00	46.80 1.55 0.00	37.59 0.83 0.00	33.10 0.55 0.00	33.67 0.44 0.00	18.25 0.17 0.00	32.53 0.15 0.00	36.20 0.05 0.00	37.33 0.08 0.00	40.21 0.10 0.00	39.41 0.01 0.00	45.74 0.55 0.00	49.58 0.61 0.00	41.75 0.65 0.00	39.85 0.72 0.00	40.59 0.77 0.00	40.50 0.78 0.00	46.26 0.88 0.00
LEDERLE____ 23769	31.98 0.99 0.00	33.90 0.83 0.00	27.67 0.73 0.00	29.47 0.81 0.00	32.00 0.88 0.00	32.59 0.96 0.00	42.73 1.19 0.00	46.82 1.57 0.00	38.45 1.69 0.00	32.31 1.73 1.97	27.42 1.91 7.72	-54.25 1.11 73.44	34.46 2.08 0.00	38.68 2.53 0.00	40.04 2.79 0.00	43.26 3.16 0.00	42.55 3.16 0.00	48.51 3.32 0.00	52.40 3.43 0.00	43.76 2.66 0.00	41.53 2.40 0.00	41.97 2.15 0.00	41.78 2.06 0.00	47.53 2.15 0.00
LIGHTHSE_115KV_TB6 355974	30.75 -0.25 0.00	32.83 -0.24 0.00	26.65 -0.30 0.00	28.25 -0.41 0.00	30.60 -0.53 0.00	31.13 -0.51 0.00	40.91 -0.63 0.00	44.68 -0.56 0.00	36.15 -0.61 0.00	31.94 -0.61 0.00	32.47 -0.76 0.00	17.49 -0.59 0.00	31.16 -1.22 0.00	34.75 -1.40 0.00	35.93 -1.32 0.00	38.62 -1.48 0.00	37.93 -1.46 0.00	43.92 -1.27 0.00	48.21 -0.76 0.00	40.58 -0.52 0.00	38.62 -0.51 0.00	39.12 -0.69 0.00	39.05 -0.66 0.00	44.69 -0.69 0.00
LINDEN COGEN____ 23786	31.94 0.94 0.00	33.76 0.69 0.00	27.59 0.65 0.00	29.34 0.69 0.00	31.87 0.75 0.00	32.51 0.86 0.00	42.61 1.07 0.00	46.72 1.47 0.00	38.49 1.73 0.00	35.71 1.80 -1.37	40.58 2.00 -5.35	70.18 1.20 -50.91	34.61 2.23 0.00	38.79 2.65 0.00	40.14 2.90 0.00	43.30 3.20 0.00	42.63 3.24 0.00	48.52 3.33 0.00	52.38 3.41 0.00	43.79 2.69 0.00	41.52 2.39 0.00	41.95 2.14 0.00	41.81 2.09 0.00	47.51 2.13 0.00
LINDHRST_69_KV_BK1 356055	62.65 1.56 -30.10	42.09 1.39 -7.63	35.53 1.27 -7.32	33.82 1.37 -3.79	37.79 1.52 -5.14	40.49 1.58 -7.26	44.42 2.17 -0.72	47.63 2.39 0.00	39.26 2.50 0.00	36.22 2.31 -1.36	50.73 2.58 -14.92	83.63 1.45 -64.10	42.44 2.49 -7.57	49.06 2.84 -10.07	70.98 3.03 -30.70	69.74 3.41 -26.23	110.56 3.52 -67.65	151.67 3.71 -102.77	73.03 3.72 -20.35	46.71 2.98 -2.64	41.90 2.77 0.00	42.27 2.46 0.00	42.00 2.23 -0.06	49.79 2.71 -1.70
LIPA_MISC_IPP 23656	48.57 0.97 -16.60	36.88 0.77 -3.05	29.25 0.73 -1.57	28.46 0.77 0.97	32.96 0.90 -0.94	35.58 1.05 -2.90	43.32 1.49 -0.28	46.78 1.53 0.00	38.53 1.77 0.00	35.58 1.67 -1.35	44.90 1.90 -9.77	73.78 1.08 -54.62	34.24 1.84 -0.02	38.15 2.13 0.13	49.21 2.13 -9.84	54.16 2.46 -11.59	71.89 2.60 -29.91	97.85 2.78 -49.88	69.89 2.73 -18.19	45.52 2.07 -2.36	41.09 1.96 0.00	41.39 1.58 0.00	41.10 1.33 -0.05	48.55 1.65 -1.52
LISF__SOLAR 323691	48.77 1.01 -16.76	36.97 0.80 -3.09	29.32 0.75 -1.63	28.51 0.77 0.92	33.02 0.92 -0.98	35.67 1.09 -2.94	43.36 1.54 -0.29	46.85 1.61 0.00	38.60 1.84 0.00	35.61 1.70 -1.35	45.00 1.94 -9.83	73.93 1.12 -54.73	34.34 1.85 -0.11	38.29 2.14 0.00	49.49 2.16 -10.09	54.39 2.52 -11.77	72.40 2.65 -30.37	98.60 2.89 -50.52	70.03 2.84 -18.22	45.62 2.16 -2.36	41.18 2.05 0.00	41.49 1.68 0.00	41.19 1.42 -0.05	48.66 1.76 -1.52
LITTLE FALLS__HYD 24013	31.80 0.81 0.00	33.78 0.71 0.00	27.70 0.75 0.00	29.48 0.82 0.00	32.06 0.94 0.00	32.59 0.95 0.00	42.65 1.11 0.00	46.36 1.12 0.00	37.50 0.74 0.00	32.98 0.43 0.00	33.59 0.36 0.00	18.30 0.22 0.00	32.83 0.46 0.00	36.74 0.59 0.00	37.73 0.49 0.00	40.61 0.51 0.00	39.85 0.46 0.00	46.09 0.90 0.00	50.56 1.59 0.00	42.51 1.41 0.00	40.41 1.29 0.00	41.08 1.27 0.00	40.84 1.13 0.00	46.47 1.09 0.00

LITTLRIV_115KV_TB1 356100	32.52 1.52 0.00	34.96 1.89 0.00	28.37 1.42 0.00	30.03 1.38 0.00	32.57 1.45 0.00	33.14 1.50 0.00	43.77 2.23 0.00	47.47 2.22 0.00	37.86 1.10 0.00	33.20 0.64 0.00	33.75 0.52 0.00	18.31 0.22 0.00	32.62 0.24 0.00	36.29 0.14 0.00	37.47 0.23 0.00	40.46 0.36 0.00	39.64 0.25 0.00	46.38 1.19 0.00	50.17 1.20 0.00	42.38 1.28 0.00	40.51 1.38 0.00	41.23 1.42 0.00	41.12 1.40 0.00	46.93 1.55 0.00
LI_NEWBRDGE___DRP 323616	40.49 1.14 -8.35	34.66 0.98 -0.62	26.46 0.95 1.44	26.28 1.07 3.45	31.04 1.18 1.27	33.42 1.18 -0.59	43.19 1.60 -0.05	47.03 1.79 0.00	38.74 1.98 0.00	35.85 1.94 -1.35	41.89 2.20 -6.46	68.09 1.27 -48.74	30.08 2.24 4.54	32.11 2.61 6.65	36.31 2.77 3.71	45.30 3.07 -2.13	48.06 3.17 -5.49	64.18 3.25 -15.73	69.14 3.24 -16.93	45.82 2.53 -2.19	41.43 2.30 0.00	41.82 2.00 0.00	41.58 1.81 -0.05	48.92 2.12 -1.41
LOCKPORT_115KV_TB60_63_64 80432	28.79 -2.21 0.00	30.80 -2.27 0.00	24.72 -2.22 0.00	26.65 -2.01 0.00	28.72 -2.41 0.00	29.46 -2.18 0.00	39.08 -2.46 0.00	41.44 -3.81 0.00	32.96 -3.77 0.03	27.00 -3.20 2.35	29.33 -3.48 0.42	14.34 -1.93 1.80	18.61 -3.17 10.60	21.31 -3.66 11.18	22.00 -3.91 11.34	24.13 -4.20 11.77	23.40 -4.31 11.68	27.46 -5.19 12.54	30.30 -5.49 13.18	29.77 -4.50 6.83	32.63 -4.25 2.25	35.36 -4.29 0.17	35.90 -3.82 0.00	42.07 -3.31 0.00
LOCKPORT___CC1 323769	28.76 -2.24 0.00	30.78 -2.29 0.00	24.70 -2.24 0.00	26.64 -2.02 0.00	28.69 -2.43 0.00	29.44 -2.20 0.00	39.05 -2.49 0.00	41.42 -3.83 0.00	32.95 -3.78 0.03	26.83 -3.21 2.52	29.31 -3.47 0.45	14.21 -1.94 1.94	17.85 -3.15 11.38	20.54 -3.61 12.00	21.22 -3.85 12.18	23.33 -4.14 12.63	22.62 -4.23 12.53	26.61 -5.12 13.46	29.38 -5.44 14.16	29.29 -4.48 7.33	32.52 -4.28 2.33	35.33 -4.31 0.17	35.86 -3.86 0.00	42.03 -3.35 0.00
LOCKPORT___CC2 323770	28.76 -2.24 0.00	30.78 -2.29 0.00	24.70 -2.24 0.00	26.64 -2.02 0.00	28.69 -2.43 0.00	29.44 -2.20 0.00	39.05 -2.49 0.00	41.42 -3.83 0.00	32.95 -3.78 0.03	26.83 -3.21 2.52	29.31 -3.47 0.45	14.21 -1.94 1.94	17.85 -3.15 11.38	20.54 -3.61 12.00	21.22 -3.85 12.18	23.33 -4.14 12.63	22.62 -4.23 12.53	26.61 -5.12 13.46	29.38 -5.44 14.16	29.29 -4.48 7.33	32.52 -4.28 2.33	35.33 -4.31 0.17	35.86 -3.86 0.00	42.03 -3.35 0.00
LOCKPORT___CC3 323771	28.76 -2.24 0.00	30.78 -2.29 0.00	24.70 -2.24 0.00	26.64 -2.02 0.00	28.69 -2.43 0.00	29.44 -2.20 0.00	39.05 -2.49 0.00	41.42 -3.83 0.00	32.95 -3.78 0.03	26.83 -3.21 2.52	29.31 -3.47 0.45	14.21 -1.94 1.94	17.85 -3.15 11.38	20.54 -3.61 12.00	21.22 -3.85 12.18	23.33 -4.14 12.63	22.62 -4.23 12.53	26.61 -5.12 13.46	29.38 -5.44 14.16	29.29 -4.48 7.33	32.52 -4.28 2.33	35.33 -4.31 0.17	35.86 -3.86 0.00	42.03 -3.35 0.00
LOCUSVLY_69_KV_BK2 55797	91.53 1.44 -59.08	47.65 1.26 -13.32	41.85 1.15 -13.75	38.39 1.27 -8.46	42.30 1.39 -9.79	45.71 1.42 -12.64	44.68 1.89 -1.25	47.45 2.20 0.00	39.11 2.34 0.00	36.19 2.28 -1.36	63.57 2.52 -27.82	105.79 1.44 -86.28	59.31 2.62 -24.32	73.32 3.06 -34.11	122.81 3.31 -82.25	106.78 3.66 -63.01	205.62 3.75 -162.48	285.77 3.92 -236.66	80.78 3.91 -27.90	47.80 3.09 -3.61	41.92 2.79 0.00	42.31 2.50 0.00	42.21 2.42 -0.08	50.45 2.74 -2.33
LONG_LAKE_PHOENIX 24014	30.15 -0.85 0.00	32.13 -0.93 0.00	26.13 -0.81 0.00	27.84 -0.82 0.00	30.22 -0.91 0.00	30.75 -0.89 0.00	40.44 -1.10 0.00	43.98 -1.27 0.00	35.70 -1.06 0.00	31.59 -0.97 0.00	32.22 -1.01 0.00	17.50 -0.58 0.00	31.39 -0.99 0.00	35.06 -1.09 0.00	36.12 -1.13 0.00	38.88 -1.22 0.00	38.28 -1.11 0.00	43.97 -1.22 0.00	47.74 -1.23 0.00	40.14 -0.96 0.00	38.21 -0.91 0.00	38.83 -0.98 0.00	38.73 -0.99 0.00	44.27 -1.11 0.00
LOVETT___3 23632	31.84 0.84 0.00	33.73 0.66 0.00	27.56 0.62 0.00	29.33 0.67 0.00	31.86 0.74 0.00	32.44 0.80 0.00	42.50 0.96 0.00	46.57 1.32 0.00	38.25 1.49 0.00	32.00 1.53 2.08	26.79 1.71 8.15	-58.50 1.00 77.58	34.24 1.87 0.00	38.39 2.24 0.00	39.72 2.48 0.00	42.90 2.79 0.00	42.22 2.83 0.00	48.10 2.91 0.00	51.97 3.00 0.00	43.46 2.36 0.00	41.22 2.09 0.00	41.69 1.88 0.00	41.51 1.79 0.00	47.27 1.89 0.00
LOVETT___4 23642	31.84 0.84 0.00	33.73 0.66 0.00	27.56 0.62 0.00	29.33 0.67 0.00	31.86 0.74 0.00	32.44 0.80 0.00	42.50 0.96 0.00	46.57 1.32 0.00	38.25 1.49 0.00	32.00 1.53 2.08	26.79 1.71 8.15	-58.50 1.00 77.58	34.24 1.87 0.00	38.39 2.24 0.00	39.72 2.48 0.00	42.90 2.79 0.00	42.22 2.83 0.00	48.10 2.91 0.00	51.97 3.00 0.00	43.46 2.36 0.00	41.22 2.09 0.00	41.69 1.88 0.00	41.51 1.79 0.00	47.27 1.89 0.00
LOVETT___5 23593	31.84 0.84 0.00	33.73 0.66 0.00	27.56 0.62 0.00	29.33 0.67 0.00	31.86 0.74 0.00	32.44 0.80 0.00	42.50 0.96 0.00	46.57 1.32 0.00	38.25 1.49 0.00	32.00 1.53 2.08	26.79 1.71 8.15	-58.50 1.00 77.58	34.24 1.87 0.00	38.39 2.24 0.00	39.72 2.48 0.00	42.90 2.79 0.00	42.22 2.83 0.00	48.10 2.91 0.00	51.97 3.00 0.00	43.46 2.36 0.00	41.22 2.09 0.00	41.69 1.88 0.00	41.51 1.79 0.00	47.27 1.89 0.00
LOWER RAQUET___HYD 24057	32.16 1.16 0.00	34.56 1.50 0.00	28.06 1.12 0.00	29.70 1.04 0.00	32.20 1.07 0.00	32.73 1.08 0.00	43.17 1.64 0.00	46.89 1.64 0.00	37.63 0.87 0.00	33.10 0.55 0.00	33.67 0.44 0.00	18.24 0.16 0.00	32.49 0.11 0.00	36.14 -0.01 0.00	37.27 0.02 0.00	40.16 0.06 0.00	39.33 -0.06 0.00	45.76 0.57 0.00	49.63 0.66 0.00	41.80 0.70 0.00	39.91 0.78 0.00	40.61 0.80 0.00	40.54 0.82 0.00	46.31 0.93 0.00
LOWER___HUDSON 24059	31.88 0.88 0.00	33.88 0.81 0.00	27.80 0.86 0.00	29.54 0.88 0.00	32.14 1.01 0.00	32.62 0.98 0.00	42.58 1.04 0.00	46.64 1.40 0.00	38.06 1.30 0.00	34.01 1.19 -0.26	35.48 1.21 -1.03	28.56 0.69 -9.79	33.51 1.13 0.00	37.35 1.20 0.00	38.50 1.25 0.00	41.47 1.36 0.00	40.92 1.53 0.00	46.86 1.67 0.00	50.79 1.82 0.00	42.49 1.39 0.00	40.51 1.38 0.00	41.21 1.40 0.00	41.04 1.32 0.00	46.79 1.42 0.00
LOWVILLE_115KV_TB2 356335	31.84 0.84 0.00	34.23 1.16 0.00	27.73 0.79 0.00	29.16 0.50 0.00	31.42 0.29 0.00	31.87 0.23 0.00	41.94 0.40 0.00	46.13 0.88 0.00	37.27 0.51 0.00	32.88 0.33 0.00	33.22 -0.01 0.00	17.73 -0.35 0.00	31.28 -1.10 0.00	34.86 -1.29 0.00	36.03 -1.21 0.00	38.77 -1.33 0.00	38.12 -1.27 0.00	44.78 -0.41 0.00	49.56 0.58 0.00	41.76 0.66 0.00	39.55 0.42 0.00	39.84 0.03 0.00	39.67 -0.05 0.00	45.56 0.18 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.43 1.43 0.00	34.49 1.42 0.00	28.21 1.27 0.00	30.00 1.34 0.00	32.64 1.52 0.00	33.16 1.52 0.00	43.43 1.89 0.00	47.46 2.22 0.00	38.62 1.86 0.00	34.41 1.62 -0.24	35.73 1.57 -0.93	27.77 0.84 -8.85	33.82 1.44 0.00	37.66 1.51 0.00	38.77 1.52 0.00	41.76 1.66 0.00	41.28 1.89 0.00	47.37 2.18 0.00	51.50 2.53 0.00	43.14 2.04 0.00	41.10 1.97 0.00	41.80 1.99 0.00	41.65 1.93 0.00	47.64 2.26 0.00

LUTHERNY_35_KV_BK2 355980	32.44 1.45 0.00	34.53 1.46 0.00	28.19 1.25 0.00	29.99 1.33 0.00	32.66 1.53 0.00	33.18 1.54 0.00	43.48 1.94 0.00	47.55 2.30 0.00	38.63 1.87 0.00	34.41 1.62 -0.24	35.77 1.61 -0.93	27.75 0.83 -8.85	33.84 1.46 0.00	37.68 1.53 0.00	38.80 1.55 0.00	41.76 1.66 0.00	41.32 1.93 0.00	47.43 2.24 0.00	51.57 2.59 0.00	43.17 2.07 0.00	41.11 1.98 0.00	41.85 2.04 0.00	41.69 1.97 0.00	47.68 2.30 0.00
LWR___OSWEGATCHIE_HYD 23850	32.01 1.02 0.00	34.39 1.32 0.00	27.88 0.93 0.00	29.42 0.76 0.00	31.80 0.68 0.00	32.31 0.67 0.00	42.58 1.04 0.00	46.52 1.28 0.00	37.42 0.66 0.00	32.96 0.41 0.00	33.42 0.19 0.00	17.95 -0.12 0.00	31.82 -0.56 0.00	35.41 -0.74 0.00	36.59 -0.65 0.00	39.39 -0.71 0.00	38.67 -0.73 0.00	45.21 0.01 0.00	49.57 0.60 0.00	41.78 0.68 0.00	39.75 0.62 0.00	40.27 0.46 0.00	40.15 0.43 0.00	45.94 0.56 0.00
LYONS_FALL_HYD 23570	31.74 0.74 0.00	34.01 0.94 0.00	27.60 0.65 0.00	29.14 0.49 0.00	31.49 0.37 0.00	31.99 0.35 0.00	42.09 0.56 0.00	46.10 0.86 0.00	37.29 0.53 0.00	32.91 0.35 0.00	33.36 0.13 0.00	17.93 -0.15 0.00	31.81 -0.57 0.00	35.54 -0.61 0.00	36.69 -0.55 0.00	39.47 -0.63 0.00	38.85 -0.53 0.00	45.27 0.08 0.00	49.83 0.86 0.00	41.92 0.82 0.00	39.74 0.61 0.00	40.17 0.35 0.00	40.01 0.29 0.00	45.84 0.46 0.00
MADISON___COUNTY_LFGE 323628	31.54 0.54 0.00	33.65 0.58 0.00	27.34 0.39 0.00	29.08 0.42 0.00	31.54 0.41 0.00	32.10 0.46 0.00	42.26 0.72 0.00	45.94 0.69 0.00	37.15 0.39 0.00	32.77 0.22 0.00	33.37 0.14 0.00	18.08 0.00 0.00	32.38 0.00 0.00	36.27 0.13 0.00	37.36 0.12 0.00	40.19 0.09 0.00	39.64 0.24 0.00	45.69 0.50 0.00	50.02 1.05 0.00	42.06 0.96 0.00	39.98 0.85 0.00	40.54 0.72 0.00	40.40 0.68 0.00	46.18 0.80 0.00
MALONE___115KV_TB1 356076	32.21 1.22 0.00	34.61 1.54 0.00	28.22 1.28 0.00	29.94 1.28 0.00	32.47 1.34 0.00	32.96 1.31 0.00	43.34 1.80 0.00	47.07 1.83 0.00	37.91 1.15 0.00	33.45 0.89 0.00	33.91 0.68 0.00	18.28 0.20 0.00	32.59 0.21 0.00	36.16 0.02 0.00	37.19 -0.05 0.00	39.97 -0.13 0.00	39.07 -0.32 0.00	45.41 0.22 0.00	49.49 0.52 0.00	41.45 0.35 0.00	39.50 0.37 0.00	40.01 0.20 0.00	40.12 0.41 0.00	45.74 0.36 0.00
MAPLEWOD_115KV_TB3 80458	31.59 0.59 0.00	33.54 0.47 0.00	27.57 0.62 0.00	29.26 0.60 0.00	31.79 0.67 0.00	32.28 0.64 0.00	42.15 0.61 0.00	46.14 0.89 0.00	37.73 0.97 0.00	33.72 0.91 -0.26	35.15 0.92 -1.00	28.11 0.56 -9.47	33.29 0.91 0.00	37.13 0.98 0.00	38.31 1.07 0.00	41.30 1.20 0.00	40.72 1.34 0.00	46.65 1.46 0.00	50.52 1.55 0.00	42.26 1.16 0.00	40.27 1.14 0.00	40.89 1.08 0.00	40.72 1.00 0.00	46.45 1.07 0.00
MAPLE_RIDGE_WT_1 323574	30.99 -0.01 0.00	33.09 0.02 0.00	26.94 0.00 0.00	28.59 -0.07 0.00	31.00 -0.13 0.00	31.44 -0.20 0.00	41.34 -0.20 0.00	45.11 -0.14 0.00	36.63 -0.13 0.00	32.42 -0.13 0.00	33.02 -0.21 0.00	17.88 -0.20 0.00	31.90 -0.48 0.00	35.55 -0.60 0.00	36.57 -0.68 0.00	39.35 -0.75 0.00	38.67 -0.72 0.00	44.62 -0.57 0.00	48.53 -0.44 0.00	40.69 -0.41 0.00	38.61 -0.52 0.00	39.14 -0.68 0.00	39.02 -0.70 0.00	44.82 -0.56 0.00
MAPLE_RIDGE_WT_2 323611	30.99 -0.01 0.00	33.09 0.02 0.00	26.94 0.00 0.00	28.59 -0.07 0.00	31.00 -0.13 0.00	31.44 -0.20 0.00	41.34 -0.20 0.00	45.11 -0.14 0.00	36.63 -0.13 0.00	32.42 -0.13 0.00	33.02 -0.21 0.00	17.88 -0.20 0.00	31.90 -0.48 0.00	35.55 -0.60 0.00	36.57 -0.68 0.00	39.35 -0.75 0.00	38.67 -0.72 0.00	44.62 -0.57 0.00	48.53 -0.44 0.00	40.69 -0.41 0.00	38.61 -0.52 0.00	39.14 -0.68 0.00	39.02 -0.70 0.00	44.82 -0.56 0.00
MARBLE_RIVER_WT_PWR 323696	31.82 0.82 0.00	34.19 1.13 0.00	28.19 1.24 0.00	29.97 1.31 0.00	32.51 1.39 0.00	32.93 1.29 0.00	42.99 1.45 0.00	46.62 1.37 0.00	37.75 0.99 0.00	33.49 0.94 0.00	33.93 0.70 0.00	18.15 0.07 0.00	32.30 -0.08 0.00	35.76 -0.39 0.00	36.61 -0.64 0.00	39.15 -0.96 0.00	37.98 -1.41 0.00	44.37 -0.82 0.00	48.69 -0.28 0.00	40.27 -0.83 0.00	38.31 -0.82 0.00	38.46 -1.35 0.00	38.87 -0.85 0.00	44.29 -1.10 0.00
MARSHVLE_115KV_TB1 80742	32.03 1.03 0.00	34.15 1.09 0.00	27.69 0.75 0.00	29.47 0.82 0.00	32.03 0.90 0.00	32.64 1.00 0.00	43.06 1.52 0.00	46.58 1.34 0.00	37.11 0.35 0.00	32.74 0.03 -0.15	33.76 -0.07 -0.60	23.74 -0.05 -5.71	32.38 0.00 0.00	36.39 0.24 0.00	37.27 0.03 0.00	40.04 -0.06 0.00	39.28 -0.12 0.00	45.49 0.30 0.00	50.05 1.08 0.00	42.42 1.32 0.00	40.33 1.20 0.00	40.96 1.14 0.00	40.84 1.12 0.00	46.67 1.29 0.00
MARSH_HILL_WT_PWR 323713	29.98 -1.02 0.00	32.14 -0.93 0.00	25.75 -1.19 0.00	27.64 -1.02 0.00	29.82 -1.30 0.00	30.38 -1.26 0.00	39.74 -1.80 0.00	41.77 -3.47 0.00	33.33 -3.36 0.07	38.76 -2.91 -9.12	31.69 -3.21 -1.66	23.23 -1.96 -7.11	70.58 -3.61 -41.81	76.08 -4.16 -44.09	77.70 -4.28 -44.73	82.31 -4.38 -46.59	81.48 -4.14 -46.24	90.29 -4.62 -49.71	96.95 -4.40 -52.38	64.68 -3.60 -27.18	34.07 -3.44 1.62	36.37 -3.56 -0.12	37.21 -2.51 0.00	43.61 -1.77 0.00
MCINTYRE_115KV_TB2 80467	32.64 1.64 0.00	35.07 2.01 0.00	28.46 1.52 0.00	30.13 1.48 0.00	32.69 1.57 0.00	33.27 1.63 0.00	43.98 2.44 0.00	47.65 2.41 0.00	37.89 1.13 0.00	33.21 0.66 0.00	33.79 0.56 0.00	18.35 0.27 0.00	32.72 0.35 0.00	36.41 0.27 0.00	37.60 0.35 0.00	40.58 0.48 0.00	39.82 0.43 0.00	46.60 1.40 0.00	50.28 1.31 0.00	42.55 1.45 0.00	40.72 1.59 0.00	41.48 1.67 0.00	41.36 1.64 0.00	47.20 1.81 0.00
MECO_____69_KV_BK1 80468	32.46 1.46 0.00	34.55 1.48 0.00	28.11 1.16 0.00	29.89 1.23 0.00	32.50 1.37 0.00	33.10 1.46 0.00	43.62 2.08 0.00	47.34 2.09 0.00	37.76 1.00 0.00	33.05 0.31 -0.18	34.04 0.10 -0.70	24.78 0.07 -6.63	32.64 0.26 0.00	36.77 0.62 0.00	37.48 0.24 0.00	40.47 0.36 0.00	39.87 0.48 0.00	46.26 1.08 0.00	51.08 2.11 0.00	43.34 2.24 0.00	41.24 2.11 0.00	41.81 2.00 0.00	41.66 1.94 0.00	47.56 2.18 0.00
MENANDS___115KV_TB5 355628	31.38 0.38 0.00	33.30 0.24 0.00	27.41 0.46 0.00	29.09 0.43 0.00	31.60 0.48 0.00	32.07 0.43 0.00	41.85 0.31 0.00	45.82 0.58 0.00	37.51 0.75 0.00	33.55 0.74 -0.26	34.99 0.75 -1.00	28.08 0.49 -9.51	33.13 0.75 0.00	36.95 0.80 0.00	38.14 0.89 0.00	41.09 0.98 0.00	40.51 1.12 0.00	46.36 1.17 0.00	50.16 1.19 0.00	41.93 0.83 0.00	39.92 0.79 0.00	40.57 0.76 0.00	40.44 0.72 0.00	46.13 0.75 0.00
MG INDUSTRY___DRP 24185	31.49 0.49 0.00	33.48 0.41 0.00	27.46 0.52 0.00	29.21 0.55 0.00	31.75 0.63 0.00	32.22 0.58 0.00	42.11 0.57 0.00	45.97 0.73 0.00	37.53 0.77 0.00	33.45 0.69 -0.21	34.72 0.68 -0.81	26.19 0.41 -7.70	32.96 0.59 0.00	36.75 0.60 0.00	37.91 0.67 0.00	40.85 0.75 0.00	40.26 0.87 0.00	46.18 0.99 0.00	50.07 1.10 0.00	41.96 0.87 0.00	39.92 0.79 0.00	40.58 0.77 0.00	40.50 0.78 0.00	46.27 0.89 0.00

MID___OSWEGATCHIE_HYD 23849	32.01 1.02 0.00	34.39 1.32 0.00	27.88 0.93 0.00	29.42 0.76 0.00	31.80 0.68 0.00	32.31 0.67 0.00	42.58 1.04 0.00	46.52 1.28 0.00	37.42 0.66 0.00	32.96 0.41 0.00	33.42 0.19 0.00	17.95 -0.12 0.00	31.82 -0.56 0.00	35.41 -0.74 0.00	36.59 -0.65 0.00	39.39 -0.71 0.00	38.67 -0.73 0.00	45.21 0.01 0.00	49.57 0.60 0.00	41.78 0.68 0.00	39.75 0.62 0.00	40.27 0.46 0.00	40.15 0.43 0.00	45.94 0.56 0.00
MID___RAQUETTE_HYD 23851	32.16 1.17 0.00	34.56 1.49 0.00	28.06 1.12 0.00	29.70 1.04 0.00	32.20 1.07 0.00	32.73 1.08 0.00	43.17 1.64 0.00	46.89 1.64 0.00	37.63 0.87 0.00	33.11 0.56 0.00	33.67 0.45 0.00	18.23 0.15 0.00	32.49 0.11 0.00	36.14 0.00 0.00	37.27 0.02 0.00	40.16 0.06 0.00	39.34 -0.05 0.00	45.76 0.57 0.00	49.63 0.66 0.00	41.80 0.70 0.00	39.90 0.77 0.00	40.62 0.80 0.00	40.54 0.82 0.00	46.31 0.93 0.00
MILLIKEN___1 23584	31.00 0.00 0.00	33.07 0.01 0.00	26.83 -0.12 0.00	28.59 -0.06 0.00	31.01 -0.11 0.00	31.62 -0.02 0.00	41.69 0.15 0.00	45.21 -0.03 0.00	36.61 -0.24 -0.09	32.92 -0.39 -0.76	32.86 -0.49 -0.12	18.24 -0.35 -0.50	34.86 -0.46 -2.94	38.83 -0.41 -3.10	39.73 -0.66 -3.14	42.68 -0.69 -3.27	42.17 -0.46 -3.24	48.53 -0.16 -3.49	52.81 0.13 -3.72	43.27 0.22 -1.95	44.81 0.17 -5.52	40.15 0.04 -0.30	39.70 -0.02 0.00	45.40 0.02 0.00
MILLIKEN___2 23585	31.00 0.00 0.00	33.07 0.01 0.00	26.83 -0.12 0.00	28.59 -0.06 0.00	31.01 -0.11 0.00	31.62 -0.02 0.00	41.69 0.15 0.00	45.21 -0.03 0.00	36.61 -0.24 -0.09	32.92 -0.39 -0.76	32.86 -0.49 -0.12	18.24 -0.35 -0.50	34.86 -0.46 -2.94	38.83 -0.41 -3.10	39.73 -0.66 -3.14	42.68 -0.69 -3.27	42.17 -0.46 -3.24	48.53 -0.16 -3.49	52.81 0.13 -3.72	43.27 0.22 -1.95	44.81 0.17 -5.52	40.15 0.04 -0.30	39.70 -0.02 0.00	45.40 0.02 0.00
MILLIKEN___DIESEL 23629	31.00 0.00 0.00	33.07 0.01 0.00	26.83 -0.12 0.00	28.59 -0.06 0.00	31.01 -0.11 0.00	31.62 -0.02 0.00	41.69 0.15 0.00	45.21 -0.03 0.00	36.61 -0.24 -0.09	32.92 -0.39 -0.76	32.86 -0.49 -0.12	18.24 -0.35 -0.50	34.86 -0.46 -2.94	38.83 -0.41 -3.10	39.73 -0.66 -3.14	42.68 -0.69 -3.27	42.17 -0.46 -3.24	48.53 -0.16 -3.49	52.81 0.13 -3.72	43.27 0.22 -1.95	44.81 0.17 -5.52	40.15 0.04 -0.30	39.70 -0.02 0.00	45.40 0.02 0.00
MILLSEAT___LFGE 323607	29.52 -1.48 0.00	31.55 -1.52 0.00	25.35 -1.60 0.00	27.28 -1.38 0.00	29.43 -1.70 0.00	30.21 -1.43 0.00	40.12 -1.42 0.00	42.76 -2.49 0.00	34.04 -2.70 0.02	28.27 -2.42 1.86	30.14 -2.76 0.33	15.11 -1.54 1.43	21.55 -2.45 8.38	24.50 -2.82 8.83	25.29 -3.00 8.96	27.64 -3.17 9.29	27.04 -3.13 9.22	31.56 -3.73 9.90	34.84 -3.72 10.41	32.76 -2.96 5.38	34.34 -2.82 1.96	36.77 -2.90 0.14	37.13 -2.59 0.00	43.26 -2.12 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.93 0.94 0.00	33.82 0.75 0.00	27.64 0.70 0.00	29.42 0.76 0.00	31.96 0.84 0.00	32.54 0.90 0.00	42.65 1.12 0.00	46.73 1.49 0.00	38.40 1.64 0.00	35.66 1.67 -1.43	40.69 1.85 -5.61	72.58 1.08 -53.43	34.37 1.99 0.00	38.50 2.35 0.00	39.82 2.58 0.00	42.99 2.88 0.00	42.33 2.94 0.00	48.25 3.06 0.00	52.13 3.15 0.00	43.58 2.48 0.00	41.35 2.22 0.00	41.81 2.00 0.00	41.64 1.92 0.00	47.39 2.01 0.00
MILLWOOD_13_KV_LOAD 356217	31.98 0.98 0.00	33.87 0.80 0.00	27.69 0.74 0.00	29.46 0.80 0.00	32.00 0.88 0.00	32.59 0.95 0.00	42.71 1.17 0.00	46.80 1.55 0.00	38.46 1.70 0.00	35.70 1.71 -1.43	40.75 1.91 -5.61	72.61 1.10 -53.43	34.42 2.04 0.00	38.55 2.40 0.00	39.89 2.64 0.00	43.06 2.95 0.00	42.41 3.02 0.00	48.34 3.15 0.00	52.23 3.26 0.00	43.66 2.57 0.00	41.43 2.30 0.00	41.89 2.08 0.00	41.72 2.00 0.00	47.48 2.10 0.00
MODEL_CITY_ENERGY 24167	28.53 -2.47 0.00	30.52 -2.55 0.00	24.50 -2.44 0.00	26.42 -2.23 0.00	28.46 -2.66 0.00	29.21 -2.43 0.00	38.72 -2.82 0.00	41.00 -4.25 0.00	32.59 -4.15 0.03	26.59 -3.48 2.48	29.02 -3.77 0.45	14.11 -2.06 1.91	17.84 -3.32 11.22	20.48 -3.84 11.83	21.16 -4.09 12.00	23.24 -4.41 12.46	22.47 -4.56 12.36	26.37 -5.55 13.27	29.05 -5.96 13.96	28.94 -4.93 7.23	32.07 -4.71 2.35	34.91 -4.73 0.18	35.47 -4.24 0.00	41.64 -3.74 0.00
MODERN_LFGE___ 323580	28.53 -2.47 0.00	30.52 -2.55 0.00	24.50 -2.44 0.00	26.42 -2.23 0.00	28.46 -2.66 0.00	29.21 -2.43 0.00	38.72 -2.82 0.00	41.00 -4.25 0.00	32.59 -4.15 0.03	26.59 -3.48 2.48	29.02 -3.77 0.45	14.11 -2.06 1.91	17.84 -3.32 11.22	20.48 -3.84 11.83	21.16 -4.09 12.00	23.24 -4.41 12.46	22.47 -4.56 12.36	26.37 -5.55 13.27	29.05 -5.96 13.96	28.94 -4.93 7.23	32.07 -4.71 2.35	34.91 -4.73 0.18	35.47 -4.24 0.00	41.64 -3.74 0.00
MOHAWK_PAPER___DRP 24187	31.59 0.59 0.00	33.54 0.47 0.00	27.57 0.62 0.00	29.26 0.60 0.00	31.79 0.67 0.00	32.28 0.64 0.00	42.15 0.61 0.00	46.14 0.89 0.00	37.73 0.97 0.00	33.72 0.91 -0.26	35.15 0.92 -1.00	28.11 0.56 -9.47	33.29 0.91 0.00	37.13 0.98 0.00	38.31 1.07 0.00	41.30 1.20 0.00	40.72 1.34 0.00	46.65 1.46 0.00	50.52 1.55 0.00	42.26 1.16 0.00	40.27 1.14 0.00	40.89 1.08 0.00	40.72 1.00 0.00	46.45 1.07 0.00
MOHICAN___35_KV_115KV_LD 80490	33.03 2.04 0.00	35.07 2.00 0.00	28.72 1.77 0.00	30.57 1.91 0.00	33.25 2.13 0.00	33.78 2.14 0.00	44.23 2.69 0.00	48.41 3.16 0.00	39.38 2.62 0.00	35.07 2.28 -0.24	36.29 2.13 -0.93	27.97 1.10 -8.79	34.24 1.86 0.00	37.96 1.81 0.00	38.97 1.72 0.00	41.91 1.80 0.00	41.48 2.09 0.00	47.63 2.43 0.00	51.96 2.99 0.00	43.52 2.42 0.00	41.58 2.45 0.00	42.32 2.51 0.00	42.19 2.48 0.00	48.45 3.07 0.00
MONGAUP___HYD 23641	31.93 0.93 0.00	33.87 0.80 0.00	27.64 0.69 0.00	29.42 0.77 0.00	31.96 0.83 0.00	32.54 0.89 0.00	42.69 1.15 0.00	46.68 1.44 0.00	38.18 1.42 0.00	32.45 1.33 1.44	28.74 1.13 5.62	-34.55 0.61 53.24	33.60 1.23 0.00	37.65 1.50 0.00	39.07 1.82 0.00	42.21 2.11 0.00	41.48 2.09 0.00	47.57 2.38 0.00	51.71 2.74 0.00	43.40 2.29 0.00	41.22 2.09 0.00	41.72 1.91 0.00	41.71 1.98 0.00	47.32 1.93 0.00
MONTAUK___DIESEL 23721	48.77 1.12 -16.65	37.05 0.93 -3.06	29.11 0.57 -1.59	28.08 0.38 0.95	32.91 0.84 -0.95	36.20 1.65 -2.91	44.03 2.20 -0.29	46.52 1.27 0.00	38.21 1.45 0.00	35.42 1.51 -1.35	44.73 1.71 -9.79	73.77 1.04 -54.65	34.44 2.01 -0.05	38.31 2.25 0.08	48.81 1.65 -9.92	53.67 1.91 -11.65	71.59 2.14 -30.05	98.20 2.93 -50.08	70.00 2.83 -18.20	45.48 2.02 -2.36	40.90 1.78 0.00	41.12 1.31 0.00	40.78 1.02 -0.05	48.03 1.12 -1.52
MOONROAD_115KV_HARTFLD_TB1-2 355988	29.38 -1.62 0.00	31.42 -1.65 0.00	24.96 -1.98 0.00	26.85 -1.81 0.00	28.98 -2.14 0.00	29.60 -2.04 0.00	39.15 -2.39 0.00	41.48 -3.76 0.00	33.13 -3.60 0.04	27.65 -2.74 2.16	29.68 -3.16 0.38	14.21 -2.23 1.65	19.32 -3.39 9.67	22.47 -3.48 10.20	23.37 -3.53 10.35	24.84 -3.92 11.34	23.87 -4.16 11.36	27.47 -4.92 12.80	30.83 -4.68 13.46	30.54 -3.59 6.97	32.90 -3.44 2.79	36.21 -3.41 0.20	36.56 -3.16 0.00	43.23 -2.15 0.00

MORRIS_RIDGE___SOLAR 323848	29.53 -1.47 0.00	31.65 -1.41 0.00	25.38 -1.57 0.00	27.30 -1.36 0.00	29.43 -1.70 0.00	30.07 -1.57 0.00	39.68 -1.85 0.00	42.16 -3.09 0.00	33.50 -3.21 0.05	15.84 -3.03 13.68	27.57 -3.19 2.47	5.60 -1.88 10.60	-33.10 -3.18 62.30	-33.10 -3.56 65.69	-33.10 -3.69 66.65	-33.10 -3.84 69.36	-33.10 -3.64 68.85	-33.10 -4.18 74.11	-33.10 -4.14 77.93	-2.57 -3.32 40.34	29.12 -3.19 6.82	35.99 -3.17 0.65	37.03 -2.68 0.00	43.16 -2.22 0.00
MORTIMER_115KV_TB3 55949	29.97 -1.03 0.00	31.98 -1.08 0.00	25.85 -1.09 0.00	27.67 -0.98 0.00	29.95 -1.17 0.00	30.62 -1.02 0.00	40.50 -1.04 0.00	43.65 -1.60 0.00	35.14 -1.60 0.02	31.13 -1.41 0.02	31.74 -1.50 0.00	17.22 -0.86 0.00	30.94 -1.44 0.00	34.51 -1.63 0.00	35.52 -1.72 0.00	38.31 -1.79 0.00	37.73 -1.66 0.00	43.26 -1.93 0.00	47.04 -1.93 0.00	39.57 -1.53 0.00	36.70 -1.47 0.96	38.19 -1.57 0.05	38.24 -1.48 0.00	44.03 -1.35 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	32.09 1.10 0.00	33.95 0.88 0.00	27.75 0.80 0.00	29.52 0.86 0.00	32.07 0.95 0.00	32.69 1.04 0.00	42.86 1.32 0.00	46.97 1.73 0.00	38.67 1.91 0.00	35.85 1.94 -1.36	40.70 2.13 -5.34	70.15 1.26 -50.81	34.70 2.32 0.00	38.86 2.71 0.00	40.21 2.96 0.00	43.38 3.27 0.00	42.72 3.33 0.00	48.65 3.46 0.00	52.52 3.56 0.00	43.92 2.82 0.00	41.66 2.54 0.00	42.12 2.31 0.00	41.96 2.24 0.00	47.70 2.32 0.00
MUNSVILLE_WIND_PWR 323609	32.50 1.50 0.00	34.71 1.64 0.00	28.10 1.15 0.00	30.02 1.36 0.00	32.47 1.35 0.00	33.15 1.51 0.00	43.92 2.38 0.00	47.39 2.14 0.00	38.07 1.27 -0.04	33.85 0.81 -0.49	33.91 0.60 -0.08	18.52 0.10 -0.34	34.52 0.16 -1.98	38.48 0.24 -2.08	38.98 -0.38 -2.11	41.81 -0.49 -2.19	41.57 0.00 -2.17	47.97 0.44 -2.34	52.74 1.29 -2.47	43.82 1.43 -1.29	43.02 1.10 -2.79	40.64 0.68 -0.15	40.33 0.61 0.00	46.08 0.70 0.00
N SALMON___HYD 24042	32.21 1.22 0.00	34.61 1.54 0.00	28.22 1.28 0.00	29.94 1.28 0.00	32.47 1.34 0.00	32.96 1.31 0.00	43.34 1.80 0.00	47.07 1.83 0.00	37.91 1.15 0.00	33.44 0.89 0.00	33.91 0.68 0.00	18.29 0.21 0.00	32.58 0.20 0.00	36.16 0.01 0.00	37.19 -0.05 0.00	39.97 -0.13 0.00	39.07 -0.32 0.00	45.41 0.22 0.00	49.49 0.52 0.00	41.45 0.35 0.00	39.50 0.38 0.00	40.01 0.20 0.00	40.13 0.41 0.00	45.74 0.36 0.00
N.AKRON___115KV_KNAPP 355671	29.44 -1.55 0.00	31.47 -1.60 0.00	25.28 -1.66 0.00	27.22 -1.44 0.00	29.36 -1.77 0.00	30.13 -1.52 0.00	40.01 -1.53 0.00	42.60 -2.65 0.00	33.92 -2.81 0.02	28.04 -2.50 2.01	30.06 -2.82 0.36	14.95 -1.58 1.54	20.75 -2.56 9.07	23.62 -2.97 9.56	24.38 -3.16 9.70	26.69 -3.35 10.07	26.04 -3.36 9.99	30.48 -3.99 10.72	33.67 -4.03 11.27	32.06 -3.20 5.83	34.06 -3.02 2.05	36.58 -3.09 0.15	36.99 -2.73 0.00	43.14 -2.25 0.00
N.E_GEN_SANDY PD 24062	31.69 0.69 0.00	33.62 0.55 0.00	27.63 0.69 0.00	29.23 0.73 0.16	31.96 0.84 0.00	32.42 0.78 0.00	42.29 0.75 0.00	50.31 1.18 -3.88	38.04 1.28 0.00	34.38 1.26 -0.57	37.00 1.38 -2.39	39.92 0.80 -21.04	33.65 1.36 0.09	37.66 1.51 0.00	38.87 1.62 0.00	41.90 1.80 0.00	41.35 1.96 0.00	48.41 2.05 -1.17	51.64 2.09 -0.58	42.62 1.53 0.00	40.59 1.46 0.00	42.32 1.42 -1.08	41.25 1.34 -0.20	48.07 1.29 -1.40
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.88 0.88 0.00	33.78 0.71 0.00	27.59 0.65 0.00	29.37 0.71 0.00	31.90 0.77 0.00	32.47 0.83 0.00	42.57 1.03 0.00	46.63 1.39 0.00	38.30 1.54 0.00	32.13 1.59 2.01	27.15 1.78 7.86	-55.70 1.04 74.81	34.33 1.95 0.00	38.51 2.37 0.00	39.86 2.62 0.00	43.06 2.96 0.00	42.36 2.97 0.00	48.29 3.10 0.00	52.16 3.19 0.00	43.57 2.47 0.00	41.34 2.21 0.00	41.79 1.98 0.00	41.61 1.90 0.00	47.35 1.97 0.00
N.QUEENS_27_KV_LOAD 356247	32.01 1.01 0.00	33.98 0.92 0.00	27.80 0.85 0.00	29.55 0.90 0.00	32.11 0.98 0.00	32.79 1.15 0.00	42.91 1.38 0.00	47.06 1.81 0.00	38.79 2.03 0.00	35.99 2.07 -1.37	40.75 2.18 -5.35	70.30 1.37 -50.85	34.85 2.47 0.00	39.08 2.93 0.00	40.47 3.23 0.00	43.61 3.50 0.00	42.99 3.60 0.00	48.84 3.65 0.00	52.74 3.77 0.00	44.13 3.03 0.00	41.84 2.71 0.00	42.29 2.47 0.00	42.22 2.50 0.00	47.80 2.42 0.00
N.TROY___115KV_TB1 355778	31.88 0.88 0.00	33.88 0.81 0.00	27.80 0.86 0.00	29.54 0.88 0.00	32.13 1.01 0.00	32.62 0.98 0.00	42.58 1.04 0.00	46.64 1.40 0.00	38.06 1.30 0.00	34.01 1.19 -0.26	35.48 1.21 -1.03	28.56 0.69 -9.79	33.51 1.13 0.00	37.35 1.20 0.00	38.50 1.25 0.00	41.47 1.36 0.00	40.92 1.53 0.00	46.87 1.67 0.00	50.79 1.82 0.00	42.49 1.39 0.00	40.51 1.38 0.00	41.21 1.40 0.00	41.04 1.33 0.00	46.80 1.41 0.00
NARROWS_GT1_1 24228	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
NARROWS_GT1_2 24229	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
NARROWS_GT1_3 24230	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
NARROWS_GT1_4 24231	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
NARROWS_GT1_5 24232	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00

NARROWS_GT1_6 24233	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
NARROWS_GT1_7 24234	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
NARROWS_GT1_8 24235	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
NARROWS_GT2_1 24236	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
NARROWS_GT2_2 24237	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
NARROWS_GT2_3 24238	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
NARROWS_GT2_4 24239	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
NARROWS_GT2_5 24240	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
NARROWS_GT2_6 24241	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
NARROWS_GT2_7 24242	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
NARROWS_GT2_8 24243	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.92 0.00	32.14 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.29 1.36 -50.85	34.84 2.46 0.00	39.00 2.86 0.00	40.36 3.12 0.00	43.51 3.40 0.00	42.86 3.47 0.00	48.70 3.51 0.00	52.59 3.62 0.00	43.99 2.89 0.00	41.79 2.66 0.00	42.31 2.50 0.00	42.18 2.46 0.00	47.71 2.33 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	31.84 0.85 0.00	33.80 0.74 0.00	27.77 0.83 0.00	29.51 0.85 0.00	32.06 0.94 0.00	32.57 0.93 0.00	42.63 1.09 0.00	46.68 1.44 0.00	38.08 1.33 0.00	33.78 1.10 -0.13	34.64 0.92 -0.50	23.48 0.56 -4.84	33.12 0.75 0.00	36.89 0.74 0.00	38.06 0.82 0.00	41.09 0.99 0.00	40.57 1.18 0.00	46.72 1.52 0.00	50.85 1.88 0.00	42.66 1.56 0.00	40.62 1.49 0.00	41.29 1.48 0.00	41.13 1.41 0.00	46.92 1.54 0.00
NCHELSEA_115KV_TR2 355582	32.17 1.17 0.00	34.08 1.01 0.00	27.86 0.92 0.00	29.66 1.00 0.00	32.23 1.11 0.00	32.80 1.15 0.00	43.00 1.46 0.00	47.12 1.87 0.00	38.68 1.92 0.00	34.71 1.90 -0.26	36.33 2.06 -1.03	25.92 1.13 -6.71	34.45 2.07 0.00	38.57 2.42 0.00	39.93 2.68 0.00	43.12 3.01 0.00	42.49 3.10 0.00	48.51 3.32 0.00	52.42 3.45 0.00	43.82 2.73 0.00	41.58 2.45 0.00	42.06 2.24 0.00	41.86 2.14 0.00	47.63 2.24 0.00
NEG CAPITAL___MECHNVIL 23645	32.43 1.43 0.00	34.49 1.42 0.00	28.24 1.29 0.00	30.00 1.35 0.00	32.64 1.52 0.00	33.16 1.52 0.00	43.41 1.87 0.00	47.48 2.24 0.00	38.65 1.89 0.00	34.46 1.66 -0.25	35.82 1.62 -0.97	28.12 0.88 -9.16	33.89 1.52 0.00	37.77 1.62 0.00	38.90 1.66 0.00	41.92 1.81 0.00	41.43 2.04 0.00	47.55 2.36 0.00	51.65 2.68 0.00	43.23 2.14 0.00	41.18 2.06 0.00	41.89 2.08 0.00	41.73 2.01 0.00	47.66 2.28 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.57 -1.43 0.00	31.55 -1.52 0.00	25.53 -1.42 0.00	27.30 -1.35 0.00	29.58 -1.55 0.00	30.23 -1.42 0.00	39.95 -1.59 0.00	43.14 -2.10 0.00	34.79 -1.96 0.01	30.79 -1.75 0.01	31.37 -1.86 0.00	17.02 -1.05 0.00	30.61 -1.77 0.00	34.15 -2.00 0.00	35.14 -2.11 0.00	37.91 -2.20 0.00	37.38 -2.01 0.00	42.96 -2.23 0.00	46.69 -2.28 0.00	39.21 -1.88 0.00	36.61 -1.83 0.69	37.82 -1.95 0.04	37.81 -1.91 0.00	43.42 -1.96 0.00



NEG CENTRAL___DRP 24199	30.47 -0.53 0.00	32.52 -0.55 0.00	26.32 -0.62 0.00	28.11 -0.55 0.00	30.48 -0.65 0.00	31.09 -0.55 0.00	41.00 -0.54 0.00	44.34 -0.91 0.00	35.80 -0.94 0.02	32.46 -0.96 -0.87	32.31 -1.08 -0.16	18.11 -0.65 -0.68	35.34 -1.05 -4.01	39.21 -1.16 -4.23	40.22 -1.31 -4.29	43.21 -1.37 -4.47	42.64 -1.20 -4.44	48.92 -1.06 -4.79	53.12 -0.93 -5.07	43.03 -0.72 -2.65	37.54 -0.71 0.88	38.97 -0.81 0.03	38.97 -0.75 0.00	44.61 -0.78 0.00
NEG CENTRAL___INDECK 23768	30.75 -0.24 0.00	32.85 -0.21 0.00	26.43 -0.51 0.00	28.36 -0.30 0.00	30.65 -0.48 0.00	31.39 -0.25 0.00	41.55 0.01 0.00	44.48 -0.77 0.00	35.48 -1.24 0.04	40.65 -1.35 -9.46	33.29 -1.66 -1.72	24.46 -0.98 -7.36	74.06 -1.60 -43.28	79.88 -1.90 -45.64	81.51 -2.04 -46.30	86.30 -2.06 -48.25	85.69 -1.60 -47.91	94.95 -1.82 -51.58	101.75 -1.53 -54.30	68.41 -0.85 -28.16	38.58 -0.76 -0.21	39.15 -0.89 -0.22	39.07 -0.65 0.00	45.19 -0.19 0.00
NEG CENTRAL___SENECA 23627	30.43 -0.57 0.00	32.50 -0.56 0.00	26.24 -0.70 0.00	28.10 -0.56 0.00	30.44 -0.68 0.00	31.05 -0.59 0.00	40.99 -0.55 0.00	44.18 -1.06 0.00	35.62 -1.10 0.04	32.82 -1.12 -1.39	32.21 -1.28 -0.26	18.39 -0.77 -1.09	37.51 -1.26 -6.39	41.45 -1.45 -6.74	42.49 -1.60 -6.84	45.60 -1.64 -7.13	45.03 -1.44 -7.08	51.53 -1.30 -7.64	55.91 -1.14 -8.08	44.41 -0.91 -4.23	36.51 -0.89 1.73	38.74 -1.01 0.06	38.86 -0.86 0.00	44.52 -0.86 0.00
NEG CENTRAL___STATE_STREET 24147	30.71 -0.28 0.00	32.77 -0.29 0.00	26.60 -0.34 0.00	28.28 -0.38 0.00	30.67 -0.45 0.00	31.34 -0.30 0.00	41.31 -0.23 0.00	44.80 -0.44 0.00	36.24 -0.53 -0.01	32.00 -0.57 -0.01	32.59 -0.64 0.00	17.68 -0.40 0.00	31.79 -0.59 0.00	35.53 -0.62 0.00	36.40 -0.85 0.00	39.20 -0.91 0.00	38.66 -0.73 0.00	44.74 -0.46 0.00	48.64 -0.33 0.00	40.89 -0.21 0.00	39.52 -0.23 -0.62	39.54 -0.30 -0.03	39.29 -0.43 0.00	44.91 -0.47 0.00
NEG MILLWOOD___DRP 24198	32.20 1.21 0.00	34.10 1.03 0.00	27.88 0.93 0.00	29.67 1.02 0.00	32.24 1.12 0.00	32.81 1.17 0.00	43.04 1.50 0.00	47.19 1.95 0.00	38.77 2.01 0.00	35.25 2.02 -0.68	38.08 2.20 -2.65	43.15 1.23 -23.84	34.62 2.24 0.00	38.75 2.60 0.00	40.13 2.88 0.00	43.32 3.22 0.00	42.71 3.32 0.00	48.75 3.56 0.00	52.66 3.69 0.00	44.03 2.93 0.00	41.77 2.65 0.00	42.23 2.41 0.00	42.02 2.31 0.00	47.79 2.41 0.00
NEG NORTH_FLCN_SEA 23793	31.88 0.89 0.00	34.24 1.17 0.00	28.17 1.23 0.00	29.96 1.30 0.00	32.49 1.37 0.00	32.92 1.28 0.00	43.03 1.49 0.00	46.76 1.51 0.00	37.79 1.03 0.00	33.49 0.93 0.00	33.94 0.71 0.00	18.19 0.11 0.00	32.42 0.05 0.00	35.91 -0.24 0.00	36.85 -0.40 0.00	39.45 -0.66 0.00	38.36 -1.03 0.00	44.67 -0.52 0.00	48.88 -0.09 0.00	40.57 -0.53 0.00	38.67 -0.46 0.00	38.98 -0.83 0.00	39.30 -0.41 0.00	44.93 -0.45 0.00
NEG NORTH_KES_CHATEGAY 23792	31.81 0.81 0.00	34.19 1.12 0.00	27.96 1.02 0.00	29.70 1.04 0.00	32.21 1.09 0.00	32.66 1.02 0.00	42.84 1.30 0.00	46.45 1.21 0.00	37.46 0.70 0.00	33.15 0.60 0.00	33.65 0.42 0.00	18.10 0.02 0.00	32.30 -0.08 0.00	35.82 -0.32 0.00	36.79 -0.45 0.00	39.45 -0.66 0.00	38.53 -0.86 0.00	44.71 -0.48 0.00	48.68 -0.29 0.00	40.69 -0.40 0.00	38.76 -0.37 0.00	39.25 -0.56 0.00	39.45 -0.27 0.00	45.01 -0.37 0.00
NEG NORTH___ALICE_FALLS 23915	32.05 1.05 0.00	34.41 1.34 0.00	28.26 1.32 0.00	30.01 1.36 0.00	32.57 1.45 0.00	33.01 1.37 0.00	43.23 1.69 0.00	46.94 1.70 0.00	37.87 1.11 0.00	33.51 0.96 0.00	33.97 0.74 0.00	18.22 0.14 0.00	32.49 0.11 0.00	36.00 -0.15 0.00	36.95 -0.30 0.00	39.58 -0.52 0.00	38.55 -0.84 0.00	44.91 -0.28 0.00	49.15 0.17 0.00	40.91 -0.18 0.00	39.01 -0.12 0.00	39.34 -0.47 0.00	39.62 -0.10 0.00	45.20 -0.18 0.00
NEG NORTH___LWR_SARANAC 23913	32.05 1.05 0.00	34.41 1.34 0.00	28.26 1.32 0.00	30.01 1.36 0.00	32.57 1.45 0.00	33.01 1.37 0.00	43.23 1.69 0.00	46.94 1.70 0.00	37.87 1.11 0.00	33.51 0.96 0.00	33.97 0.74 0.00	18.22 0.14 0.00	32.49 0.11 0.00	36.00 -0.15 0.00	36.95 -0.30 0.00	39.58 -0.52 0.00	38.55 -0.84 0.00	44.91 -0.28 0.00	49.15 0.17 0.00	40.91 -0.18 0.00	39.01 -0.12 0.00	39.34 -0.47 0.00	39.62 -0.10 0.00	45.20 -0.18 0.00
NEG NORTH___PLATTSBURG 23628	32.05 1.05 0.00	34.41 1.34 0.00	28.26 1.32 0.00	30.01 1.36 0.00	32.57 1.45 0.00	33.01 1.37 0.00	43.23 1.69 0.00	46.94 1.70 0.00	37.87 1.11 0.00	33.50 0.95 0.00	33.96 0.73 0.00	18.24 0.16 0.00	32.49 0.11 0.00	36.00 -0.15 0.00	36.95 -0.30 0.00	39.58 -0.52 0.00	38.55 -0.84 0.00	44.91 -0.28 0.00	49.15 0.17 0.00	40.91 -0.19 0.00	39.01 -0.12 0.00	39.34 -0.47 0.00	39.62 -0.10 0.00	45.21 -0.18 0.00
NEG WEST_LEA_LOCKPORT 23791	28.76 -2.24 0.00	30.78 -2.29 0.00	24.70 -2.24 0.00	26.64 -2.02 0.00	28.70 -2.43 0.00	29.44 -2.20 0.00	39.05 -2.49 0.00	41.42 -3.83 0.00	32.94 -3.79 0.03	26.81 -3.22 2.52	29.30 -3.48 0.45	14.20 -1.95 1.94	17.78 -3.22 11.38	20.43 -3.72 12.00	21.12 -3.95 12.18	23.22 -4.25 12.63	22.49 -4.36 12.53	26.49 -5.24 13.46	29.27 -5.55 14.16	29.22 -4.54 7.33	32.51 -4.29 2.33	35.32 -4.32 0.17	35.87 -3.85 0.00	42.03 -3.35 0.00
NEG WEST___LANCASTR 23811	28.90 -2.10 0.00	30.96 -2.11 0.00	24.82 -2.13 0.00	26.77 -1.88 0.00	28.87 -2.26 0.00	29.53 -2.11 0.00	39.15 -2.39 0.00	41.81 -3.43 0.00	33.38 -3.35 0.03	27.17 -2.82 2.56	29.81 -2.96 0.46	14.35 -1.77 1.96	18.00 -2.84 11.53	20.80 -3.19 12.16	21.56 -3.34 12.34	23.67 -3.58 12.86	22.95 -3.67 12.76	26.98 -4.44 13.77	29.82 -4.67 14.49	29.73 -3.86 7.50	32.73 -3.64 2.76	35.90 -3.72 0.20	36.30 -3.42 0.00	42.31 -3.07 0.00
NEG_PENN_ALLEGHNY 23528	30.67 -0.33 0.00	32.77 -0.30 0.00	26.53 -0.41 0.00	28.38 -0.28 0.00	30.78 -0.34 0.00	31.31 -0.33 0.00	41.21 -0.32 0.00	44.69 -0.56 0.00	36.13 -0.61 0.01	32.00 -0.54 0.02	32.71 -0.51 0.00	17.73 -0.35 0.00	31.95 -0.43 0.00	35.78 -0.37 0.00	36.85 -0.40 0.00	39.70 -0.40 0.00	39.06 -0.33 0.00	44.77 -0.42 0.00	48.61 -0.36 0.00	40.77 -0.33 0.00	37.87 -0.39 0.87	39.29 -0.48 0.05	39.27 -0.45 0.00	45.00 -0.39 0.00
NEG___GEN_MONROE 24207	30.08 -0.91 0.00	32.10 -0.96 0.00	25.92 -1.02 0.00	27.76 -0.89 0.00	30.05 -1.08 0.00	30.73 -0.90 0.00	40.70 -0.84 0.00	43.81 -1.44 0.00	35.19 -1.56 0.02	31.11 -1.43 0.02	31.64 -1.60 0.00	17.17 -0.91 0.00	30.87 -1.51 0.00	34.44 -1.71 0.00	35.42 -1.82 0.00	38.22 -1.89 0.00	37.69 -1.70 0.00	43.19 -2.01 0.00	47.03 -1.94 0.00	39.63 -1.47 0.00	36.75 -1.40 0.98	38.26 -1.51 0.05	38.32 -1.40 0.00	44.19 -1.20 0.00
NEPA___ENERGY 23901	29.20 -1.80 0.00	31.38 -1.69 0.00	25.04 -1.91 0.00	27.07 -1.59 0.00	29.16 -1.97 0.00	29.75 -1.89 0.00	39.34 -2.20 0.00	41.98 -3.27 0.00	33.52 -3.20 0.03	27.25 -2.64 2.66	30.01 -2.74 0.48	14.27 -1.78 2.03	17.84 -2.60 11.94	20.89 -2.67 12.59	21.75 -2.72 12.78	22.96 -2.96 14.19	22.13 -3.11 14.15	26.35 -3.77 15.07	29.18 -3.93 15.86	29.62 -3.26 8.21	33.12 -3.16 2.84	36.44 -3.17 0.21	36.78 -2.94 0.00	42.92 -2.46 0.00

NEVERSINK___HYD 23608	31.53 0.53 0.00	33.45 0.39 0.00	27.29 0.35 0.00	29.05 0.40 0.00	31.58 0.46 0.00	32.15 0.51 0.00	42.19 0.65 0.00	46.16 0.91 0.00	37.76 1.00 0.00	33.02 1.00 0.53	32.27 1.10 2.06	-0.12 0.61 18.80	33.42 1.04 0.00	36.59 0.44 0.00	37.89 0.65 0.00	40.96 0.85 0.00	40.34 0.95 0.00	46.12 0.93 0.00	49.98 1.01 0.00	41.87 0.77 0.00	39.83 0.71 0.00	41.29 1.47 0.00	41.09 1.37 0.00	46.80 1.41 0.00
NEWKRMKL_115KV_TB1 55635	31.22 0.22 0.00	33.13 0.06 0.00	27.27 0.32 0.00	28.93 0.27 0.00	31.42 0.30 0.00	31.90 0.26 0.00	41.65 0.11 0.00	45.59 0.34 0.00	37.34 0.58 0.00	33.38 0.57 -0.25	34.77 0.56 -0.98	27.72 0.39 -9.25	32.95 0.58 0.00	36.76 0.61 0.00	37.95 0.70 0.00	40.90 0.80 0.00	40.32 0.93 0.00	46.16 0.97 0.00	49.94 0.97 0.00	41.70 0.60 0.00	39.69 0.56 0.00	40.37 0.56 0.00	40.24 0.52 0.00	45.95 0.57 0.00
NEWTON___FALLS_HYD 23847	32.01 1.02 0.00	34.39 1.32 0.00	27.88 0.93 0.00	29.42 0.76 0.00	31.80 0.68 0.00	32.31 0.67 0.00	42.58 1.04 0.00	46.52 1.28 0.00	37.42 0.66 0.00	32.96 0.41 0.00	33.42 0.19 0.00	17.95 -0.12 0.00	31.82 -0.56 0.00	35.41 -0.74 0.00	36.59 -0.65 0.00	39.39 -0.71 0.00	38.67 -0.73 0.00	45.21 0.01 0.00	49.57 0.60 0.00	41.78 0.68 0.00	39.75 0.62 0.00	40.27 0.46 0.00	40.15 0.43 0.00	45.94 0.56 0.00
NGRID_A1_DSASP 323792	28.29 -2.71 0.00	30.29 -2.78 0.00	24.31 -2.63 0.00	26.21 -2.44 0.00	28.25 -2.88 0.00	28.98 -2.66 0.00	38.41 -3.12 0.00	40.80 -4.45 0.00	32.47 -4.26 0.03	26.39 -3.56 2.60	28.97 -3.80 0.47	13.97 -2.11 2.00	17.15 -3.48 11.75	19.77 -3.99 12.39	20.45 -4.22 12.57	22.51 -4.56 13.05	21.80 -4.65 12.94	25.74 -5.55 13.90	28.42 -5.94 14.61	28.60 -4.94 7.57	31.88 -4.83 2.42	34.70 -4.93 0.18	35.25 -4.47 0.00	41.29 -4.09 0.00
NGRID_A2_DSASP 323793	28.29 -2.71 0.00	30.29 -2.78 0.00	24.31 -2.63 0.00	26.21 -2.44 0.00	28.25 -2.88 0.00	28.98 -2.66 0.00	38.41 -3.12 0.00	40.80 -4.45 0.00	32.47 -4.26 0.03	26.39 -3.56 2.60	28.97 -3.80 0.47	13.97 -2.11 2.00	17.15 -3.48 11.75	19.77 -3.99 12.39	20.45 -4.22 12.57	22.51 -4.56 13.05	21.80 -4.65 12.94	25.74 -5.55 13.90	28.42 -5.94 14.61	28.60 -4.94 7.57	31.88 -4.83 2.42	34.70 -4.93 0.18	35.25 -4.47 0.00	41.29 -4.09 0.00
NGRID_A4_DSASP 323807	28.29 -2.71 0.00	30.29 -2.78 0.00	24.31 -2.63 0.00	26.21 -2.44 0.00	28.25 -2.88 0.00	28.98 -2.66 0.00	38.41 -3.12 0.00	40.80 -4.45 0.00	32.47 -4.26 0.03	26.39 -3.56 2.60	28.97 -3.80 0.47	13.97 -2.11 2.00	17.15 -3.48 11.75	19.77 -3.99 12.39	20.45 -4.22 12.57	22.51 -4.56 13.05	21.80 -4.65 12.94	25.74 -5.55 13.90	28.42 -5.94 14.61	28.60 -4.94 7.57	31.88 -4.83 2.42	34.70 -4.93 0.18	35.25 -4.47 0.00	41.29 -4.09 0.00
NIAGARA_115E_LBMP 323715	28.38 -2.62 0.00	30.36 -2.70 0.00	24.38 -2.56 0.00	26.29 -2.37 0.00	28.32 -2.81 0.00	29.06 -2.58 0.00	38.53 -3.01 0.00	40.74 -4.50 0.00	32.37 -4.36 0.03	26.35 -3.65 2.55	28.83 -3.94 0.46	13.98 -2.14 1.96	17.42 -3.43 11.52	20.02 -3.98 12.15	20.67 -4.25 12.32	22.71 -4.61 12.79	21.92 -4.78 12.69	25.73 -5.84 13.63	28.33 -6.31 14.33	28.45 -5.23 7.42	31.75 -4.99 2.39	34.64 -4.99 0.18	35.24 -4.48 0.00	41.40 -3.98 0.00
NIAGARA_115W_LBMP 323714	28.23 -2.77 0.00	30.24 -2.83 0.00	24.27 -2.68 0.00	26.17 -2.48 0.00	28.20 -2.93 0.00	28.93 -2.71 0.00	38.34 -3.20 0.00	40.72 -4.52 0.00	32.42 -4.32 0.03	26.35 -3.61 2.59	28.91 -3.85 0.46	13.96 -2.13 1.99	17.15 -3.52 11.71	19.78 -4.02 12.34	20.45 -4.27 12.52	22.51 -4.60 13.00	21.80 -4.70 12.89	25.75 -5.60 13.84	28.42 -5.99 14.56	28.57 -4.99 7.54	31.83 -4.89 2.41	34.64 -5.00 0.18	35.19 -4.53 0.00	41.22 -4.17 0.00
NIAGARA_230_LBMP 323716	28.50 -2.50 0.00	30.52 -2.55 0.00	24.49 -2.45 0.00	26.42 -2.24 0.00	28.47 -2.66 0.00	29.19 -2.46 0.00	38.67 -2.87 0.00	41.11 -4.13 0.00	32.77 -3.97 0.03	26.68 -3.36 2.51	29.24 -3.54 0.45	14.14 -2.01 1.93	17.69 -3.37 11.32	20.36 -3.85 11.94	21.05 -4.08 12.11	23.13 -4.41 12.57	22.42 -4.50 12.47	26.42 -5.38 13.39	29.14 -5.75 14.09	29.04 -4.76 7.29	32.22 -4.55 2.35	35.05 -4.59 0.18	35.57 -4.15 0.00	41.65 -3.73 0.00
NIAGARA___115KV_198_GIBSON 55903	28.23 -2.76 0.00	30.24 -2.83 0.00	24.27 -2.68 0.00	26.18 -2.48 0.00	28.20 -2.92 0.00	28.93 -2.71 0.00	38.34 -3.20 0.00	40.72 -4.53 0.00	32.41 -4.32 0.03	26.34 -3.62 2.59	28.93 -3.83 0.46	13.94 -2.14 1.99	17.07 -3.60 11.71	19.68 -4.13 12.34	20.35 -4.38 12.52	22.39 -4.72 13.00	21.68 -4.82 12.89	25.62 -5.73 13.84	28.32 -6.09 14.56	28.51 -5.05 7.54	31.81 -4.91 2.41	34.61 -5.02 0.18	35.19 -4.52 0.00	41.21 -4.17 0.00
NIAGARA___ 23760	28.50 -2.50 0.00	30.52 -2.55 0.00	24.49 -2.45 0.00	26.42 -2.24 0.00	28.47 -2.66 0.00	29.19 -2.46 0.00	38.67 -2.87 0.00	41.11 -4.13 0.00	32.77 -3.97 0.03	26.67 -3.36 2.53	29.24 -3.54 0.45	14.13 -2.01 1.94	17.63 -3.37 11.38	20.30 -3.85 12.01	20.98 -4.08 12.18	23.05 -4.41 12.65	22.34 -4.50 12.55	26.32 -5.38 13.49	29.03 -5.75 14.19	28.99 -4.76 7.35	32.21 -4.55 2.37	35.05 -4.59 0.18	35.57 -4.15 0.00	41.65 -3.73 0.00
NINE_MILE_1 23575	29.84 -1.16 0.00	31.82 -1.25 0.00	25.89 -1.06 0.00	27.56 -1.10 0.00	29.92 -1.21 0.00	30.45 -1.19 0.00	40.03 -1.51 0.00	43.50 -1.74 0.00	35.31 -1.45 0.00	31.26 -1.30 0.00	31.90 -1.33 0.00	17.33 -0.75 0.00	31.07 -1.30 0.00	34.70 -1.45 0.00	35.73 -1.51 0.00	38.47 -1.64 0.00	37.85 -1.54 0.00	43.44 -1.75 0.00	47.14 -1.83 0.00	39.61 -1.49 0.00	37.74 -1.39 0.00	38.37 -1.44 0.00	38.29 -1.43 0.00	43.77 -1.62 0.00
NINE_MILE_2 23744	29.84 -1.16 0.00	31.82 -1.25 0.00	25.89 -1.06 0.00	27.56 -1.09 0.00	29.92 -1.20 0.00	30.45 -1.19 0.00	40.03 -1.51 0.00	43.51 -1.74 0.00	35.31 -1.45 0.00	31.26 -1.30 0.00	31.90 -1.33 0.00	17.33 -0.75 0.00	31.07 -1.30 0.00	34.70 -1.45 0.00	35.74 -1.51 0.00	38.47 -1.63 0.00	37.85 -1.54 0.00	43.44 -1.75 0.00	47.14 -1.83 0.00	39.62 -1.48 0.00	37.74 -1.39 0.00	38.37 -1.44 0.00	38.29 -1.43 0.00	43.77 -1.61 0.00
NM_CAPITAL___DRP 24208	31.30 0.30 0.00	33.21 0.15 0.00	27.34 0.40 0.00	29.01 0.36 0.00	31.53 0.40 0.00	32.00 0.36 0.00	41.74 0.20 0.00	45.71 0.47 0.00	37.43 0.67 0.00	33.47 0.66 -0.26	34.91 0.67 -1.01	28.07 0.45 -9.55	33.04 0.66 0.00	36.86 0.71 0.00	38.05 0.80 0.00	41.00 0.90 0.00	40.41 1.02 0.00	46.24 1.05 0.00	50.02 1.05 0.00	41.76 0.67 0.00	39.76 0.64 0.00	40.44 0.62 0.00	40.33 0.61 0.00	46.03 0.65 0.00
NM_CENTRAL___DRP 24181	30.35 -0.65 0.00	32.34 -0.72 0.00	26.29 -0.65 0.00	28.01 -0.64 0.00	30.41 -0.72 0.00	30.95 -0.69 0.00	40.73 -0.81 0.00	44.25 -0.99 0.00	35.89 -0.87 0.00	31.77 -0.79 0.00	32.43 -0.80 0.00	17.62 -0.46 0.00	31.61 -0.76 0.00	35.32 -0.83 0.00	36.37 -0.88 0.00	39.15 -0.96 0.00	38.55 -0.84 0.00	44.28 -0.91 0.00	48.07 -0.89 0.00	40.39 -0.71 0.00	38.44 -0.69 0.00	39.04 -0.77 0.00	38.95 -0.77 0.00	44.58 -0.80 0.00

NM_FRONTIER___DRP 24179	28.23 -2.76 0.00	30.24 -2.83 0.00	24.27 -2.68 0.00	26.18 -2.48 0.00	28.20 -2.92 0.00	28.93 -2.71 0.00	38.34 -3.20 0.00	40.72 -4.53 0.00	32.41 -4.32 0.03	26.34 -3.62 2.59	28.93 -3.83 0.46	13.94 -2.14 1.99	17.07 -3.60 11.71	19.68 -4.13 12.34	20.35 -4.38 12.52	22.39 -4.72 13.00	21.68 -4.82 12.89	25.62 -5.73 13.84	28.32 -6.09 14.56	28.51 -5.05 7.54	31.81 -4.91 2.41	34.61 -5.02 0.18	35.19 -4.52 0.00	41.21 -4.17 0.00
NM_ST_REGIS___HYD 24053	32.21 1.21 0.00	34.61 1.54 0.00	28.13 1.19 0.00	29.79 1.13 0.00	32.31 1.18 0.00	32.82 1.18 0.00	43.26 1.72 0.00	46.97 1.73 0.00	37.71 0.95 0.00	33.21 0.65 0.00	33.75 0.52 0.00	18.25 0.17 0.00	32.52 0.14 0.00	36.14 0.00 0.00	37.25 0.01 0.00	40.10 0.00 0.00	39.27 -0.13 0.00	45.66 0.47 0.00	49.62 0.65 0.00	41.74 0.64 0.00	39.82 0.69 0.00	40.47 0.66 0.00	40.45 0.73 0.00	46.18 0.80 0.00
NORTHPORT___1 23551	47.04 1.07 -14.97	36.57 0.93 -2.57	28.80 0.87 -0.98	28.18 0.97 1.45	32.75 1.12 -0.50	35.28 1.20 -2.44	43.38 1.60 -0.24	46.94 1.70 0.00	38.71 1.95 0.00	35.70 1.79 -1.35	44.43 2.08 -9.11	72.70 1.16 -53.46	33.24 1.74 0.88	36.67 1.93 1.42	23.30 2.04 15.98	15.08 2.34 27.36	11.54 2.42 30.27	12.97 2.49 34.71	69.32 2.41 -17.94	45.27 1.84 -2.32	40.84 1.71 0.00	35.81 1.39 5.39	38.41 1.15 2.46	48.38 1.50 -1.50
NORTHPORT___2 23552	47.04 1.07 -14.97	36.57 0.93 -2.57	28.80 0.87 -0.98	28.18 0.97 1.45	32.75 1.12 -0.50	35.28 1.20 -2.44	43.38 1.60 -0.24	46.94 1.70 0.00	38.71 1.95 0.00	35.70 1.79 -1.35	44.43 2.08 -9.11	72.70 1.16 -53.46	33.24 1.74 0.88	36.67 1.93 1.42	23.30 2.04 15.98	15.08 2.34 27.36	11.54 2.42 30.27	12.97 2.49 34.71	69.32 2.41 -17.94	45.27 1.84 -2.32	40.84 1.71 0.00	35.81 1.39 5.39	38.41 1.15 2.46	48.38 1.50 -1.50
NORTHPORT___3 23553	47.61 1.32 -15.30	36.77 1.15 -2.56	28.94 1.05 -0.94	28.31 1.17 1.51	32.91 1.31 -0.47	35.42 1.35 -2.43	43.58 1.80 -0.23	47.30 2.06 0.00	39.00 2.24 0.00	36.04 2.14 -1.35	44.95 2.42 -9.30	73.25 1.41 -53.75	34.16 2.45 0.67	37.88 2.83 1.10	48.13 3.03 -7.86	53.71 3.37 -10.24	69.25 3.45 -26.41	93.86 3.64 -45.03	70.69 3.61 -18.10	46.28 2.84 -2.35	41.72 2.59 0.00	42.08 2.27 0.00	41.83 2.07 -0.05	49.31 2.42 -1.51
NORTHPORT___4 23650	47.61 1.32 -15.30	36.77 1.15 -2.56	28.94 1.05 -0.94	28.31 1.17 1.51	32.91 1.31 -0.47	35.42 1.35 -2.43	43.58 1.80 -0.23	47.30 2.06 0.00	39.00 2.24 0.00	36.04 2.14 -1.35	44.95 2.42 -9.30	73.25 1.41 -53.75	34.16 2.45 0.67	37.88 2.83 1.10	48.13 3.03 -7.86	53.71 3.37 -10.24	69.25 3.45 -26.41	93.86 3.64 -45.03	70.69 3.61 -18.10	46.28 2.84 -2.35	41.72 2.59 0.00	42.08 2.27 0.00	41.83 2.07 -0.05	49.31 2.42 -1.51
NORTHPORT___IC 23718	47.06 1.09 -14.97	36.59 0.95 -2.57	28.83 0.91 -0.98	28.22 1.01 1.45	32.77 1.15 -0.50	35.29 1.20 -2.44	43.41 1.64 -0.24	46.95 1.70 0.00	38.71 1.95 0.00	35.70 1.79 -1.35	44.42 2.08 -9.11	72.68 1.14 -53.46	33.25 1.75 0.88	36.70 1.96 1.42	23.32 2.06 15.98	15.08 2.35 27.36	11.56 2.44 30.27	12.95 2.47 34.71	69.32 2.40 -17.94	45.27 1.85 -2.32	40.85 1.72 0.00	35.81 1.39 5.39	38.41 1.15 2.46	48.38 1.50 -1.50
NORTH___COUNTRY_ESR 323785	31.74 0.74 0.00	34.10 1.03 0.00	27.88 0.94 0.00	29.61 0.95 0.00	32.12 1.00 0.00	32.57 0.93 0.00	42.71 1.17 0.00	46.34 1.09 0.00	37.45 0.69 0.00	33.14 0.59 0.00	33.65 0.41 0.00	18.12 0.04 0.00	32.29 -0.08 0.00	35.82 -0.33 0.00	36.79 -0.46 0.00	39.45 -0.66 0.00	38.52 -0.87 0.00	44.70 -0.49 0.00	48.60 -0.37 0.00	40.61 -0.49 0.00	38.68 -0.45 0.00	39.15 -0.66 0.00	39.37 -0.34 0.00	44.92 -0.46 0.00
NPX_GEN_1385_PROXY 323591	47.05 1.08 -14.97	36.59 0.95 -2.57	28.79 0.86 -0.98	28.17 0.96 1.45	32.76 1.13 -0.50	35.30 1.22 -2.44	43.43 1.66 -0.24	46.90 1.65 0.00	33.85 1.91 4.82	35.36 1.65 -1.15	44.02 1.68 -9.11	72.50 0.97 -53.46	32.74 1.24 0.88	36.21 1.48 1.42	22.82 1.55 15.98	14.54 1.79 27.36	10.97 1.85 30.27	12.32 1.84 34.71	68.70 1.79 -17.94	44.74 1.32 -2.32	40.36 1.23 0.00	35.29 0.87 5.39	37.22 0.64 3.14	48.22 1.34 -1.50
NPX_GEN_CSC 323557	48.39 0.78 -16.61	36.67 0.55 -3.05	29.05 0.53 -1.58	28.22 0.53 0.96	32.75 0.68 -0.94	35.40 0.86 -2.90	43.06 1.24 -0.28	46.50 1.26 0.00	33.50 1.56 4.82	35.18 1.47 -1.15	44.73 1.72 -9.77	73.71 1.01 -54.62	34.07 1.67 -0.02	37.97 1.93 0.12	49.02 1.93 -9.85	53.97 2.27 -11.61	71.72 2.40 -29.93	97.72 2.62 -49.91	69.71 2.54 -18.19	45.36 1.90 -2.36	40.92 1.79 0.00	41.22 1.40 0.00	40.22 1.14 0.64	48.31 1.41 -1.52
NSINS_S_GLNS_FALLS 23858	33.01 2.01 0.00	35.06 1.99 0.00	28.69 1.75 0.00	30.54 1.88 0.00	33.22 2.09 0.00	33.75 2.11 0.00	44.21 2.67 0.00	48.37 3.13 0.00	39.35 2.59 0.00	35.04 2.25 -0.24	36.23 2.08 -0.92	27.91 1.08 -8.75	34.20 1.82 0.00	37.89 1.74 0.00	38.89 1.64 0.00	41.82 1.71 0.00	41.39 2.00 0.00	47.55 2.35 0.00	51.87 2.90 0.00	43.45 2.35 0.00	41.49 2.36 0.00	42.22 2.41 0.00	42.11 2.39 0.00	48.43 3.05 0.00
NUCOR_STEEL___DRP 24197	30.70 -0.30 0.00	32.75 -0.31 0.00	26.60 -0.35 0.00	28.26 -0.40 0.00	30.65 -0.47 0.00	31.33 -0.31 0.00	41.29 -0.24 0.00	44.80 -0.45 0.00	36.25 -0.52 -0.01	32.02 -0.54 -0.01	32.61 -0.62 0.00	17.69 -0.38 0.00	31.81 -0.56 0.00	35.58 -0.57 0.00	36.43 -0.82 0.00	39.22 -0.88 0.00	38.68 -0.71 0.00	44.76 -0.43 0.00	48.65 -0.32 0.00	40.89 -0.21 0.00	39.61 -0.23 -0.70	39.55 -0.30 -0.04	39.27 -0.45 0.00	44.89 -0.49 0.00
NUMBER_THREE_WT_PWR 323818	31.82 0.82 0.00	34.21 1.15 0.00	27.72 0.78 0.00	29.13 0.48 0.00	31.39 0.26 0.00	31.83 0.19 0.00	41.88 0.34 0.00	46.08 0.84 0.00	37.24 0.48 0.00	32.86 0.30 0.00	33.20 -0.03 0.00	17.71 -0.37 0.00	31.22 -1.16 0.00	34.78 -1.36 0.00	35.96 -1.28 0.00	38.69 -1.41 0.00	38.04 -1.35 0.00	44.73 -0.46 0.00	49.50 0.53 0.00	41.69 0.59 0.00	39.47 0.34 0.00	39.77 -0.05 0.00	39.60 -0.12 0.00	45.50 0.12 0.00
NYISO_LBMP_REFERENCE 24008	31.00 0.00 0.00	33.07 0.00 0.00	26.94 0.00 0.00	28.66 0.00 0.00	31.12 0.00 0.00	31.64 0.00 0.00	41.54 0.00 0.00	45.25 0.00 0.00	36.76 0.00 0.00	32.55 0.00 0.00	33.23 0.00 0.00	18.08 0.00 0.00	32.38 0.00 0.00	36.15 0.00 0.00	37.24 0.00 0.00	40.11 0.00 0.00	39.39 0.00 0.00	45.19 0.00 0.00	48.97 0.00 0.00	41.10 0.00 0.00	39.13 0.00 0.00	39.81 0.00 0.00	39.72 0.00 0.00	45.38 0.00 0.00
NYPA_BRENTWD____GT 24164	51.06 1.43 -18.63	38.00 1.29 -3.65	30.41 1.15 -2.32	29.55 1.25 0.35	34.01 1.41 -1.48	36.61 1.51 -3.46	43.95 2.07 -0.34	47.50 2.26 0.00	39.16 2.39 0.00	36.11 2.20 -1.35	46.31 2.49 -10.58	75.50 1.36 -56.06	35.71 2.20 -1.14	40.13 2.50 -1.48	53.04 2.63 -13.16	57.05 3.02 -13.92	78.28 2.99 -35.90	106.49 3.04 -58.26	70.55 3.08 -18.50	46.05 2.55 -2.40	41.59 2.46 0.00	41.99 2.17 0.00	41.67 1.90 -0.05	49.26 2.34 -1.55

NYPA_GOWANUS____GT5 24156	32.16	34.03	27.81	29.58	32.14	32.80	42.91	46.95	38.76	35.96	40.81	70.29	34.84	39.00	40.35	43.51	42.86	48.69	52.58	43.98	41.78	42.30	42.18	47.71
	1.16	0.96	0.87	0.92	1.01	1.16	1.37	1.71	2.00	2.04	2.24	1.35	2.46	2.85	3.11	3.40	3.47	3.50	3.61	2.88	2.65	2.49	2.46	2.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.37	-5.35	-50.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_GOWANUS____GT6 24157	32.16	34.03	27.81	29.58	32.14	32.80	42.91	46.95	38.76	35.96	40.81	70.29	34.84	39.00	40.35	43.51	42.86	48.69	52.58	43.98	41.78	42.30	42.18	47.71
	1.16	0.96	0.87	0.92	1.01	1.16	1.37	1.71	2.00	2.04	2.24	1.35	2.46	2.85	3.11	3.40	3.47	3.50	3.61	2.88	2.65	2.49	2.46	2.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.37	-5.35	-50.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT1 24160	31.96	33.90	27.73	29.48	32.04	32.72	42.81	46.93	38.68	35.88	40.66	70.23	34.73	38.94	40.34	43.45	42.83	48.67	52.57	43.98	41.70	42.15	42.11	47.68
	0.97	0.84	0.79	0.83	0.91	1.08	1.28	1.69	1.92	1.96	2.09	1.30	2.36	2.79	3.09	3.34	3.44	3.48	3.60	2.88	2.57	2.34	2.40	2.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.37	-5.35	-50.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	31.96	33.90	27.73	29.48	32.04	32.72	42.81	46.93	38.68	35.88	40.66	70.23	34.73	38.94	40.34	43.45	42.83	48.67	52.57	43.98	41.70	42.15	42.11	47.68
	0.97	0.84	0.79	0.83	0.91	1.08	1.28	1.69	1.92	1.96	2.09	1.30	2.36	2.79	3.09	3.34	3.44	3.48	3.60	2.88	2.57	2.34	2.40	2.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.37	-5.35	-50.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_KENT____GT 24152	32.13	33.99	27.78	29.55	32.10	32.77	42.90	46.97	38.76	35.96	40.78	70.27	34.81	38.98	40.35	43.49	42.83	48.68	52.57	43.96	41.76	42.24	42.13	47.71
	1.13	0.93	0.84	0.89	0.98	1.13	1.36	1.73	2.00	2.04	2.20	1.34	2.43	2.83	3.11	3.39	3.44	3.49	3.60	2.87	2.63	2.43	2.42	2.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.37	-5.35	-50.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_POUCH1____GT 24155	32.20	34.09	27.86	29.63	32.19	32.86	42.90	46.82	38.73	35.94	40.78	70.27	34.78	38.92	40.26	43.40	42.83	48.64	52.53	43.92	41.75	42.31	42.13	47.58
	1.20	1.02	0.92	0.98	1.06	1.22	1.36	1.57	1.97	2.02	2.20	1.34	2.40	2.77	3.02	3.30	3.44	3.45	3.56	2.82	2.62	2.49	2.41	2.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.37	-5.35	-50.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT2 24162	32.10	33.96	27.76	29.52	32.08	32.73	42.89	46.99	38.75	35.96	40.79	70.26	34.78	38.96	40.33	43.46	42.82	48.70	52.58	43.98	41.76	42.22	42.10	47.71
	1.10	0.89	0.81	0.86	0.95	1.09	1.35	1.75	1.99	2.04	2.21	1.33	2.41	2.81	3.08	3.36	3.43	3.51	3.61	2.89	2.63	2.41	2.39	2.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.37	-5.35	-50.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_VERNON____GT3 24163	32.10	33.96	27.76	29.52	32.08	32.73	42.89	46.99	38.75	35.96	40.79	70.26	34.78	38.96	40.33	43.46	42.82	48.70	52.58	43.98	41.76	42.22	42.10	47.71
	1.10	0.89	0.81	0.86	0.95	1.09	1.35	1.75	1.99	2.04	2.21	1.33	2.41	2.81	3.08	3.36	3.43	3.51	3.61	2.89	2.63	2.41	2.39	2.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.37	-5.35	-50.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC1 323568	32.04	33.91	27.72	29.47	32.02	32.69	42.82	46.92	38.70	35.92	40.73	70.24	34.72	38.89	40.25	43.40	42.75	48.61	52.49	43.92	41.71	42.18	42.06	47.66
	1.05	0.84	0.77	0.82	0.90	1.05	1.29	1.68	1.94	2.00	2.16	1.30	2.34	2.74	3.01	3.29	3.36	3.42	3.52	2.82	2.58	2.36	2.34	2.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.37	-5.35	-50.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC2 323569	32.04	33.91	27.72	29.47	32.02	32.69	42.82	46.92	38.70	35.92	40.73	70.24	34.72	38.89	40.25	43.40	42.75	48.61	52.49	43.92	41.71	42.18	42.06	47.66
	1.05	0.84	0.77	0.82	0.90	1.05	1.29	1.68	1.94	2.00	2.16	1.30	2.34	2.74	3.01	3.29	3.36	3.42	3.52	2.82	2.58	2.36	2.34	2.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.37	-5.35	-50.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HOLTSVILL 23794	48.58	37.01	29.33	28.56	33.09	35.68	43.46	46.99	38.73	35.73	45.03	73.79	34.27	38.16	49.17	54.19	71.62	97.37	69.93	45.60	41.17	41.52	41.22	48.74
	1.11	0.93	0.86	0.91	1.07	1.18	1.64	1.74	1.98	1.82	2.08	1.19	1.95	2.24	2.31	2.64	2.71	2.85	2.79	2.14	2.04	1.70	1.45	1.84
	-16.47	-3.01	-1.53	1.01	-0.90	-2.86	-0.28	0.00	0.00	-1.35	-9.72	-54.52	0.06	0.23	-9.62	-11.44	-29.51	-49.32	-18.17	-2.35	0.00	0.00	-0.05	-1.52
NYPA____HELLGATE_GT1 24158	31.96	33.90	27.73	29.48	32.04	32.72	42.81	46.94	38.68	35.88	40.66	70.23	34.73	38.94	40.34	43.45	42.83	48.68	52.57	43.98	41.72	42.16	42.12	47.68
	0.96	0.84	0.79	0.83	0.91	1.08	1.28	1.69	1.92	1.96	2.09	1.30	2.35	2.79	3.09	3.34	3.44	3.49	3.60	2.88	2.59	2.35	2.40	2.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.37	-5.35	-50.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HELLGATE_GT2 24159	31.96	33.90	27.73	29.48	32.04	32.72	42.81	46.94	38.68	35.88	40.66	70.23	34.73	38.94	40.34	43.45	42.83	48.68	52.57	43.98	41.72	42.16	42.12	47.68
	0.96	0.84	0.79	0.83	0.91	1.08	1.28	1.69	1.92	1.96	2.09	1.30	2.35	2.79	3.09	3.34	3.44	3.49	3.60	2.88	2.59	2.35	2.40	2.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.37	-5.35	-50.85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE____HYD 23848	28.79	30.80	24.72	26.65	28.71	29.46	39.08	41.44	32.96	27.01	29.34	14.35	18.68	21.41	22.10	24.25	23.53	27.59	30.39	29.84	32.63	35.38	35.89	42.07
	-2.21	-2.27	-2.23	-2.01	-2.41	-2.18	-2.46	-3.80	-3.77	-3.19	-3.47	-1.92	-3.09	-3.56	-3.80	-4.08	-4.18	-5.07	-5.39	-4.44	-4.25	-4.27	-3.82	-3.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	2.35	0.42	1.80	10.60	11.18	11.34	11.77	11.68	12.54	13.18	6.83	2.25	0.17	0.00	0.00
OAK ORCHARD____HYD 24046	29.97	31.98	25.86	27.67	29.95	30.61	40.50	43.65	35.14	31.12	31.74	17.23	30.98	34.57	35.57	38.37	37.77	43.31	47.09	39.59	36.71	38.20	38.23	44.02
	-1.03	-1.08	-1.09	-0.99	-1.17	-1.03	-1.04	-1.59	-1.60	-1.41	-1.49	-0.85	-1.40	-1.58	-1.68	-1.73	-1.62	-1.88	-1.88	-1.51	-1.46	-1.56	-1.48	-1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.96	0.05	0.00	0.00

OAKDALE___35_KV_LOAD 356122	30.54 -0.45 0.00	32.64 -0.43 0.00	26.43 -0.51 0.00	28.28 -0.38 0.00	30.66 -0.46 0.00	31.19 -0.45 0.00	41.04 -0.50 0.00	44.50 -0.75 0.00	36.00 -0.75 0.02	31.89 -0.64 0.02	32.61 -0.62 0.00	17.67 -0.40 0.00	31.85 -0.53 0.00	35.66 -0.49 0.00	36.73 -0.52 0.00	39.55 -0.55 0.00	38.90 -0.49 0.00	44.56 -0.63 0.00	48.38 -0.59 0.00	40.59 -0.51 0.00	37.46 -0.56 1.11	39.11 -0.64 0.06	39.11 -0.61 0.00	44.82 -0.56 0.00
OCC_CHEM___DRP 24175	28.29 -2.71 0.00	30.29 -2.78 0.00	24.31 -2.63 0.00	26.22 -2.43 0.00	28.25 -2.87 0.00	28.98 -2.66 0.00	38.42 -3.12 0.00	40.80 -4.44 0.00	32.47 -4.26 0.03	26.38 -3.57 2.60	28.99 -3.78 0.47	13.96 -2.12 2.00	17.06 -3.56 11.75	19.67 -4.08 12.39	20.34 -4.33 12.57	22.38 -4.68 13.05	21.67 -4.78 12.94	25.62 -5.67 13.90	28.31 -6.04 14.61	28.54 -5.00 7.57	31.87 -4.84 2.42	34.68 -4.95 0.18	35.26 -4.46 0.00	41.29 -4.09 0.00
OH_GEN_PROXY 24063	28.53 -2.47 0.00	30.56 -2.51 0.00	24.52 -2.42 0.00	26.45 -2.20 0.00	28.50 -2.63 0.00	29.22 -2.42 0.00	38.72 -2.81 0.00	41.21 -4.03 0.00	28.03 -3.87 4.85	26.75 -3.28 2.53	29.37 -3.44 0.41	14.33 -1.96 1.78	18.62 -3.28 10.48	21.37 -3.73 11.05	22.07 -3.97 11.21	24.19 -4.28 11.63	23.48 -4.37 11.54	27.58 -5.22 12.40	30.36 -5.57 13.04	29.74 -4.60 6.75	32.42 -4.42 2.30	35.19 -4.46 0.17	34.97 -4.06 0.69	41.72 -3.67 0.00
OLIN_CORP_DRP 24177	28.42 -2.58 0.00	30.41 -2.65 0.00	24.42 -2.52 0.00	26.34 -2.32 0.00	28.37 -2.75 0.00	29.11 -2.53 0.00	38.59 -2.95 0.00	40.83 -4.42 0.00	32.44 -4.29 0.03	26.37 -3.59 2.60	28.89 -3.88 0.46	13.96 -2.13 2.00	17.15 -3.50 11.73	19.73 -4.05 12.37	20.39 -4.31 12.55	22.41 -4.67 13.03	21.62 -4.84 12.92	25.45 -5.87 13.88	28.07 -6.31 14.59	28.36 -5.19 7.56	31.79 -4.91 2.43	34.70 -4.93 0.18	35.32 -4.40 0.00	41.46 -3.92 0.00
OLIN_CORP_DSASP 323712	28.29 -2.71 0.00	30.29 -2.78 0.00	24.31 -2.63 0.00	26.21 -2.44 0.00	28.25 -2.88 0.00	28.98 -2.66 0.00	38.41 -3.12 0.00	40.80 -4.45 0.00	32.47 -4.26 0.03	26.39 -3.56 2.60	28.97 -3.80 0.47	13.97 -2.11 2.00	17.15 -3.48 11.75	19.77 -3.99 12.39	20.45 -4.22 12.57	22.51 -4.56 13.05	21.80 -4.65 12.94	25.74 -5.55 13.90	28.42 -5.94 14.61	28.60 -4.94 7.57	31.88 -4.83 2.42	34.70 -4.93 0.18	35.25 -4.47 0.00	41.29 -4.09 0.00
ONEIDA_HERK_LFGE 323681	31.68 0.68 0.00	33.88 0.81 0.00	27.53 0.58 0.00	29.13 0.48 0.00	31.53 0.41 0.00	32.06 0.42 0.00	42.17 0.64 0.00	46.08 0.84 0.00	37.30 0.54 0.00	32.93 0.38 0.00	33.44 0.21 0.00	18.03 -0.05 0.00	32.11 -0.27 0.00	35.90 -0.25 0.00	37.05 -0.20 0.00	39.86 -0.24 0.00	39.24 -0.15 0.00	45.52 0.33 0.00	49.95 0.98 0.00	41.99 0.89 0.00	39.86 0.73 0.00	40.34 0.52 0.00	40.18 0.46 0.00	45.99 0.61 0.00
ONEIDA___115KV_TB4 55905	31.54 0.54 0.00	33.65 0.58 0.00	27.34 0.39 0.00	29.08 0.42 0.00	31.54 0.41 0.00	32.10 0.46 0.00	42.26 0.72 0.00	45.94 0.69 0.00	37.15 0.39 0.00	32.77 0.22 0.00	33.37 0.14 0.00	18.08 0.00 0.00	32.38 0.00 0.00	36.27 0.13 0.00	37.36 0.12 0.00	40.19 0.09 0.00	39.64 0.24 0.00	45.69 0.50 0.00	50.02 1.05 0.00	42.06 0.96 0.00	39.98 0.85 0.00	40.54 0.72 0.00	40.40 0.68 0.00	46.18 0.80 0.00
ONONDAGA_REF_OCCRA 23987	30.53 -0.46 0.00	32.55 -0.51 0.00	26.45 -0.49 0.00	28.19 -0.47 0.00	30.60 -0.52 0.00	31.15 -0.49 0.00	40.99 -0.55 0.00	44.54 -0.70 0.00	36.11 -0.66 -0.01	31.94 -0.62 -0.01	32.58 -0.65 0.00	17.69 -0.39 0.00	31.78 -0.60 0.00	35.52 -0.63 0.00	36.56 -0.69 0.00	39.37 -0.73 0.00	38.79 -0.60 0.00	44.57 -0.62 0.00	48.42 -0.54 0.00	40.69 -0.41 0.00	39.23 -0.40 -0.50	39.34 -0.50 -0.03	39.21 -0.50 0.00	44.87 -0.52 0.00
ONONDAGA___COGEN 23986	30.50 -0.49 0.00	32.52 -0.54 0.00	26.43 -0.51 0.00	28.16 -0.50 0.00	30.57 -0.56 0.00	31.12 -0.52 0.00	40.95 -0.59 0.00	44.50 -0.75 0.00	36.06 -0.70 0.00	31.90 -0.65 0.00	32.55 -0.68 0.00	17.68 -0.40 0.00	31.73 -0.65 0.00	35.46 -0.69 0.00	36.49 -0.76 0.00	39.31 -0.80 0.00	38.73 -0.66 0.00	44.55 -0.65 0.00	48.38 -0.59 0.00	40.65 -0.45 0.00	38.69 -0.44 0.00	39.30 -0.51 0.00	39.17 -0.55 0.00	44.78 -0.60 0.00
ONTARIO___LFGE 23819	30.43 -0.57 0.00	32.50 -0.57 0.00	26.24 -0.70 0.00	28.10 -0.56 0.00	30.44 -0.68 0.00	31.06 -0.59 0.00	40.98 -0.56 0.00	44.18 -1.06 0.00	35.63 -1.10 0.04	32.82 -1.12 -1.39	32.20 -1.29 -0.26	18.39 -0.77 -1.09	37.52 -1.26 -6.39	41.46 -1.44 -6.74	42.49 -1.60 -6.84	45.60 -1.64 -7.13	45.04 -1.43 -7.08	51.54 -1.29 -7.64	55.94 -1.12 -8.08	44.42 -0.90 -4.23	36.51 -0.89 1.73	38.74 -1.01 0.06	38.86 -0.86 0.00	44.52 -0.86 0.00
ORANGEVILLE_WT_PWR 323706	29.24 -1.76 0.00	31.34 -1.73 0.00	25.12 -1.82 0.00	27.03 -1.63 0.00	29.11 -2.02 0.00	29.80 -1.85 0.00	39.39 -2.15 0.00	41.86 -3.39 0.00	33.28 -3.44 0.04	19.87 -3.13 9.55	28.18 -3.33 1.72	8.71 -1.98 7.39	-14.37 -3.32 43.43	-13.35 -3.70 45.80	-13.08 -3.86 46.47	-12.27 -4.06 48.32	-12.52 -3.95 47.96	-11.02 -4.61 51.60	-10.01 -4.71 54.26	9.17 -3.84 28.09	30.24 -3.67 5.21	35.67 -3.66 0.48	36.55 -3.17 0.00	42.73 -2.65 0.00
ORANGEVILLE___ESR 323794	29.24 -1.76 0.00	31.34 -1.73 0.00	25.12 -1.82 0.00	27.03 -1.63 0.00	29.11 -2.02 0.00	29.80 -1.85 0.00	39.39 -2.15 0.00	41.86 -3.39 0.00	33.28 -3.44 0.04	19.87 -3.13 9.55	28.18 -3.33 1.72	8.71 -1.98 7.39	-14.37 -3.32 43.43	-13.35 -3.70 45.80	-13.08 -3.86 46.47	-12.27 -4.06 48.32	-12.52 -3.95 47.96	-11.02 -4.61 51.60	-10.01 -4.71 54.26	9.17 -3.84 28.09	30.24 -3.67 5.21	35.67 -3.66 0.48	36.55 -3.17 0.00	42.73 -2.65 0.00
OSWEGATCHIE___HYD 24044	32.01 1.02 0.00	34.38 1.31 0.00	27.88 0.93 0.00	29.42 0.76 0.00	31.80 0.68 0.00	32.31 0.67 0.00	42.58 1.04 0.00	46.52 1.28 0.00	37.42 0.66 0.00	32.96 0.41 0.00	33.42 0.19 0.00	17.96 -0.12 0.00	31.82 -0.56 0.00	35.41 -0.74 0.00	36.59 -0.65 0.00	39.39 -0.71 0.00	38.67 -0.73 0.00	45.21 0.01 0.00	49.57 0.60 0.00	41.78 0.68 0.00	39.75 0.62 0.00	40.27 0.46 0.00	40.16 0.44 0.00	45.94 0.56 0.00
OSWEGO___5 23606	30.06 -0.94 0.00	32.05 -1.01 0.00	26.06 -0.88 0.00	27.76 -0.90 0.00	30.13 -1.00 0.00	30.67 -0.97 0.00	40.32 -1.22 0.00	43.82 -1.42 0.00	35.56 -1.20 0.00	31.47 -1.08 0.00	32.12 -1.11 0.00	17.45 -0.64 0.00	31.30 -1.08 0.00	34.94 -1.21 0.00	35.98 -1.27 0.00	38.75 -1.35 0.00	38.12 -1.27 0.00	43.77 -1.42 0.00	47.50 -1.47 0.00	39.90 -1.19 0.00	38.01 -1.12 0.00	38.64 -1.17 0.00	38.56 -1.16 0.00	44.08 -1.30 0.00
OSWEGO___6 23613	30.06 -0.94 0.00	32.05 -1.01 0.00	26.06 -0.88 0.00	27.76 -0.90 0.00	30.13 -1.00 0.00	30.67 -0.97 0.00	40.32 -1.22 0.00	43.82 -1.42 0.00	35.56 -1.20 0.00	31.47 -1.08 0.00	32.12 -1.11 0.00	17.45 -0.64 0.00	31.30 -1.08 0.00	34.94 -1.21 0.00	35.98 -1.27 0.00	38.75 -1.35 0.00	38.12 -1.27 0.00	43.77 -1.42 0.00	47.50 -1.47 0.00	39.90 -1.19 0.00	38.01 -1.12 0.00	38.64 -1.17 0.00	38.56 -1.16 0.00	44.08 -1.30 0.00

OUTOKUMPU-AB___DRP 24206	28.97 -2.03 0.00	31.00 -2.06 0.00	24.85 -2.09 0.00	26.79 -1.87 0.00	28.86 -2.26 0.00	29.61 -2.03 0.00	39.27 -2.27 0.00	41.73 -3.51 0.00	33.23 -3.50 0.03	26.90 -2.94 2.71	29.60 -3.15 0.49	14.20 -1.79 2.09	17.18 -2.94 12.25	19.85 -3.38 12.92	20.56 -3.58 13.11	22.67 -3.83 13.60	21.96 -3.93 13.50	26.00 -4.70 14.49	28.76 -4.97 15.24	29.12 -4.09 7.89	32.72 -3.91 2.49	35.64 -3.98 0.19	36.17 -3.55 0.00	42.32 -3.06 0.00
OXBOW___BTM 323836	28.61 -2.39 0.00	30.63 -2.44 0.00	24.56 -2.38 0.00	26.48 -2.18 0.00	28.53 -2.59 0.00	29.27 -2.37 0.00	38.82 -2.72 0.00	41.25 -4.00 0.00	32.84 -3.89 0.03	26.64 -3.26 2.66	29.27 -3.49 0.48	14.09 -1.95 2.04	17.19 -3.18 12.00	19.86 -3.63 12.66	20.55 -3.86 12.84	22.64 -4.14 13.33	21.93 -4.23 13.22	25.94 -5.06 14.20	28.63 -5.41 14.93	28.88 -4.49 7.73	32.30 -4.37 2.46	35.17 -4.46 0.18	35.70 -4.02 0.00	41.78 -3.60 0.00
OXBOW___ 24026	28.61 -2.39 0.00	30.63 -2.44 0.00	24.56 -2.38 0.00	26.49 -2.17 0.00	28.54 -2.58 0.00	29.27 -2.37 0.00	38.82 -2.72 0.00	41.24 -4.00 0.00	32.84 -3.89 0.03	26.63 -3.27 2.66	29.28 -3.47 0.48	14.08 -1.96 2.04	17.10 -3.27 12.00	19.74 -3.75 12.66	20.44 -3.96 12.84	22.52 -4.25 13.33	21.81 -4.35 13.22	25.81 -5.19 14.20	28.53 -5.51 14.93	28.82 -4.55 7.73	32.29 -4.38 2.46	35.15 -4.48 0.18	35.70 -4.01 0.00	41.78 -3.60 0.00
OXY_CHEM_DSASP 323612	28.29 -2.71 0.00	30.29 -2.78 0.00	24.31 -2.63 0.00	26.22 -2.43 0.00	28.25 -2.87 0.00	28.98 -2.66 0.00	38.42 -3.12 0.00	40.80 -4.44 0.00	32.47 -4.26 0.03	26.38 -3.57 2.60	28.99 -3.78 0.47	13.96 -2.12 2.00	17.06 -3.56 11.75	19.67 -4.08 12.39	20.34 -4.33 12.57	22.38 -4.68 13.05	21.67 -4.78 12.94	25.62 -5.67 13.90	28.31 -6.04 14.61	28.54 -5.00 7.57	31.87 -4.84 2.42	34.68 -4.95 0.18	35.26 -4.46 0.00	41.29 -4.09 0.00
OZONE_PARK_ESR 323760	32.41 1.41 0.00	34.24 1.17 0.00	27.97 1.03 0.00	29.75 1.10 0.00	32.31 1.19 0.00	32.95 1.31 0.00	43.24 1.70 0.00	47.42 2.17 0.00	39.05 2.29 0.00	36.21 2.29 -1.37	41.09 2.51 -5.35	70.46 1.47 -50.91	35.11 2.73 0.00	39.32 3.17 0.00	40.70 3.45 0.00	43.91 3.81 0.00	43.25 3.86 0.00	49.26 4.06 0.00	53.16 4.19 0.00	44.46 3.36 0.00	42.18 3.05 0.00	42.62 2.81 0.00	42.46 2.74 0.00	48.24 2.86 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.29 -2.71 0.00	30.29 -2.78 0.00	24.31 -2.63 0.00	26.22 -2.43 0.00	28.25 -2.87 0.00	28.98 -2.66 0.00	38.42 -3.12 0.00	40.80 -4.44 0.00	32.47 -4.26 0.03	26.38 -3.57 2.60	28.99 -3.78 0.47	13.96 -2.12 2.00	17.06 -3.56 11.75	19.67 -4.08 12.39	20.34 -4.33 12.57	22.38 -4.68 13.05	21.67 -4.78 12.94	25.62 -5.67 13.90	28.31 -6.04 14.61	28.54 -5.00 7.57	31.87 -4.84 2.42	34.68 -4.95 0.18	35.26 -4.46 0.00	41.29 -4.09 0.00
PACKARD___115KV_DUPONT_184 80571	28.29 -2.71 0.00	30.29 -2.78 0.00	24.31 -2.63 0.00	26.22 -2.43 0.00	28.25 -2.87 0.00	28.98 -2.66 0.00	38.42 -3.12 0.00	40.80 -4.44 0.00	32.47 -4.26 0.03	26.38 -3.57 2.60	28.99 -3.78 0.47	13.96 -2.12 2.00	17.06 -3.56 11.75	19.67 -4.08 12.39	20.34 -4.33 12.57	22.38 -4.68 13.05	21.67 -4.78 12.94	25.62 -5.67 13.90	28.31 -6.04 14.61	28.54 -5.00 7.57	31.87 -4.84 2.42	34.68 -4.95 0.18	35.26 -4.46 0.00	41.29 -4.09 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	31.96 0.96 0.00	33.86 0.79 0.00	27.69 0.74 0.00	29.44 0.79 0.00	31.99 0.86 0.00	32.67 1.03 0.00	42.76 1.22 0.00	46.87 1.62 0.00	38.64 1.88 0.00	35.84 1.92 -1.37	40.62 2.05 -5.35	70.20 1.26 -50.85	34.65 2.27 0.00	38.89 2.74 0.00	40.26 3.02 0.00	43.41 3.31 0.00	42.79 3.40 0.00	48.63 3.44 0.00	52.52 3.55 0.00	43.97 2.87 0.00	41.72 2.59 0.00	42.16 2.34 0.00	42.06 2.34 0.00	47.63 2.25 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.93 1.93 0.00	34.88 1.81 0.00	28.53 1.58 0.00	30.35 1.69 0.00	32.99 1.87 0.00	33.70 2.06 0.00	44.16 2.62 0.00	48.34 3.09 0.00	39.80 3.04 0.00	36.87 2.95 -1.37	41.64 3.06 -5.35	70.74 1.80 -50.85	35.64 3.26 0.00	40.00 3.85 0.00	41.38 4.14 0.00	44.60 4.49 0.00	43.99 4.60 0.00	49.98 4.79 0.00	53.96 4.99 0.00	45.18 4.08 0.00	42.90 3.78 0.00	43.38 3.57 0.00	43.33 3.61 0.00	49.15 3.76 0.00
PATROON___115KV_TB1 80586	31.32 0.32 0.00	33.23 0.17 0.00	27.35 0.41 0.00	29.02 0.36 0.00	31.53 0.40 0.00	32.00 0.36 0.00	41.79 0.25 0.00	45.74 0.49 0.00	37.46 0.70 0.00	33.47 0.67 -0.25	34.88 0.67 -0.98	27.77 0.45 -9.24	33.06 0.68 0.00	36.89 0.74 0.00	38.08 0.84 0.00	41.05 0.94 0.00	40.46 1.07 0.00	46.33 1.14 0.00	50.13 1.16 0.00	41.85 0.75 0.00	39.83 0.70 0.00	40.51 0.69 0.00	40.37 0.65 0.00	46.09 0.71 0.00
PATTRSNVILLE___SOLAR 323815	31.81 0.81 0.00	33.86 0.80 0.00	27.64 0.69 0.00	29.40 0.74 0.00	31.97 0.84 0.00	32.49 0.85 0.00	42.62 1.08 0.00	46.41 1.16 0.00	37.47 0.71 0.00	33.23 0.47 -0.21	34.48 0.43 -0.81	26.06 0.26 -7.72	32.89 0.51 0.00	36.74 0.59 0.00	37.81 0.57 0.00	40.69 0.59 0.00	40.09 0.70 0.00	46.19 1.00 0.00	50.40 1.43 0.00	42.41 1.31 0.00	40.36 1.23 0.00	40.99 1.18 0.00	40.86 1.14 0.00	46.69 1.31 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.02 -1.98 0.00	31.07 -1.99 0.00	24.90 -2.04 0.00	26.86 -1.79 0.00	28.95 -2.17 0.00	29.64 -2.00 0.00	39.32 -2.22 0.00	41.94 -3.30 0.00	33.46 -3.26 0.03	27.00 -2.76 2.80	29.81 -2.92 0.50	14.20 -1.73 2.15	16.97 -2.79 12.62	19.70 -3.14 13.30	20.45 -3.30 13.50	22.54 -3.52 14.04	21.85 -3.60 13.93	25.85 -4.34 15.00	28.62 -4.58 15.77	29.17 -3.76 8.17	32.83 -3.55 2.75	35.98 -3.63 0.20	36.42 -3.29 0.00	42.50 -2.88 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	32.20 1.21 0.00	34.10 1.03 0.00	27.88 0.93 0.00	29.67 1.02 0.00	32.24 1.12 0.00	32.81 1.17 0.00	43.04 1.50 0.00	47.19 1.95 0.00	38.77 2.01 0.00	35.25 2.02 -0.68	38.08 2.20 -2.65	43.15 1.23 -23.84	34.62 2.24 0.00	38.75 2.60 0.00	40.13 2.88 0.00	43.32 3.22 0.00	42.71 3.32 0.00	48.75 3.56 0.00	52.66 3.69 0.00	44.03 2.93 0.00	41.77 2.65 0.00	42.23 2.41 0.00	42.02 2.31 0.00	47.79 2.41 0.00
PEEKSKILL___ 23653	31.87 0.87 0.00	33.76 0.69 0.00	27.58 0.64 0.00	29.35 0.70 0.00	31.89 0.76 0.00	32.47 0.83 0.00	42.56 1.02 0.00	46.61 1.37 0.00	38.30 1.54 0.00	35.64 1.58 -1.51	40.91 1.76 -5.92	75.52 1.02 -56.42	34.28 1.90 0.00	38.41 2.26 0.00	39.75 2.50 0.00	42.91 2.80 0.00	42.25 2.86 0.00	48.16 2.96 0.00	52.04 3.07 0.00	43.50 2.40 0.00	41.27 2.14 0.00	41.73 1.92 0.00	41.56 1.84 0.00	47.31 1.93 0.00
PGE MADISON___WINDPWR 24146	32.50 1.50 0.00	34.71 1.64 0.00	28.10 1.15 0.00	30.02 1.36 0.00	32.47 1.35 0.00	33.15 1.51 0.00	43.92 2.38 0.00	47.39 2.14 0.00	38.07 1.27 -0.04	33.85 0.81 -0.49	33.91 0.60 -0.08	18.52 0.10 -0.34	34.52 0.16 -1.98	38.48 0.24 -2.08	38.98 -0.38 -2.11	41.81 -0.48 -2.19	41.57 0.00 -2.17	47.96 0.44 -2.34	52.74 1.30 -2.47	43.81 1.43 -1.29	43.03 1.11 -2.79	40.65 0.68 -0.15	40.34 0.62 0.00	46.08 0.70 0.00

PIERCEFIELD___HYD 23852	32.16 1.17 0.00	34.56 1.49 0.00	28.06 1.12 0.00	29.70 1.04 0.00	32.20 1.07 0.00	32.73 1.08 0.00	43.17 1.64 0.00	46.89 1.64 0.00	37.63 0.87 0.00	33.11 0.56 0.00	33.67 0.45 0.00	18.23 0.15 0.00	32.49 0.11 0.00	36.14 0.00 0.00	37.27 0.02 0.00	40.16 0.06 0.00	39.34 -0.05 0.00	45.76 0.57 0.00	49.63 0.66 0.00	41.80 0.70 0.00	39.90 0.77 0.00	40.62 0.80 0.00	40.54 0.82 0.00	46.31 0.93 0.00
PINELAWN_CC_1 323563	59.95 1.37 -27.58	40.89 1.20 -6.62	34.06 1.09 -6.03	32.55 1.19 -2.70	36.67 1.35 -4.20	39.35 1.41 -6.30	44.08 1.92 -0.62	47.40 2.16 0.00	39.07 2.31 0.00	35.87 1.96 -1.36	49.57 2.30 -14.03	81.76 1.26 -62.42	40.60 2.02 -6.21	46.62 2.19 -8.28	66.70 2.35 -27.11	66.50 2.68 -23.72	103.37 2.80 -61.18	141.85 2.93 -93.72	71.88 2.89 -20.03	45.95 2.26 -2.59	41.18 2.05 0.00	41.55 1.74 0.00	41.49 1.72 -0.06	49.48 2.43 -1.68
PJM_GEN_HTTP_PROXY 323702	32.07 1.08 0.00	33.91 0.84 0.00	27.71 0.77 0.00	29.32 0.83 0.16	32.03 0.90 0.00	32.65 1.01 0.00	42.83 1.29 0.00	50.83 1.70 -3.88	38.65 1.89 0.00	35.85 1.93 -1.37	40.72 2.13 -5.36	70.30 1.25 -50.96	34.72 2.34 0.00	38.87 2.72 0.00	40.22 2.97 0.00	43.38 3.28 0.00	42.73 3.34 0.00	48.65 3.46 0.00	52.54 3.57 0.00	43.93 2.84 0.00	41.66 2.54 0.00	42.59 2.29 -0.49	41.95 2.23 0.00	49.69 2.29 -2.02
PJM_GEN_KEystone 24065	30.41 -0.59 0.00	32.40 -0.67 0.00	25.79 -0.70 0.45	27.95 -0.55 0.16	30.44 -0.68 0.00	31.03 -0.61 0.00	30.72 -0.73 10.08	46.33 -0.97 -2.06	35.96 -0.78 0.02	29.67 -0.51 2.37	25.92 -0.43 6.88	-47.32 -0.28 65.13	29.29 -0.24 2.85	33.03 -0.11 3.00	34.15 -0.04 3.05	36.91 0.03 3.22	36.19 0.01 3.20	41.44 -0.29 3.47	44.98 -0.34 3.66	38.81 -0.39 1.90	37.44 -0.49 1.19	39.60 -0.63 -0.41	39.12 -0.59 0.00	46.93 -0.47 -2.02
PJM_GEN_NEPTUNE_PROXY 323594	40.44 1.10 -8.35	34.62 0.93 -0.62	26.40 0.90 1.44	26.06 1.01 3.61	30.99 1.13 1.27	33.38 1.14 -0.59	43.12 1.53 -0.05	50.87 1.74 -3.88	38.72 1.96 0.00	35.81 1.91 -1.35	41.86 2.17 -6.46	68.09 1.27 -48.74	30.05 2.21 4.54	32.06 2.56 6.65	36.27 2.73 3.71	45.26 3.03 -2.13	48.01 3.13 -5.49	64.17 3.24 -15.73	69.11 3.21 -16.93	45.79 2.51 -2.19	41.40 2.27 0.00	42.28 1.97 -0.49	41.56 1.80 -0.05	50.91 2.10 -3.43
PJM_GEN_VFT_PROXY 323633	31.94 0.94 0.00	33.76 0.69 0.00	27.59 0.65 0.00	29.18 0.69 0.16	31.87 0.75 0.00	32.51 0.86 0.00	42.61 1.07 0.00	50.60 1.47 -3.88	38.49 1.73 0.00	35.71 1.80 -1.37	40.58 2.00 -5.35	70.18 1.20 -50.91	34.61 2.23 0.00	38.79 2.65 0.00	40.14 2.90 0.00	43.30 3.20 0.00	42.63 3.24 0.00	48.52 3.33 0.00	52.38 3.41 0.00	43.79 2.69 0.00	41.52 2.39 0.00	42.44 2.14 -0.49	41.81 2.09 0.00	49.53 2.13 -2.02
PLATSBRG_115KV_PMLD1 355749	31.93 0.93 0.00	34.28 1.22 0.00	28.22 1.28 0.00	29.99 1.33 0.00	32.55 1.42 0.00	32.98 1.33 0.00	43.09 1.56 0.00	46.82 1.57 0.00	37.84 1.08 0.00	33.54 0.99 0.00	33.99 0.76 0.00	18.21 0.13 0.00	32.47 0.09 0.00	35.96 -0.19 0.00	36.90 -0.34 0.00	39.50 -0.60 0.00	38.42 -0.97 0.00	44.73 -0.46 0.00	48.95 -0.02 0.00	40.62 -0.48 0.00	38.71 -0.42 0.00	39.04 -0.78 0.00	39.35 -0.36 0.00	44.92 -0.47 0.00
PLEASANTVLY___LBMP 24000	31.80 0.80 0.00	33.69 0.63 0.00	27.58 0.64 0.00	29.36 0.70 0.00	31.92 0.79 0.00	32.45 0.80 0.00	42.49 0.95 0.00	46.56 1.32 0.00	38.24 1.48 0.00	34.87 1.49 -0.83	38.12 1.65 -3.23	49.64 0.96 -30.59	34.14 1.76 0.00	38.19 2.04 0.00	39.48 2.24 0.00	42.59 2.49 0.00	41.99 2.60 0.00	47.90 2.71 0.00	51.75 2.78 0.00	43.26 2.17 0.00	41.07 1.94 0.00	41.57 1.76 0.00	41.40 1.68 0.00	47.10 1.72 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	32.03 1.04 0.00	33.90 0.84 0.00	27.72 0.78 0.00	29.51 0.86 0.00	32.07 0.95 0.00	32.64 1.00 0.00	42.78 1.24 0.00	46.89 1.64 0.00	38.55 1.79 0.00	35.56 1.80 -1.21	39.94 1.99 -4.72	64.08 1.16 -44.84	34.51 2.14 0.00	38.64 2.50 0.00	39.98 2.73 0.00	43.15 3.04 0.00	42.52 3.13 0.00	48.46 3.26 0.00	52.33 3.36 0.00	43.75 2.65 0.00	41.51 2.38 0.00	41.97 2.16 0.00	41.80 2.08 0.00	47.54 2.16 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	32.03 1.04 0.00	33.90 0.84 0.00	27.72 0.78 0.00	29.51 0.86 0.00	32.07 0.95 0.00	32.64 1.00 0.00	42.78 1.24 0.00	46.89 1.64 0.00	38.55 1.79 0.00	35.56 1.80 -1.21	39.94 1.99 -4.72	64.08 1.16 -44.84	34.51 2.14 0.00	38.64 2.50 0.00	39.98 2.73 0.00	43.15 3.04 0.00	42.52 3.13 0.00	48.46 3.26 0.00	52.33 3.36 0.00	43.75 2.65 0.00	41.51 2.38 0.00	41.97 2.16 0.00	41.80 2.08 0.00	47.54 2.16 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	32.01 1.01 0.00	33.90 0.84 0.00	27.74 0.80 0.00	29.54 0.88 0.00	32.11 0.98 0.00	32.65 1.01 0.00	42.80 1.26 0.00	46.92 1.67 0.00	38.52 1.76 0.00	34.68 1.73 -0.39	36.65 1.89 -1.53	32.76 1.07 -13.61	34.33 1.96 0.00	38.41 2.26 0.00	39.77 2.53 0.00	42.92 2.82 0.00	42.34 2.95 0.00	48.37 3.18 0.00	52.29 3.32 0.00	43.73 2.63 0.00	41.47 2.34 0.00	41.92 2.11 0.00	41.73 2.01 0.00	47.47 2.09 0.00
POLETTI____ 23519	27.29 0.72 4.42	33.84 0.77 0.00	27.68 0.74 0.00	29.43 0.77 0.00	31.97 0.84 0.00	32.59 0.95 0.00	42.74 1.20 0.00	46.86 1.61 0.00	38.59 1.83 0.00	35.81 1.89 -1.37	40.66 2.08 -5.35	70.23 1.24 -50.91	34.69 2.31 0.00	38.84 2.69 0.00	40.19 2.94 0.00	43.35 3.24 0.00	42.68 3.29 0.00	48.60 3.41 0.00	52.45 3.48 0.00	43.86 2.76 0.00	41.59 2.46 0.00	42.03 2.22 0.00	41.88 2.16 0.00	46.40 2.12 1.10
POMONA___ESR 323819	31.88 0.88 0.00	33.78 0.71 0.00	27.59 0.65 0.00	29.37 0.71 0.00	31.90 0.77 0.00	32.47 0.83 0.00	42.57 1.03 0.00	46.63 1.39 0.00	38.30 1.54 0.00	32.13 1.59 2.01	27.15 1.78 7.86	-55.70 1.03 74.81	34.31 1.94 0.00	38.51 2.36 0.00	39.86 2.62 0.00	43.06 2.96 0.00	42.36 2.97 0.00	48.29 3.10 0.00	52.17 3.20 0.00	43.57 2.47 0.00	41.33 2.21 0.00	41.79 1.98 0.00	41.62 1.90 0.00	47.35 1.97 0.00
PORT_JEFF_3 23555	48.79 1.18 -16.61	37.13 1.01 -3.05	29.44 0.92 -1.58	28.67 0.97 0.96	33.19 1.13 -0.94	35.79 1.25 -2.90	43.56 1.74 -0.28	47.12 1.88 0.00	38.83 2.07 0.00	35.83 1.92 -1.35	45.19 2.19 -9.78	73.96 1.26 -54.62	34.48 2.08 -0.03	38.43 2.40 0.12	49.57 2.47 -9.85	54.53 2.82 -11.61	72.16 2.83 -29.94	98.11 3.00 -49.92	70.11 2.94 -18.19	45.71 2.26 -2.36	41.34 2.21 0.00	41.68 1.87 0.00	41.38 1.61 -0.05	48.90 2.00 -1.52
PORT_JEFF_4 23616	48.79 1.18 -16.61	37.13 1.01 -3.05	29.44 0.92 -1.58	28.67 0.97 0.96	33.19 1.13 -0.94	35.79 1.25 -2.90	43.56 1.74 -0.28	47.12 1.88 0.00	38.83 2.07 0.00	35.83 1.92 -1.35	45.19 2.19 -9.78	73.96 1.26 -54.62	34.48 2.08 -0.03	38.43 2.40 0.12	49.57 2.47 -9.85	54.53 2.82 -11.61	72.16 2.83 -29.94	98.11 3.00 -49.92	70.11 2.94 -18.19	45.71 2.26 -2.36	41.34 2.21 0.00	41.68 1.87 0.00	41.38 1.61 -0.05	48.90 2.00 -1.52

PORT_JEFF_IC 23713	49.24 1.23 -17.01	37.28 1.05 -3.16	29.62 0.97 -1.71	28.84 1.03 0.85	33.34 1.18 -1.04	35.93 1.28 -3.00	43.64 1.81 -0.30	47.18 1.93 0.00	38.88 2.12 0.00	35.88 1.97 -1.35	45.40 2.24 -9.94	74.27 1.28 -54.91	34.79 2.17 -0.24	38.87 2.52 -0.20	50.36 2.60 -10.51	55.09 2.92 -12.07	73.37 2.86 -31.12	99.75 2.98 -51.58	70.15 2.92 -18.26	45.70 2.23 -2.37	41.46 2.33 0.00	41.79 1.97 0.00	41.46 1.69 -0.05	48.99 2.09 -1.53
PPL PILGRIM_ST_GT1 24216	51.06 1.43 -18.63	38.00 1.29 -3.65	30.41 1.15 -2.32	29.55 1.25 0.35	34.01 1.41 -1.48	36.61 1.51 -3.46	43.95 2.07 -0.34	47.50 2.26 0.00	39.16 2.39 0.00	36.11 2.20 -1.35	46.31 2.49 -10.58	75.50 1.36 -56.06	35.71 2.20 -1.14	40.13 2.50 -1.48	53.04 2.63 -13.16	57.05 3.02 -13.92	78.28 2.99 -35.90	106.49 3.04 -58.26	70.55 3.08 -18.50	46.05 2.55 -2.40	41.59 2.46 0.00	41.99 2.17 0.00	41.67 1.90 -0.05	49.26 2.34 -1.55
PPL PILGRIM_ST_GT2 24217	51.06 1.43 -18.63	38.00 1.29 -3.65	30.41 1.15 -2.32	29.55 1.25 0.35	34.01 1.41 -1.48	36.61 1.51 -3.46	43.95 2.07 -0.34	47.50 2.26 0.00	39.16 2.39 0.00	36.11 2.20 -1.35	46.31 2.49 -10.58	75.50 1.36 -56.06	35.71 2.20 -1.14	40.13 2.50 -1.48	53.04 2.63 -13.16	57.05 3.02 -13.92	78.28 2.99 -35.90	106.49 3.04 -58.26	70.55 3.08 -18.50	46.05 2.55 -2.40	41.59 2.46 0.00	41.99 2.17 0.00	41.67 1.90 -0.05	49.26 2.34 -1.55
PPL_SHRM_GT3 24213	48.59 0.79 -16.80	36.74 0.57 -3.11	29.14 0.55 -1.64	28.30 0.55 0.91	32.80 0.69 -0.98	35.47 0.88 -2.95	43.08 1.25 -0.29	46.52 1.28 0.00	38.34 1.58 0.00	35.39 1.48 -1.35	44.80 1.72 -9.85	73.84 1.01 -54.76	34.17 1.66 -0.13	38.11 1.93 -0.03	49.32 1.92 -10.16	54.20 2.27 -11.82	72.31 2.43 -30.49	98.55 2.66 -50.69	69.79 2.59 -18.22	45.41 1.95 -2.36	40.94 1.81 0.00	41.23 1.42 0.00	40.92 1.15 -0.05	48.33 1.43 -1.52
PPL_SHRM_GT4 24214	48.59 0.79 -16.80	36.74 0.57 -3.11	29.14 0.55 -1.64	28.30 0.55 0.91	32.80 0.69 -0.98	35.47 0.88 -2.95	43.08 1.25 -0.29	46.52 1.28 0.00	38.34 1.58 0.00	35.39 1.48 -1.35	44.80 1.72 -9.85	73.84 1.01 -54.76	34.17 1.66 -0.13	38.11 1.93 -0.03	49.32 1.92 -10.16	54.20 2.27 -11.82	72.31 2.43 -30.49	98.55 2.66 -50.69	69.79 2.59 -18.22	45.41 1.95 -2.36	40.94 1.81 0.00	41.23 1.42 0.00	40.92 1.15 -0.05	48.33 1.43 -1.52
PROJECT___ORANGE 1 24174	30.35 -0.65 0.00	32.35 -0.72 0.00	26.29 -0.65 0.00	28.02 -0.64 0.00	30.41 -0.71 0.00	30.97 -0.68 0.00	40.74 -0.80 0.00	44.26 -0.98 0.00	35.90 -0.86 0.00	31.78 -0.78 0.00	32.44 -0.79 0.00	17.62 -0.45 0.00	31.64 -0.74 0.00	35.35 -0.80 0.00	36.39 -0.86 0.00	39.18 -0.92 0.00	38.59 -0.80 0.00	44.31 -0.89 0.00	48.09 -0.88 0.00	40.40 -0.70 0.00	38.46 -0.67 0.00	39.06 -0.75 0.00	38.97 -0.75 0.00	44.59 -0.79 0.00
PROJECT___ORANGE 2 24166	30.35 -0.65 0.00	32.35 -0.72 0.00	26.29 -0.65 0.00	28.02 -0.64 0.00	30.41 -0.71 0.00	30.97 -0.68 0.00	40.74 -0.80 0.00	44.26 -0.98 0.00	35.90 -0.86 0.00	31.78 -0.78 0.00	32.44 -0.79 0.00	17.62 -0.45 0.00	31.64 -0.74 0.00	35.35 -0.80 0.00	36.39 -0.86 0.00	39.18 -0.92 0.00	38.59 -0.80 0.00	44.31 -0.89 0.00	48.09 -0.88 0.00	40.40 -0.70 0.00	38.46 -0.67 0.00	39.06 -0.75 0.00	38.97 -0.75 0.00	44.59 -0.79 0.00
PUCKETT___SOLAR 323809	31.01 0.01 0.00	33.13 0.06 0.00	26.83 -0.11 0.00	28.69 0.03 0.00	31.12 0.00 0.00	31.67 0.03 0.00	41.75 0.21 0.00	45.23 -0.01 0.00	36.44 -0.32 0.00	32.06 -0.50 0.00	32.62 -0.61 0.00	17.63 -0.46 0.00	31.65 -0.72 0.00	35.43 -0.72 0.00	36.44 -0.80 0.00	39.21 -0.89 0.00	38.67 -0.72 0.00	44.59 -0.60 0.00	48.78 -0.19 0.00	41.02 -0.08 0.00	38.96 -0.17 0.00	39.44 -0.37 0.00	39.40 -0.32 0.00	45.07 -0.31 0.00
PYRITES___HYD 24023	32.64 1.64 0.00	35.08 2.01 0.00	28.47 1.53 0.00	30.15 1.49 0.00	32.70 1.57 0.00	33.27 1.63 0.00	43.97 2.43 0.00	47.65 2.41 0.00	37.95 1.18 0.00	33.22 0.66 0.00	33.77 0.54 0.00	18.32 0.24 0.00	32.66 0.28 0.00	36.34 0.19 0.00	37.52 0.28 0.00	40.53 0.42 0.00	39.71 0.32 0.00	46.56 1.36 0.00	50.32 1.34 0.00	42.56 1.46 0.00	40.70 1.57 0.00	41.43 1.62 0.00	41.31 1.59 0.00	47.14 1.76 0.00
QUAKERRD_115KV_BK1 80622	29.45 -1.54 0.00	31.42 -1.64 0.00	25.44 -1.50 0.00	27.19 -1.47 0.00	29.45 -1.67 0.00	30.09 -1.55 0.00	39.76 -1.78 0.00	42.93 -2.32 0.00	34.62 -2.12 0.01	30.66 -1.88 0.02	31.26 -1.97 0.00	16.96 -1.12 0.00	30.47 -1.91 0.00	33.99 -2.16 0.00	34.97 -2.27 0.00	37.72 -2.38 0.00	37.15 -2.24 0.00	42.67 -2.52 0.00	46.37 -2.60 0.00	38.98 -2.12 0.00	36.25 -2.04 0.85	37.63 -2.14 0.04	37.63 -2.08 0.00	43.25 -2.13 0.00
QUENSBRY_115KV_TB8 356137	33.09 2.10 0.00	35.14 2.07 0.00	28.77 1.82 0.00	30.61 1.96 0.00	33.30 2.18 0.00	33.84 2.20 0.00	44.30 2.76 0.00	48.50 3.26 0.00	39.47 2.71 0.00	35.14 2.35 -0.23	36.33 2.18 -0.92	27.92 1.13 -8.71	34.28 1.90 0.00	37.97 1.82 0.00	38.94 1.69 0.00	41.86 1.76 0.00	41.43 2.04 0.00	47.57 2.38 0.00	51.94 2.97 0.00	43.50 2.40 0.00	41.57 2.44 0.00	42.32 2.51 0.00	42.21 2.49 0.00	48.55 3.17 0.00
RAMAPO___LBMP 323565	31.72 0.72 0.00	33.62 0.55 0.00	27.46 0.52 0.00	29.23 0.58 0.00	31.75 0.63 0.00	32.33 0.68 0.00	42.35 0.81 0.00	46.38 1.13 0.00	38.07 1.31 0.00	32.01 1.37 1.92	27.28 1.54 7.50	-52.33 0.89 71.31	34.08 1.70 0.00	38.24 2.09 0.00	39.57 2.33 0.00	42.73 2.63 0.00	42.04 2.65 0.00	47.89 2.69 0.00	51.76 2.79 0.00	43.27 2.17 0.00	41.03 1.90 0.00	41.52 1.70 0.00	41.34 1.63 0.00	47.09 1.71 0.00
RANKINE____ 23646	29.06 -1.94 0.00	31.13 -1.94 0.00	24.94 -2.01 0.00	26.89 -1.77 0.00	28.97 -2.16 0.00	29.67 -1.97 0.00	39.34 -2.20 0.00	41.88 -3.37 0.00	33.37 -3.36 0.03	26.47 -2.87 3.21	29.61 -3.04 0.58	13.81 -1.80 2.47	14.90 -2.97 14.51	17.51 -3.34 15.30	18.20 -3.52 15.52	20.23 -3.76 16.12	19.56 -3.84 15.99	23.45 -4.57 17.17	26.09 -4.82 18.06	27.81 -3.94 9.35	32.57 -3.73 2.83	35.83 -3.77 0.22	36.35 -3.37 0.00	42.55 -2.83 0.00
RAVENSWOOD_GT2_1 24244	32.09 1.09 0.00	33.94 0.87 0.00	27.74 0.80 0.00	29.51 0.86 0.00	32.06 0.93 0.00	32.68 1.04 0.00	42.85 1.31 0.00	46.96 1.71 0.00	38.67 1.91 0.00	35.87 1.95 -1.37	40.72 2.15 -5.35	70.20 1.27 -50.85	34.73 2.35 0.00	38.89 2.74 0.00	40.23 2.99 0.00	43.41 3.30 0.00	42.75 3.36 0.00	48.68 3.49 0.00	52.55 3.58 0.00	43.95 2.85 0.00	41.68 2.56 0.00	42.14 2.32 0.00	41.98 2.26 0.00	47.71 2.33 0.00
RAVENSWOOD_GT2_2 24245	32.09 1.09 0.00	33.94 0.87 0.00	27.74 0.80 0.00	29.51 0.86 0.00	32.06 0.93 0.00	32.68 1.04 0.00	42.85 1.31 0.00	46.96 1.71 0.00	38.67 1.91 0.00	35.87 1.95 -1.37	40.72 2.15 -5.35	70.20 1.27 -50.85	34.73 2.35 0.00	38.89 2.74 0.00	40.23 2.99 0.00	43.41 3.30 0.00	42.75 3.36 0.00	48.68 3.49 0.00	52.55 3.58 0.00	43.95 2.85 0.00	41.68 2.56 0.00	42.14 2.32 0.00	41.98 2.26 0.00	47.71 2.33 0.00



RAVENSWOOD_GT2_3 24246	32.11 1.11 0.00	33.95 0.89 0.00	27.75 0.81 0.00	29.52 0.86 0.00	32.07 0.95 0.00	32.69 1.05 0.00	42.87 1.33 0.00	46.99 1.75 0.00	38.70 1.94 0.00	35.89 1.97 -1.37	40.74 2.17 -5.35	70.21 1.28 -50.85	34.74 2.36 0.00	38.91 2.76 0.00	40.26 3.02 0.00	43.43 3.33 0.00	42.78 3.39 0.00	48.70 3.51 0.00	52.58 3.61 0.00	43.97 2.87 0.00	41.71 2.58 0.00	42.16 2.34 0.00	42.00 2.28 0.00	47.73 2.35 0.00
RAVENSWOOD_GT2_4 24247	32.11 1.11 0.00	33.95 0.89 0.00	27.75 0.81 0.00	29.52 0.86 0.00	32.07 0.95 0.00	32.69 1.05 0.00	42.87 1.33 0.00	46.99 1.75 0.00	38.70 1.94 0.00	35.89 1.97 -1.37	40.74 2.17 -5.35	70.21 1.28 -50.85	34.74 2.36 0.00	38.91 2.76 0.00	40.26 3.02 0.00	43.43 3.33 0.00	42.78 3.39 0.00	48.70 3.51 0.00	52.58 3.61 0.00	43.97 2.87 0.00	41.71 2.58 0.00	42.16 2.34 0.00	42.00 2.28 0.00	47.73 2.35 0.00
RAVENSWOOD_GT3_1 24248	32.09 1.10 0.00	33.94 0.87 0.00	27.74 0.80 0.00	29.51 0.86 0.00	32.06 0.93 0.00	32.68 1.04 0.00	42.85 1.31 0.00	46.96 1.71 0.00	38.67 1.91 0.00	35.87 1.95 -1.37	40.72 2.15 -5.35	70.20 1.27 -50.85	34.73 2.35 0.00	38.89 2.74 0.00	40.23 2.99 0.00	43.41 3.30 0.00	42.75 3.36 0.00	48.68 3.49 0.00	52.55 3.58 0.00	43.95 2.85 0.00	41.68 2.56 0.00	42.14 2.32 0.00	41.98 2.26 0.00	47.72 2.34 0.00
RAVENSWOOD_GT3_2 24249	32.09 1.10 0.00	33.94 0.87 0.00	27.74 0.80 0.00	29.51 0.86 0.00	32.06 0.93 0.00	32.68 1.04 0.00	42.85 1.31 0.00	46.96 1.71 0.00	38.67 1.91 0.00	35.87 1.95 -1.37	40.72 2.15 -5.35	70.20 1.27 -50.85	34.73 2.35 0.00	38.89 2.74 0.00	40.23 2.99 0.00	43.41 3.30 0.00	42.75 3.36 0.00	48.68 3.49 0.00	52.55 3.58 0.00	43.95 2.85 0.00	41.68 2.56 0.00	42.14 2.32 0.00	41.98 2.26 0.00	47.72 2.34 0.00
RAVENSWOOD_GT3_3 24250	32.14 1.14 0.00	33.99 0.92 0.00	27.78 0.84 0.00	29.55 0.89 0.00	32.11 0.98 0.00	32.73 1.08 0.00	42.92 1.38 0.00	47.05 1.80 0.00	38.74 1.98 0.00	35.93 2.02 -1.37	40.79 2.22 -5.35	70.24 1.31 -50.85	34.80 2.42 0.00	38.97 2.83 0.00	40.32 3.07 0.00	43.50 3.39 0.00	42.84 3.45 0.00	48.78 3.59 0.00	52.65 3.68 0.00	44.03 2.93 0.00	41.77 2.64 0.00	42.22 2.40 0.00	42.06 2.34 0.00	47.80 2.42 0.00
RAVENSWOOD_GT3_4 24251	32.14 1.14 0.00	33.99 0.92 0.00	27.78 0.84 0.00	29.55 0.89 0.00	32.11 0.98 0.00	32.73 1.08 0.00	42.92 1.38 0.00	47.05 1.80 0.00	38.74 1.98 0.00	35.93 2.02 -1.37	40.79 2.22 -5.35	70.24 1.31 -50.85	34.80 2.42 0.00	38.97 2.83 0.00	40.32 3.07 0.00	43.50 3.39 0.00	42.84 3.45 0.00	48.78 3.59 0.00	52.65 3.68 0.00	44.03 2.93 0.00	41.77 2.64 0.00	42.22 2.40 0.00	42.06 2.34 0.00	47.80 2.42 0.00
RAVENSWOOD_GT_1 23729	32.10 1.10 0.00	33.96 0.89 0.00	27.76 0.81 0.00	29.52 0.87 0.00	32.08 0.95 0.00	32.73 1.09 0.00	42.89 1.35 0.00	46.99 1.75 0.00	38.75 1.99 0.00	35.96 2.03 -1.37	40.78 2.20 -5.35	70.27 1.33 -50.85	34.78 2.41 0.00	38.96 2.81 0.00	40.33 3.08 0.00	43.48 3.37 0.00	42.83 3.45 0.00	48.71 3.52 0.00	52.58 3.61 0.00	43.99 2.89 0.00	41.77 2.64 0.00	42.23 2.41 0.00	42.10 2.38 0.00	47.71 2.33 0.00
RAVENSWOOD_GT_10 24258	32.10 1.10 0.00	33.94 0.87 0.00	27.74 0.80 0.00	29.51 0.86 0.00	32.06 0.93 0.00	32.68 1.04 0.00	42.85 1.31 0.00	46.96 1.72 0.00	38.67 1.91 0.00	35.87 1.95 -1.37	40.73 2.15 -5.35	70.20 1.27 -50.85	34.73 2.35 0.00	38.89 2.74 0.00	40.23 2.99 0.00	43.41 3.31 0.00	42.75 3.36 0.00	48.69 3.50 0.00	52.55 3.58 0.00	43.95 2.85 0.00	41.69 2.56 0.00	42.14 2.32 0.00	41.98 2.26 0.00	47.72 2.34 0.00
RAVENSWOOD_GT_11 24259	32.10 1.10 0.00	33.94 0.87 0.00	27.74 0.80 0.00	29.51 0.86 0.00	32.06 0.93 0.00	32.68 1.04 0.00	42.85 1.31 0.00	46.96 1.72 0.00	38.67 1.91 0.00	35.87 1.95 -1.37	40.73 2.15 -5.35	70.20 1.27 -50.85	34.73 2.35 0.00	38.89 2.74 0.00	40.23 2.99 0.00	43.41 3.31 0.00	42.75 3.36 0.00	48.69 3.50 0.00	52.55 3.58 0.00	43.95 2.85 0.00	41.69 2.56 0.00	42.14 2.32 0.00	41.98 2.26 0.00	47.72 2.34 0.00
RAVENSWOOD_GT_4 24252	32.10 1.10 0.00	33.94 0.87 0.00	27.74 0.80 0.00	29.51 0.86 0.00	32.06 0.93 0.00	32.68 1.04 0.00	42.85 1.31 0.00	46.96 1.72 0.00	38.67 1.91 0.00	35.87 1.95 -1.37	40.73 2.15 -5.35	70.20 1.27 -50.85	34.73 2.35 0.00	38.90 2.75 0.00	40.24 2.99 0.00	43.41 3.31 0.00	42.75 3.36 0.00	48.69 3.50 0.00	52.55 3.58 0.00	43.95 2.85 0.00	41.69 2.56 0.00	42.15 2.33 0.00	41.99 2.27 0.00	47.71 2.33 0.00
RAVENSWOOD_GT_5 24254	32.10 1.10 0.00	33.94 0.87 0.00	27.74 0.80 0.00	29.51 0.86 0.00	32.06 0.93 0.00	32.68 1.04 0.00	42.85 1.31 0.00	46.96 1.72 0.00	38.67 1.91 0.00	35.87 1.95 -1.37	40.73 2.15 -5.35	70.20 1.27 -50.85	34.73 2.35 0.00	38.90 2.75 0.00	40.24 2.99 0.00	43.41 3.31 0.00	42.75 3.36 0.00	48.69 3.50 0.00	52.55 3.58 0.00	43.95 2.85 0.00	41.69 2.56 0.00	42.15 2.33 0.00	41.99 2.27 0.00	47.71 2.33 0.00
RAVENSWOOD_GT_6 24253	32.10 1.10 0.00	33.94 0.87 0.00	27.74 0.80 0.00	29.51 0.86 0.00	32.06 0.93 0.00	32.68 1.04 0.00	42.85 1.31 0.00	46.96 1.72 0.00	38.67 1.91 0.00	35.87 1.95 -1.37	40.73 2.15 -5.35	70.20 1.27 -50.85	34.73 2.35 0.00	38.90 2.75 0.00	40.24 2.99 0.00	43.41 3.31 0.00	42.75 3.36 0.00	48.69 3.50 0.00	52.55 3.58 0.00	43.95 2.85 0.00	41.69 2.56 0.00	42.15 2.33 0.00	41.99 2.27 0.00	47.71 2.33 0.00
RAVENSWOOD_GT_7 24255	32.10 1.10 0.00	33.94 0.87 0.00	27.74 0.80 0.00	29.51 0.86 0.00	32.06 0.93 0.00	32.68 1.04 0.00	42.85 1.31 0.00	46.96 1.72 0.00	38.67 1.91 0.00	35.87 1.95 -1.37	40.73 2.15 -5.35	70.20 1.27 -50.85	34.73 2.35 0.00	38.90 2.75 0.00	40.24 2.99 0.00	43.41 3.31 0.00	42.75 3.36 0.00	48.69 3.50 0.00	52.55 3.58 0.00	43.95 2.85 0.00	41.69 2.56 0.00	42.15 2.33 0.00	41.99 2.27 0.00	47.71 2.33 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.10 1.10 0.00	33.94 0.87 0.00	27.74 0.80 0.00	29.51 0.86 0.00	32.06 0.93 0.00	32.68 1.04 0.00	42.85 1.31 0.00	46.96 1.72 0.00	38.67 1.91 0.00	35.87 1.95 -1.37	40.73 2.15 -5.35	70.20 1.27 -50.85	34.73 2.35 0.00	38.89 2.74 0.00	40.23 2.99 0.00	43.41 3.31 0.00	42.75 3.36 0.00	48.69 3.50 0.00	52.55 3.58 0.00	43.95 2.85 0.00	41.69 2.56 0.00	42.14 2.32 0.00	41.98 2.26 0.00	47.72 2.34 0.00
RAVENSWOOD_GT_9 24257	32.10 1.10 0.00	33.94 0.87 0.00	27.74 0.80 0.00	29.51 0.86 0.00	32.06 0.93 0.00	32.68 1.04 0.00	42.85 1.31 0.00	46.96 1.72 0.00	38.67 1.91 0.00	35.87 1.95 -1.37	40.73 2.15 -5.35	70.20 1.27 -50.85	34.73 2.35 0.00	38.89 2.74 0.00	40.23 2.99 0.00	43.41 3.31 0.00	42.75 3.36 0.00	48.69 3.50 0.00	52.55 3.58 0.00	43.95 2.85 0.00	41.69 2.56 0.00	42.14 2.32 0.00	41.98 2.26 0.00	47.72 2.34 0.00

RAVENSWOOD___1 23533	32.10 1.10 0.00	33.96 0.89 0.00	27.76 0.81 0.00	29.52 0.86 0.00	32.08 0.95 0.00	32.73 1.09 0.00	42.89 1.35 0.00	46.99 1.75 0.00	38.75 1.99 0.00	35.96 2.04 -1.37	40.79 2.21 -5.35	70.26 1.33 -50.85	34.78 2.41 0.00	38.96 2.81 0.00	40.33 3.08 0.00	43.46 3.36 0.00	42.82 3.43 0.00	48.70 3.51 0.00	52.58 3.61 0.00	43.98 2.89 0.00	41.76 2.63 0.00	42.22 2.41 0.00	42.10 2.39 0.00	47.71 2.33 0.00
RAVENSWOOD___2 23534	32.10 1.10 0.00	33.96 0.89 0.00	27.76 0.81 0.00	29.52 0.86 0.00	32.08 0.95 0.00	32.73 1.09 0.00	42.89 1.35 0.00	46.99 1.75 0.00	38.75 1.99 0.00	35.96 2.04 -1.37	40.79 2.21 -5.35	70.26 1.33 -50.85	34.78 2.41 0.00	38.96 2.81 0.00	40.33 3.08 0.00	43.46 3.36 0.00	42.82 3.43 0.00	48.70 3.51 0.00	52.58 3.61 0.00	43.98 2.89 0.00	41.76 2.63 0.00	42.22 2.41 0.00	42.10 2.39 0.00	47.71 2.33 0.00
RAVENSWOOD___3 23535	32.10 1.10 0.00	33.94 0.87 0.00	27.74 0.80 0.00	29.51 0.86 0.00	32.06 0.94 0.00	32.68 1.04 0.00	42.85 1.31 0.00	46.96 1.72 0.00	38.68 1.92 0.00	35.87 1.95 -1.37	40.73 2.15 -5.35	70.20 1.27 -50.85	34.73 2.35 0.00	38.89 2.74 0.00	40.23 2.99 0.00	43.40 3.30 0.00	42.75 3.36 0.00	48.68 3.49 0.00	52.55 3.58 0.00	43.95 2.85 0.00	41.68 2.56 0.00	42.13 2.32 0.00	41.98 2.27 0.00	47.72 2.34 0.00
RAVENSWOOD___4 23820	32.10 1.10 0.00	33.96 0.89 0.00	27.76 0.81 0.00	29.52 0.86 0.00	32.08 0.95 0.00	32.73 1.09 0.00	42.89 1.35 0.00	46.99 1.75 0.00	38.75 1.99 0.00	35.96 2.04 -1.37	40.79 2.21 -5.35	70.26 1.33 -50.85	34.78 2.41 0.00	38.96 2.81 0.00	40.33 3.08 0.00	43.46 3.36 0.00	42.82 3.43 0.00	48.70 3.51 0.00	52.58 3.61 0.00	43.98 2.89 0.00	41.76 2.63 0.00	42.22 2.41 0.00	42.10 2.39 0.00	47.71 2.33 0.00
RCPL_TRUST___DRP 24196	32.10 1.10 0.00	33.94 0.87 0.00	27.73 0.79 0.00	29.50 0.85 0.00	32.05 0.92 0.00	32.68 1.04 0.00	42.87 1.33 0.00	47.00 1.75 0.00	38.70 1.94 0.00	35.91 1.98 -1.37	40.77 2.19 -5.36	70.33 1.29 -50.96	34.78 2.40 0.00	38.95 2.79 0.00	40.29 3.05 0.00	43.46 3.35 0.00	42.80 3.41 0.00	48.73 3.54 0.00	52.61 3.64 0.00	44.00 2.90 0.00	41.72 2.60 0.00	42.15 2.34 0.00	42.00 2.28 0.00	47.73 2.34 0.00
RED___ROCHESTER 323720	30.14 -0.85 0.00	32.17 -0.90 0.00	25.99 -0.95 0.00	27.81 -0.84 0.00	30.11 -1.02 0.00	30.79 -0.85 0.00	40.79 -0.75 0.00	43.94 -1.31 0.00	35.38 -1.36 0.02	31.34 -1.19 0.02	31.97 -1.26 0.00	17.35 -0.73 0.00	31.23 -1.15 0.00	34.84 -1.31 0.00	35.84 -1.41 0.00	38.69 -1.42 0.00	38.12 -1.27 0.00	43.71 -1.49 0.00	47.53 -1.44 0.00	39.94 -1.16 0.00	37.05 -1.13 0.95	38.51 -1.25 0.05	38.53 -1.19 0.00	44.34 -1.04 0.00
REGAN___SOLAR 323812	32.36 1.37 0.00	34.46 1.39 0.00	28.05 1.10 0.00	29.82 1.16 0.00	32.43 1.30 0.00	33.02 1.37 0.00	43.48 1.94 0.00	47.16 1.91 0.00	37.55 0.79 0.00	32.74 0.00 -0.18	33.71 -0.23 -0.72	24.79 -0.06 -6.77	32.36 -0.02 0.00	36.54 0.39 0.00	37.15 -0.10 0.00	40.18 0.08 0.00	39.46 0.07 0.00	45.93 0.73 0.00	50.84 1.87 0.00	43.20 2.10 0.00	41.11 1.98 0.00	41.70 1.88 0.00	41.55 1.83 0.00	47.44 2.06 0.00
RENSSELAER___COGEN 23796	31.14 0.14 0.00	33.05 -0.02 0.00	27.21 0.27 0.00	28.88 0.23 0.00	31.38 0.25 0.00	31.84 0.19 0.00	41.55 0.01 0.00	45.48 0.23 0.00	37.25 0.49 0.00	33.30 0.50 -0.25	34.70 0.49 -0.99	27.74 0.34 -9.33	32.86 0.49 0.00	36.66 0.51 0.00	37.83 0.59 0.00	40.76 0.66 0.00	40.17 0.78 0.00	45.99 0.79 0.00	49.77 0.80 0.00	41.51 0.42 0.00	39.50 0.37 0.00	40.25 0.43 0.00	40.13 0.41 0.00	45.82 0.44 0.00
REPUBLIC_115KV_BARTNBK 55605	34.67 3.67 0.00	36.74 3.67 0.00	30.16 3.21 0.00	32.21 3.55 0.00	34.97 3.84 0.00	35.50 3.86 0.00	46.36 4.82 0.00	50.85 5.60 0.00	41.29 4.53 0.00	36.78 3.99 -0.24	38.04 3.89 -0.92	28.82 1.99 -8.75	35.92 3.55 0.00	39.68 3.53 0.00	40.79 3.55 0.00	43.89 3.79 0.00	43.56 4.17 0.00	49.82 4.63 0.00	54.44 5.47 0.00	45.71 4.61 0.00	43.88 4.76 0.00	44.86 5.05 0.00	44.85 5.13 0.00	50.83 5.45 0.00
REVERE_CPPR_DRP 24186	31.88 0.88 0.00	34.05 0.98 0.00	27.64 0.70 0.00	29.35 0.70 0.00	31.80 0.67 0.00	32.38 0.74 0.00	42.66 1.12 0.00	46.40 1.16 0.00	37.50 0.74 0.00	33.06 0.51 0.00	33.60 0.37 0.00	18.15 0.07 0.00	32.44 0.07 0.00	36.43 0.28 0.00	37.53 0.28 0.00	40.36 0.26 0.00	39.80 0.40 0.00	46.04 0.85 0.00	50.57 1.60 0.00	42.52 1.42 0.00	40.38 1.25 0.00	40.90 1.09 0.00	40.74 1.03 0.00	46.56 1.17 0.00
REYNLDPA_13_KV_LD 356490	31.73 0.73 0.00	34.03 0.96 0.00	27.64 0.69 0.00	29.32 0.66 0.00	31.82 0.70 0.00	32.34 0.70 0.00	42.61 1.07 0.00	46.32 1.08 0.00	37.39 0.63 0.00	32.99 0.44 0.00	33.64 0.41 0.00	18.31 0.23 0.00	32.70 0.32 0.00	36.43 0.28 0.00	37.51 0.26 0.00	40.39 0.28 0.00	39.59 0.20 0.00	45.61 0.42 0.00	49.29 0.32 0.00	41.43 0.33 0.00	39.55 0.43 0.00	40.35 0.54 0.00	40.28 0.56 0.00	46.02 0.64 0.00
REYNOLDS_115KV_TB3 80639	31.39 0.39 0.00	33.32 0.25 0.00	27.42 0.48 0.00	29.11 0.45 0.00	31.63 0.51 0.00	32.10 0.46 0.00	41.86 0.32 0.00	45.85 0.60 0.00	37.52 0.76 0.00	33.57 0.76 -0.26	35.04 0.78 -1.04	28.37 0.49 -9.81	33.14 0.76 0.00	36.97 0.82 0.00	38.14 0.89 0.00	41.08 0.98 0.00	40.50 1.11 0.00	46.33 1.14 0.00	50.12 1.15 0.00	42.00 0.90 0.00	40.04 0.91 0.00	40.62 0.81 0.00	40.44 0.72 0.00	46.12 0.74 0.00
RIVERBAY____ 323610	32.93 1.93 0.00	34.88 1.81 0.00	28.53 1.58 0.00	30.35 1.69 0.00	32.99 1.87 0.00	33.70 2.06 0.00	44.16 2.62 0.00	48.34 3.09 0.00	39.80 3.04 0.00	36.87 2.95 -1.37	41.64 3.06 -5.35	70.74 1.80 -50.85	35.64 3.26 0.00	40.00 3.85 0.00	41.38 4.14 0.00	44.60 4.49 0.00	43.99 4.60 0.00	49.98 4.79 0.00	53.96 4.99 0.00	45.18 4.08 0.00	42.90 3.78 0.00	43.38 3.57 0.00	43.33 3.61 0.00	49.15 3.76 0.00
RIVERSDE_115KV_TB3 55908	31.30 0.30 0.00	33.21 0.15 0.00	27.34 0.40 0.00	29.01 0.36 0.00	31.53 0.40 0.00	32.00 0.36 0.00	41.74 0.20 0.00	45.71 0.47 0.00	37.43 0.67 0.00	33.47 0.66 -0.26	34.91 0.67 -1.01	28.07 0.45 -9.55	33.04 0.66 0.00	36.86 0.71 0.00	38.05 0.80 0.00	41.00 0.90 0.00	40.41 1.02 0.00	46.24 1.05 0.00	50.02 1.05 0.00	41.76 0.67 0.00	39.76 0.64 0.00	40.44 0.62 0.00	40.33 0.61 0.00	46.03 0.65 0.00
ROARING___BROOK_WT_PWR 323790	30.99 -0.01 0.00	33.09 0.02 0.00	26.94 0.00 0.00	28.59 -0.07 0.00	31.00 -0.13 0.00	31.44 -0.20 0.00	41.34 -0.20 0.00	45.11 -0.14 0.00	36.63 -0.13 0.00	32.42 -0.13 0.00	33.02 -0.21 0.00	17.88 -0.20 0.00	31.90 -0.48 0.00	35.55 -0.60 0.00	36.57 -0.68 0.00	39.35 -0.75 0.00	38.67 -0.72 0.00	44.62 -0.57 0.00	48.53 -0.44 0.00	40.69 -0.41 0.00	38.61 -0.52 0.00	39.14 -0.68 0.00	39.02 -0.70 0.00	44.82 -0.56 0.00

ROCHESRG_115KV_T4 355643	29.86 -1.14 0.00	31.88 -1.19 0.00	25.77 -1.18 0.00	27.58 -1.08 0.00	29.86 -1.27 0.00	30.52 -1.12 0.00	40.34 -1.20 0.00	43.48 -1.77 0.00	35.01 -1.73 0.02	31.02 -1.52 0.02	31.62 -1.61 0.00	17.16 -0.92 0.00	30.83 -1.54 0.00	34.40 -1.75 0.00	35.39 -1.86 0.00	38.16 -1.94 0.00	37.55 -1.84 0.00	43.07 -2.12 0.00	46.83 -2.14 0.00	39.37 -1.72 0.00	36.57 -1.64 0.93	38.02 -1.74 0.05	38.08 -1.64 0.00	43.87 -1.52 0.00
ROCHESTER_9_IC 23652	30.02 -0.98 0.00	32.04 -1.03 0.00	25.90 -1.05 0.00	27.71 -0.94 0.00	30.00 -1.12 0.00	30.67 -0.97 0.00	40.59 -0.95 0.00	43.73 -1.51 0.00	35.20 -1.54 0.02	31.19 -1.35 0.02	31.80 -1.43 0.00	17.26 -0.82 0.00	31.02 -1.36 0.00	34.61 -1.54 0.00	35.60 -1.64 0.00	38.42 -1.69 0.00	37.81 -1.58 0.00	43.37 -1.82 0.00	47.16 -1.81 0.00	39.65 -1.44 0.00	36.80 -1.39 0.95	38.27 -1.49 0.05	38.31 -1.40 0.00	44.10 -1.28 0.00
ROCKVIEW_13_KV_LD 356306	32.16 1.15 0.00	34.03 0.96 0.00	27.80 0.86 0.00	29.58 0.93 0.00	32.15 1.02 0.00	32.74 1.10 0.00	42.94 1.40 0.00	47.07 1.83 0.00	38.71 1.95 0.00	35.88 1.96 -1.37	40.73 2.15 -5.35	70.22 1.25 -50.88	34.69 2.32 0.00	38.84 2.70 0.00	40.19 2.95 0.00	43.38 3.28 0.00	42.74 3.35 0.00	48.72 3.53 0.00	52.59 3.62 0.00	43.97 2.87 0.00	41.71 2.58 0.00	42.17 2.36 0.00	42.00 2.28 0.00	47.78 2.40 0.00
ROME____115KV_TB2 80656	31.88 0.88 0.00	34.05 0.98 0.00	27.64 0.70 0.00	29.35 0.70 0.00	31.80 0.67 0.00	32.38 0.74 0.00	42.66 1.12 0.00	46.40 1.16 0.00	37.50 0.74 0.00	33.06 0.51 0.00	33.60 0.37 0.00	18.15 0.07 0.00	32.44 0.07 0.00	36.43 0.28 0.00	37.53 0.28 0.00	40.36 0.26 0.00	39.80 0.40 0.00	46.04 0.85 0.00	50.57 1.60 0.00	42.52 1.42 0.00	40.38 1.25 0.00	40.90 1.09 0.00	40.74 1.03 0.00	46.56 1.17 0.00
ROSETON___1 23587	31.59 0.59 0.00	33.53 0.46 0.00	27.39 0.45 0.00	29.16 0.50 0.00	31.69 0.56 0.00	32.23 0.59 0.00	42.21 0.67 0.00	46.18 0.93 0.00	37.83 1.07 0.00	32.71 1.11 0.96	30.72 1.24 3.74	-16.64 0.72 35.44	33.77 1.39 0.00	37.82 1.68 0.00	39.09 1.85 0.00	42.16 2.06 0.00	41.47 2.08 0.00	47.29 2.10 0.00	51.15 2.18 0.00	42.79 1.69 0.00	40.63 1.50 0.00	41.13 1.32 0.00	40.99 1.27 0.00	46.75 1.37 0.00
ROSETON___2 23588	31.59 0.59 0.00	33.53 0.46 0.00	27.39 0.45 0.00	29.16 0.50 0.00	31.69 0.56 0.00	32.23 0.59 0.00	42.21 0.67 0.00	46.18 0.93 0.00	37.83 1.07 0.00	32.71 1.11 0.96	30.72 1.24 3.74	-16.64 0.72 35.44	33.77 1.39 0.00	37.82 1.68 0.00	39.09 1.85 0.00	42.16 2.06 0.00	41.47 2.08 0.00	47.29 2.10 0.00	51.15 2.18 0.00	42.79 1.69 0.00	40.63 1.50 0.00	41.13 1.32 0.00	40.99 1.27 0.00	46.75 1.37 0.00
ROTRRDAM_115KV_TB3 80664	31.65 0.66 0.00	33.70 0.63 0.00	27.54 0.59 0.00	29.29 0.63 0.00	31.84 0.72 0.00	32.37 0.73 0.00	42.38 0.84 0.00	46.24 1.00 0.00	37.62 0.86 0.00	33.53 0.76 -0.22	34.85 0.77 -0.85	26.59 0.43 -8.08	33.14 0.76 0.00	37.00 0.85 0.00	38.12 0.88 0.00	41.05 0.95 0.00	40.43 1.04 0.00	46.38 1.18 0.00	50.33 1.37 0.00	42.22 1.12 0.00	40.18 1.05 0.00	40.82 1.00 0.00	40.71 0.99 0.00	46.52 1.13 0.00
RUSSELL___1 23602	30.14 -0.85 0.00	32.17 -0.90 0.00	26.00 -0.95 0.00	27.82 -0.84 0.00	30.11 -1.01 0.00	30.79 -0.85 0.00	40.79 -0.75 0.00	43.93 -1.31 0.00	35.38 -1.36 0.02	31.34 -1.20 0.02	31.96 -1.27 0.00	17.35 -0.73 0.00	31.19 -1.19 0.00	34.80 -1.35 0.00	35.79 -1.45 0.00	38.64 -1.47 0.00	38.04 -1.35 0.00	43.64 -1.55 0.00	47.48 -1.49 0.00	39.91 -1.19 0.00	37.05 -1.14 0.95	38.51 -1.26 0.05	38.53 -1.19 0.00	44.34 -1.04 0.00
RUSSELL___2 23532	30.14 -0.85 0.00	32.17 -0.90 0.00	26.00 -0.95 0.00	27.82 -0.84 0.00	30.11 -1.01 0.00	30.79 -0.85 0.00	40.79 -0.75 0.00	43.93 -1.31 0.00	35.38 -1.36 0.02	31.34 -1.20 0.02	31.96 -1.27 0.00	17.35 -0.73 0.00	31.19 -1.19 0.00	34.80 -1.35 0.00	35.79 -1.45 0.00	38.64 -1.47 0.00	38.04 -1.35 0.00	43.64 -1.55 0.00	47.48 -1.49 0.00	39.91 -1.19 0.00	37.05 -1.14 0.95	38.51 -1.26 0.05	38.53 -1.19 0.00	44.34 -1.04 0.00
RUSSELL___3 23549	30.14 -0.85 0.00	32.17 -0.90 0.00	26.00 -0.95 0.00	27.82 -0.84 0.00	30.11 -1.01 0.00	30.79 -0.85 0.00	40.79 -0.75 0.00	43.93 -1.31 0.00	35.38 -1.36 0.02	31.34 -1.20 0.02	31.96 -1.27 0.00	17.35 -0.73 0.00	31.19 -1.19 0.00	34.80 -1.35 0.00	35.79 -1.45 0.00	38.64 -1.47 0.00	38.04 -1.35 0.00	43.64 -1.55 0.00	47.48 -1.49 0.00	39.91 -1.19 0.00	37.05 -1.14 0.95	38.51 -1.26 0.05	38.53 -1.19 0.00	44.34 -1.04 0.00
RUSSELL___4 23556	30.14 -0.85 0.00	32.17 -0.90 0.00	26.00 -0.95 0.00	27.82 -0.84 0.00	30.11 -1.01 0.00	30.79 -0.85 0.00	40.79 -0.75 0.00	43.93 -1.31 0.00	35.38 -1.36 0.02	31.34 -1.20 0.02	31.96 -1.27 0.00	17.35 -0.73 0.00	31.19 -1.19 0.00	34.80 -1.35 0.00	35.79 -1.45 0.00	38.64 -1.47 0.00	38.04 -1.35 0.00	43.64 -1.55 0.00	47.48 -1.49 0.00	39.91 -1.19 0.00	37.05 -1.14 0.95	38.51 -1.26 0.05	38.53 -1.19 0.00	44.34 -1.04 0.00
RUSSELL___STATION 23914	30.14 -0.85 0.00	32.17 -0.90 0.00	26.00 -0.95 0.00	27.82 -0.84 0.00	30.11 -1.01 0.00	30.79 -0.85 0.00	40.79 -0.75 0.00	43.93 -1.31 0.00	35.38 -1.36 0.02	31.34 -1.20 0.02	31.96 -1.27 0.00	17.35 -0.73 0.00	31.19 -1.19 0.00	34.80 -1.35 0.00	35.79 -1.45 0.00	38.64 -1.47 0.00	38.04 -1.35 0.00	43.64 -1.55 0.00	47.48 -1.49 0.00	39.91 -1.19 0.00	37.05 -1.14 0.95	38.51 -1.26 0.05	38.53 -1.19 0.00	44.34 -1.04 0.00
S SALMON___HYD 24043	30.75 -0.25 0.00	32.83 -0.24 0.00	26.65 -0.29 0.00	28.25 -0.41 0.00	30.60 -0.53 0.00	31.13 -0.51 0.00	40.91 -0.63 0.00	44.68 -0.56 0.00	36.15 -0.61 0.00	31.94 -0.61 0.00	32.47 -0.76 0.00	17.49 -0.59 0.00	31.16 -1.22 0.00	34.75 -1.40 0.00	35.93 -1.32 0.00	38.62 -1.48 0.00	37.93 -1.46 0.00	43.93 -1.27 0.00	48.21 -0.76 0.00	40.59 -0.51 0.00	38.61 -0.51 0.00	39.13 -0.69 0.00	39.05 -0.66 0.00	44.69 -0.69 0.00
S.PERRY___115KV_TB1 80734	30.75 -0.24 0.00	32.85 -0.21 0.00	26.44 -0.50 0.00	28.37 -0.29 0.00	30.65 -0.47 0.00	31.39 -0.25 0.00	41.55 0.01 0.00	44.48 -0.77 0.00	35.48 -1.24 0.04	40.66 -1.35 -9.46	33.28 -1.67 -1.72	24.46 -0.98 -7.36	74.03 -1.63 -43.28	79.85 -1.94 -45.64	81.47 -2.07 -46.30	86.26 -2.10 -48.25	85.63 -1.66 -47.91	94.90 -1.88 -51.58	101.70 -1.58 -54.30	68.38 -0.88 -28.16	38.57 -0.77 -0.21	39.14 -0.89 -0.22	39.07 -0.65 0.00	45.19 -0.19 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.84 -2.16 0.00	30.88 -2.19 0.00	24.76 -2.18 0.00	26.70 -1.96 0.00	28.77 -2.36 0.00	29.48 -2.16 0.00	39.09 -2.45 0.00	41.57 -3.67 0.00	33.12 -3.61 0.03	26.37 -3.05 3.13	29.43 -3.24 0.56	13.80 -1.88 2.41	15.09 -3.13 14.16	17.65 -3.57 14.93	18.32 -3.78 15.14	20.36 -4.06 15.68	19.69 -4.15 15.56	23.55 -4.94 16.69	26.18 -5.23 17.56	27.72 -4.28 9.09	32.39 -4.05 2.69	35.50 -4.11 0.21	36.04 -3.68 0.00	42.18 -3.20 0.00

SAWYER___23_KV_LOAD	28.84	30.88	24.76	26.70	28.77	29.48	39.09	41.57	33.12	26.37	29.43	13.80	15.09	17.65	18.32	20.36	19.69	23.55	26.18	27.72	32.39	35.50	36.04	42.18
55526	-2.16	-2.19	-2.18	-1.96	-2.36	-2.16	-2.45	-3.67	-3.61	-3.05	-3.24	-1.88	-3.13	-3.57	-3.78	-4.06	-4.15	-4.94	-5.23	-4.28	-4.05	-4.11	-3.68	-3.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	3.13	0.56	2.41	14.16	14.93	15.14	15.68	15.56	16.69	17.56	9.09	2.69	0.21	0.00	0.00
SELKIRK___I 23801	31.49	33.48	27.46	29.21	31.75	32.22	42.11	45.97	37.53	33.45	34.72	26.19	32.96	36.75	37.91	40.85	40.26	46.17	50.08	41.96	39.91	40.58	40.50	46.27
	0.49	0.41	0.52	0.56	0.63	0.58	0.57	0.73	0.77	0.69	0.68	0.40	0.58	0.60	0.66	0.75	0.87	0.98	1.11	0.87	0.79	0.77	0.78	0.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.21	-0.81	-7.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SELKIRK___II 23799	31.29	33.25	27.29	29.00	31.52	32.00	41.81	45.71	37.37	33.39	34.77	27.12	32.99	36.82	37.99	40.92	40.30	46.13	49.93	41.76	39.72	40.40	40.30	46.03
	0.29	0.19	0.35	0.35	0.40	0.36	0.27	0.47	0.62	0.60	0.62	0.39	0.61	0.67	0.74	0.82	0.91	0.94	0.96	0.67	0.59	0.58	0.58	0.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.23	-0.91	-8.65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SENECA OSWGO___HYD 24041	30.15	32.13	26.13	27.84	30.22	30.75	40.44	43.98	35.70	31.59	32.22	17.50	31.39	35.06	36.12	38.88	38.28	43.99	47.74	40.14	38.22	38.84	38.73	44.27
	-0.85	-0.93	-0.81	-0.82	-0.91	-0.89	-1.10	-1.27	-1.06	-0.97	-1.01	-0.58	-0.99	-1.09	-1.13	-1.22	-1.11	-1.20	-1.23	-0.96	-0.91	-0.97	-0.99	-1.11
	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
SENECA___115KV_TB3 355854	29.11	31.17	24.97	26.93	29.00	29.72	39.40	41.94	33.42	26.52	29.65	13.84	14.96	17.56	18.26	20.30	19.63	23.52	26.18	27.87	32.63	35.88	36.41	42.61
	-1.89	-1.90	-1.97	-1.73	-2.12	-1.92	-2.14	-3.31	-3.31	-2.82	-3.00	-1.77	-2.91	-3.29	-3.47	-3.68	-3.77	-4.50	-4.73	-3.87	-3.67	-3.72	-3.31	-2.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	3.21	0.58	2.47	14.51	15.30	15.52	16.12	15.99	17.17	18.06	9.35	2.83	0.22	0.00	0.00
SENECA___ENERGY 23797	30.32	32.35	26.19	27.96	30.32	30.93	40.80	44.17	35.67	32.12	32.16	17.88	34.15	37.96	38.95	41.87	41.28	47.41	51.52	42.14	38.09	38.84	38.78	44.39
	-0.68	-0.72	-0.75	-0.70	-0.81	-0.71	-0.74	-1.07	-1.09	-1.08	-1.18	-0.69	-1.14	-1.27	-1.41	-1.49	-1.33	-1.26	-1.15	-0.89	-0.87	-0.98	-0.94	-1.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	-0.64	-0.12	-0.49	-2.91	-3.07	-3.12	-3.25	-3.23	-3.48	-3.69	-1.93	0.16	-0.01	0.00	0.00
SHOEMAKER___GT 23640	31.59	33.53	27.38	29.14	31.67	32.22	42.21	46.16	37.79	32.17	28.72	-34.54	33.63	37.67	38.98	42.06	41.35	47.21	51.11	42.80	40.63	41.15	40.99	46.73
	0.59	0.46	0.44	0.49	0.54	0.58	0.67	0.92	1.03	1.05	1.11	0.62	1.25	1.52	1.73	1.95	1.96	2.02	2.14	1.70	1.50	1.34	1.28	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.44	5.62	53.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHOEMAKR_138KV_BK 111 55601	31.58	33.52	27.37	29.14	31.66	32.20	42.19	46.14	37.78	32.20	28.89	-33.08	33.66	37.72	39.02	42.10	41.39	47.23	51.11	42.80	40.63	41.14	40.98	46.72
	0.58	0.45	0.42	0.48	0.53	0.56	0.65	0.90	1.02	1.05	1.13	0.64	1.28	1.57	1.77	1.99	2.00	2.04	2.14	1.70	1.50	1.33	1.27	1.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.40	5.47	51.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SHOREHAM_IC_1 23715	48.59	36.74	29.14	28.30	32.80	35.47	43.08	46.52	38.34	35.39	44.80	73.84	34.17	38.11	49.32	54.20	72.31	98.55	69.79	45.41	40.94	41.23	40.92	48.33
	0.79	0.57	0.55	0.55	0.69	0.88	1.25	1.28	1.58	1.48	1.72	1.01	1.66	1.93	1.92	2.27	2.43	2.66	2.59	1.95	1.81	1.42	1.15	1.43
	-16.80	-3.11	-1.64	0.91	-0.98	-2.95	-0.29	0.00	0.00	-1.35	-9.85	-54.76	-0.13	-0.03	-10.16	-11.82	-30.49	-50.69	-18.22	-2.36	0.00	0.00	-0.05	-1.52
SHOREHAM_IC_2 23716	48.61	36.76	29.17	28.34	32.83	35.48	43.12	46.54	38.34	35.39	44.80	73.83	34.19	38.13	49.34	54.20	72.33	98.55	69.79	45.41	40.95	41.24	40.93	48.33
	0.81	0.58	0.58	0.59	0.72	0.88	1.30	1.29	1.58	1.48	1.72	0.99	1.68	1.96	1.94	2.27	2.45	2.66	2.59	1.95	1.82	1.42	1.16	1.43
	-16.80	-3.11	-1.64	0.91	-0.98	-2.95	-0.29	0.00	0.00	-1.35	-9.85	-54.76	-0.13	-0.03	-10.16	-11.82	-30.49	-50.69	-18.22	-2.36	0.00	0.00	-0.05	-1.52
SISSONVILLE____ 23735	32.16	34.56	28.06	29.70	32.20	32.73	43.17	46.89	37.63	33.11	33.67	18.23	32.49	36.14	37.27	40.16	39.34	45.76	49.63	41.80	39.90	40.62	40.54	46.31
	1.17	1.49	1.12	1.04	1.07	1.08	1.64	1.64	0.87	0.56	0.45	0.15	0.11	0.00	0.02	0.06	-0.05	0.57	0.66	0.70	0.77	0.80	0.82	0.93
	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
SITHE_IND_GS1 24169	29.83	31.80	25.87	27.55	29.91	30.44	40.02	43.49	35.30	31.25	31.88	17.33	31.07	34.69	35.71	38.46	37.84	43.42	47.11	39.59	37.72	38.35	38.26	43.73
	-1.17	-1.27	-1.07	-1.11	-1.21	-1.20	-1.52	-1.76	-1.46	-1.31	-1.35	-0.75	-1.30	-1.46	-1.53	-1.65	-1.55	-1.77	-1.86	-1.51	-1.41	-1.46	-1.45	-1.65
	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
SITHE_IND_GS2 24170	29.83	31.80	25.87	27.55	29.91	30.44	40.02	43.49	35.30	31.25	31.88	17.33	31.07	34.69	35.71	38.46	37.84	43.42	47.11	39.59	37.72	38.35	38.26	43.73
	-1.17	-1.27	-1.07	-1.11	-1.21	-1.20	-1.52	-1.76	-1.46	-1.31	-1.35	-0.75	-1.30	-1.46	-1.53	-1.65	-1.55	-1.77	-1.86	-1.51	-1.41	-1.46	-1.45	-1.65
	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
SITHE_IND_GS3 24171	29.83	31.80	25.87	27.55	29.91	30.44	40.02	43.49	35.30	31.25	31.88	17.33	31.07	34.69	35.71	38.46	37.84	43.42	47.11	39.59	37.72	38.35	38.26	43.73
	-1.17	-1.27	-1.07	-1.11	-1.21	-1.20	-1.52	-1.76	-1.46	-1.31	-1.35	-0.75	-1.30	-1.46	-1.53	-1.65	-1.55	-1.77	-1.86	-1.51	-1.41	-1.46	-1.45	-1.65
	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
SITHE_IND_GS4 24172	29.83	31.80	25.87	27.55	29.91	30.44	40.02	43.49	35.30	31.25	31.88	17.33	31.07	34.69	35.71	38.46	37.84	43.42	47.11	39.59	37.72	38.35	38.26	43.73
	-1.17	-1.27	-1.07	-1.11	-1.21	-1.20	-1.52	-1.76	-1.46	-1.31	-1.35	-0.75	-1.30	-1.46	-1.53	-1.65	-1.55	-1.77	-1.86	-1.51	-1.41	-1.46	-1.45	-1.65
	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

SITHE___BATAVIA 24024	29.94 -1.06 0.00	31.98 -1.09 0.00	25.71 -1.23 0.00	27.64 -1.02 0.00	29.84 -1.28 0.00	30.62 -1.02 0.00	40.69 -0.85 0.00	43.48 -1.76 0.00	34.66 -2.08 0.02	29.08 -1.94 1.53	30.66 -2.29 0.27	15.61 -1.30 1.18	23.44 -2.03 6.90	26.54 -2.33 7.28	27.36 -2.50 7.39	29.84 -2.61 7.66	29.32 -2.48 7.60	34.11 -2.93 8.15	37.62 -2.79 8.57	34.53 -2.13 4.43	35.31 -2.05 1.77	37.55 -2.14 0.12	37.82 -1.90 0.00	43.93 -1.46 0.00
SITHE___INDEPEND 23800	29.83 -1.17 0.00	31.80 -1.27 0.00	25.87 -1.07 0.00	27.55 -1.11 0.00	29.91 -1.21 0.00	30.44 -1.20 0.00	40.02 -1.52 0.00	43.49 -1.76 0.00	35.30 -1.46 0.00	31.25 -1.30 0.00	31.88 -1.34 0.00	17.33 -0.75 0.00	31.07 -1.31 0.00	34.68 -1.47 0.00	35.71 -1.54 0.00	38.45 -1.65 0.00	37.83 -1.56 0.00	43.42 -1.77 0.00	47.11 -1.86 0.00	39.59 -1.51 0.00	37.72 -1.41 0.00	38.35 -1.46 0.00	38.26 -1.46 0.00	43.73 -1.65 0.00
SITHE___MASSENA 23902	31.81 0.81 0.00	34.13 1.06 0.00	27.72 0.77 0.00	29.40 0.74 0.00	31.90 0.78 0.00	32.44 0.79 0.00	42.73 1.20 0.00	46.44 1.20 0.00	37.43 0.67 0.00	33.01 0.46 0.00	33.65 0.42 0.00	18.30 0.22 0.00	32.66 0.29 0.00	36.39 0.24 0.00	37.48 0.23 0.00	40.36 0.26 0.00	39.55 0.16 0.00	45.66 0.47 0.00	49.35 0.38 0.00	41.51 0.41 0.00	39.64 0.51 0.00	40.41 0.60 0.00	40.35 0.64 0.00	46.09 0.71 0.00
SITHE___OGDNSBRG 24021	32.51 1.51 0.00	34.94 1.87 0.00	28.35 1.41 0.00	30.02 1.37 0.00	32.58 1.45 0.00	33.16 1.52 0.00	43.81 2.27 0.00	47.48 2.23 0.00	37.82 1.06 0.00	33.18 0.62 0.00	33.77 0.54 0.00	18.34 0.26 0.00	32.72 0.34 0.00	36.41 0.26 0.00	37.57 0.33 0.00	40.55 0.44 0.00	39.77 0.38 0.00	46.47 1.27 0.00	50.16 1.19 0.00	42.40 1.31 0.00	40.57 1.44 0.00	41.34 1.52 0.00	41.22 1.50 0.00	47.03 1.66 0.00
SITHE___STERLING 23777	31.54 0.54 0.00	33.65 0.58 0.00	27.34 0.39 0.00	29.07 0.42 0.00	31.53 0.41 0.00	32.10 0.46 0.00	42.26 0.72 0.00	45.94 0.69 0.00	37.15 0.39 0.00	32.78 0.22 0.00	33.38 0.15 0.00	18.08 0.00 0.00	32.38 0.00 0.00	36.27 0.12 0.00	37.36 0.12 0.00	40.19 0.09 0.00	39.64 0.25 0.00	45.69 0.50 0.00	50.02 1.05 0.00	42.06 0.96 0.00	39.97 0.85 0.00	40.54 0.72 0.00	40.39 0.67 0.00	46.18 0.80 0.00
SLEIGHT__34_KV_TB1 80719	30.03 -0.97 0.00	32.03 -1.04 0.00	25.93 -1.01 0.00	27.68 -0.97 0.00	30.01 -1.11 0.00	30.68 -0.96 0.00	40.54 -1.00 0.00	43.84 -1.40 0.00	35.32 -1.43 0.01	31.23 -1.31 0.01	31.79 -1.44 0.00	17.26 -0.82 0.00	31.04 -1.34 0.00	34.60 -1.54 0.00	35.58 -1.66 0.00	38.38 -1.73 0.00	37.82 -1.57 0.00	43.65 -1.55 0.00	47.48 -1.49 0.00	39.92 -1.18 0.00	37.48 -1.15 0.50	38.52 -1.27 0.03	38.44 -1.28 0.00	44.10 -1.28 0.00
SMITHTWN_69_KV_BK 1 55830	49.69 1.40 -17.30	37.52 1.22 -3.24	29.84 1.09 -1.80	29.04 1.17 0.78	33.55 1.33 -1.10	36.14 1.42 -3.07	43.84 2.00 -0.30	47.41 2.16 0.00	39.08 2.32 0.00	36.09 2.18 -1.35	45.75 2.46 -10.06	74.61 1.41 -55.12	35.23 2.44 -0.41	39.43 2.85 -0.43	51.22 2.97 -11.00	55.88 3.36 -12.41	74.81 3.40 -32.02	101.63 3.60 -52.83	70.85 3.57 -18.32	46.22 2.75 -2.37	41.82 2.69 0.00	42.12 2.31 0.00	41.79 2.02 -0.05	49.33 2.42 -1.53
SOUTH CAIRO___GT 23612	32.12 1.12 0.00	34.09 1.02 0.00	27.99 1.05 0.00	29.74 1.08 0.00	32.32 1.20 0.00	32.84 1.20 0.00	43.02 1.49 0.00	47.16 1.92 0.00	38.44 1.68 0.00	34.05 1.37 -0.13	34.87 1.14 -0.50	23.57 0.65 -4.84	33.27 0.90 0.00	37.04 0.89 0.00	38.24 1.00 0.00	41.34 1.24 0.00	40.84 1.45 0.00	47.10 1.91 0.00	51.36 2.39 0.00	43.16 2.06 0.00	41.11 1.98 0.00	41.75 1.94 0.00	41.54 1.83 0.00	47.39 2.01 0.00
SOUTH HAMPTN___IC 23720	48.75 1.10 -16.65	37.03 0.90 -3.06	29.28 0.74 -1.59	28.42 0.72 0.95	33.03 0.95 -0.95	35.85 1.31 -2.91	43.63 1.80 -0.29	46.89 1.64 0.00	38.61 1.85 0.00	35.70 1.79 -1.35	45.07 2.05 -9.79	73.93 1.20 -54.65	34.52 2.10 -0.04	38.46 2.40 0.09	49.45 2.29 -9.91	54.40 2.65 -11.65	72.24 2.81 -30.04	98.49 3.23 -50.07	70.33 3.16 -18.20	45.82 2.36 -2.36	41.32 2.19 0.00	41.56 1.75 0.00	41.24 1.47 -0.05	48.65 1.75 -1.52
SOUTHDOW_115KV_TB1 355954	29.76 -1.24 0.00	31.85 -1.22 0.00	25.37 -1.57 0.00	27.34 -1.32 0.00	29.50 -1.63 0.00	30.17 -1.47 0.00	40.12 -1.42 0.00	42.81 -2.44 0.00	34.21 -2.51 0.04	29.13 -1.87 1.56	30.81 -2.15 0.28	15.32 -1.58 1.18	23.16 -2.29 6.93	26.54 -2.30 7.31	27.46 -2.37 7.42	29.38 -2.64 8.09	28.34 -2.87 8.18	31.39 -3.65 10.15	34.80 -3.49 10.68	32.85 -2.72 5.53	33.77 -2.62 2.74	36.97 -2.66 0.18	37.26 -2.45 0.00	43.74 -1.64 0.00
SOUTHOLD_69_KV_BK 2 55809	48.94 1.28 -16.66	37.20 1.07 -3.06	29.31 0.77 -1.59	28.36 0.66 0.95	33.12 1.04 -0.95	36.24 1.69 -2.91	44.10 2.28 -0.29	46.89 1.65 0.00	38.57 1.81 0.00	35.72 1.81 -1.35	45.06 2.04 -9.79	73.94 1.20 -54.66	34.70 2.27 -0.05	38.58 2.51 0.08	48.82 1.66 -9.92	53.71 1.95 -11.65	71.67 2.22 -30.06	98.71 3.43 -50.09	70.51 3.34 -18.20	45.93 2.47 -2.36	41.35 2.22 0.00	41.56 1.75 0.00	41.23 1.46 -0.05	48.55 1.65 -1.52
SOUTHOLD___IC 23719	48.92 1.26 -16.66	37.19 1.06 -3.06	29.28 0.74 -1.59	28.32 0.61 0.95	33.09 1.01 -0.95	36.23 1.68 -2.91	44.06 2.24 -0.29	46.89 1.64 0.00	38.57 1.81 0.00	35.71 1.80 -1.35	45.07 2.04 -9.79	73.95 1.22 -54.66	34.69 2.26 -0.05	38.56 2.49 0.08	48.80 1.64 -9.92	53.71 1.95 -11.65	71.65 2.20 -30.06	98.71 3.43 -50.09	70.51 3.34 -18.20	45.92 2.46 -2.36	41.34 2.21 0.00	41.56 1.75 0.00	41.22 1.45 -0.05	48.55 1.65 -1.52
SOUTH_FORK_WT_PWR 323839	48.71 1.06 -16.65	36.98 0.85 -3.06	29.02 0.48 -1.59	27.96 0.26 0.95	32.82 0.74 -0.95	36.16 1.61 -2.91	43.93 2.11 -0.29	46.39 1.15 0.00	38.10 1.35 0.00	35.31 1.40 -1.35	44.64 1.62 -9.79	73.73 1.00 -54.65	34.34 1.92 -0.05	38.20 2.14 0.08	48.70 1.54 -9.92	53.56 1.81 -11.65	71.46 2.01 -30.05	98.07 2.80 -50.08	69.84 2.67 -18.20	45.34 1.88 -2.36	40.78 1.65 0.00	40.99 1.18 0.00	40.64 0.87 -0.05	47.88 0.98 -1.52
SPIERFLS_115KV_TB 1 80737	32.91 1.92 0.00	34.96 1.89 0.00	28.60 1.66 0.00	30.44 1.79 0.00	33.11 1.99 0.00	33.65 2.01 0.00	44.08 2.54 0.00	48.23 2.98 0.00	39.23 2.47 0.00	34.93 2.15 -0.23	36.09 1.94 -0.92	27.78 1.02 -8.68	34.05 1.67 0.00	37.71 1.56 0.00	38.64 1.40 0.00	41.54 1.43 0.00	41.08 1.69 0.00	47.19 2.00 0.00	51.55 2.58 0.00	43.19 2.10 0.00	41.24 2.11 0.00	41.97 2.16 0.00	41.85 2.14 0.00	48.29 2.91 0.00
ST LAWRENCE____ 23600	31.36 0.36 0.00	33.61 0.54 0.00	27.32 0.38 0.00	29.00 0.34 0.00	31.47 0.34 0.00	31.98 0.34 0.00	42.10 0.57 0.00	45.79 0.54 0.00	37.01 0.25 0.00	32.68 0.13 0.00	33.33 0.10 0.00	18.13 0.05 0.00	32.40 0.02 0.00	36.09 -0.06 0.00	37.16 -0.09 0.00	40.00 -0.10 0.00	39.19 -0.20 0.00	45.11 -0.08 0.00	48.78 -0.19 0.00	40.99 -0.11 0.00	39.12 -0.01 0.00	39.90 0.09 0.00	39.84 0.12 0.00	45.50 0.12 0.00

STATE_CA_115KV_115_LB 55624	31.32 0.32 0.00	33.24 0.17 0.00	27.35 0.41 0.00	29.02 0.37 0.00	31.53 0.40 0.00	32.00 0.36 0.00	41.79 0.25 0.00	45.75 0.50 0.00	37.46 0.70 0.00	33.47 0.67 -0.25	34.88 0.67 -0.97	27.76 0.45 -9.23	33.06 0.68 0.00	36.89 0.74 0.00	38.09 0.84 0.00	41.05 0.95 0.00	40.47 1.08 0.00	46.34 1.15 0.00	50.13 1.16 0.00	41.85 0.75 0.00	39.84 0.71 0.00	40.51 0.70 0.00	40.37 0.65 0.00	46.10 0.72 0.00
STATE_ST_34_KV_LOAD 55959	30.71 -0.28 0.00	32.77 -0.29 0.00	26.60 -0.34 0.00	28.28 -0.38 0.00	30.67 -0.45 0.00	31.34 -0.30 0.00	41.31 -0.23 0.00	44.80 -0.44 0.00	36.24 -0.53 -0.01	32.00 -0.57 -0.01	32.59 -0.64 0.00	17.68 -0.40 0.00	31.79 -0.59 0.00	35.53 -0.62 0.00	36.40 -0.85 0.00	39.20 -0.91 0.00	38.66 -0.73 0.00	44.74 -0.46 0.00	48.64 -0.33 0.00	40.89 -0.21 0.00	39.52 -0.23 -0.62	39.54 -0.30 -0.03	39.29 -0.43 0.00	44.91 -0.47 0.00
STATION_5_MISC_HYD 23604	30.02 -0.98 0.00	32.04 -1.03 0.00	25.89 -1.05 0.00	27.71 -0.94 0.00	29.99 -1.13 0.00	30.67 -0.97 0.00	40.58 -0.96 0.00	43.73 -1.51 0.00	35.20 -1.54 0.02	31.19 -1.35 0.02	31.81 -1.42 0.00	17.26 -0.81 0.00	31.04 -1.34 0.00	34.65 -1.50 0.00	35.66 -1.59 0.00	38.46 -1.64 0.00	37.88 -1.51 0.00	43.42 -1.77 0.00	47.20 -1.77 0.00	39.68 -1.42 0.00	36.81 -1.38 0.95	38.28 -1.48 0.05	38.31 -1.41 0.00	44.11 -1.27 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.12 -0.88 0.00	32.14 -0.93 0.00	26.01 -0.94 0.00	27.80 -0.85 0.00	30.13 -1.00 0.00	30.76 -0.88 0.00	40.64 -0.90 0.00	43.90 -1.35 0.00	35.41 -1.33 0.02	31.30 -1.23 0.02	31.89 -1.34 0.00	17.30 -0.78 0.00	31.07 -1.30 0.00	34.67 -1.48 0.00	35.66 -1.59 0.00	38.47 -1.63 0.00	37.93 -1.46 0.00	43.65 -1.55 0.00	47.49 -1.48 0.00	39.91 -1.19 0.00	36.92 -1.14 1.07	38.50 -1.26 0.06	38.54 -1.18 0.00	44.21 -1.17 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.88 -1.12 0.00	31.89 -1.18 0.00	25.78 -1.16 0.00	27.58 -1.08 0.00	29.86 -1.26 0.00	30.52 -1.12 0.00	40.37 -1.17 0.00	43.55 -1.70 0.00	35.08 -1.66 0.02	31.07 -1.47 0.02	31.69 -1.54 0.00	17.20 -0.88 0.00	30.90 -1.48 0.00	34.48 -1.67 0.00	35.48 -1.76 0.00	38.28 -1.82 0.00	37.70 -1.69 0.00	43.26 -1.94 0.00	47.02 -1.95 0.00	39.53 -1.57 0.00	36.69 -1.51 0.93	38.15 -1.62 0.05	38.17 -1.55 0.00	43.91 -1.47 0.00
STA_56___34_KV_BUS2 355983	29.88 -1.12 0.00	31.89 -1.18 0.00	25.78 -1.16 0.00	27.58 -1.08 0.00	29.86 -1.26 0.00	30.52 -1.12 0.00	40.37 -1.17 0.00	43.55 -1.70 0.00	35.08 -1.66 0.02	31.07 -1.47 0.02	31.69 -1.54 0.00	17.20 -0.88 0.00	30.90 -1.48 0.00	34.48 -1.67 0.00	35.48 -1.76 0.00	38.28 -1.82 0.00	37.70 -1.69 0.00	43.26 -1.94 0.00	47.02 -1.95 0.00	39.53 -1.57 0.00	36.69 -1.51 0.93	38.15 -1.62 0.05	38.17 -1.55 0.00	43.91 -1.47 0.00
STA_67___115KV_BK2 355882	29.96 -1.04 0.00	31.98 -1.09 0.00	25.84 -1.10 0.00	27.66 -1.00 0.00	29.95 -1.18 0.00	30.61 -1.03 0.00	40.49 -1.05 0.00	43.63 -1.61 0.00	35.13 -1.62 0.02	31.12 -1.41 0.02	31.74 -1.50 0.00	17.22 -0.86 0.00	30.94 -1.44 0.00	34.51 -1.63 0.00	35.52 -1.73 0.00	38.31 -1.79 0.00	37.71 -1.68 0.00	43.25 -1.95 0.00	47.03 -1.94 0.00	39.54 -1.56 0.00	36.70 -1.48 0.94	38.18 -1.59 0.05	38.22 -1.50 0.00	44.01 -1.38 0.00
STA_7___115KV_9TRANS 80674	30.14 -0.85 0.00	32.17 -0.90 0.00	26.00 -0.95 0.00	27.82 -0.84 0.00	30.11 -1.01 0.00	30.79 -0.85 0.00	40.79 -0.75 0.00	43.93 -1.31 0.00	35.38 -1.36 0.02	31.34 -1.20 0.02	31.96 -1.27 0.00	17.35 -0.73 0.00	31.19 -1.19 0.00	34.80 -1.35 0.00	35.79 -1.45 0.00	38.64 -1.47 0.00	38.04 -1.35 0.00	43.64 -1.55 0.00	47.48 -1.49 0.00	39.91 -1.19 0.00	37.05 -1.14 0.95	38.51 -1.26 0.05	38.53 -1.19 0.00	44.34 -1.04 0.00
STA_82___115KV_TB1 80780	29.96 -1.04 0.00	31.98 -1.09 0.00	25.85 -1.10 0.00	27.67 -0.99 0.00	29.95 -1.18 0.00	30.61 -1.03 0.00	40.50 -1.04 0.00	43.64 -1.60 0.00	35.13 -1.62 0.02	31.12 -1.41 0.02	31.73 -1.50 0.00	17.22 -0.86 0.00	30.94 -1.44 0.00	34.51 -1.63 0.00	35.51 -1.73 0.00	38.31 -1.79 0.00	37.72 -1.67 0.00	43.26 -1.94 0.00	47.04 -1.93 0.00	39.55 -1.55 0.00	36.69 -1.48 0.96	38.19 -1.58 0.05	38.23 -1.49 0.00	44.02 -1.36 0.00
STEEL___WIND 323596	29.07 -1.92 0.00	31.14 -1.93 0.00	24.94 -2.00 0.00	26.89 -1.76 0.00	28.95 -2.17 0.00	29.67 -1.97 0.00	39.34 -2.20 0.00	41.89 -3.36 0.00	33.37 -3.36 0.03	26.45 -2.89 3.21	29.59 -3.06 0.58	13.79 -1.81 2.47	14.95 -2.92 14.51	17.56 -3.29 15.30	18.26 -3.47 15.52	20.30 -3.69 16.12	19.65 -3.75 15.99	23.54 -4.48 17.17	26.15 -4.76 18.06	27.83 -3.92 9.35	32.54 -3.75 2.83	35.81 -3.78 0.22	36.32 -3.39 0.00	42.56 -2.83 0.00
STEPHTWN_115KV_BK_2 55603	31.47 0.47 0.00	33.34 0.28 0.00	27.41 0.46 0.00	29.12 0.46 0.00	31.62 0.50 0.00	32.11 0.47 0.00	42.04 0.51 0.00	46.03 0.79 0.00	37.62 0.86 0.00	33.62 0.81 -0.25	35.05 0.84 -0.99	27.92 0.51 -9.33	33.21 0.83 0.00	37.02 0.87 0.00	38.27 1.03 0.00	41.23 1.13 0.00	40.69 1.30 0.00	46.67 1.47 0.00	50.48 1.51 0.00	42.08 0.99 0.00	40.00 0.88 0.00	40.80 0.98 0.00	40.59 0.87 0.00	46.38 1.00 0.00
STEBEN_REC_LFGE 323667	30.04 -0.96 0.00	32.17 -0.89 0.00	25.80 -1.15 0.00	27.69 -0.97 0.00	29.90 -1.23 0.00	30.47 -1.17 0.00	39.95 -1.59 0.00	42.12 -3.12 0.00	33.60 -3.06 0.10	35.95 -2.65 -6.04	31.39 -2.95 -1.11	20.97 -1.84 -4.72	56.85 -3.32 -27.80	61.60 -3.86 -29.31	63.00 -3.98 -29.74	66.98 -4.08 -30.96	66.23 -3.90 -30.73	74.00 -4.25 -33.06	79.87 -4.01 -34.91	56.02 -3.25 -18.17	31.99 -3.09 4.05	36.50 -3.24 0.08	37.43 -2.29 0.00	43.77 -1.62 0.00
STILLWATER___SOLAR 323814	32.41 1.41 0.00	34.45 1.39 0.00	28.20 1.26 0.00	29.99 1.34 0.00	32.63 1.50 0.00	33.14 1.50 0.00	43.38 1.84 0.00	47.43 2.19 0.00	38.59 1.83 0.00	34.39 1.59 -0.24	35.72 1.54 -0.95	27.88 0.81 -8.98	33.77 1.39 0.00	37.59 1.44 0.00	38.70 1.46 0.00	41.68 1.57 0.00	41.21 1.82 0.00	47.31 2.12 0.00	51.45 2.48 0.00	43.09 1.99 0.00	41.06 1.93 0.00	41.77 1.96 0.00	41.62 1.90 0.00	47.60 2.22 0.00
STONY___BROOK 24151	49.39 1.28 -17.12	37.36 1.11 -3.19	29.68 0.98 -1.75	28.88 1.04 0.82	33.39 1.20 -1.06	36.00 1.33 -3.03	43.69 1.86 -0.30	47.26 2.01 0.00	38.96 2.20 0.00	35.97 2.06 -1.35	45.54 2.33 -9.98	74.42 1.35 -54.99	34.96 2.28 -0.31	39.08 2.65 -0.28	50.68 2.75 -10.69	55.40 3.11 -12.19	73.91 3.07 -31.45	100.49 3.26 -52.03	70.45 3.20 -18.28	45.93 2.46 -2.37	41.61 2.48 0.00	41.92 2.11 0.00	41.59 1.82 -0.05	49.13 2.22 -1.53
STURGEON_POOL_HYD 23609	31.80 0.80 0.00	33.73 0.66 0.00	27.55 0.60 0.00	29.33 0.68 0.00	31.89 0.76 0.00	32.43 0.79 0.00	42.49 0.95 0.00	46.53 1.28 0.00	38.17 1.41 0.00	33.80 1.43 0.18	34.11 1.59 0.71	12.60 0.92 6.39	34.08 1.70 0.00	38.16 2.01 0.00	39.45 2.21 0.00	42.59 2.49 0.00	41.92 2.53 0.00	47.83 2.64 0.00	51.69 2.72 0.00	43.25 2.15 0.00	41.05 1.92 0.00	41.53 1.72 0.00	41.35 1.64 0.00	47.13 1.75 0.00

ST_LAW_115_BK7_LBMP 345037	31.42 0.42 0.00	33.68 0.61 0.00	27.37 0.42 0.00	29.03 0.38 0.00	31.52 0.39 0.00	32.03 0.39 0.00	42.18 0.64 0.00	45.87 0.62 0.00	37.04 0.28 0.00	32.70 0.14 0.00	33.34 0.11 0.00	18.15 0.07 0.00	32.40 0.03 0.00	36.10 -0.05 0.00	37.17 -0.08 0.00	40.00 -0.10 0.00	39.20 -0.19 0.00	45.14 -0.05 0.00	48.80 -0.17 0.00	41.02 -0.08 0.00	39.17 0.04 0.00	39.96 0.15 0.00	39.88 0.17 0.00	45.57 0.19 0.00
ST_LAW_115_BK8_LBMP 345038	31.42 0.42 0.00	33.68 0.61 0.00	27.37 0.42 0.00	29.03 0.38 0.00	31.52 0.39 0.00	32.03 0.39 0.00	42.18 0.64 0.00	45.87 0.62 0.00	37.04 0.28 0.00	32.70 0.14 0.00	33.34 0.11 0.00	18.15 0.07 0.00	32.40 0.03 0.00	36.10 -0.05 0.00	37.17 -0.08 0.00	40.00 -0.10 0.00	39.20 -0.19 0.00	45.14 -0.05 0.00	48.80 -0.17 0.00	41.02 -0.08 0.00	39.17 0.04 0.00	39.96 0.15 0.00	39.88 0.17 0.00	45.57 0.19 0.00
ST_LAW_230_BK5_LBMP 345035	31.36 0.36 0.00	33.61 0.54 0.00	27.32 0.38 0.00	29.00 0.34 0.00	31.47 0.34 0.00	31.98 0.34 0.00	42.10 0.57 0.00	45.79 0.54 0.00	37.01 0.25 0.00	32.68 0.13 0.00	33.33 0.10 0.00	18.13 0.05 0.00	32.40 0.02 0.00	36.09 -0.06 0.00	37.16 -0.09 0.00	40.00 -0.10 0.00	39.19 -0.20 0.00	45.11 -0.08 0.00	48.78 -0.19 0.00	40.99 -0.11 0.00	39.12 -0.01 0.00	39.90 0.09 0.00	39.84 0.12 0.00	45.50 0.12 0.00
ST_LAW_230_BK6_LBMP 345036	31.36 0.36 0.00	33.61 0.54 0.00	27.32 0.38 0.00	29.00 0.34 0.00	31.47 0.34 0.00	31.98 0.34 0.00	42.10 0.57 0.00	45.79 0.54 0.00	37.01 0.25 0.00	32.68 0.13 0.00	33.33 0.10 0.00	18.13 0.05 0.00	32.40 0.02 0.00	36.09 -0.06 0.00	37.16 -0.09 0.00	40.00 -0.10 0.00	39.19 -0.20 0.00	45.11 -0.08 0.00	48.78 -0.19 0.00	40.99 -0.11 0.00	39.12 -0.01 0.00	39.90 0.09 0.00	39.84 0.12 0.00	45.50 0.12 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.68 0.68 0.00	33.60 0.54 0.00	27.45 0.50 0.00	29.21 0.56 0.00	31.74 0.61 0.00	32.30 0.66 0.00	42.31 0.77 0.00	46.29 1.05 0.00	37.96 1.20 0.00	32.23 1.24 1.57	28.50 1.39 6.13	-39.15 0.81 58.04	33.94 1.56 0.00	38.07 1.92 0.00	39.37 2.13 0.00	42.51 2.40 0.00	41.81 2.42 0.00	47.66 2.47 0.00	51.54 2.57 0.00	43.10 2.00 0.00	40.89 1.76 0.00	41.37 1.56 0.00	41.21 1.49 0.00	46.96 1.58 0.00
SWANROAD_115KV_TB1 355699	28.47 -2.53 0.00	30.45 -2.61 0.00	24.45 -2.50 0.00	26.37 -2.29 0.00	28.40 -2.72 0.00	29.14 -2.50 0.00	38.65 -2.89 0.00	40.87 -4.37 0.00	32.47 -4.26 0.03	26.48 -3.57 2.50	28.92 -3.87 0.45	14.05 -2.11 1.92	17.63 -3.46 11.29	20.23 -4.01 11.90	20.89 -4.27 12.08	22.94 -4.63 12.53	22.15 -4.80 12.44	26.02 -5.82 13.35	28.69 -6.24 14.04	28.68 -5.14 7.27	31.91 -4.86 2.36	34.77 -4.87 0.18	35.37 -4.35 0.00	41.54 -3.85 0.00
SYNERGY___BIOGAS 323694	29.94 -1.06 0.00	31.98 -1.09 0.00	25.71 -1.23 0.00	27.64 -1.01 0.00	29.84 -1.28 0.00	30.63 -1.01 0.00	40.69 -0.85 0.00	43.48 -1.76 0.00	34.66 -2.08 0.02	29.08 -1.94 1.53	30.66 -2.30 0.27	15.60 -1.31 1.18	23.38 -2.10 6.90	26.45 -2.42 7.28	27.28 -2.58 7.39	29.74 -2.70 7.66	29.22 -2.57 7.60	34.01 -3.03 8.15	37.53 -2.87 8.57	34.49 -2.18 4.43	35.30 -2.05 1.77	37.53 -2.16 0.12	37.83 -1.89 0.00	43.93 -1.46 0.00
SYRACUSE___ENERGY_ST1 323597	30.50 -0.49 0.00	32.52 -0.54 0.00	26.43 -0.51 0.00	28.16 -0.50 0.00	30.57 -0.56 0.00	31.12 -0.52 0.00	40.95 -0.59 0.00	44.50 -0.75 0.00	36.06 -0.70 0.00	31.90 -0.65 0.00	32.55 -0.68 0.00	17.68 -0.40 0.00	31.73 -0.65 0.00	35.46 -0.69 0.00	36.49 -0.76 0.00	39.31 -0.80 0.00	38.73 -0.66 0.00	44.55 -0.65 0.00	48.38 -0.59 0.00	40.65 -0.45 0.00	38.69 -0.44 0.00	39.30 -0.51 0.00	39.17 -0.55 0.00	44.78 -0.60 0.00
SYRACUSE___ENERGY_ST2 323598	30.50 -0.49 0.00	32.52 -0.54 0.00	26.43 -0.51 0.00	28.16 -0.50 0.00	30.57 -0.56 0.00	31.12 -0.52 0.00	40.95 -0.59 0.00	44.50 -0.75 0.00	36.06 -0.70 0.00	31.90 -0.65 0.00	32.55 -0.68 0.00	17.68 -0.40 0.00	31.73 -0.65 0.00	35.46 -0.69 0.00	36.49 -0.76 0.00	39.31 -0.80 0.00	38.73 -0.66 0.00	44.55 -0.65 0.00	48.38 -0.59 0.00	40.65 -0.45 0.00	38.69 -0.44 0.00	39.30 -0.51 0.00	39.17 -0.55 0.00	44.78 -0.60 0.00
SYRACUSE___POWER 24017	30.50 -0.49 0.00	32.52 -0.55 0.00	26.43 -0.52 0.00	28.16 -0.50 0.00	30.57 -0.56 0.00	31.12 -0.52 0.00	40.95 -0.59 0.00	44.49 -0.76 0.00	36.07 -0.70 -0.01	31.91 -0.65 -0.01	32.56 -0.67 0.00	17.69 -0.39 0.00	31.75 -0.63 0.00	35.48 -0.67 0.00	36.53 -0.72 0.00	39.34 -0.77 0.00	38.75 -0.64 0.00	44.53 -0.66 0.00	48.37 -0.60 0.00	40.64 -0.46 0.00	39.11 -0.44 -0.42	39.29 -0.54 -0.02	39.17 -0.54 0.00	44.82 -0.57 0.00
TALLMAN__138KV_BK151 55660	31.82 0.82 0.00	33.72 0.65 0.00	27.54 0.59 0.00	29.31 0.66 0.00	31.84 0.71 0.00	32.42 0.78 0.00	42.49 0.94 0.00	46.54 1.29 0.00	38.22 1.46 0.00	32.17 1.52 1.90	27.50 1.71 7.44	-51.67 0.99 70.74	34.26 1.88 0.00	38.46 2.31 0.00	39.80 2.55 0.00	43.00 2.90 0.00	42.28 2.89 0.00	48.19 3.00 0.00	52.07 3.10 0.00	43.48 2.38 0.00	41.26 2.13 0.00	41.70 1.89 0.00	41.53 1.81 0.00	47.26 1.88 0.00
TEALLAVE_115KV_TB7 355573	30.35 -0.65 0.00	32.34 -0.72 0.00	26.29 -0.65 0.00	28.01 -0.64 0.00	30.41 -0.72 0.00	30.95 -0.69 0.00	40.73 -0.81 0.00	44.25 -0.99 0.00	35.89 -0.87 0.00	31.77 -0.79 0.00	32.43 -0.80 0.00	17.62 -0.46 0.00	31.61 -0.76 0.00	35.32 -0.83 0.00	36.37 -0.88 0.00	39.15 -0.96 0.00	38.55 -0.84 0.00	44.28 -0.91 0.00	48.07 -0.89 0.00	40.39 -0.71 0.00	38.44 -0.69 0.00	39.04 -0.77 0.00	38.95 -0.77 0.00	44.58 -0.80 0.00
TELEGRAPH_34_KV_EAST 80808	29.22 -1.78 0.00	31.25 -1.82 0.00	25.10 -1.84 0.00	27.02 -1.63 0.00	29.15 -1.98 0.00	29.90 -1.74 0.00	39.69 -1.85 0.00	42.21 -3.03 0.00	33.62 -3.11 0.03	27.82 -2.70 2.03	29.89 -2.98 0.36	14.85 -1.66 1.56	20.49 -2.71 9.17	23.34 -3.14 9.67	24.08 -3.35 9.81	26.34 -3.58 10.18	25.67 -3.62 10.10	30.05 -4.30 10.84	33.12 -4.45 11.40	31.61 -3.59 5.90	33.68 -3.38 2.07	36.22 -3.45 0.15	36.65 -3.07 0.00	42.79 -2.59 0.00
TEMPLE___115KV_TB 2 55572	30.35 -0.65 0.00	32.35 -0.72 0.00	26.29 -0.65 0.00	28.02 -0.64 0.00	30.41 -0.71 0.00	30.97 -0.68 0.00	40.74 -0.80 0.00	44.26 -0.98 0.00	35.90 -0.86 0.00	31.78 -0.78 0.00	32.44 -0.79 0.00	17.62 -0.45 0.00	31.64 -0.74 0.00	35.35 -0.80 0.00	36.39 -0.86 0.00	39.18 -0.92 0.00	38.59 -0.80 0.00	44.31 -0.89 0.00	48.09 -0.88 0.00	40.40 -0.70 0.00	38.46 -0.67 0.00	39.06 -0.75 0.00	38.97 -0.75 0.00	44.59 -0.79 0.00
TIANA____69_KV_BK 1 55817	48.75 1.10 -16.65	37.02 0.89 -3.06	29.32 0.78 -1.59	28.49 0.79 0.95	33.05 0.98 -0.95	35.79 1.24 -2.91	43.57 1.75 -0.29	46.91 1.67 0.00	38.65 1.89 0.00	35.72 1.81 -1.35	45.09 2.07 -9.79	73.93 1.19 -54.65	34.51 2.09 -0.05	38.48 2.41 0.08	49.50 2.34 -9.92	54.46 2.71 -11.65	72.32 2.87 -30.06	98.50 3.21 -50.09	70.34 3.17 -18.20	45.85 2.39 -2.36	41.35 2.22 0.00	41.62 1.80 0.00	41.29 1.52 -0.05	48.72 1.82 -1.52

TILDEN___115KV_TB1 80814	30.50 -0.49 0.00	32.52 -0.55 0.00	26.43 -0.52 0.00	28.16 -0.50 0.00	30.57 -0.56 0.00	31.12 -0.52 0.00	40.95 -0.59 0.00	44.49 -0.76 0.00	36.07 -0.70 -0.01	31.91 -0.65 -0.01	32.56 -0.67 0.00	17.69 -0.39 0.00	31.75 -0.63 0.00	35.48 -0.67 0.00	36.53 -0.72 0.00	39.34 -0.77 0.00	38.75 -0.64 0.00	44.53 -0.66 0.00	48.37 -0.60 0.00	40.64 -0.46 0.00	39.11 -0.44 -0.42	39.29 -0.54 -0.02	39.17 -0.54 0.00	44.82 -0.57 0.00
TRIGEN___CC 323695	150.42 1.26 -118.16	58.72 1.10 -24.55	55.86 1.05 -27.87	50.13 1.17 -20.31	52.55 1.29 -20.14	56.20 1.30 -23.26	45.58 1.73 -2.31	47.22 1.97 0.00	38.90 2.13 -0.01	36.01 2.08 -1.38	92.40 2.33 -56.84	158.65 1.36 -139.21	101.53 2.43 -66.72	134.06 2.83 -95.08	245.02 3.03 -204.75	190.09 3.33 -146.66	420.98 3.44 -378.15	583.66 3.56 -534.90	84.66 3.54 -32.15	48.06 2.80 -4.17	41.66 2.53 0.00	42.06 2.25 0.00	41.88 2.07 -0.09	50.46 2.40 -2.69
TRINITY__115KV__4 BK 55933	31.20 0.20 0.00	33.11 0.04 0.00	27.26 0.32 0.00	28.93 0.27 0.00	31.42 0.30 0.00	31.89 0.25 0.00	41.61 0.07 0.00	45.56 0.32 0.00	37.32 0.56 0.00	33.36 0.56 -0.25	34.78 0.56 -0.99	27.84 0.38 -9.38	32.94 0.56 0.00	36.74 0.59 0.00	37.92 0.68 0.00	40.86 0.76 0.00	40.27 0.88 0.00	46.09 0.90 0.00	49.87 0.90 0.00	41.62 0.52 0.00	39.63 0.50 0.00	40.31 0.50 0.00	40.20 0.48 0.00	45.89 0.51 0.00
UNION___PROCESSING_DRP 323587	29.97 -1.03 0.00	31.98 -1.08 0.00	25.85 -1.09 0.00	27.67 -0.98 0.00	29.95 -1.17 0.00	30.62 -1.02 0.00	40.50 -1.04 0.00	43.65 -1.60 0.00	35.14 -1.60 0.02	31.13 -1.41 0.02	31.74 -1.50 0.00	17.22 -0.86 0.00	30.94 -1.44 0.00	34.51 -1.63 0.00	35.52 -1.72 0.00	38.31 -1.79 0.00	37.73 -1.66 0.00	43.26 -1.93 0.00	47.04 -1.93 0.00	39.57 -1.53 0.00	36.70 -1.47 0.96	38.19 -1.57 0.05	38.24 -1.48 0.00	44.03 -1.35 0.00
UPPER HUDSON___HYD 24058	32.91 1.92 0.00	34.96 1.89 0.00	28.60 1.66 0.00	30.44 1.79 0.00	33.11 1.99 0.00	33.65 2.01 0.00	44.08 2.54 0.00	48.23 2.98 0.00	39.23 2.47 0.00	34.93 2.15 -0.23	36.09 1.94 -0.92	27.77 1.01 -8.68	34.04 1.67 0.00	37.70 1.55 0.00	38.64 1.39 0.00	41.53 1.43 0.00	41.08 1.69 0.00	47.19 2.00 0.00	51.55 2.59 0.00	43.19 2.09 0.00	41.24 2.11 0.00	41.97 2.16 0.00	41.85 2.13 0.00	48.29 2.91 0.00
UPPER RAQUET___HYD 24056	32.16 1.16 0.00	34.56 1.50 0.00	28.06 1.12 0.00	29.70 1.04 0.00	32.20 1.07 0.00	32.73 1.08 0.00	43.17 1.64 0.00	46.89 1.64 0.00	37.63 0.87 0.00	33.10 0.55 0.00	33.67 0.44 0.00	18.24 0.16 0.00	32.49 0.11 0.00	36.14 -0.01 0.00	37.27 0.02 0.00	40.16 0.06 0.00	39.33 -0.06 0.00	45.76 0.57 0.00	49.63 0.66 0.00	41.80 0.70 0.00	39.91 0.78 0.00	40.61 0.80 0.00	40.54 0.82 0.00	46.31 0.93 0.00
VALLEY44_115KV_TB2 355964	29.23 -1.77 0.00	31.31 -1.75 0.00	25.09 -1.85 0.00	27.08 -1.57 0.00	29.23 -1.89 0.00	29.89 -1.75 0.00	39.56 -1.98 0.00	42.39 -2.86 0.00	33.86 -2.87 0.04	28.76 -2.36 1.44	30.55 -2.43 0.25	15.43 -1.56 1.09	23.67 -2.34 6.37	26.89 -2.54 6.72	27.75 -2.67 6.82	30.06 -2.85 7.19	29.28 -2.94 7.17	33.57 -3.61 8.01	36.82 -3.73 8.43	33.65 -3.08 4.36	33.53 -2.91 2.69	36.63 -3.01 0.17	36.88 -2.84 0.00	42.79 -2.59 0.00
VALLEY___115KV_TB 1-4 80826	31.58 0.58 0.00	33.58 0.51 0.00	27.48 0.53 0.00	29.23 0.57 0.00	31.78 0.65 0.00	32.31 0.67 0.00	42.33 0.78 0.00	46.04 0.80 0.00	37.30 0.55 0.00	32.92 0.37 0.00	33.55 0.32 0.00	18.26 0.18 0.00	32.74 0.36 0.00	36.63 0.48 0.00	37.64 0.39 0.00	40.48 0.38 0.00	39.74 0.35 0.00	45.84 0.64 0.00	50.08 1.11 0.00	42.03 0.94 0.00	39.95 0.82 0.00	40.59 0.78 0.00	40.41 0.69 0.00	46.03 0.65 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	31.69 0.69 0.00	33.79 0.72 0.00	27.49 0.54 0.00	29.30 0.64 0.00	31.88 0.76 0.00	32.41 0.77 0.00	42.54 1.00 0.00	46.30 1.05 0.00	37.62 0.86 0.00	33.23 0.81 0.13	33.57 0.85 0.51	13.69 0.46 4.85	33.31 0.93 0.00	37.30 1.15 0.00	38.49 1.24 0.00	41.47 1.36 0.00	40.78 1.39 0.00	46.75 1.55 0.00	50.67 1.70 0.00	42.53 1.44 0.00	40.37 1.25 0.00	40.92 1.11 0.00	40.81 1.09 0.00	46.58 1.20 0.00
VISCHER___FERRY HYD 24020	31.88 0.88 0.00	33.88 0.81 0.00	27.80 0.86 0.00	29.54 0.88 0.00	32.14 1.01 0.00	32.62 0.98 0.00	42.58 1.04 0.00	46.64 1.40 0.00	38.06 1.30 0.00	34.01 1.19 -0.26	35.48 1.21 -1.03	28.56 0.69 -9.79	33.51 1.13 0.00	37.35 1.20 0.00	38.50 1.25 0.00	41.47 1.36 0.00	40.92 1.53 0.00	46.86 1.67 0.00	50.79 1.82 0.00	42.49 1.39 0.00	40.51 1.38 0.00	41.21 1.40 0.00	41.04 1.32 0.00	46.79 1.42 0.00
V_A_10_SYNC_DSASP 323832	28.97 -2.03 0.00	30.99 -2.08 0.00	24.92 -2.03 0.00	26.83 -1.83 0.00	28.95 -2.18 0.00	29.65 -1.99 0.00	39.27 -2.27 0.00	41.90 -3.35 0.00	33.47 -3.26 0.02	27.88 -2.76 1.91	29.98 -2.91 0.34	14.94 -1.67 1.47	20.93 -2.82 8.63	23.83 -3.22 9.09	24.61 -3.41 9.23	26.86 -3.67 9.57	26.16 -3.73 9.50	30.56 -4.44 10.20	33.57 -4.67 10.72	31.72 -3.83 5.55	33.52 -3.64 1.97	35.97 -3.70 0.14	36.36 -3.35 0.00	42.39 -2.99 0.00
V_CMM_10_SYNC_DSASP 323787	31.57 0.57 0.00	33.86 0.79 0.00	27.50 0.56 0.00	29.17 0.52 0.00	31.66 0.54 0.00	32.18 0.54 0.00	42.40 0.86 0.00	46.08 0.84 0.00	37.21 0.45 0.00	32.84 0.29 0.00	33.50 0.27 0.00	18.22 0.14 0.00	32.55 0.17 0.00	36.26 0.11 0.00	37.34 0.09 0.00	40.20 0.10 0.00	39.40 0.01 0.00	45.37 0.18 0.00	49.05 0.08 0.00	41.23 0.13 0.00	39.36 0.23 0.00	40.15 0.34 0.00	40.08 0.36 0.00	45.79 0.41 0.00
V_CMP_10_SYNC_DSASP 323788	31.93 0.93 0.00	34.28 1.22 0.00	28.22 1.27 0.00	29.99 1.34 0.00	32.55 1.42 0.00	32.98 1.33 0.00	43.10 1.56 0.00	46.82 1.57 0.00	37.84 1.08 0.00	33.53 0.98 0.00	33.99 0.76 0.00	18.23 0.15 0.00	32.47 0.09 0.00	35.96 -0.19 0.00	36.90 -0.35 0.00	39.50 -0.60 0.00	38.41 -0.98 0.00	44.73 -0.46 0.00	48.95 -0.02 0.00	40.62 -0.48 0.00	38.72 -0.41 0.00	39.04 -0.78 0.00	39.36 -0.36 0.00	44.92 -0.47 0.00
V_D_10_SYNC_DSASP 323841	31.81 0.81 0.00	34.12 1.06 0.00	27.71 0.77 0.00	29.39 0.73 0.00	31.89 0.77 0.00	32.42 0.78 0.00	42.73 1.19 0.00	46.43 1.18 0.00	37.43 0.67 0.00	33.00 0.45 0.00	33.65 0.42 0.00	18.30 0.22 0.00	32.66 0.29 0.00	36.39 0.24 0.00	37.48 0.23 0.00	40.36 0.26 0.00	39.55 0.16 0.00	45.66 0.47 0.00	49.35 0.38 0.00	41.51 0.41 0.00	39.63 0.50 0.00	40.41 0.60 0.00	40.34 0.62 0.00	46.09 0.71 0.00
V_E_10_SYNC_DSASP 323830	32.50 1.50 0.00	34.71 1.64 0.00	28.10 1.15 0.00	30.02 1.36 0.00	32.47 1.35 0.00	33.15 1.51 0.00	43.92 2.38 0.00	47.39 2.14 0.00	38.07 1.27 -0.04	33.85 0.81 -0.49	33.91 0.60 -0.08	18.52 0.10 -0.34	34.52 0.16 -1.98	38.48 0.24 -2.08	38.98 -0.38 -2.11	41.81 -0.49 -2.19	41.57 0.00 -2.17	47.97 0.44 -2.34	52.74 1.29 -2.47	43.82 1.43 -1.29	43.02 1.10 -2.79	40.64 0.68 -0.15	40.33 0.61 0.00	46.08 0.70 0.00



V_F_30_NSYNC___DSASP 323816	32.43 1.43 0.00	34.49 1.42 0.00	28.21 1.27 0.00	30.00 1.35 0.00	32.64 1.52 0.00	33.16 1.52 0.00	43.43 1.89 0.00	47.46 2.22 0.00	38.62 1.86 0.00	34.41 1.62 -0.24	35.74 1.57 -0.93	27.77 0.84 -8.85	33.82 1.44 0.00	37.66 1.51 0.00	38.77 1.53 0.00	41.76 1.65 0.00	41.28 1.89 0.00	47.37 2.18 0.00	51.50 2.53 0.00	43.14 2.04 0.00	41.10 1.97 0.00	41.80 1.99 0.00	41.64 1.93 0.00	47.64 2.26 0.00
V_F_30_SYNC_DSASP 323786	31.32 0.32 0.00	33.23 0.17 0.00	27.35 0.41 0.00	29.02 0.36 0.00	31.53 0.40 0.00	32.00 0.36 0.00	41.79 0.25 0.00	45.74 0.49 0.00	37.46 0.70 0.00	33.47 0.67 -0.25	34.88 0.67 -0.98	27.77 0.45 -9.24	33.06 0.68 0.00	36.89 0.74 0.00	38.08 0.84 0.00	41.05 0.94 0.00	40.46 1.07 0.00	46.33 1.14 0.00	50.13 1.16 0.00	41.85 0.75 0.00	39.83 0.70 0.00	40.51 0.69 0.00	40.37 0.65 0.00	46.09 0.71 0.00
V_XM_10_SYNC_DSASP 323789	31.93 0.93 0.00	34.28 1.22 0.00	28.22 1.27 0.00	29.99 1.34 0.00	32.55 1.42 0.00	32.98 1.33 0.00	43.10 1.56 0.00	46.82 1.57 0.00	37.84 1.08 0.00	33.53 0.98 0.00	33.99 0.76 0.00	18.23 0.15 0.00	32.47 0.09 0.00	35.96 -0.19 0.00	36.90 -0.35 0.00	39.50 -0.60 0.00	38.41 -0.98 0.00	44.73 -0.46 0.00	48.95 -0.02 0.00	40.62 -0.48 0.00	38.72 -0.41 0.00	39.04 -0.78 0.00	39.36 -0.36 0.00	44.92 -0.47 0.00
W.BABYLN_69_KV_BK1 56697	60.36 1.63 -27.73	41.15 1.46 -6.62	34.29 1.31 -6.04	32.78 1.42 -2.71	36.91 1.59 -4.20	39.60 1.65 -6.31	44.43 2.27 -0.62	47.74 2.50 0.00	39.36 2.60 0.00	36.27 2.36 -1.36	50.01 2.64 -14.14	82.20 1.48 -62.64	41.28 2.51 -6.40	47.51 2.85 -8.51	67.82 3.04 -27.54	67.56 3.43 -24.02	104.88 3.53 -61.95	143.72 3.73 -94.80	72.77 3.75 -20.04	46.70 3.01 -2.60	41.94 2.81 0.00	42.29 2.48 0.00	42.04 2.26 -0.06	49.85 2.79 -1.68
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	32.00 1.00 0.00	33.90 0.84 0.00	27.68 0.74 0.00	29.47 0.82 0.00	32.01 0.88 0.00	32.59 0.96 0.00	42.74 1.20 0.00	46.82 1.57 0.00	38.46 1.70 0.00	32.26 1.73 2.02	27.22 1.91 7.91	-56.13 1.11 75.31	34.46 2.08 0.00	38.67 2.52 0.00	40.02 2.78 0.00	43.25 3.14 0.00	42.55 3.16 0.00	48.49 3.30 0.00	52.40 3.42 0.00	43.77 2.67 0.00	41.52 2.39 0.00	41.97 2.16 0.00	41.78 2.06 0.00	47.54 2.16 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.11 1.11 0.00	33.94 0.87 0.00	27.74 0.80 0.00	29.51 0.86 0.00	32.06 0.93 0.00	32.68 1.04 0.00	42.88 1.34 0.00	47.01 1.76 0.00	38.72 1.96 0.00	35.92 2.00 -1.37	40.80 2.21 -5.36	70.34 1.30 -50.96	34.79 2.42 0.00	38.96 2.81 0.00	40.30 3.06 0.00	43.48 3.38 0.00	42.82 3.43 0.00	48.75 3.56 0.00	52.62 3.65 0.00	44.00 2.91 0.00	41.74 2.61 0.00	42.17 2.36 0.00	42.01 2.30 0.00	47.75 2.37 0.00
W50THST__13_KV_LOAD 356117	32.25 1.25 0.00	34.08 1.02 0.00	27.84 0.90 0.00	29.62 0.97 0.00	32.18 1.05 0.00	32.83 1.19 0.00	43.10 1.56 0.00	47.30 2.05 0.00	39.01 2.25 0.00	36.20 2.28 -1.37	41.10 2.51 -5.36	70.50 1.46 -50.96	35.09 2.71 0.00	39.30 3.15 0.00	40.65 3.40 0.00	43.84 3.74 0.00	43.17 3.78 0.00	49.12 3.93 0.00	52.99 4.02 0.00	44.28 3.19 0.00	42.00 2.87 0.00	42.44 2.63 0.00	42.29 2.57 0.00	48.04 2.66 0.00
WADING RIVER_IC_1 23522	48.37 0.76 -16.61	36.65 0.53 -3.05	29.04 0.52 -1.58	28.21 0.52 0.97	32.72 0.66 -0.94	35.39 0.85 -2.90	43.03 1.21 -0.28	46.48 1.24 0.00	38.31 1.55 0.00	35.37 1.46 -1.35	44.70 1.70 -9.77	73.70 1.00 -54.62	34.07 1.66 -0.02	37.95 1.93 0.12	49.00 1.91 -9.84	53.96 2.25 -11.60	71.70 2.39 -29.92	97.71 2.62 -49.90	69.70 2.53 -18.19	45.35 1.89 -2.36	40.91 1.79 0.00	41.20 1.39 0.00	40.90 1.13 -0.05	48.30 1.39 -1.52
WADING RIVER_IC_2 23547	48.37 0.76 -16.61	36.65 0.53 -3.05	29.04 0.52 -1.58	28.21 0.52 0.97	32.72 0.66 -0.94	35.39 0.85 -2.90	43.03 1.21 -0.28	46.48 1.24 0.00	38.31 1.55 0.00	35.37 1.46 -1.35	44.70 1.70 -9.77	73.70 1.00 -54.62	34.07 1.66 -0.02	37.95 1.93 0.12	49.00 1.91 -9.84	53.96 2.25 -11.60	71.70 2.39 -29.92	97.71 2.62 -49.90	69.70 2.53 -18.19	45.35 1.89 -2.36	40.91 1.79 0.00	41.20 1.39 0.00	40.90 1.13 -0.05	48.30 1.39 -1.52
WADING RIVER_IC_3 23601	48.37 0.76 -16.61	36.65 0.53 -3.05	29.04 0.52 -1.58	28.21 0.52 0.97	32.72 0.66 -0.94	35.39 0.85 -2.90	43.03 1.21 -0.28	46.48 1.24 0.00	38.31 1.55 0.00	35.37 1.46 -1.35	44.70 1.70 -9.77	73.70 1.00 -54.62	34.07 1.66 -0.02	37.95 1.93 0.12	49.00 1.91 -9.84	53.96 2.25 -11.60	71.70 2.39 -29.92	97.71 2.62 -49.90	69.70 2.53 -18.19	45.35 1.89 -2.36	40.91 1.79 0.00	41.20 1.39 0.00	40.90 1.13 -0.05	48.30 1.39 -1.52
WALDENNY_12_KV_BK2 80841	29.10 -1.90 0.00	31.16 -1.91 0.00	24.98 -1.97 0.00	26.93 -1.73 0.00	29.00 -2.12 0.00	29.73 -1.91 0.00	39.42 -2.12 0.00	41.94 -3.30 0.00	33.41 -3.32 0.03	26.61 -2.81 3.13	29.68 -2.99 0.56	13.92 -1.75 2.41	15.34 -2.87 14.16	17.94 -3.27 14.94	18.66 -3.43 15.15	20.72 -3.64 15.74	20.03 -3.75 15.61	23.93 -4.50 16.76	26.59 -4.75 17.63	28.08 -3.89 9.13	32.66 -3.69 2.78	35.87 -3.73 0.21	36.40 -3.32 0.00	42.59 -2.79 0.00
WALDEN___HYDRO 24148	31.81 0.82 0.00	33.74 0.67 0.00	27.55 0.61 0.00	29.33 0.68 0.00	31.87 0.74 0.00	32.43 0.79 0.00	42.50 0.96 0.00	46.52 1.28 0.00	38.15 1.39 0.00	33.31 1.40 0.64	32.26 1.55 2.52	-2.54 0.89 21.52	34.08 1.71 0.00	38.20 2.05 0.00	39.55 2.30 0.00	42.69 2.59 0.00	42.02 2.63 0.00	47.94 2.75 0.00	51.84 2.87 0.00	43.38 2.28 0.00	41.15 2.02 0.00	41.64 1.83 0.00	41.46 1.74 0.00	47.21 1.83 0.00
WARRENSBURG____ 23737	32.91 1.92 0.00	34.96 1.89 0.00	28.60 1.66 0.00	30.44 1.79 0.00	33.11 1.99 0.00	33.65 2.01 0.00	44.08 2.54 0.00	48.23 2.98 0.00	39.23 2.47 0.00	34.93 2.15 -0.23	36.09 1.94 -0.92	27.78 1.02 -8.68	34.05 1.67 0.00	37.71 1.56 0.00	38.64 1.40 0.00	41.54 1.43 0.00	41.08 1.69 0.00	47.19 2.00 0.00	51.55 2.58 0.00	43.19 2.10 0.00	41.24 2.11 0.00	41.97 2.16 0.00	41.85 2.14 0.00	48.29 2.91 0.00
WATERSIDE___6 8 9 23538	32.10 1.10 0.00	33.96 0.89 0.00	27.76 0.81 0.00	29.52 0.87 0.00	32.08 0.95 0.00	32.73 1.09 0.00	42.89 1.35 0.00	46.99 1.75 0.00	38.75 1.99 0.00	35.96 2.03 -1.37	40.78 2.20 -5.35	70.27 1.33 -50.85	34.78 2.41 0.00	38.96 2.81 0.00	40.33 3.08 0.00	43.48 3.37 0.00	42.83 3.45 0.00	48.71 3.52 0.00	52.58 3.61 0.00	43.99 2.89 0.00	41.77 2.64 0.00	42.23 2.41 0.00	42.10 2.38 0.00	47.71 2.33 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.36 0.36 0.00	33.37 0.30 0.00	27.28 0.34 0.00	29.03 0.37 0.00	31.55 0.43 0.00	32.07 0.43 0.00	42.03 0.49 0.00	45.75 0.51 0.00	37.13 0.37 0.00	32.79 0.24 0.00	33.43 0.20 0.00	18.19 0.11 0.00	32.61 0.23 0.00	36.47 0.32 0.00	37.52 0.27 0.00	40.37 0.27 0.00	39.66 0.27 0.00	45.67 0.47 0.00	49.77 0.80 0.00	41.78 0.68 0.00	39.73 0.60 0.00	40.37 0.56 0.00	40.21 0.49 0.00	45.85 0.47 0.00

WDELAWARE___HYD 323627	31.35 0.35 0.00	33.26 0.19 0.00	27.15 0.20 0.00	28.89 0.23 0.00	31.40 0.27 0.00	31.97 0.33 0.00	41.94 0.41 0.00	45.91 0.66 0.00	37.57 0.81 0.00	32.85 0.82 0.52	32.13 0.93 2.03	0.12 0.51 18.46	33.25 0.87 0.00	36.49 0.34 0.00	37.79 0.55 0.00	40.85 0.74 0.00	40.23 0.84 0.00	46.01 0.82 0.00	49.84 0.87 0.00	41.75 0.66 0.00	39.73 0.60 0.00	41.08 1.27 0.00	40.87 1.15 0.00	46.53 1.15 0.00
WEST BABYLON___IC 23714	60.36 1.63 -27.73	41.15 1.46 -6.62	34.29 1.31 -6.04	32.78 1.42 -2.71	36.91 1.59 -4.20	39.60 1.65 -6.31	44.43 2.27 -0.62	47.74 2.50 0.00	39.36 2.60 0.00	36.27 2.36 -1.36	50.01 2.64 -14.14	82.20 1.48 -62.64	41.28 2.51 -6.40	47.51 2.85 -8.51	67.82 3.04 -27.54	67.56 3.43 -24.02	104.88 3.53 -61.95	143.72 3.73 -94.80	72.77 3.75 -20.04	46.70 3.01 -2.60	41.94 2.81 0.00	42.29 2.48 0.00	42.04 2.26 -0.06	49.85 2.79 -1.68
WEST CANADA___HYD 24049	31.01 0.01 0.00	33.04 -0.03 0.00	26.96 0.01 0.00	28.66 0.00 0.00	31.14 0.02 0.00	31.64 0.00 0.00	41.50 -0.03 0.00	45.25 0.00 0.00	36.80 0.04 0.00	32.59 0.04 0.00	33.26 0.03 0.00	18.10 0.02 0.00	32.41 0.03 0.00	36.20 0.05 0.00	37.31 0.06 0.00	40.16 0.06 0.00	39.49 0.10 0.00	45.29 0.10 0.00	49.15 0.18 0.00	41.22 0.13 0.00	39.22 0.09 0.00	39.86 0.05 0.00	39.76 0.04 0.00	45.43 0.05 0.00
WESTERN_NY_WIND 24143	29.89 -1.11 0.00	31.93 -1.14 0.00	25.67 -1.28 0.00	27.61 -1.05 0.00	29.79 -1.33 0.00	30.57 -1.07 0.00	40.61 -0.93 0.00	43.39 -1.86 0.00	34.57 -2.17 0.02	28.88 -2.02 1.66	30.57 -2.37 0.30	15.46 -1.35 1.27	22.76 -2.16 7.46	25.79 -2.49 7.87	26.60 -2.66 7.98	29.03 -2.80 8.28	28.50 -2.68 8.21	33.22 -3.16 8.81	36.71 -2.99 9.26	34.01 -2.30 4.79	35.13 -2.16 1.85	37.42 -2.26 0.13	37.73 -1.99 0.00	43.84 -1.54 0.00
WESTOVER___LESR 323668	30.58 -0.41 0.00	32.68 -0.38 0.00	26.46 -0.48 0.00	28.32 -0.34 0.00	30.70 -0.42 0.00	31.23 -0.41 0.00	41.09 -0.44 0.00	44.54 -0.70 0.00	36.03 -0.72 0.02	31.90 -0.63 0.02	32.62 -0.61 0.00	17.68 -0.40 0.00	31.87 -0.51 0.00	35.69 -0.46 0.00	36.75 -0.49 0.00	39.59 -0.51 0.00	38.92 -0.47 0.00	44.59 -0.60 0.00	48.44 -0.53 0.00	40.64 -0.46 0.00	37.68 -0.51 0.94	39.17 -0.59 0.05	39.16 -0.57 0.00	44.88 -0.51 0.00
WETHRSFD_WT_PWR 323626	29.26 -1.74 0.00	31.37 -1.70 0.00	25.14 -1.80 0.00	27.06 -1.60 0.00	29.14 -1.99 0.00	29.82 -1.82 0.00	39.41 -2.13 0.00	41.88 -3.36 0.00	33.30 -3.42 0.04	19.44 -3.13 9.99	28.10 -3.33 1.80	8.38 -1.98 7.73	-16.37 -3.32 45.43	-15.46 -3.70 47.91	-15.22 -3.86 48.60	-14.51 -4.06 50.55	-14.72 -3.94 50.17	-13.38 -4.58 53.99	-12.48 -4.68 56.77	7.91 -3.80 29.39	30.11 -3.64 5.38	35.70 -3.62 0.50	36.59 -3.13 0.00	42.77 -2.61 0.00
WHAVSTOR_138KV_BK127 55557	31.82 0.82 0.00	33.71 0.65 0.00	27.54 0.60 0.00	29.32 0.66 0.00	31.85 0.72 0.00	32.42 0.78 0.00	42.47 0.93 0.00	46.52 1.28 0.00	38.21 1.45 0.00	31.99 1.49 2.06	26.86 1.67 8.04	-57.49 0.98 76.55	34.21 1.83 0.00	38.36 2.21 0.00	39.69 2.45 0.00	42.87 2.76 0.00	42.20 2.82 0.00	48.06 2.87 0.00	51.94 2.97 0.00	43.43 2.33 0.00	41.18 2.05 0.00	41.66 1.85 0.00	41.48 1.76 0.00	47.24 1.86 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.82 0.82 0.00	33.71 0.65 0.00	27.54 0.60 0.00	29.32 0.66 0.00	31.85 0.72 0.00	32.42 0.78 0.00	42.47 0.93 0.00	46.52 1.28 0.00	38.21 1.45 0.00	31.99 1.49 2.06	26.86 1.67 8.04	-57.49 0.98 76.55	34.21 1.83 0.00	38.36 2.21 0.00	39.69 2.45 0.00	42.87 2.76 0.00	42.20 2.82 0.00	48.06 2.87 0.00	51.94 2.97 0.00	43.43 2.33 0.00	41.18 2.05 0.00	41.66 1.85 0.00	41.48 1.76 0.00	47.24 1.86 0.00
WHITEHAL_115KV_TB1 80871	33.61 2.61 0.00	35.63 2.56 0.00	29.29 2.34 0.00	31.25 2.59 0.00	33.97 2.85 0.00	34.42 2.78 0.00	44.88 3.34 0.00	49.35 4.10 0.00	40.21 3.45 0.00	35.83 3.04 -0.24	37.09 2.93 -0.92	28.31 1.48 -8.75	35.03 2.65 0.00	38.69 2.54 0.00	39.74 2.50 0.00	42.64 2.53 0.00	42.30 2.91 0.00	48.32 3.13 0.00	52.61 3.64 0.00	44.05 2.96 0.00	42.30 3.17 0.00	43.33 3.51 0.00	43.31 3.60 0.00	49.15 3.77 0.00
WHITEPLN_13_KV_LOAD 356215	32.28 1.29 0.00	34.17 1.10 0.00	27.91 0.97 0.00	29.71 1.05 0.00	32.27 1.14 0.00	32.87 1.23 0.00	43.12 1.58 0.00	47.29 2.05 0.00	38.89 2.13 0.00	36.09 2.12 -1.41	41.09 2.33 -5.53	72.08 1.34 -52.65	34.87 2.49 0.00	39.07 2.92 0.00	40.42 3.18 0.00	43.66 3.56 0.00	43.02 3.64 0.00	49.03 3.84 0.00	52.92 3.95 0.00	44.24 3.14 0.00	41.95 2.82 0.00	42.40 2.59 0.00	42.20 2.48 0.00	47.99 2.61 0.00
WM_FLOYD_69_KV_BK2 356380	48.96 1.11 -16.86	37.09 0.90 -3.12	29.44 0.83 -1.67	28.64 0.88 0.89	33.16 1.03 -1.00	35.78 1.17 -2.97	43.51 1.69 -0.29	46.99 1.74 0.00	38.70 1.94 0.00	35.71 1.80 -1.35	45.13 2.03 -9.87	74.04 1.16 -54.80	34.49 1.95 -0.16	38.50 2.27 -0.07	49.78 2.29 -10.25	54.63 2.64 -11.89	72.84 2.80 -30.66	99.15 3.03 -50.93	70.21 3.01 -18.23	45.76 2.30 -2.36	41.31 2.18 0.00	41.62 1.81 0.00	41.31 1.55 -0.05	48.79 1.89 -1.52
WOODARD___115KV_TB2 355635	30.32 -0.68 0.00	32.32 -0.75 0.00	26.27 -0.67 0.00	27.98 -0.67 0.00	30.38 -0.74 0.00	30.93 -0.71 0.00	40.69 -0.85 0.00	44.21 -1.03 0.00	35.87 -0.89 0.00	31.74 -0.81 0.00	32.40 -0.83 0.00	17.61 -0.47 0.00	31.58 -0.80 0.00	35.28 -0.86 0.00	36.33 -0.91 0.00	39.12 -0.98 0.00	38.52 -0.87 0.00	44.24 -0.95 0.00	48.03 -0.94 0.00	40.36 -0.74 0.00	38.42 -0.71 0.00	39.03 -0.78 0.00	38.93 -0.79 0.00	44.52 -0.86 0.00
WOODMERE_69_KV_BK1 55827	274.91 1.68 -242.24	82.39 1.48 -47.85	87.00 1.41 -58.65	77.86 1.53 -47.67	75.64 1.67 -42.85	78.60 1.70 -45.27	48.33 2.28 -4.51	47.87 2.61 -0.02	39.42 2.64 -0.02	36.51 2.53 -1.43	156.64 2.84 -120.57	277.95 1.63 -258.25	199.45 2.91 -164.16	274.94 3.39 -235.40	520.59 3.51 -479.84	375.09 3.81 -331.17	897.20 3.92 -853.89	1236.27 4.10 -1186.97	82.94 4.47 -29.49	48.51 3.59 -3.82	42.38 3.25 0.00	42.77 2.96 0.00	42.50 2.70 -0.08	50.94 3.10 -2.46
YORK___WARBASSE 23770	32.16 1.16 0.00	34.03 0.96 0.00	27.81 0.87 0.00	29.58 0.93 0.00	32.13 1.01 0.00	32.80 1.16 0.00	42.91 1.37 0.00	46.95 1.71 0.00	38.76 2.00 0.00	35.97 2.05 -1.37	40.81 2.24 -5.35	70.30 1.37 -50.85	34.84 2.46 0.00	39.01 2.86 0.00	40.36 3.12 0.00	43.52 3.41 0.00	42.88 3.49 0.00	48.71 3.52 0.00	52.59 3.62 0.00	44.00 2.90 0.00	41.80 2.67 0.00	42.32 2.51 0.00	42.17 2.46 0.00	47.72 2.34 0.00