

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

11/29/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	24.91	28.38	29.33	26.75	31.97	29.82	31.21	45.41	34.66	30.50	57.45	36.69	42.06	34.71	35.89	62.59	47.23	57.06	42.83	46.77	47.95	48.13	46.39	32.85
24138	1.83	1.96	2.03	1.99	2.37	2.17	2.41	3.57	2.81	2.34	2.90	2.89	3.17	2.71	2.69	3.38	3.61	4.56	3.34	3.73	3.41	3.35	2.74	2.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.88	-0.02	-0.98	-0.20	-1.53	-15.60	0.00	0.00	-1.75	0.00	-2.07	-0.11	-5.62	0.00
74TH STREET_GT_1	24.87	28.35	29.31	26.70	31.94	29.77	31.17	45.36	34.60	30.42	57.30	36.61	41.96	34.62	35.80	62.43	47.11	56.94	42.75	46.69	47.88	48.06	46.33	32.81
24260	1.79	1.94	2.01	1.94	2.33	2.12	2.37	3.52	2.75	2.27	2.81	2.81	3.07	2.62	2.60	3.27	3.49	4.43	3.25	3.65	3.34	3.28	2.68	2.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.81	-0.02	-0.97	-0.20	-1.53	-15.54	0.00	0.00	-1.75	0.00	-2.07	-0.11	-5.62	0.00
74TH STREET_GT_2	24.87	28.35	29.31	26.70	31.94	29.77	31.17	45.36	34.60	30.42	57.30	36.61	41.96	34.62	35.80	62.43	47.11	56.94	42.75	46.69	47.88	48.06	46.33	32.81
24261	1.79	1.94	2.01	1.94	2.33	2.12	2.37	3.52	2.75	2.27	2.81	2.81	3.07	2.62	2.60	3.27	3.49	4.43	3.25	3.65	3.34	3.28	2.68	2.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.81	-0.02	-0.97	-0.20	-1.53	-15.54	0.00	0.00	-1.75	0.00	-2.07	-0.11	-5.62	0.00
ADK HUDSON___FALLS	24.29	27.65	28.56	25.95	31.10	29.13	30.78	44.87	34.06	29.77	42.73	35.72	40.55	33.75	35.02	50.81	46.68	56.14	42.60	46.03	47.83	47.75	47.45	32.37
24011	1.21	1.23	1.26	1.19	1.49	1.48	1.98	3.02	2.21	1.61	2.09	1.92	2.42	1.69	1.96	2.76	3.06	3.64	2.62	2.99	2.73	2.94	2.25	1.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.96	-0.02	-0.22	-0.26	-1.39	-4.43	0.00	0.00	-2.24	0.00	-2.65	-0.14	-7.18	0.00
ADK RESOURCE___RCVRY	24.39	27.72	28.64	26.02	31.19	29.29	31.05	45.26	34.34	29.94	42.90	35.90	40.78	33.90	35.24	51.14	47.10	56.52	42.84	46.31	48.01	47.96	47.64	32.54
23798	1.31	1.30	1.34	1.26	1.58	1.64	2.25	3.41	2.49	1.79	2.27	2.10	2.65	1.84	2.18	3.10	3.48	4.02	2.86	3.27	2.91	3.15	2.45	1.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.96	-0.02	-0.22	-0.26	-1.39	-4.42	0.00	0.00	-2.24	0.00	-2.65	-0.14	-7.18	0.00
ADK S GLENS___FALLS	24.29	27.65	28.56	25.95	31.10	29.13	30.78	44.87	34.06	29.77	42.73	35.72	40.55	33.75	35.02	50.81	46.68	56.14	42.60	46.03	47.83	47.75	47.45	32.37
24028	1.21	1.23	1.26	1.19	1.49	1.48	1.98	3.02	2.21	1.61	2.09	1.92	2.42	1.69	1.96	2.76	3.06	3.64	2.62	2.99	2.73	2.94	2.25	1.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.96	-0.02	-0.22	-0.26	-1.39	-4.43	0.00	0.00	-2.24	0.00	-2.65	-0.14	-7.18	0.00
ADK_NYS___DAM	24.94	28.48	29.39	26.72	31.97	29.64	30.96	44.97	34.29	30.11	43.86	36.42	40.91	34.31	35.43	51.54	46.64	56.22	42.62	46.17	48.18	48.14	47.67	32.85
23527	1.86	2.07	2.09	1.96	2.36	1.99	2.16	3.12	2.44	1.96	2.75	2.63	2.76	2.26	2.38	3.19	3.02	3.72	2.72	3.12	3.16	3.33	2.70	2.11
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.44	-0.02	-0.24	-0.25	-1.38	-4.73	0.00	0.00	-2.16	0.00	-2.56	-0.14	-6.95	0.00
AIR_PRODUCTS___DRP	24.00	27.39	28.29	25.71	30.75	28.64	29.69	43.13	32.81	28.92	42.06	35.08	39.47	33.16	34.17	49.48	44.81	54.06	41.13	44.42	46.57	46.36	46.19	31.65
24190	0.93	0.97	0.99	0.95	1.14	0.99	0.89	1.28	0.96	0.76	1.29	1.27	1.33	1.11	1.13	1.42	1.18	1.56	1.21	1.38	1.54	1.55	1.19	0.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.10	-0.02	-0.22	-0.25	-1.37	-4.45	0.00	0.00	-2.18	0.00	-2.58	-0.14	-6.98	0.00
AKWESSNE_115KV_BK	22.76	26.18	27.12	24.52	29.29	27.52	28.58	41.49	31.57	28.09	36.58	33.60	37.75	31.62	31.49	43.72	43.70	52.38	37.63	42.90	42.19	44.65	37.97	30.66
355683	-0.31	-0.23	-0.18	-0.25	-0.32	-0.13	-0.22	-0.35	-0.28	-0.07	-0.09	-0.18	-0.16	-0.18	-0.17	0.10	0.08	-0.13	-0.12	-0.14	-0.27	-0.02	-0.05	-0.09
	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	24.00	27.39	28.29	25.71	30.75	28.64	29.69	43.13	32.81	28.92	42.06	35.08	39.47	33.16	34.17	49.48	44.81	54.06	41.13	44.42	46.57	46.36	46.19	31.65
23571	0.93	0.97	0.99	0.95	1.14	0.99	0.89	1.28	0.96	0.76	1.29	1.27	1.33	1.11	1.13	1.42	1.18	1.56	1.21	1.38	1.54	1.55	1.19	0.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.10	-0.02	-0.22	-0.25	-1.37	-4.45	0.00	0.00	-2.18	0.00	-2.58	-0.14	-6.98	0.00
ALBANY___2	24.00	27.39	28.29	25.71	30.75	28.64	29.69	43.13	32.81	28.92	42.06	35.08	39.47	33.16	34.17	49.48	44.81	54.06	41.13	44.42	46.57	46.36	46.19	31.65
23572	0.93	0.97	0.99	0.95	1.14	0.99	0.89	1.28	0.96	0.76	1.29	1.27	1.33	1.11	1.13	1.42	1.18	1.56	1.21	1.38	1.54	1.55	1.19	0.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.10	-0.02	-0.22	-0.25	-1.37	-4.45	0.00	0.00	-2.18	0.00	-2.58	-0.14	-6.98	0.00
ALBANY___3	24.00	27.39	28.29	25.71	30.75	28.64	29.69	43.13	32.81	28.92	42.06	35.08	39.47	33.16	34.17	49.48	44.81	54.06	41.13	44.42	46.57	46.36	46.19	31.65
23573	0.93	0.97	0.99	0.95	1.14	0.99	0.89	1.28	0.96	0.76	1.29	1.27	1.33	1.11	1.13	1.42	1.18	1.56	1.21	1.38	1.54	1.55	1.19	0.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.10	-0.02	-0.22	-0.25	-1.37	-4.45	0.00	0.00	-2.18	0.00	-2.58	-0.14	-6.98	0.00

ALBANY___4 23574	24.00 0.93 0.00	27.39 0.97 0.00	28.29 0.99 0.00	25.71 0.95 0.00	30.75 1.14 0.00	28.64 0.99 0.00	29.69 0.89 0.00	43.13 1.28 0.00	32.81 0.96 0.00	28.92 0.76 0.00	42.06 1.29 -4.10	35.08 1.27 -0.02	39.47 1.33 -0.22	33.16 1.11 -0.25	34.17 1.13 -1.37	49.48 1.42 -4.45	44.81 1.18 0.00	54.06 1.56 0.00	41.13 1.21 -2.18	44.42 1.38 0.00	46.57 1.54 -2.58	46.36 1.55 -0.14	46.19 1.19 -6.98	31.65 0.90 0.00
ALBANY___LFGE 323615	24.21 1.13 0.00	27.61 1.20 0.00	28.52 1.22 0.00	25.93 1.17 0.00	31.01 1.40 0.00	28.90 1.25 0.00	30.00 1.20 0.00	43.62 1.77 0.00	33.19 1.34 0.00	29.25 1.09 0.00	42.51 1.71 -4.12	35.47 1.67 -0.02	39.90 1.76 -0.22	33.50 1.45 -0.25	34.53 1.49 -1.38	50.02 1.92 -4.48	45.37 1.75 0.00	54.78 2.27 0.00	41.63 1.71 -2.18	44.98 1.94 0.00	47.09 2.05 -2.58	46.87 2.06 -0.14	46.63 1.61 -7.00	31.96 1.21 0.00
ALCOA_PA_115KV_PL-6C 55860	23.46 -0.21 -0.59	26.87 -0.10 -0.55	27.35 0.05 0.00	24.72 -0.04 0.00	29.54 -0.06 0.00	27.68 0.03 0.00	28.64 -0.16 0.00	41.56 -0.28 0.00	31.61 -0.24 0.00	28.21 0.05 0.00	36.76 0.08 0.00	33.75 -0.04 0.00	37.91 0.00 0.00	31.76 -0.03 0.00	31.68 0.01 0.00	43.92 0.30 0.00	44.02 0.40 0.00	52.60 0.10 0.00	37.88 0.14 0.00	43.16 0.11 0.00	42.33 -0.13 0.00	45.13 0.31 -0.14	38.25 0.23 0.00	30.88 0.13 0.00
ALCOA_RYNLDS___DRP 24188	23.46 -0.21 -0.59	26.87 -0.10 -0.55	27.35 0.05 0.00	24.72 -0.04 0.00	29.54 -0.06 0.00	27.68 0.03 0.00	28.64 -0.16 0.00	41.56 -0.28 0.00	31.61 -0.24 0.00	28.21 0.05 0.00	36.76 0.08 0.00	33.75 -0.04 0.00	37.91 0.00 0.00	31.76 -0.03 0.00	31.68 0.01 0.00	43.92 0.30 0.00	44.02 0.40 0.00	52.60 0.10 0.00	37.88 0.14 0.00	43.16 0.11 0.00	42.33 -0.13 0.00	45.13 0.31 -0.14	38.25 0.23 0.00	30.88 0.13 0.00
ALCOA___DSASP 323711	23.46 -0.21 -0.59	26.87 -0.10 -0.55	27.35 0.05 0.00	24.72 -0.04 0.00	29.54 -0.06 0.00	27.68 0.03 0.00	28.64 -0.16 0.00	41.57 -0.28 0.00	31.62 -0.23 0.00	28.21 0.05 0.00	36.76 0.08 0.00	33.75 -0.04 0.00	37.91 0.00 0.00	31.76 -0.03 0.00	31.68 0.01 0.00	43.92 0.30 0.00	44.02 0.40 0.00	52.60 0.10 0.00	37.88 0.14 0.00	43.16 0.11 0.00	42.33 -0.13 0.00	45.13 0.31 -0.14	38.25 0.23 0.00	30.88 0.13 0.00
ALLEGHENY___COGEN 23514	23.98 0.90 0.00	27.19 0.77 0.00	27.79 0.49 0.00	25.15 0.39 0.00	30.05 0.44 0.00	27.79 0.14 0.00	28.91 0.11 0.00	42.25 0.41 0.00	32.22 0.37 0.00	28.54 0.39 0.00	37.01 0.33 0.00	34.04 0.25 0.00	38.50 0.58 0.00	32.06 0.21 -0.05	31.93 0.00 -0.26	43.86 0.03 -0.21	44.02 0.40 0.00	53.02 0.52 0.00	38.19 0.02 -0.43	42.96 -0.08 0.00	42.56 -0.42 -0.52	43.66 -0.74 0.27	38.88 -0.55 -1.41	30.66 -0.09 0.00
ALTAMONT_115KV_TB 2 55880	24.12 1.04 0.00	27.52 1.11 0.00	28.42 1.12 0.00	25.84 1.08 0.00	30.90 1.30 0.00	28.81 1.16 0.00	30.01 1.21 0.00	43.63 1.79 0.00	33.19 1.34 0.00	29.25 1.10 0.00	42.23 1.54 -4.01	35.29 1.50 -0.02	39.74 1.61 -0.22	33.42 1.37 -0.25	34.41 1.36 -1.38	49.77 1.78 -4.37	45.35 1.73 0.00	54.70 2.20 0.00	41.59 1.67 -2.18	44.94 1.90 0.00	46.93 1.88 -2.58	46.72 1.91 -0.14	46.56 1.53 -7.01	31.92 1.17 0.00
ALTONA_WT_PWR 323606	0.53 -0.98 21.57	5.35 -0.98 20.08	26.70 -0.60 0.00	24.28 -0.48 0.00	29.43 -0.18 0.00	27.98 0.33 0.00	29.39 0.59 0.00	42.59 0.74 0.00	32.20 0.35 0.00	28.66 0.51 0.00	37.65 0.97 0.00	34.59 0.81 0.00	38.49 0.57 0.00	31.73 -0.07 0.00	31.26 -0.42 0.00	44.08 0.46 0.00	44.16 0.54 0.00	52.44 -0.06 0.00	37.31 -0.43 0.00	42.16 -0.88 0.00	41.12 -1.33 0.00	38.35 -1.07 5.25	37.26 -0.76 0.00	30.00 -0.75 0.00
AMERICAN_REF_FUEL 24010	22.09 -0.99 0.00	25.09 -1.33 0.00	25.63 -1.67 0.00	23.24 -1.52 0.00	27.64 -1.97 0.00	25.29 -2.36 0.00	25.98 -2.82 0.00	37.87 -3.98 0.00	29.08 -2.77 0.00	25.91 -2.25 0.00	33.65 -3.03 0.00	30.98 -2.81 0.00	35.30 -2.62 0.00	29.39 -2.46 -0.05	29.02 -2.90 -0.24	39.52 -4.29 -0.19	39.41 -4.21 0.00	47.33 -5.17 0.00	34.07 -4.07 -0.40	38.56 -4.48 0.00	38.27 -4.67 -0.48	39.62 -4.93 0.13	35.44 -3.89 -1.30	28.47 -2.28 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.00 -0.07 0.00	26.06 -0.36 0.00	26.45 -0.85 0.00	23.96 -0.80 0.00	28.68 -0.93 0.00	26.20 -1.45 0.00	27.13 -1.67 0.00	39.58 -2.27 0.00	30.34 -1.51 0.00	27.02 -1.14 0.00	35.13 -1.55 0.00	32.34 -1.44 0.00	36.69 -1.23 0.00	30.58 -1.27 -0.05	30.29 -1.63 -0.26	41.25 -2.58 -0.20	41.16 -2.46 0.00	49.59 -2.91 0.00	35.67 -2.50 -0.43	40.13 -2.92 0.00	39.69 -3.28 -0.51	40.78 -3.74 0.15	36.48 -2.94 -1.39	29.13 -1.63 0.00
ARTHUR_KILL_GT_1 23520	24.80 1.72 0.00	28.25 1.83 0.00	29.20 1.90 0.00	26.60 1.84 0.00	31.82 2.22 0.00	29.73 2.08 0.00	31.08 2.28 0.00	45.13 3.29 0.00	34.37 2.52 0.00	30.24 2.08 0.00	56.94 2.45 -17.81	36.27 2.47 -0.02	41.56 2.67 -0.97	34.32 2.32 -0.20	35.52 2.32 -1.53	61.90 2.74 -15.54	46.73 3.11 0.00	56.39 3.89 0.00	42.54 3.05 -1.75	46.46 3.42 0.00	47.57 3.04 -2.07	47.76 2.97 -0.11	46.08 2.44 -5.62	32.68 1.92 0.00
ARTHUR_KILL_2 23512	24.73 1.65 0.00	28.17 1.75 0.00	29.12 1.82 0.00	26.53 1.76 0.00	31.73 2.12 0.00	29.64 1.99 0.00	30.99 2.19 0.00	45.00 3.15 0.00	34.27 2.42 0.00	30.15 1.99 0.00	56.83 2.35 -17.81	36.18 2.38 -0.02	41.45 2.56 -0.97	34.23 2.23 -0.20	35.42 2.22 -1.53	61.77 2.61 -15.54	46.58 2.95 0.00	56.21 3.70 0.00	42.41 2.92 -1.75	46.31 3.26 0.00	47.43 2.89 -2.07	47.61 2.83 -0.11	45.96 2.32 -5.62	32.58 1.83 0.00
ARTHUR_KILL_3 23513	24.60 1.52 0.00	28.03 1.61 0.00	28.99 1.69 0.00	26.43 1.67 0.00	31.60 2.00 0.00	29.48 1.83 0.00	30.82 2.02 0.00	44.80 2.95 0.00	34.16 2.32 0.00	30.04 1.88 0.00	56.05 2.26 -17.11	36.09 2.29 -0.02	41.37 2.48 -0.97	34.15 2.15 -0.20	35.36 2.15 -1.53	61.82 2.63 -15.57	46.52 2.90 0.00	56.23 3.73 0.00	42.25 2.76 -1.75	46.12 3.08 0.00	47.33 2.80 -2.07	47.50 2.73 -0.11	45.87 2.22 -5.62	32.43 1.68 0.00
ARTHUR_KILL_COGEN 323718	24.80 1.72 0.00	28.25 1.83 0.00	29.20 1.90 0.00	26.60 1.84 0.00	31.82 2.22 0.00	29.73 2.08 0.00	31.08 2.28 0.00	45.13 3.29 0.00	34.37 2.52 0.00	30.24 2.08 0.00	56.94 2.45 -17.81	36.27 2.47 -0.02	41.56 2.67 -0.97	34.32 2.32 -0.20	35.52 2.32 -1.53	61.90 2.74 -15.54	46.73 3.11 0.00	56.39 3.89 0.00	42.54 3.05 -1.75	46.46 3.42 0.00	47.57 3.04 -2.07	47.76 2.97 -0.11	46.08 2.44 -5.62	32.68 1.92 0.00
ASHOKAN____ 23654	25.09 2.02 0.00	28.62 2.20 0.00	29.53 2.23 0.00	26.85 2.08 0.00	32.13 2.52 0.00	30.02 2.37 0.00	31.29 2.49 0.00	45.58 3.73 0.00	34.58 2.74 0.00	30.43 2.28 0.00	39.46 2.78 0.00	36.31 2.51 -0.02	40.85 2.93 0.00	34.56 2.54 -0.23	35.19 2.38 -1.14	48.14 3.62 -0.91	47.45 3.83 0.00	57.43 4.93 0.00	43.42 3.70 -1.97	47.24 4.19 0.00	48.86 4.07 -2.33	48.87 4.08 -0.12	47.40 3.05 -6.32	33.22 2.47 0.00

ASTORIA_EAST_ENERGY_CC1 323581	24.68 1.61 0.00	28.10 1.68 0.00	29.06 1.76 0.00	26.43 1.67 0.00	31.62 2.02 0.00	29.49 1.85 0.00	30.87 2.07 0.00	45.00 3.15 0.00	34.26 2.41 0.00	30.13 1.98 0.00	56.91 2.42 -17.81	36.23 2.44 -0.02	41.54 2.65 -0.97	34.27 2.26 -0.20	35.43 2.23 -1.53	61.90 2.73 -15.54	46.67 3.05 0.00	56.29 3.79 0.00	42.36 2.86 -1.75	46.27 3.23 0.00	47.45 2.92 -2.07	47.59 2.81 -0.11	45.96 2.32 -5.62	32.55 1.80 0.00
ASTORIA_EAST_ENERGY_CC2 323582	24.68 1.61 0.00	28.11 1.69 0.00	29.07 1.77 0.00	26.43 1.67 0.00	31.63 2.02 0.00	29.49 1.85 0.00	30.87 2.07 0.00	45.00 3.15 0.00	34.26 2.41 0.00	30.13 1.98 0.00	56.91 2.43 -17.81	36.24 2.44 -0.02	41.55 2.66 -0.97	34.27 2.26 -0.20	35.43 2.23 -1.53	61.90 2.74 -15.54	46.67 3.05 0.00	56.29 3.79 0.00	42.36 2.87 -1.75	46.27 3.23 0.00	47.45 2.92 -2.07	47.59 2.81 -0.11	45.96 2.32 -5.62	32.55 1.80 0.00
ASTORIA_GT2_1 24094	24.68 1.61 0.00	28.11 1.70 0.00	29.07 1.77 0.00	26.43 1.67 0.00	31.64 2.04 0.00	29.50 1.85 0.00	30.89 2.08 0.00	45.01 3.17 0.00	34.27 2.43 0.00	30.15 2.00 0.00	56.94 2.45 -17.81	36.25 2.46 -0.02	41.57 2.68 -0.97	34.29 2.28 -0.20	35.45 2.25 -1.53	61.91 2.76 -15.54	46.70 3.08 0.00	56.31 3.82 0.00	42.38 2.88 -1.75	46.29 3.25 0.00	47.48 2.95 -2.07	47.61 2.83 -0.11	46.00 2.35 -5.62	32.57 1.82 0.00
ASTORIA_GT2_2 24095	24.68 1.61 0.00	28.11 1.70 0.00	29.07 1.77 0.00	26.43 1.67 0.00	31.64 2.04 0.00	29.50 1.85 0.00	30.89 2.08 0.00	45.01 3.17 0.00	34.27 2.43 0.00	30.15 2.00 0.00	56.94 2.45 -17.81	36.25 2.46 -0.02	41.57 2.68 -0.97	34.29 2.28 -0.20	35.45 2.25 -1.53	61.91 2.76 -15.54	46.70 3.08 0.00	56.31 3.82 0.00	42.38 2.88 -1.75	46.29 3.25 0.00	47.48 2.95 -2.07	47.61 2.83 -0.11	46.00 2.35 -5.62	32.57 1.82 0.00
ASTORIA_GT2_3 24096	24.68 1.61 0.00	28.11 1.70 0.00	29.07 1.77 0.00	26.43 1.67 0.00	31.64 2.04 0.00	29.50 1.85 0.00	30.89 2.08 0.00	45.01 3.17 0.00	34.27 2.43 0.00	30.15 2.00 0.00	56.94 2.45 -17.81	36.25 2.46 -0.02	41.57 2.68 -0.97	34.29 2.28 -0.20	35.45 2.25 -1.53	61.91 2.76 -15.54	46.70 3.08 0.00	56.31 3.82 0.00	42.38 2.88 -1.75	46.29 3.25 0.00	47.48 2.95 -2.07	47.61 2.83 -0.11	46.00 2.35 -5.62	32.57 1.82 0.00
ASTORIA_GT2_4 24097	24.68 1.61 0.00	28.11 1.70 0.00	29.07 1.77 0.00	26.43 1.67 0.00	31.64 2.04 0.00	29.50 1.85 0.00	30.89 2.08 0.00	45.01 3.17 0.00	34.27 2.43 0.00	30.15 2.00 0.00	56.94 2.45 -17.81	36.25 2.46 -0.02	41.57 2.68 -0.97	34.29 2.28 -0.20	35.45 2.25 -1.53	61.91 2.76 -15.54	46.70 3.08 0.00	56.31 3.82 0.00	42.38 2.88 -1.75	46.29 3.25 0.00	47.48 2.95 -2.07	47.61 2.83 -0.11	46.00 2.35 -5.62	32.57 1.82 0.00
ASTORIA_GT3_1 24098	24.68 1.61 0.00	28.11 1.70 0.00	29.07 1.77 0.00	26.43 1.67 0.00	31.64 2.04 0.00	29.50 1.85 0.00	30.89 2.08 0.00	45.01 3.17 0.00	34.27 2.43 0.00	30.15 2.00 0.00	56.94 2.45 -17.81	36.25 2.46 -0.02	41.57 2.68 -0.97	34.29 2.28 -0.20	35.45 2.25 -1.53	61.91 2.76 -15.54	46.70 3.08 0.00	56.31 3.82 0.00	42.38 2.88 -1.75	46.29 3.25 0.00	47.48 2.95 -2.07	47.61 2.83 -0.11	46.00 2.35 -5.62	32.57 1.82 0.00
ASTORIA_GT3_2 24099	24.68 1.61 0.00	28.11 1.70 0.00	29.07 1.77 0.00	26.43 1.67 0.00	31.64 2.04 0.00	29.50 1.85 0.00	30.89 2.08 0.00	45.01 3.17 0.00	34.27 2.43 0.00	30.15 2.00 0.00	56.94 2.45 -17.81	36.25 2.46 -0.02	41.57 2.68 -0.97	34.29 2.28 -0.20	35.45 2.25 -1.53	61.91 2.76 -15.54	46.70 3.08 0.00	56.31 3.82 0.00	42.38 2.88 -1.75	46.29 3.25 0.00	47.48 2.95 -2.07	47.61 2.83 -0.11	46.00 2.35 -5.62	32.57 1.82 0.00
ASTORIA_GT3_3 24100	24.68 1.61 0.00	28.11 1.70 0.00	29.07 1.77 0.00	26.43 1.67 0.00	31.64 2.04 0.00	29.50 1.85 0.00	30.89 2.08 0.00	45.01 3.17 0.00	34.27 2.43 0.00	30.15 2.00 0.00	56.94 2.45 -17.81	36.25 2.46 -0.02	41.57 2.68 -0.97	34.29 2.28 -0.20	35.45 2.25 -1.53	61.91 2.76 -15.54	46.70 3.08 0.00	56.31 3.82 0.00	42.38 2.88 -1.75	46.29 3.25 0.00	47.48 2.95 -2.07	47.61 2.83 -0.11	46.00 2.35 -5.62	32.57 1.82 0.00
ASTORIA_GT3_4 24101	24.68 1.61 0.00	28.11 1.70 0.00	29.07 1.77 0.00	26.43 1.67 0.00	31.64 2.04 0.00	29.50 1.85 0.00	30.89 2.08 0.00	45.01 3.17 0.00	34.27 2.43 0.00	30.15 2.00 0.00	56.94 2.45 -17.81	36.25 2.46 -0.02	41.57 2.68 -0.97	34.29 2.28 -0.20	35.45 2.25 -1.53	61.91 2.76 -15.54	46.70 3.08 0.00	56.31 3.82 0.00	42.38 2.88 -1.75	46.29 3.25 0.00	47.48 2.95 -2.07	47.61 2.83 -0.11	46.00 2.35 -5.62	32.57 1.82 0.00
ASTORIA_GT4_1 24102	24.68 1.61 0.00	28.11 1.70 0.00	29.07 1.77 0.00	26.43 1.67 0.00	31.64 2.04 0.00	29.50 1.85 0.00	30.89 2.08 0.00	45.01 3.17 0.00	34.27 2.43 0.00	30.15 2.00 0.00	56.94 2.45 -17.81	36.25 2.46 -0.02	41.57 2.68 -0.97	34.29 2.28 -0.20	35.45 2.25 -1.53	61.91 2.76 -15.54	46.70 3.08 0.00	56.31 3.82 0.00	42.38 2.88 -1.75	46.29 3.25 0.00	47.48 2.95 -2.07	47.61 2.83 -0.11	46.00 2.35 -5.62	32.57 1.82 0.00
ASTORIA_GT4_2 24103	24.68 1.61 0.00	28.11 1.70 0.00	29.07 1.77 0.00	26.43 1.67 0.00	31.64 2.04 0.00	29.50 1.85 0.00	30.89 2.08 0.00	45.01 3.17 0.00	34.27 2.43 0.00	30.15 2.00 0.00	56.94 2.45 -17.81	36.25 2.46 -0.02	41.57 2.68 -0.97	34.29 2.28 -0.20	35.45 2.25 -1.53	61.91 2.76 -15.54	46.70 3.08 0.00	56.31 3.82 0.00	42.38 2.88 -1.75	46.29 3.25 0.00	47.48 2.95 -2.07	47.61 2.83 -0.11	46.00 2.35 -5.62	32.57 1.82 0.00
ASTORIA_GT4_3 24104	24.68 1.61 0.00	28.11 1.70 0.00	29.07 1.77 0.00	26.43 1.67 0.00	31.64 2.04 0.00	29.50 1.85 0.00	30.89 2.08 0.00	45.01 3.17 0.00	34.27 2.43 0.00	30.15 2.00 0.00	56.94 2.45 -17.81	36.25 2.46 -0.02	41.57 2.68 -0.97	34.29 2.28 -0.20	35.45 2.25 -1.53	61.91 2.76 -15.54	46.70 3.08 0.00	56.31 3.82 0.00	42.38 2.88 -1.75	46.29 3.25 0.00	47.48 2.95 -2.07	47.61 2.83 -0.11	46.00 2.35 -5.62	32.57 1.82 0.00
ASTORIA_GT4_4 24105	24.68 1.61 0.00	28.11 1.70 0.00	29.07 1.77 0.00	26.43 1.67 0.00	31.64 2.04 0.00	29.50 1.85 0.00	30.89 2.08 0.00	45.01 3.17 0.00	34.27 2.43 0.00	30.15 2.00 0.00	56.94 2.45 -17.81	36.25 2.46 -0.02	41.57 2.68 -0.97	34.29 2.28 -0.20	35.45 2.25 -1.53	61.91 2.76 -15.54	46.70 3.08 0.00	56.31 3.82 0.00	42.38 2.88 -1.75	46.29 3.25 0.00	47.48 2.95 -2.07	47.61 2.83 -0.11	46.00 2.35 -5.62	32.57 1.82 0.00
ASTORIA_GT_1 23523	24.75 1.67 0.00	28.16 1.75 0.00	29.12 1.82 0.00	26.49 1.73 0.00	31.70 2.09 0.00	29.55 1.91 0.00	30.95 2.15 0.00	45.12 3.28 0.00	34.35 2.50 0.00	30.22 2.06 0.00	57.02 2.53 -17.81	36.33 2.54 -0.02	41.66 2.77 -0.97	34.36 2.36 -0.20	35.53 2.32 -1.53	62.02 2.87 -15.54	46.80 3.18 0.00	56.45 3.95 0.00	42.47 2.98 -1.75	46.40 3.36 0.00	47.58 3.04 -2.07	47.72 2.93 -0.11	46.07 2.42 -5.62	32.64 1.89 0.00

ASTORIA_GT_10 24110	24.78 1.70 0.00	28.26 1.85 0.00	29.21 1.91 0.00	26.60 1.84 0.00	31.78 2.17 0.00	29.64 1.99 0.00	31.04 2.24 0.00	45.17 3.32 0.00	34.42 2.57 0.00	30.25 2.10 0.00	57.09 2.60 -17.81	36.41 2.62 -0.02	41.73 2.84 -0.97	34.45 2.44 -0.20	35.61 2.41 -1.53	62.12 2.96 -15.54	46.82 3.20 0.00	56.56 4.06 0.00	42.52 3.02 -1.75	46.43 3.39 0.00	47.63 3.10 -2.07	47.80 3.02 -0.11	46.13 2.49 -5.62	32.65 1.90 0.00
ASTORIA_GT_11 24225	24.78 1.70 0.00	28.26 1.85 0.00	29.21 1.91 0.00	26.60 1.84 0.00	31.78 2.17 0.00	29.64 1.99 0.00	31.04 2.24 0.00	45.17 3.32 0.00	34.42 2.57 0.00	30.25 2.10 0.00	57.09 2.60 -17.81	36.41 2.62 -0.02	41.73 2.84 -0.97	34.45 2.44 -0.20	35.61 2.41 -1.53	62.12 2.96 -15.54	46.82 3.20 0.00	56.56 4.06 0.00	42.52 3.02 -1.75	46.43 3.39 0.00	47.63 3.10 -2.07	47.80 3.02 -0.11	46.13 2.49 -5.62	32.65 1.90 0.00
ASTORIA_GT_12 24226	24.78 1.70 0.00	28.26 1.85 0.00	29.21 1.91 0.00	26.60 1.84 0.00	31.78 2.17 0.00	29.64 1.99 0.00	31.04 2.24 0.00	45.17 3.32 0.00	34.42 2.57 0.00	30.25 2.10 0.00	57.09 2.60 -17.81	36.41 2.62 -0.02	41.73 2.84 -0.97	34.45 2.44 -0.20	35.61 2.41 -1.53	62.12 2.96 -15.54	46.82 3.20 0.00	56.56 4.06 0.00	42.52 3.02 -1.75	46.43 3.39 0.00	47.63 3.10 -2.07	47.80 3.02 -0.11	46.13 2.49 -5.62	32.65 1.90 0.00
ASTORIA_GT_13 24227	24.78 1.70 0.00	28.26 1.85 0.00	29.21 1.91 0.00	26.60 1.84 0.00	31.78 2.17 0.00	29.64 1.99 0.00	31.04 2.24 0.00	45.17 3.32 0.00	34.42 2.57 0.00	30.25 2.10 0.00	57.09 2.60 -17.81	36.41 2.62 -0.02	41.73 2.84 -0.97	34.45 2.44 -0.20	35.61 2.41 -1.53	62.12 2.96 -15.54	46.82 3.20 0.00	56.56 4.06 0.00	42.52 3.02 -1.75	46.43 3.39 0.00	47.63 3.10 -2.07	47.80 3.02 -0.11	46.13 2.49 -5.62	32.65 1.90 0.00
ASTORIA_GT_5 24106	24.75 1.67 0.00	28.16 1.75 0.00	29.12 1.82 0.00	26.49 1.73 0.00	31.70 2.09 0.00	29.55 1.91 0.00	30.95 2.15 0.00	45.12 3.28 0.00	34.35 2.50 0.00	30.22 2.06 0.00	57.02 2.53 -17.81	36.33 2.54 -0.02	41.66 2.77 -0.97	34.36 2.36 -0.20	35.53 2.32 -1.53	62.02 2.87 -15.54	46.80 3.18 0.00	56.45 3.95 0.00	42.47 2.98 -1.75	46.40 3.36 0.00	47.58 3.04 -2.07	47.72 2.93 -0.11	46.07 2.42 -5.62	32.64 1.89 0.00
ASTORIA_GT_7 24107	24.75 1.67 0.00	28.16 1.75 0.00	29.12 1.82 0.00	26.49 1.73 0.00	31.70 2.09 0.00	29.55 1.91 0.00	30.95 2.15 0.00	45.12 3.28 0.00	34.35 2.50 0.00	30.22 2.06 0.00	57.02 2.53 -17.81	36.33 2.54 -0.02	41.66 2.77 -0.97	34.36 2.36 -0.20	35.53 2.32 -1.53	62.02 2.87 -15.54	46.80 3.18 0.00	56.45 3.95 0.00	42.47 2.98 -1.75	46.40 3.36 0.00	47.58 3.04 -2.07	47.72 2.93 -0.11	46.07 2.42 -5.62	32.64 1.89 0.00
ASTORIA_GT_8 24108	24.73 1.66 0.00	28.17 1.75 0.00	29.12 1.82 0.00	26.48 1.72 0.00	31.70 2.09 0.00	29.55 1.90 0.00	30.94 2.14 0.00	45.12 3.28 0.00	34.35 2.50 0.00	30.22 2.06 0.00	57.02 2.54 -17.81	36.33 2.54 -0.02	41.65 2.76 -0.97	34.36 2.36 -0.20	35.53 2.32 -1.53	62.02 2.86 -15.54	46.80 3.18 0.00	56.44 3.94 0.00	42.47 2.98 -1.75	46.40 3.36 0.00	47.58 3.04 -2.07	47.72 2.93 -0.11	46.07 2.43 -5.62	32.63 1.88 0.00
ASTORIA___2 24149	24.70 1.63 0.00	28.11 1.69 0.00	29.07 1.77 0.00	26.44 1.68 0.00	31.64 2.04 0.00	29.50 1.86 0.00	30.89 2.09 0.00	45.01 3.17 0.00	34.27 2.42 0.00	30.15 2.00 0.00	56.94 2.45 -17.81	36.26 2.46 -0.02	41.56 2.67 -0.97	34.29 2.28 -0.20	35.45 2.25 -1.53	61.92 2.76 -15.54	46.69 3.07 0.00	56.32 3.82 0.00	42.39 2.89 -1.75	46.29 3.25 0.00	47.47 2.94 -2.07	47.62 2.84 -0.11	45.99 2.34 -5.62	32.58 1.83 0.00
ASTORIA___3 23516	24.80 1.72 0.00	28.26 1.85 0.00	29.21 1.91 0.00	26.61 1.84 0.00	31.78 2.18 0.00	29.64 1.99 0.00	31.04 2.24 0.00	45.17 3.32 0.00	34.42 2.57 0.00	30.25 2.10 0.00	57.08 2.60 -17.81	36.41 2.62 -0.02	41.73 2.84 -0.97	34.44 2.44 -0.20	35.61 2.41 -1.53	62.12 2.96 -15.54	46.83 3.21 0.00	56.56 4.06 0.00	42.52 3.03 -1.75	46.43 3.39 0.00	47.63 3.10 -2.07	47.80 3.02 -0.11	46.13 2.49 -5.62	32.65 1.90 0.00
ASTORIA___4 23517	24.78 1.70 0.00	28.26 1.85 0.00	29.21 1.91 0.00	26.60 1.84 0.00	31.78 2.17 0.00	29.64 1.99 0.00	31.04 2.24 0.00	45.17 3.32 0.00	34.42 2.57 0.00	30.25 2.10 0.00	57.09 2.60 -17.81	36.41 2.62 -0.02	41.73 2.84 -0.97	34.45 2.44 -0.20	35.61 2.41 -1.53	62.12 2.96 -15.54	46.82 3.20 0.00	56.56 4.06 0.00	42.52 3.02 -1.75	46.43 3.39 0.00	47.63 3.10 -2.07	47.80 3.02 -0.11	46.13 2.49 -5.62	32.65 1.90 0.00
ASTORIA___5 23518	24.80 1.72 0.00	28.26 1.85 0.00	29.21 1.91 0.00	26.61 1.84 0.00	31.78 2.18 0.00	29.64 1.99 0.00	31.04 2.24 0.00	45.17 3.32 0.00	34.42 2.57 0.00	30.25 2.10 0.00	57.08 2.60 -17.81	36.41 2.62 -0.02	41.73 2.84 -0.97	34.44 2.44 -0.20	35.61 2.41 -1.53	62.12 2.96 -15.54	46.83 3.21 0.00	56.56 4.06 0.00	42.52 3.03 -1.75	46.43 3.39 0.00	47.63 3.10 -2.07	47.80 3.02 -0.11	46.13 2.49 -5.62	32.65 1.90 0.00
AST_ENERGY_2_CC3 323677	24.68 1.60 0.00	28.12 1.71 0.00	29.08 1.78 0.00	26.53 1.77 0.00	31.73 2.12 0.00	29.55 1.90 0.00	30.90 2.10 0.00	44.93 3.09 0.00	34.26 2.42 0.00	30.13 1.97 0.00	56.94 2.42 -17.85	36.24 2.44 -0.02	41.54 2.65 -0.98	34.29 2.28 -0.20	35.48 2.28 -1.53	62.09 2.90 -15.58	46.76 3.14 0.00	56.50 4.00 0.00	42.45 2.96 -1.75	46.35 3.31 0.00	47.53 3.00 -2.07	47.73 2.94 -0.11	46.06 2.41 -5.62	32.59 1.83 0.00
AST_ENERGY_2_CC4 323678	24.68 1.60 0.00	28.12 1.71 0.00	29.08 1.78 0.00	26.53 1.77 0.00	31.73 2.12 0.00	29.55 1.90 0.00	30.90 2.10 0.00	44.93 3.09 0.00	34.26 2.42 0.00	30.13 1.97 0.00	56.94 2.42 -17.85	36.24 2.44 -0.02	41.54 2.65 -0.98	34.29 2.28 -0.20	35.48 2.28 -1.53	62.09 2.90 -15.58	46.76 3.14 0.00	56.50 4.00 0.00	42.45 2.96 -1.75	46.35 3.31 0.00	47.53 3.00 -2.07	47.73 2.94 -0.11	46.06 2.41 -5.62	32.59 1.83 0.00
ATHENS_STG_1 23668	24.15 1.08 0.00	27.55 1.14 0.00	28.47 1.17 0.00	25.90 1.14 0.00	30.98 1.37 0.00	28.86 1.21 0.00	30.09 1.29 0.00	43.72 1.88 0.00	33.27 1.42 0.00	29.36 1.20 0.00	42.91 1.66 -4.57	35.45 1.65 -0.02	39.97 1.80 -0.25	33.53 1.50 -0.23	34.42 1.49 -1.26	50.15 1.86 -4.67	45.46 1.84 0.00	54.81 2.31 0.00	41.49 1.81 -1.94	45.09 2.04 0.00	46.70 1.95 -2.29	46.76 1.97 -0.12	45.85 1.62 -6.22	32.01 1.26 0.00
ATHENS_STG_2 23670	24.15 1.08 0.00	27.55 1.14 0.00	28.47 1.17 0.00	25.90 1.14 0.00	30.98 1.37 0.00	28.86 1.21 0.00	30.09 1.29 0.00	43.72 1.88 0.00	33.27 1.42 0.00	29.36 1.20 0.00	42.91 1.66 -4.57	35.45 1.65 -0.02	39.97 1.80 -0.25	33.53 1.50 -0.23	34.42 1.49 -1.26	50.15 1.86 -4.67	45.46 1.84 0.00	54.81 2.31 0.00	41.49 1.81 -1.94	45.09 2.04 0.00	46.70 1.95 -2.29	46.76 1.97 -0.12	45.85 1.62 -6.22	32.01 1.26 0.00

ATHENS_STG_3 23677	24.15 1.08 0.00	27.55 1.14 0.00	28.47 1.17 0.00	25.90 1.14 0.00	30.98 1.37 0.00	28.86 1.21 0.00	30.09 1.29 0.00	43.72 1.88 0.00	33.27 1.42 0.00	29.36 1.20 0.00	42.91 1.66 -4.57	35.45 1.65 -0.02	39.97 1.80 -0.25	33.53 1.50 -0.23	34.42 1.49 -1.26	50.15 1.86 -4.67	45.46 1.84 0.00	54.81 2.31 0.00	41.49 1.81 -1.94	45.09 2.04 0.00	46.70 1.95 -2.29	46.76 1.97 -0.12	45.85 1.62 -6.22	32.01 1.26 0.00
AUBURN____LFGE 323710	23.24 0.17 0.00	26.64 0.22 0.00	27.47 0.17 0.00	24.89 0.13 0.00	29.79 0.19 0.00	27.74 0.09 0.00	28.82 0.02 0.00	41.99 0.14 0.00	32.06 0.21 0.00	28.38 0.23 0.00	36.89 0.21 0.00	33.90 0.11 0.00	37.90 -0.02 0.00	31.84 -0.01 -0.05	31.82 -0.06 -0.22	43.71 -0.08 -0.17	43.59 -0.04 0.00	52.78 0.27 0.00	38.15 0.05 -0.36	43.07 0.03 0.00	42.82 -0.07 -0.43	44.46 -0.27 -0.07	39.08 -0.10 -1.17	30.75 0.00 0.00
BABYLON_RES_REC 323704	49.18 2.41 -23.70	46.30 2.62 -17.25	51.61 2.75 -21.56	46.29 2.61 -18.92	48.57 3.07 -15.89	81.03 2.86 -50.52	87.54 2.95 -55.78	63.10 4.05 -17.20	34.76 2.92 0.00	30.43 2.28 0.00	57.28 2.88 -17.72	36.73 2.86 -0.09	42.56 3.33 -1.31	40.31 2.68 -5.84	35.76 2.55 -1.53	84.68 3.58 -37.49	138.65 3.76 -91.26	188.23 4.74 -130.98	291.48 3.62 -250.12	317.40 4.12 -270.24	116.50 3.86 -70.18	92.60 4.23 -43.70	70.86 3.50 -29.34	81.97 2.79 -48.42
BABYLON__69_KV_BK2 356345	49.89 2.74 -24.07	46.99 3.05 -17.53	52.32 3.11 -21.91	46.97 2.99 -19.22	49.25 3.50 -16.14	82.22 3.25 -51.32	88.95 3.47 -56.67	64.32 5.00 -17.48	35.47 3.62 0.00	31.02 2.86 0.00	58.04 3.64 -17.72	37.43 3.56 -0.09	43.35 4.13 -1.31	41.12 3.45 -5.87	36.54 3.34 -1.53	86.01 4.63 -37.77	141.22 4.89 -92.71	191.67 6.11 -133.06	296.16 4.52 -253.90	322.63 5.14 -274.44	118.49 4.77 -71.26	93.92 4.88 -44.36	71.80 4.06 -29.72	83.19 3.25 -49.19
BALL_HILL_WT_PWR 323825	22.99 -0.08 0.00	26.13 -0.29 0.00	26.64 -0.66 0.00	24.15 -0.61 0.00	28.87 -0.74 0.00	26.40 -1.25 0.00	27.23 -1.58 0.00	39.73 -2.12 0.00	30.44 -1.41 0.00	27.07 -1.08 0.00	35.26 -1.42 0.00	32.45 -1.34 0.00	36.83 -1.08 0.00	30.64 -1.21 -0.05	30.35 -1.57 -0.25	41.36 -2.45 -0.20	41.26 -2.37 0.00	49.69 -2.81 0.00	35.73 -2.43 -0.42	40.30 -2.74 0.00	39.93 -3.04 -0.51	41.14 -3.38 0.15	36.79 -2.61 -1.38	29.38 -1.37 0.00
BARON_WINDS____WT_PWR 323822	23.12 0.05 0.00	26.25 -0.17 0.00	26.82 -0.48 0.00	24.25 -0.51 0.00	29.02 -0.59 0.00	26.73 -0.92 0.00	27.69 -1.11 0.00	40.22 -1.63 0.00	30.65 -1.20 0.00	27.20 -0.96 0.00	35.49 -1.19 0.00	32.73 -1.06 0.00	37.08 -0.83 0.00	30.87 -0.99 -0.06	30.79 -1.19 -0.31	42.03 -1.84 -0.24	41.96 -1.66 0.00	50.43 -2.07 0.00	36.34 -1.91 -0.51	40.59 -2.45 0.00	40.36 -2.71 -0.61	41.28 -3.06 0.33	37.33 -2.35 -1.66	29.32 -1.43 0.00
BARRETT_IC_1 23704	50.49 2.08 -25.33	47.12 2.26 -18.44	52.73 2.37 -23.05	47.24 2.25 -20.23	49.26 2.66 -16.99	84.10 2.45 -54.01	91.15 2.71 -59.64	64.03 3.79 -18.39	34.64 2.79 0.00	30.34 2.18 0.00	57.31 2.90 -17.73	37.47 2.90 -0.78	44.59 3.32 -3.36	53.32 2.75 -18.77	35.75 2.55 -1.53	83.74 3.56 -36.57	144.77 3.59 -97.56	196.98 4.44 -140.03	307.85 3.26 -266.85	335.44 3.72 -288.68	120.86 3.50 -74.90	103.01 3.52 -54.83	71.99 2.98 -30.99	84.89 2.37 -51.77
BARRETT_IC_10 23701	50.49 2.08 -25.33	47.12 2.26 -18.44	52.73 2.37 -23.05	47.24 2.25 -20.23	49.26 2.66 -16.99	84.10 2.45 -54.01	91.15 2.71 -59.64	64.03 3.79 -18.39	34.64 2.79 0.00	30.34 2.18 0.00	57.31 2.90 -17.73	37.47 2.90 -0.78	44.59 3.32 -3.36	53.32 2.75 -18.77	35.75 2.55 -1.53	83.74 3.56 -36.57	144.77 3.59 -97.56	196.98 4.44 -140.03	307.85 3.26 -266.85	335.44 3.72 -288.68	120.86 3.50 -74.90	103.01 3.52 -54.83	71.99 2.98 -30.99	84.89 2.37 -51.77
BARRETT_IC_11 23702	50.49 2.08 -25.33	47.12 2.26 -18.44	52.73 2.37 -23.05	47.24 2.25 -20.23	49.26 2.66 -16.99	84.10 2.45 -54.01	91.15 2.71 -59.64	64.03 3.79 -18.39	34.64 2.79 0.00	30.34 2.18 0.00	57.31 2.90 -17.73	37.47 2.90 -0.78	44.59 3.32 -3.36	53.32 2.75 -18.77	35.75 2.55 -1.53	83.74 3.56 -36.57	144.77 3.59 -97.56	196.98 4.44 -140.03	307.85 3.26 -266.85	335.44 3.72 -288.68	120.86 3.50 -74.90	103.01 3.52 -54.83	71.99 2.98 -30.99	84.89 2.37 -51.77
BARRETT_IC_12 23703	50.49 2.08 -25.33	47.12 2.26 -18.44	52.73 2.37 -23.05	47.24 2.25 -20.23	49.26 2.66 -16.99	84.10 2.45 -54.01	91.15 2.71 -59.64	64.03 3.79 -18.39	34.64 2.79 0.00	30.34 2.18 0.00	57.31 2.90 -17.73	37.47 2.90 -0.78	44.59 3.32 -3.36	53.32 2.75 -18.77	35.75 2.55 -1.53	83.74 3.56 -36.57	144.77 3.59 -97.56	196.98 4.44 -140.03	307.85 3.26 -266.85	335.44 3.72 -288.68	120.86 3.50 -74.90	103.01 3.52 -54.83	71.99 2.98 -30.99	84.89 2.37 -51.77
BARRETT_IC_2 23705	50.49 2.08 -25.33	47.12 2.26 -18.44	52.73 2.37 -23.05	47.24 2.25 -20.23	49.26 2.66 -16.99	84.10 2.45 -54.01	91.15 2.71 -59.64	64.03 3.79 -18.39	34.64 2.79 0.00	30.34 2.18 0.00	57.31 2.90 -17.73	37.47 2.90 -0.78	44.59 3.32 -3.36	53.32 2.75 -18.77	35.75 2.55 -1.53	83.74 3.56 -36.57	144.77 3.59 -97.56	196.98 4.44 -140.03	307.85 3.26 -266.85	335.44 3.72 -288.68	120.86 3.50 -74.90	103.01 3.52 -54.83	71.99 2.98 -30.99	84.89 2.37 -51.77
BARRETT_IC_3 23706	50.49 2.08 -25.33	47.12 2.26 -18.44	52.73 2.37 -23.05	47.24 2.25 -20.23	49.26 2.66 -16.99	84.10 2.45 -54.01	91.15 2.71 -59.64	64.03 3.79 -18.39	34.64 2.79 0.00	30.34 2.18 0.00	57.31 2.90 -17.73	37.47 2.90 -0.78	44.59 3.32 -3.36	53.32 2.75 -18.77	35.75 2.55 -1.53	83.74 3.56 -36.57	144.77 3.59 -97.56	196.98 4.44 -140.03	307.85 3.26 -266.85	335.44 3.72 -288.68	120.86 3.50 -74.90	103.01 3.52 -54.83	71.99 2.98 -30.99	84.89 2.37 -51.77
BARRETT_IC_4 23707	50.49 2.08 -25.33	47.12 2.26 -18.44	52.73 2.37 -23.05	47.24 2.25 -20.23	49.26 2.66 -16.99	84.10 2.45 -54.01	91.15 2.71 -59.64	64.03 3.79 -18.39	34.64 2.79 0.00	30.34 2.18 0.00	57.31 2.90 -17.73	37.47 2.90 -0.78	44.59 3.32 -3.36	53.32 2.75 -18.77	35.75 2.55 -1.53	83.74 3.56 -36.57	144.77 3.59 -97.56	196.98 4.44 -140.03	307.85 3.26 -266.85	335.44 3.72 -288.68	120.86 3.50 -74.90	103.01 3.52 -54.83	71.99 2.98 -30.99	84.89 2.37 -51.77
BARRETT_IC_5 23708	50.49 2.08 -25.33	47.12 2.26 -18.44	52.73 2.37 -23.05	47.24 2.25 -20.23	49.26 2.66 -16.99	84.10 2.45 -54.01	91.15 2.71 -59.64	64.03 3.79 -18.39	34.64 2.79 0.00	30.34 2.18 0.00	57.31 2.90 -17.73	37.47 2.90 -0.78	44.59 3.32 -3.36	53.32 2.75 -18.77	35.75 2.55 -1.53	83.74 3.56 -36.57	144.77 3.59 -97.56	196.98 4.44 -140.03	307.85 3.26 -266.85	335.44 3.72 -288.68	120.86 3.50 -74.90	103.01 3.52 -54.83	71.99 2.98 -30.99	84.89 2.37 -51.77
BARRETT_IC_6 23709	50.49 2.08 -25.33	47.12 2.26 -18.44	52.73 2.37 -23.05	47.24 2.25 -20.23	49.26 2.66 -16.99	84.10 2.45 -54.01	91.15 2.71 -59.64	64.03 3.79 -18.39	34.64 2.79 0.00	30.34 2.18 0.00	57.31 2.90 -17.73	37.47 2.90 -0.78	44.59 3.32 -3.36	53.32 2.75 -18.77	35.75 2.55 -1.53	83.74 3.56 -36.57	144.77 3.59 -97.56	196.98 4.44 -140.03	307.85 3.26 -266.85	335.44 3.72 -288.68	120.86 3.50 -74.90	103.01 3.52 -54.83	71.99 2.98 -30.99	84.89 2.37 -51.77

BARRETT_IC_7 23710	50.53 2.12 -25.33	47.21 2.35 -18.44	52.74 2.38 -23.05	47.32 2.33 -20.23	49.32 2.72 -16.99	84.16 2.50 -54.01	91.13 2.69 -59.64	64.13 3.89 -18.39	34.61 2.76 0.00	30.34 2.18 0.00	57.30 2.90 -17.72	37.47 2.91 -0.78	44.59 3.32 -3.36	53.37 2.80 -18.77	35.77 2.57 -1.53	83.59 3.41 -36.57	144.82 3.63 -97.56	197.09 4.55 -140.03	307.94 3.35 -266.85	335.51 3.79 -288.68	120.85 3.49 -74.90	103.03 3.53 -54.82	72.04 3.03 -30.99	84.96 2.44 -51.77
BARRETT_IC_8 23711	50.49 2.08 -25.33	47.12 2.26 -18.44	52.73 2.37 -23.05	47.24 2.25 -20.23	49.26 2.66 -16.99	84.10 2.45 -54.01	91.15 2.71 -59.64	64.03 3.79 -18.39	34.64 2.79 0.00	30.34 2.18 0.00	57.31 2.90 -17.73	37.47 2.90 -0.78	44.59 3.32 -3.36	53.32 2.75 -18.77	35.75 2.55 -1.53	83.74 3.56 -36.57	144.77 3.59 -97.56	196.98 4.44 -140.03	307.85 3.26 -266.85	335.44 3.72 -288.68	120.86 3.50 -74.90	103.01 3.52 -54.83	71.99 2.98 -30.99	84.89 2.37 -51.77
BARRETT_IC_9 23700	50.49 2.08 -25.33	47.12 2.26 -18.44	52.73 2.37 -23.05	47.24 2.25 -20.23	49.26 2.66 -16.99	84.10 2.45 -54.01	91.15 2.71 -59.64	64.03 3.79 -18.39	34.64 2.79 0.00	30.34 2.18 0.00	57.31 2.90 -17.73	37.47 2.90 -0.78	44.59 3.32 -3.36	53.32 2.75 -18.77	35.75 2.55 -1.53	83.74 3.56 -36.57	144.77 3.59 -97.56	196.98 4.44 -140.03	307.85 3.26 -266.85	335.44 3.72 -288.68	120.86 3.50 -74.90	103.01 3.52 -54.83	71.99 2.98 -30.99	84.89 2.37 -51.77
BARRETT___1 23545	50.49 2.08 -25.33	47.12 2.26 -18.44	52.73 2.37 -23.05	47.24 2.25 -20.23	49.26 2.66 -16.99	84.10 2.45 -54.01	91.15 2.71 -59.64	64.03 3.79 -18.39	34.64 2.79 0.00	30.34 2.18 0.00	57.31 2.90 -17.73	37.47 2.90 -0.78	44.59 3.32 -3.36	53.32 2.75 -18.77	35.75 2.55 -1.53	83.74 3.56 -36.57	144.77 3.59 -97.56	196.98 4.44 -140.03	307.85 3.26 -266.85	335.44 3.72 -288.68	120.86 3.50 -74.90	103.01 3.52 -54.83	71.99 2.98 -30.99	84.89 2.37 -51.77
BARRETT___2 23546	50.49 2.08 -25.33	47.12 2.26 -18.44	52.73 2.37 -23.05	47.24 2.25 -20.23	49.26 2.66 -16.99	84.10 2.45 -54.01	91.15 2.71 -59.64	64.03 3.79 -18.39	34.64 2.79 0.00	30.34 2.18 0.00	57.31 2.90 -17.73	37.47 2.90 -0.78	44.59 3.32 -3.36	53.32 2.75 -18.77	35.75 2.55 -1.53	83.74 3.56 -36.57	144.77 3.59 -97.56	196.98 4.44 -140.03	307.85 3.26 -266.85	335.44 3.72 -288.68	120.86 3.50 -74.90	103.01 3.52 -54.83	71.99 2.98 -30.99	84.89 2.37 -51.77
BATAVIA___115KV_TB1 55881	23.20 0.12 0.00	26.32 -0.10 0.00	26.92 -0.38 0.00	24.45 -0.30 0.00	29.09 -0.51 0.00	26.80 -0.85 0.00	27.72 -1.08 0.00	40.49 -1.36 0.00	31.07 -0.78 0.00	27.64 -0.51 0.00	35.84 -0.84 0.00	32.99 -0.79 0.00	37.31 -0.60 0.00	31.05 -0.80 -0.05	30.84 -1.06 -0.23	42.19 -1.61 -0.18	42.22 -1.40 0.00	50.82 -1.68 0.00	36.56 -1.57 -0.38	41.37 -1.67 0.00	41.01 -1.91 -0.46	42.35 -2.20 0.11	37.55 -1.72 -1.25	29.99 -0.76 0.00
BAYONEEC___CTG1 323682	24.70 1.63 0.00	28.15 1.73 0.00	29.10 1.80 0.00	26.54 1.78 0.00	31.72 2.12 0.00	29.58 1.93 0.00	30.94 2.14 0.00	44.97 3.13 0.00	34.31 2.46 0.00	30.18 2.02 0.00	56.98 2.46 -17.85	36.27 2.48 -0.02	41.58 2.69 -0.98	34.32 2.32 -0.20	35.52 2.31 -1.53	62.05 2.86 -15.58	46.72 3.10 0.00	56.47 3.97 0.00	42.43 2.93 -1.75	46.34 3.30 0.00	47.52 2.99 -2.07	47.71 2.93 -0.11	46.03 2.39 -5.62	32.58 1.83 0.00
BAYONEEC___CTG10 323750	24.70 1.63 0.00	28.15 1.73 0.00	29.10 1.80 0.00	26.54 1.78 0.00	31.72 2.12 0.00	29.58 1.93 0.00	30.94 2.14 0.00	44.97 3.13 0.00	34.31 2.46 0.00	30.18 2.02 0.00	56.98 2.46 -17.85	36.27 2.48 -0.02	41.58 2.69 -0.98	34.32 2.32 -0.20	35.52 2.31 -1.53	62.05 2.86 -15.58	46.72 3.10 0.00	56.47 3.97 0.00	42.43 2.93 -1.75	46.34 3.30 0.00	47.52 2.99 -2.07	47.71 2.93 -0.11	46.03 2.39 -5.62	32.58 1.83 0.00
BAYONEEC___CTG2 323683	24.70 1.63 0.00	28.15 1.73 0.00	29.10 1.80 0.00	26.54 1.78 0.00	31.72 2.12 0.00	29.58 1.93 0.00	30.94 2.14 0.00	44.97 3.13 0.00	34.31 2.46 0.00	30.18 2.02 0.00	56.98 2.46 -17.85	36.27 2.48 -0.02	41.58 2.69 -0.98	34.32 2.32 -0.20	35.52 2.31 -1.53	62.05 2.86 -15.58	46.72 3.10 0.00	56.47 3.97 0.00	42.43 2.93 -1.75	46.34 3.30 0.00	47.52 2.99 -2.07	47.71 2.93 -0.11	46.03 2.39 -5.62	32.58 1.83 0.00
BAYONEEC___CTG3 323684	24.70 1.63 0.00	28.15 1.73 0.00	29.10 1.80 0.00	26.54 1.78 0.00	31.72 2.12 0.00	29.58 1.93 0.00	30.94 2.14 0.00	44.97 3.13 0.00	34.31 2.46 0.00	30.18 2.02 0.00	56.98 2.46 -17.85	36.27 2.48 -0.02	41.58 2.69 -0.98	34.32 2.32 -0.20	35.52 2.31 -1.53	62.05 2.86 -15.58	46.72 3.10 0.00	56.47 3.97 0.00	42.43 2.93 -1.75	46.34 3.30 0.00	47.52 2.99 -2.07	47.71 2.93 -0.11	46.03 2.39 -5.62	32.58 1.83 0.00
BAYONEEC___CTG4 323685	24.70 1.63 0.00	28.15 1.73 0.00	29.10 1.80 0.00	26.54 1.78 0.00	31.72 2.12 0.00	29.58 1.93 0.00	30.94 2.14 0.00	44.97 3.13 0.00	34.31 2.46 0.00	30.18 2.02 0.00	56.98 2.46 -17.85	36.27 2.48 -0.02	41.58 2.69 -0.98	34.32 2.32 -0.20	35.52 2.31 -1.53	62.05 2.86 -15.58	46.72 3.10 0.00	56.47 3.97 0.00	42.43 2.93 -1.75	46.34 3.30 0.00	47.52 2.99 -2.07	47.71 2.93 -0.11	46.03 2.39 -5.62	32.58 1.83 0.00
BAYONEEC___CTG5 323686	24.70 1.63 0.00	28.15 1.73 0.00	29.10 1.80 0.00	26.54 1.78 0.00	31.72 2.12 0.00	29.58 1.93 0.00	30.94 2.14 0.00	44.97 3.13 0.00	34.31 2.46 0.00	30.18 2.02 0.00	56.98 2.46 -17.85	36.27 2.48 -0.02	41.58 2.69 -0.98	34.32 2.32 -0.20	35.52 2.31 -1.53	62.05 2.86 -15.58	46.72 3.10 0.00	56.47 3.97 0.00	42.43 2.93 -1.75	46.34 3.30 0.00	47.52 2.99 -2.07	47.71 2.93 -0.11	46.03 2.39 -5.62	32.58 1.83 0.00
BAYONEEC___CTG6 323687	24.70 1.63 0.00	28.15 1.73 0.00	29.10 1.80 0.00	26.54 1.78 0.00	31.72 2.12 0.00	29.58 1.93 0.00	30.94 2.14 0.00	44.97 3.13 0.00	34.31 2.46 0.00	30.18 2.02 0.00	56.98 2.46 -17.85	36.27 2.48 -0.02	41.58 2.69 -0.98	34.32 2.32 -0.20	35.52 2.31 -1.53	62.05 2.86 -15.58	46.72 3.10 0.00	56.47 3.97 0.00	42.43 2.93 -1.75	46.34 3.30 0.00	47.52 2.99 -2.07	47.71 2.93 -0.11	46.03 2.39 -5.62	32.58 1.83 0.00
BAYONEEC___CTG7 323688	24.70 1.63 0.00	28.15 1.73 0.00	29.10 1.80 0.00	26.54 1.78 0.00	31.72 2.12 0.00	29.58 1.93 0.00	30.94 2.14 0.00	44.97 3.13 0.00	34.31 2.46 0.00	30.18 2.02 0.00	56.98 2.46 -17.85	36.27 2.48 -0.02	41.58 2.69 -0.98	34.32 2.32 -0.20	35.52 2.31 -1.53	62.05 2.86 -15.58	46.72 3.10 0.00	56.47 3.97 0.00	42.43 2.93 -1.75	46.34 3.30 0.00	47.52 2.99 -2.07	47.71 2.93 -0.11	46.03 2.39 -5.62	32.58 1.83 0.00
BAYONEEC___CTG8 323689	24.70 1.63 0.00	28.15 1.73 0.00	29.10 1.80 0.00	26.54 1.78 0.00	31.72 2.12 0.00	29.58 1.93 0.00	30.94 2.14 0.00	44.97 3.13 0.00	34.31 2.46 0.00	30.18 2.02 0.00	56.98 2.46 -17.85	36.27 2.48 -0.02	41.58 2.69 -0.98	34.32 2.32 -0.20	35.52 2.31 -1.53	62.05 2.86 -15.58	46.72 3.10 0.00	56.47 3.97 0.00	42.43 2.93 -1.75	46.34 3.30 0.00	47.52 2.99 -2.07	47.71 2.93 -0.11	46.03 2.39 -5.62	32.58 1.83 0.00

BAYONEEC___CTG9 323749	24.70 1.63 0.00	28.15 1.73 0.00	29.10 1.80 0.00	26.54 1.78 0.00	31.72 2.12 0.00	29.58 1.93 0.00	30.94 2.14 0.00	44.97 3.13 0.00	34.31 2.46 0.00	30.18 2.02 0.00	56.98 2.46 -17.85	36.27 2.48 -0.02	41.58 2.69 -0.98	34.32 2.32 -0.20	35.52 2.31 -1.53	62.05 2.86 -15.58	46.72 3.10 0.00	56.47 3.97 0.00	42.43 2.93 -1.75	46.34 3.30 0.00	47.52 2.99 -2.07	47.71 2.93 -0.11	46.03 2.39 -5.62	32.58 1.83 0.00
BEACON___LESR 323632	24.35 1.28 0.00	27.79 1.37 0.00	28.67 1.37 0.00	26.11 1.35 0.00	31.25 1.64 0.00	29.11 1.46 0.00	30.29 1.49 0.00	44.01 2.16 0.00	33.46 1.61 0.00	29.46 1.30 0.00	42.66 1.88 -4.10	35.55 1.75 -0.02	40.14 2.00 -0.22	33.64 1.59 -0.25	34.71 1.67 -1.37	50.31 2.24 -4.45	45.66 2.04 0.00	55.21 2.71 0.00	41.98 2.07 -2.17	45.41 2.37 0.00	47.39 2.36 -2.57	47.22 2.41 -0.14	46.85 1.85 -6.98	32.14 1.39 0.00
BEAVER RIVER___HYD 24048	24.16 -0.30 -1.39	27.64 -0.06 -1.29	27.63 0.33 0.00	24.95 0.19 0.00	29.82 0.21 0.00	28.11 0.46 0.00	29.41 0.60 0.00	42.71 0.86 0.00	32.20 0.35 0.00	28.04 -0.12 0.00	36.29 -0.40 0.00	33.01 -0.77 0.00	36.89 -1.03 0.00	31.20 -0.61 -0.01	31.39 -0.34 -0.07	43.62 -0.05 -0.05	43.96 0.34 0.00	52.81 0.31 0.00	37.68 -0.18 -0.11	42.43 -0.62 0.00	41.61 -0.99 -0.13	43.71 -1.31 -0.34	37.08 -1.31 -0.37	29.56 -1.19 0.00
BEEBEE_GT_13 23619	22.81 -0.27 0.00	25.95 -0.46 0.00	26.63 -0.67 0.00	24.18 -0.57 0.00	28.83 -0.77 0.00	26.64 -1.01 0.00	27.61 -1.19 0.00	40.26 -1.58 0.00	30.81 -1.04 0.00	27.35 -0.80 0.00	35.61 -1.06 0.00	32.77 -1.01 0.00	37.08 -0.84 0.00	30.95 -0.89 -0.04	30.74 -1.14 -0.22	42.02 -1.77 -0.17	41.99 -1.63 0.00	50.55 -1.95 0.00	36.45 -1.65 -0.36	41.24 -1.80 0.00	40.99 -1.89 -0.43	42.46 -2.13 0.08	37.48 -1.70 -1.16	29.77 -0.98 0.00
BENSHRST_27_KV_BENSHRST_1 355998	24.94 1.86 0.00	28.41 2.00 0.00	29.36 2.06 0.00	26.73 1.97 0.00	31.97 2.37 0.00	29.85 2.20 0.00	31.25 2.45 0.00	45.46 3.62 0.00	34.65 2.81 0.00	30.48 2.33 0.00	57.33 2.85 -17.81	36.63 2.84 -0.02	41.98 3.10 -0.97	34.66 2.65 -0.20	35.83 2.63 -1.53	62.41 3.25 -15.54	47.16 3.54 0.00	56.99 4.49 0.00	42.87 3.38 -1.75	46.83 3.79 0.00	47.98 3.44 -2.07	48.16 3.38 -0.11	46.42 2.77 -5.62	32.88 2.13 0.00
BETHLEHEM___GRP 23843	24.00 0.93 0.00	27.39 0.97 0.00	28.29 0.99 0.00	25.71 0.95 0.00	30.75 1.14 0.00	28.64 0.99 0.00	29.69 0.89 0.00	43.13 1.28 0.00	32.81 0.96 0.00	28.92 0.76 0.00	42.06 1.29 -4.10	35.08 1.27 -0.02	39.47 1.33 -0.22	33.16 1.11 -0.25	34.17 1.13 -1.37	49.48 1.42 -4.45	44.81 1.18 0.00	54.06 1.56 0.00	41.13 1.21 -2.18	44.42 1.38 0.00	46.57 1.54 -2.58	46.36 1.55 -0.14	46.19 1.19 -6.98	31.65 0.90 0.00
BETHLEHEM___GS1 323560	24.00 0.93 0.00	27.38 0.96 0.00	28.29 0.98 0.00	25.71 0.95 0.00	30.75 1.14 0.00	28.64 0.99 0.00	29.69 0.88 0.00	43.13 1.28 0.00	32.81 0.96 0.00	28.92 0.76 0.00	42.06 1.29 -4.10	35.08 1.27 -0.02	39.47 1.33 -0.22	33.16 1.11 -0.25	34.17 1.13 -1.37	49.47 1.41 -4.45	44.81 1.19 0.00	54.07 1.57 0.00	41.13 1.21 -2.18	44.42 1.38 0.00	46.58 1.55 -2.58	46.36 1.55 -0.14	46.19 1.19 -6.98	31.65 0.90 0.00
BETHLEHEM___GS2 323561	24.00 0.93 0.00	27.38 0.96 0.00	28.29 0.98 0.00	25.71 0.95 0.00	30.75 1.14 0.00	28.64 0.99 0.00	29.69 0.88 0.00	43.13 1.28 0.00	32.81 0.96 0.00	28.92 0.76 0.00	42.06 1.29 -4.10	35.08 1.27 -0.02	39.47 1.33 -0.22	33.16 1.11 -0.25	34.17 1.13 -1.37	49.47 1.41 -4.45	44.81 1.19 0.00	54.07 1.57 0.00	41.13 1.21 -2.18	44.42 1.38 0.00	46.58 1.55 -2.58	46.36 1.55 -0.14	46.19 1.19 -6.98	31.65 0.90 0.00
BETHLEHEM___GS3 323562	24.00 0.93 0.00	27.38 0.96 0.00	28.29 0.98 0.00	25.71 0.95 0.00	30.75 1.14 0.00	28.64 0.99 0.00	29.69 0.88 0.00	43.13 1.28 0.00	32.81 0.96 0.00	28.92 0.76 0.00	42.06 1.29 -4.10	35.08 1.27 -0.02	39.47 1.33 -0.22	33.16 1.11 -0.25	34.17 1.13 -1.37	49.47 1.41 -4.45	44.81 1.19 0.00	54.07 1.57 0.00	41.13 1.21 -2.18	44.42 1.38 0.00	46.58 1.55 -2.58	46.36 1.55 -0.14	46.19 1.19 -6.98	31.65 0.90 0.00
BETHLEHEM___STEEL 23779	22.97 -0.10 0.00	26.07 -0.35 0.00	26.61 -0.69 0.00	24.17 -0.59 0.00	28.75 -0.86 0.00	26.34 -1.31 0.00	27.13 -1.67 0.00	39.53 -2.32 0.00	30.30 -1.55 0.00	26.98 -1.18 0.00	35.12 -1.56 0.00	32.32 -1.46 0.00	36.78 -1.14 0.00	30.60 -1.26 -0.05	30.27 -1.65 -0.25	41.28 -2.54 -0.20	41.20 -2.42 0.00	49.52 -2.98 0.00	35.63 -2.53 -0.42	40.24 -2.81 0.00	39.91 -3.04 -0.50	41.19 -3.34 0.14	36.79 -2.58 -1.35	29.40 -1.36 0.00
BETHLHEM_115KV_TB1 79974	24.03 0.95 0.00	27.43 1.01 0.00	28.32 1.02 0.00	25.74 0.98 0.00	30.78 1.18 0.00	28.68 1.03 0.00	29.75 0.95 0.00	43.23 1.38 0.00	32.89 1.04 0.00	28.99 0.83 0.00	42.10 1.34 -4.09	35.13 1.33 -0.02	39.53 1.39 -0.22	33.21 1.16 -0.25	34.22 1.18 -1.37	49.54 1.49 -4.44	44.92 1.30 0.00	54.20 1.70 0.00	41.22 1.30 -2.18	44.53 1.49 0.00	46.65 1.62 -2.58	46.44 1.63 -0.14	46.27 1.27 -6.98	31.71 0.96 0.00
BETHPAGE_CC_5 323564	48.35 2.21 -23.06	45.64 2.44 -16.79	50.84 2.55 -20.98	45.61 2.43 -18.41	47.93 2.86 -15.46	79.43 2.62 -49.16	85.95 2.87 -54.28	62.61 4.03 -16.74	34.80 2.96 0.00	30.48 2.33 0.00	57.39 2.99 -17.72	36.89 2.99 -0.11	42.82 3.51 -1.39	41.00 2.93 -6.27	35.94 2.74 -1.53	84.39 3.75 -37.02	136.34 3.90 -88.82	184.85 4.89 -127.46	285.16 3.60 -243.83	310.28 4.05 -263.19	114.58 3.78 -68.34	91.31 3.82 -42.82	69.93 3.20 -28.70	80.46 2.59 -47.12
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	23.13 0.05 0.00	26.25 -0.17 0.00	26.79 -0.51 0.00	24.34 -0.42 0.00	28.95 -0.66 0.00	26.53 -1.12 0.00	27.33 -1.47 0.00	39.84 -2.00 0.00	30.54 -1.31 0.00	27.18 -0.97 0.00	35.40 -1.27 0.00	32.58 -1.21 0.00	37.05 -0.86 0.00	30.82 -1.03 -0.05	30.51 -1.41 -0.25	41.60 -2.21 -0.20	41.53 -2.10 0.00	49.94 -2.56 0.00	35.93 -2.23 -0.42	40.57 -2.47 0.00	40.24 -2.72 -0.50	41.52 -3.00 0.15	37.06 -2.33 -1.36	29.61 -1.14 0.00
BINGHAMTON___COGEN 23790	23.54 0.46 0.00	26.86 0.44 0.00	27.68 0.38 0.00	25.15 0.39 0.00	30.10 0.50 0.00	27.91 0.26 0.00	29.10 0.30 0.00	42.37 0.52 0.00	32.26 0.41 0.00	28.51 0.35 0.00	37.13 0.45 0.00	34.21 0.42 -0.01	38.38 0.46 0.00	32.18 0.30 -0.08	32.33 0.26 -0.40	44.25 0.31 -0.32	43.97 0.35 0.00	53.09 0.59 0.00	38.62 0.21 -0.67	43.24 0.20 0.00	43.37 0.10 -0.81	44.60 -0.11 -0.04	40.17 -0.05 -2.19	30.87 0.12 0.00
BIXINCNT_115KV_LOAD 355685	23.83 0.75 0.00	26.97 0.56 0.00	27.47 0.17 0.00	24.90 0.14 0.00	29.61 0.00 0.00	27.10 -0.55 0.00	27.93 -0.87 0.00	40.72 -1.13 0.00	31.13 -0.72 0.00	27.71 -0.45 0.00	36.29 -0.39 0.00	33.40 -0.38 0.00	37.88 -0.03 0.00	31.35 -0.51 -0.05	31.11 -0.81 -0.26	42.50 -1.32 -0.21	42.51 -1.11 0.00	51.25 -1.25 0.00	36.76 -1.42 -0.43	41.33 -1.71 0.00	41.02 -1.95 -0.51	42.15 -2.37 0.15	37.54 -1.88 -1.40	30.17 -0.58 0.00

BLACK RIVER___HYD 24047	23.92 -0.25 -1.09	27.45 0.01 -1.02	27.78 0.48 0.00	25.10 0.34 0.00	30.00 0.39 0.00	28.32 0.67 0.00	29.76 0.96 0.00	43.25 1.40 0.00	32.56 0.71 0.00	28.17 0.01 0.00	36.29 -0.39 0.00	33.06 -0.72 0.00	36.87 -1.05 0.00	31.21 -0.61 -0.02	31.45 -0.31 -0.09	43.75 0.06 -0.07	44.29 0.67 0.00	53.34 0.84 0.00	37.94 0.04 -0.15	42.58 -0.47 0.00	41.76 -0.87 -0.18	43.55 -1.39 -0.27	37.03 -1.48 -0.49	29.38 -1.37 0.00
BLACKRVR_115KV_TB2 79977	23.92 -0.25 -1.09	27.45 0.01 -1.02	27.79 0.49 0.00	25.11 0.35 0.00	29.99 0.38 0.00	28.32 0.67 0.00	29.76 0.96 0.00	43.25 1.40 0.00	32.56 0.71 0.00	28.17 0.01 0.00	36.29 -0.39 0.00	33.06 -0.73 0.00	36.87 -1.05 0.00	31.20 -0.61 -0.02	31.46 -0.31 -0.09	43.75 0.06 -0.07	44.29 0.67 0.00	53.34 0.84 0.00	37.94 0.04 -0.15	42.58 -0.47 0.00	41.77 -0.87 -0.18	43.55 -1.39 -0.27	37.03 -1.48 -0.49	29.38 -1.37 0.00
BLISS_WT_PWR 323608	23.80 0.72 0.00	26.94 0.53 0.00	27.41 0.10 0.00	24.78 0.02 0.00	29.52 -0.09 0.00	26.97 -0.68 0.00	27.83 -0.97 0.00	40.59 -1.25 0.00	31.01 -0.84 0.00	27.61 -0.55 0.00	36.20 -0.48 0.00	33.32 -0.47 0.00	37.78 -0.14 0.00	31.25 -0.61 -0.05	31.03 -0.90 -0.26	42.39 -1.43 -0.21	42.42 -1.20 0.00	51.16 -1.34 0.00	36.67 -1.50 -0.43	41.18 -1.86 0.00	40.87 -2.11 -0.51	41.98 -2.55 0.15	37.37 -2.05 -1.40	30.08 -0.67 0.00
BLUESTONE___WT_PWR 323821	24.41 1.34 0.00	27.89 1.47 0.00	28.90 1.60 0.00	26.22 1.46 0.00	31.31 1.70 0.00	29.12 1.47 0.00	30.68 1.88 0.00	44.90 3.05 0.00	34.62 2.77 0.00	30.51 2.35 0.00	36.06 2.94 3.56	36.55 2.76 -0.01	40.71 2.99 0.19	34.32 2.42 -0.10	34.54 2.60 -0.27	48.10 4.19 -0.30	47.88 4.26 0.00	57.98 5.48 0.00	41.45 3.06 -0.65	46.41 3.36 0.00	46.30 3.00 -0.84	47.27 2.43 -0.17	41.85 1.56 -2.27	32.02 1.27 0.00
BLUE_CIRC_CHEM_DRP 24182	24.26 1.19 0.00	27.70 1.28 0.00	28.61 1.31 0.00	25.99 1.23 0.00	31.10 1.49 0.00	28.97 1.32 0.00	30.09 1.29 0.00	43.69 1.84 0.00	33.22 1.37 0.00	29.27 1.12 0.00	42.08 1.66 -3.74	35.40 1.60 -0.02	39.82 1.70 -0.20	33.49 1.44 -0.25	34.46 1.44 -1.35	49.65 1.92 -4.12	45.43 1.81 0.00	54.79 2.28 0.00	41.63 1.74 -2.15	45.05 2.01 0.00	47.03 2.03 -2.54	46.87 2.06 -0.14	46.56 1.65 -6.88	32.06 1.31 0.00
BOC_GAS_DRP 24189	24.05 0.97 0.00	27.45 1.03 0.00	28.35 1.05 0.00	25.77 1.01 0.00	30.83 1.22 0.00	28.72 1.07 0.00	29.88 1.08 0.00	43.42 1.58 0.00	33.04 1.19 0.00	29.13 0.97 0.00	42.13 1.42 -4.03	35.19 1.39 -0.02	39.63 1.49 -0.22	33.30 1.25 -0.25	34.28 1.24 -1.37	49.58 1.59 -4.38	45.13 1.50 0.00	54.42 1.92 0.00	41.39 1.47 -2.17	44.72 1.67 0.00	46.72 1.69 -2.57	46.52 1.72 -0.14	46.37 1.37 -6.98	31.82 1.07 0.00
BOONVILLE_115KV_TB1 79983	23.99 0.37 -0.54	27.47 0.55 -0.51	28.03 0.73 0.00	25.37 0.61 0.00	30.33 0.72 0.00	28.46 0.81 0.00	29.77 0.97 0.00	43.27 1.42 0.00	32.81 0.97 0.00	28.79 0.64 0.00	37.35 0.67 0.00	34.17 0.38 0.00	38.29 0.38 0.00	32.29 0.48 -0.01	32.31 0.57 -0.06	44.63 0.96 -0.05	44.78 1.16 0.00	53.92 1.42 0.00	38.66 0.82 -0.10	43.75 0.71 0.00	43.09 0.51 -0.12	45.07 0.26 -0.14	38.45 0.09 -0.34	30.77 0.02 0.00
BORALEX_4TH_BRANCH 23824	24.95 1.87 0.00	28.49 2.07 0.00	29.39 2.09 0.00	26.71 1.96 0.00	31.97 2.36 0.00	29.64 1.99 0.00	30.97 2.16 0.00	44.97 3.12 0.00	34.29 2.44 0.00	30.11 1.96 0.00	43.86 2.75 -4.44	36.43 2.63 -0.02	40.91 2.75 -0.24	34.31 2.26 -0.25	35.42 2.38 -1.38	51.54 3.19 -4.73	46.64 3.03 0.00	56.22 3.71 0.00	42.62 2.72 -2.16	46.17 3.13 0.00	48.18 3.16 -2.56	48.14 3.33 -0.14	47.66 2.69 -6.95	32.86 2.11 0.00
BOWLINE___1 23526	24.41 1.33 0.00	27.83 1.41 0.00	28.80 1.50 0.00	26.24 1.48 0.00	31.40 1.79 0.00	29.28 1.63 0.00	30.61 1.81 0.00	44.47 2.62 0.00	33.84 2.00 0.00	29.74 1.58 0.00	8.57 1.92 30.03	35.76 1.97 -0.02	38.40 2.13 1.64	33.81 1.82 -0.20	33.60 1.79 -0.14	21.47 2.10 24.24	45.89 2.27 0.00	55.48 2.98 0.00	41.65 2.21 -1.70	45.52 2.48 0.00	46.74 2.27 -2.01	46.99 2.21 -0.11	45.30 1.82 -5.46	32.14 1.39 0.00
BOWLINE___2 23595	24.45 1.38 0.00	27.87 1.46 0.00	28.84 1.54 0.00	26.28 1.52 0.00	31.44 1.83 0.00	29.32 1.68 0.00	30.66 1.85 0.00	44.54 2.69 0.00	33.90 2.05 0.00	29.79 1.63 0.00	9.29 1.98 29.37	35.82 2.02 -0.02	38.50 2.19 1.61	33.87 1.87 -0.20	33.66 1.83 -0.16	22.08 2.16 23.70	45.92 2.30 0.00	55.53 3.03 0.00	41.68 2.24 -1.70	45.55 2.51 0.00	46.77 2.30 -2.01	47.02 2.24 -0.11	45.32 1.84 -5.46	32.17 1.42 0.00
BRADY___115KV_TB2 356060	24.56 -0.04 -1.53	27.95 0.12 -1.42	27.60 0.30 0.00	24.94 0.18 0.00	29.82 0.21 0.00	27.94 0.30 0.00	29.00 0.20 0.00	42.12 0.27 0.00	32.03 0.18 0.00	28.54 0.38 0.00	37.05 0.37 0.00	34.00 0.22 0.00	38.24 0.33 0.00	32.04 0.24 0.00	32.04 0.38 0.00	44.51 0.89 0.00	44.63 1.01 0.00	53.34 0.84 0.00	38.40 0.66 0.00	43.58 0.54 0.00	42.71 0.25 0.00	45.81 0.77 -0.37	38.60 0.58 0.00	31.14 0.38 0.00
BRANSCOMB___SOLAR 323811	24.39 1.32 0.00	27.82 1.40 0.00	28.73 1.43 0.00	26.11 1.35 0.00	31.26 1.66 0.00	29.20 1.55 0.00	30.67 1.87 0.00	44.65 2.80 0.00	33.92 2.07 0.00	29.72 1.57 0.00	42.78 2.09 -4.01	35.74 1.94 -0.02	40.43 2.30 -0.22	33.80 1.75 -0.25	34.97 1.91 -1.39	50.72 2.65 -4.45	46.44 2.82 0.00	55.93 3.43 0.00	42.48 2.52 -2.23	45.89 2.85 0.00	47.79 2.70 -2.64	47.67 2.86 -0.14	47.39 2.22 -7.15	32.39 1.64 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	50.26 2.69 -24.50	47.24 2.99 -17.84	52.63 3.04 -22.29	47.25 2.93 -19.56	49.47 3.43 -16.43	83.06 3.19 -52.22	89.83 3.37 -57.66	64.52 4.89 -17.79	35.42 3.57 0.00	30.98 2.82 0.00	58.02 3.61 -17.72	37.37 3.53 -0.06	43.23 4.10 -1.22	40.62 3.45 -5.38	36.52 3.32 -1.53	86.30 4.60 -38.08	142.71 4.78 -94.32	193.76 5.87 -135.38	300.10 4.39 -257.97	327.07 4.98 -279.05	119.56 4.63 -72.47	94.13 4.68 -44.78	72.07 3.91 -30.14	83.94 3.14 -50.05
BRISTLHL_115KV_TB1 79998	22.62 -0.45 0.00	25.83 -0.59 0.00	26.64 -0.66 0.00	24.17 -0.60 0.00	28.90 -0.70 0.00	26.93 -0.72 0.00	28.08 -0.72 0.00	40.83 -1.02 0.00	31.08 -0.77 0.00	27.47 -0.69 0.00	35.78 -0.89 0.00	32.95 -0.83 0.00	36.98 -0.93 0.00	31.03 -0.80 -0.03	31.03 -0.81 -0.17	42.54 -1.21 -0.13	42.50 -1.12 0.00	51.17 -1.33 0.00	37.05 -0.98 -0.28	41.96 -1.08 0.00	41.87 -0.93 -0.33	43.61 -1.07 -0.02	38.06 -0.86 -0.91	30.14 -0.61 0.00
BROOKHAVEN___DRP 24191	50.46 2.72 -24.66	47.39 3.02 -17.96	52.81 3.07 -22.44	47.41 2.96 -19.69	49.62 3.47 -16.54	83.46 3.23 -52.58	90.34 3.49 -58.05	64.78 5.02 -17.91	35.44 3.59 0.00	30.94 2.79 0.00	57.94 3.54 -17.72	37.29 3.46 -0.05	43.14 4.02 -1.20	40.48 3.41 -5.27	36.48 3.28 -1.53	86.46 4.64 -38.21	143.54 4.97 -94.95	195.05 6.26 -136.29	301.88 4.53 -259.60	329.08 5.15 -280.88	120.16 4.76 -72.95	94.47 4.80 -45.00	72.31 3.98 -30.31	84.35 3.20 -50.39

BROOKLYN_NAVY_YARD 23515	24.68 1.61 0.00	28.13 1.71 0.00	29.09 1.79 0.00	26.53 1.77 0.00	31.72 2.11 0.00	29.55 1.90 0.00	30.92 2.12 0.00	44.99 3.15 0.00	34.30 2.45 0.00	30.18 2.02 0.00	57.00 2.48 -17.85	36.29 2.50 -0.02	41.57 2.67 -0.98	34.30 2.29 -0.20	35.49 2.29 -1.53	62.04 2.85 -15.58	46.73 3.11 0.00	56.47 3.97 0.00	42.43 2.94 -1.75	46.35 3.30 0.00	47.53 3.00 -2.07	47.72 2.94 -0.11	46.02 2.38 -5.62	32.57 1.82 0.00
BROOKLYN___ARMY_DRP 323595	24.83 1.75 0.00	28.29 1.87 0.00	29.23 1.93 0.00	26.62 1.86 0.00	31.84 2.24 0.00	29.72 2.06 0.00	31.11 2.31 0.00	45.23 3.39 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.64 -0.02	41.76 2.87 -0.97	34.48 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.67 4.17 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.21 2.57 -5.62	32.72 1.98 0.00
BROOKVLE_69_KV_TB1 55790	43.57 2.10 -18.39	42.11 2.31 -13.39	46.40 2.36 -16.73	41.73 2.29 -14.68	44.65 2.72 -12.33	69.35 2.49 -39.21	74.77 2.67 -43.30	59.11 3.92 -13.35	34.74 2.88 0.00	30.49 2.33 0.00	57.44 3.04 -17.72	37.02 3.03 -0.21	43.01 3.47 -1.63	41.84 2.91 -7.14	35.92 2.72 -1.53	81.00 3.57 -33.81	118.34 3.74 -70.97	158.98 4.74 -101.74	239.00 3.47 -197.79	258.59 3.92 -211.62	101.05 3.65 -54.94	83.70 3.64 -35.40	65.10 3.04 -24.03	70.74 2.41 -37.58
BROOME_2_LFGE 323671	23.53 0.45 0.00	26.86 0.44 0.00	27.68 0.38 0.00	25.15 0.39 0.00	30.10 0.50 0.00	27.90 0.26 0.00	29.10 0.29 0.00	42.37 0.52 0.00	32.26 0.41 0.00	28.51 0.35 0.00	37.13 0.45 0.00	34.21 0.42 -0.01	38.38 0.47 0.00	32.18 0.30 -0.08	32.33 0.26 -0.40	44.25 0.31 -0.32	43.96 0.34 0.00	53.09 0.59 0.00	38.62 0.21 -0.67	43.24 0.20 0.00	43.36 0.10 -0.81	44.61 -0.11 -0.04	40.16 -0.05 -2.19	30.87 0.12 0.00
BROOME___LFGE 323600	23.53 0.45 0.00	26.86 0.44 0.00	27.68 0.38 0.00	25.15 0.39 0.00	30.10 0.50 0.00	27.90 0.26 0.00	29.10 0.29 0.00	42.37 0.52 0.00	32.26 0.41 0.00	28.51 0.35 0.00	37.13 0.45 0.00	34.21 0.42 -0.01	38.38 0.47 0.00	32.18 0.30 -0.08	32.33 0.26 -0.40	44.25 0.31 -0.32	43.96 0.34 0.00	53.09 0.59 0.00	38.62 0.21 -0.67	43.24 0.20 0.00	43.36 0.10 -0.81	44.61 -0.11 -0.04	40.16 -0.05 -2.19	30.87 0.12 0.00
BROWNFLS_115KV_TB_3_5 80003	24.94 -0.48 -2.34	28.29 -0.30 -2.18	27.32 0.02 0.00	24.68 -0.08 0.00	29.50 -0.11 0.00	27.72 0.07 0.00	28.81 0.01 0.00	41.83 -0.02 0.00	31.65 -0.20 0.00	27.85 -0.31 0.00	36.22 -0.46 0.00	33.06 -0.72 0.00	37.00 -0.92 0.00	31.16 -0.65 -0.01	31.26 -0.46 -0.05	43.26 -0.39 -0.04	43.48 -0.14 0.00	52.07 -0.43 0.00	37.31 -0.52 -0.08	42.22 -0.83 0.00	41.41 -1.14 -0.09	44.26 -0.98 -0.57	37.33 -0.95 -0.26	29.87 -0.88 0.00
BROWNSV1_27_KV_LOAD 356125	24.95 1.88 0.00	28.44 2.02 0.00	29.39 2.09 0.00	26.79 2.03 0.00	32.04 2.44 0.00	29.86 2.21 0.00	31.27 2.47 0.00	45.51 3.66 0.00	34.72 2.87 0.00	30.52 2.37 0.00	57.46 2.94 -17.85	36.71 2.91 -0.02	42.07 3.18 -0.98	34.72 2.72 -0.20	35.91 2.71 -1.53	62.62 3.43 -15.58	47.30 3.68 0.00	57.18 4.68 0.00	42.93 3.44 -1.75	46.91 3.87 0.00	48.08 3.54 -2.07	48.28 3.50 -0.11	46.50 2.86 -5.62	32.94 2.18 0.00
BURROWS___LYONSDAL 23803	23.98 0.19 -0.71	27.47 0.39 -0.66	27.94 0.64 0.00	25.27 0.51 0.00	30.20 0.60 0.00	28.38 0.73 0.00	29.69 0.89 0.00	43.14 1.29 0.00	32.67 0.82 0.00	28.57 0.42 0.00	37.05 0.37 0.00	33.81 0.03 0.00	37.87 -0.04 0.00	31.98 0.16 -0.01	32.05 0.31 -0.06	44.36 0.70 -0.05	44.56 0.94 0.00	53.62 1.12 0.00	38.39 0.54 -0.11	43.37 0.33 0.00	42.65 0.06 -0.13	44.62 -0.23 -0.18	38.02 -0.34 -0.34	30.40 -0.35 0.00
CAITHNESS_CC_1 323624	50.39 2.64 -24.67	47.24 2.87 -17.96	52.74 2.99 -22.45	47.31 2.85 -19.69	49.48 3.33 -16.55	83.38 3.15 -52.58	90.26 3.39 -58.06	64.54 4.79 -17.91	35.33 3.48 0.00	30.86 2.71 0.00	57.85 3.45 -17.72	37.21 3.38 -0.05	43.05 3.93 -1.20	40.41 3.34 -5.27	36.39 3.19 -1.53	86.38 4.55 -38.21	143.40 4.81 -94.97	194.86 6.04 -136.32	301.76 4.38 -259.64	328.90 4.93 -280.93	120.01 4.59 -72.96	94.31 4.63 -45.01	72.14 3.80 -30.31	84.21 3.05 -50.40
CALPINE BETH_PAGE_GT4 24209	47.53 2.13 -22.33	45.10 2.43 -16.26	50.08 2.46 -20.32	44.99 2.40 -17.83	47.39 2.81 -14.98	77.75 2.49 -47.61	84.09 2.72 -52.57	61.97 3.92 -16.21	34.67 2.82 0.00	30.36 2.20 0.00	57.22 2.82 -17.72	36.78 2.85 -0.15	42.73 3.34 -1.48	41.29 2.79 -6.70	35.81 2.61 -1.53	83.59 3.49 -36.48	133.34 3.68 -86.04	180.61 4.66 -123.45	277.83 3.43 -236.66	302.07 3.88 -255.15	112.28 3.57 -66.25	90.10 3.61 -41.82	69.08 3.08 -27.98	78.92 2.54 -45.63
CALPINE_BETH_PAGE_GT_4 323586	47.51 2.10 -22.33	45.03 2.36 -16.26	50.09 2.47 -20.32	44.94 2.35 -17.83	47.34 2.76 -14.98	77.74 2.49 -47.61	84.10 2.73 -52.57	61.90 3.84 -16.21	34.67 2.82 0.00	30.36 2.20 0.00	57.22 2.82 -17.72	36.78 2.85 -0.15	42.74 3.35 -1.48	41.30 2.80 -6.70	35.81 2.61 -1.53	83.64 3.54 -36.48	133.35 3.70 -86.04	180.60 4.65 -123.45	277.82 3.42 -236.66	302.04 3.85 -255.15	112.30 3.58 -66.25	90.09 3.60 -41.82	69.04 3.04 -27.98	78.88 2.49 -45.63
CALPINE_BP_GT1 23823	47.51 2.10 -22.33	45.03 2.36 -16.26	50.09 2.47 -20.32	44.94 2.35 -17.83	47.34 2.76 -14.98	77.74 2.49 -47.61	84.10 2.73 -52.57	61.90 3.84 -16.21	34.67 2.82 0.00	30.36 2.20 0.00	57.22 2.82 -17.72	36.78 2.85 -0.15	42.74 3.35 -1.48	41.30 2.80 -6.70	35.81 2.61 -1.53	83.64 3.54 -36.48	133.35 3.70 -86.04	180.60 4.65 -123.45	277.82 3.42 -236.66	302.04 3.85 -255.15	112.30 3.58 -66.25	90.09 3.60 -41.82	69.04 3.04 -27.98	78.88 2.49 -45.63
CALSPAN___DRP 24200	22.97 -0.10 0.00	26.07 -0.35 0.00	26.61 -0.69 0.00	24.17 -0.59 0.00	28.75 -0.86 0.00	26.34 -1.31 0.00	27.13 -1.67 0.00	39.53 -2.32 0.00	30.30 -1.55 0.00	26.98 -1.18 0.00	35.12 -1.56 0.00	32.32 -1.46 0.00	36.78 -1.14 0.00	30.60 -1.26 -0.05	30.27 -1.65 -0.25	41.28 -2.54 -0.20	41.20 -2.42 0.00	49.52 -2.98 0.00	35.63 -2.53 -0.42	40.24 -2.81 0.00	39.91 -3.04 -0.50	41.19 -3.34 0.14	36.79 -2.58 -1.35	29.40 -1.36 0.00
CALVERTON___SOLAR 323806	50.55 2.82 -24.66	47.43 3.06 -17.96	52.93 3.19 -22.44	47.49 3.03 -19.69	49.70 3.56 -16.54	83.58 3.35 -52.57	90.49 3.64 -58.05	64.91 5.15 -17.91	35.57 3.72 0.00	31.05 2.89 0.00	58.06 3.65 -17.72	37.38 3.55 -0.05	43.24 4.13 -1.20	40.60 3.53 -5.27	36.61 3.41 -1.53	86.69 4.87 -38.21	143.78 5.21 -94.95	195.32 6.53 -136.29	302.07 4.74 -259.59	329.26 5.35 -280.87	120.37 4.97 -72.95	94.68 5.01 -45.00	72.44 4.11 -30.31	84.43 3.29 -50.39
CANDIGU_WT_PWR 323617	23.12 0.05 0.00	26.25 -0.17 0.00	26.82 -0.48 0.00	24.25 -0.51 0.00	29.02 -0.59 0.00	26.73 -0.92 0.00	27.69 -1.11 0.00	40.22 -1.63 0.00	30.65 -1.20 0.00	27.20 -0.96 0.00	35.49 -1.19 0.00	32.73 -1.06 0.00	37.08 -0.83 0.00	30.87 -0.99 -0.06	30.79 -1.19 -0.31	42.03 -1.84 -0.24	41.96 -1.66 0.00	50.43 -2.07 0.00	36.34 -1.91 -0.51	40.59 -2.45 0.00	40.36 -2.71 -0.61	41.28 -3.06 0.33	37.33 -2.35 -1.66	29.32 -1.43 0.00

CARR STREET_E__SYR 24060	22.80 -0.27 0.00	26.05 -0.37 0.00	26.85 -0.45 0.00	24.36 -0.40 0.00	29.15 -0.46 0.00	27.12 -0.53 0.00	28.24 -0.56 0.00	41.00 -0.85 0.00	31.23 -0.62 0.00	27.61 -0.55 0.00	35.97 -0.71 0.00	33.12 -0.66 0.00	37.18 -0.73 0.00	31.18 -0.66 -0.04	31.19 -0.65 -0.18	42.72 -1.04 -0.14	42.63 -0.99 0.00	51.36 -1.14 0.00	37.16 -0.88 -0.30	42.14 -0.90 0.00	42.20 -0.62 -0.36	43.92 -0.77 -0.02	38.40 -0.59 -0.97	30.38 -0.37 0.00
CARTHAGE__PAPER 23857	24.16 -0.12 -1.21	27.70 0.16 -1.12	27.90 0.60 0.00	25.20 0.44 0.00	30.11 0.51 0.00	28.43 0.78 0.00	29.80 1.00 0.00	43.30 1.46 0.00	32.63 0.78 0.00	28.33 0.18 0.00	36.59 -0.09 0.00	33.30 -0.48 0.00	37.19 -0.73 0.00	31.46 -0.36 -0.02	31.67 -0.09 -0.08	44.06 0.38 -0.07	44.50 0.88 0.00	53.52 1.02 0.00	38.15 0.27 -0.14	42.87 -0.17 0.00	42.03 -0.59 -0.16	43.98 -1.00 -0.30	37.35 -1.12 -0.44	29.70 -1.05 0.00
CASSADAGA_WT_PWR 323784	23.30 0.23 0.00	26.41 -0.01 0.00	26.80 -0.50 0.00	24.32 -0.44 0.00	29.08 -0.53 0.00	26.55 -1.11 0.00	27.50 -1.30 0.00	40.10 -1.74 0.00	30.74 -1.11 0.00	27.40 -0.75 0.00	35.64 -1.04 0.00	32.83 -0.95 0.00	37.20 -0.71 0.00	30.97 -0.88 -0.05	30.70 -1.23 -0.26	41.73 -2.10 -0.20	41.69 -1.93 0.00	50.19 -2.32 0.00	36.12 -2.05 -0.43	40.60 -2.44 0.00	40.08 -2.90 -0.51	41.17 -3.35 0.15	36.79 -2.62 -1.39	29.43 -1.32 0.00
CE_DUNWOOD__DRP 24194	24.63 1.55 0.00	28.09 1.68 0.00	29.05 1.75 0.00	26.45 1.69 0.00	31.65 2.04 0.00	29.51 1.86 0.00	30.87 2.07 0.00	44.88 3.03 0.00	34.17 2.32 0.00	30.04 1.89 0.00	58.12 2.34 -19.10	36.14 2.35 -0.02	41.53 2.57 -1.05	34.19 2.18 -0.20	35.39 2.15 -1.57	62.91 2.67 -16.62	46.45 2.83 0.00	56.16 3.66 0.00	42.19 2.70 -1.75	46.08 3.04 0.00	47.32 2.79 -2.07	47.52 2.74 -0.11	45.89 2.26 -5.61	32.48 1.73 0.00
CE_MILLWOOD__DRP 24193	24.58 1.50 0.00	28.03 1.61 0.00	28.99 1.69 0.00	26.40 1.64 0.00	31.59 1.98 0.00	29.46 1.81 0.00	30.81 2.01 0.00	44.79 2.94 0.00	34.09 2.25 0.00	29.97 1.81 0.00	58.92 2.25 -19.99	36.06 2.26 -0.02	41.47 2.47 -1.09	34.10 2.09 -0.20	35.33 2.07 -1.59	63.51 2.54 -17.35	46.34 2.72 0.00	56.00 3.50 0.00	42.08 2.59 -1.74	45.96 2.92 0.00	47.20 2.68 -2.06	47.41 2.63 -0.11	45.78 2.17 -5.59	32.42 1.67 0.00
CE_NYC2_DRP 24202	24.79 1.71 0.00	28.26 1.84 0.00	29.21 1.91 0.00	26.60 1.84 0.00	31.79 2.18 0.00	29.65 2.00 0.00	31.04 2.24 0.00	45.17 3.33 0.00	34.43 2.58 0.00	30.27 2.11 0.00	57.10 2.61 -17.81	36.42 2.62 -0.02	41.75 2.86 -0.97	34.46 2.45 -0.20	35.62 2.42 -1.53	62.14 2.98 -15.54	46.85 3.22 0.00	56.59 4.09 0.00	42.54 3.05 -1.75	46.44 3.40 0.00	47.64 3.11 -2.07	47.82 3.04 -0.11	46.14 2.49 -5.62	32.66 1.91 0.00
CE_NYC_DRP 24195	24.71 1.64 0.00	28.17 1.76 0.00	29.13 1.83 0.00	26.55 1.79 0.00	31.75 2.14 0.00	29.59 1.95 0.00	30.97 2.17 0.00	45.05 3.20 0.00	34.35 2.50 0.00	30.21 2.05 0.00	57.05 2.52 -17.85	36.34 2.54 -0.02	41.66 2.77 -0.98	34.37 2.37 -0.20	35.56 2.36 -1.53	62.16 2.96 -15.58	46.80 3.18 0.00	56.56 4.06 0.00	42.49 3.00 -1.75	46.40 3.36 0.00	47.58 3.05 -2.07	47.77 2.99 -0.11	46.09 2.44 -5.62	32.61 1.86 0.00
CHAFFEE__LFGE 323603	22.98 -0.09 0.00	26.13 -0.29 0.00	26.69 -0.61 0.00	24.20 -0.56 0.00	28.86 -0.75 0.00	26.43 -1.22 0.00	27.24 -1.56 0.00	39.76 -2.09 0.00	30.46 -1.39 0.00	27.11 -1.05 0.00	35.30 -1.38 0.00	32.47 -1.32 0.00	36.91 -1.01 0.00	30.73 -1.12 -0.05	30.43 -1.50 -0.25	41.47 -2.35 -0.20	41.38 -2.24 0.00	49.75 -2.75 0.00	35.82 -2.35 -0.42	40.45 -2.59 0.00	40.12 -2.84 -0.51	41.40 -3.13 0.15	36.98 -2.42 -1.38	29.49 -1.26 0.00
CHATEAUG_35_KV_LOAD 355732	-1.15 -0.97 23.25	3.83 -0.94 21.65	26.69 -0.61 0.00	24.25 -0.51 0.00	29.33 -0.28 0.00	27.90 0.25 0.00	29.29 0.49 0.00	42.47 0.63 0.00	32.14 0.29 0.00	28.63 0.47 0.00	37.55 0.87 0.00	34.47 0.69 0.00	38.36 0.45 0.00	31.62 -0.18 0.00	31.27 -0.41 0.00	44.03 0.41 0.00	44.09 0.47 0.00	52.39 -0.11 0.00	37.26 -0.48 0.00	42.25 -0.79 0.00	41.25 -1.21 0.00	38.04 -0.97 5.66	37.28 -0.74 0.00	30.03 -0.72 0.00
CHATEAUG_WT_PWR 323614	0.46 -1.08 21.54	5.28 -1.08 20.05	26.61 -0.69 0.00	24.19 -0.57 0.00	29.28 -0.33 0.00	27.84 0.19 0.00	29.24 0.43 0.00	42.37 0.52 0.00	32.04 0.20 0.00	28.54 0.38 0.00	37.47 0.79 0.00	34.41 0.63 0.00	38.29 0.38 0.00	31.54 -0.26 0.00	31.17 -0.51 0.00	43.90 0.29 0.00	43.93 0.31 0.00	52.15 -0.35 0.00	37.09 -0.65 0.00	42.01 -1.03 0.00	40.97 -1.49 0.00	38.16 -1.27 5.24	37.07 -0.95 0.00	29.86 -0.89 0.00
CHAT_HIGH_FALL_HYD 323578	-1.14 -0.97 23.25	3.83 -0.94 21.65	26.69 -0.61 0.00	24.25 -0.51 0.00	29.33 -0.28 0.00	27.90 0.25 0.00	29.29 0.49 0.00	42.47 0.63 0.00	32.14 0.29 0.00	28.63 0.47 0.00	37.55 0.87 0.00	34.47 0.68 0.00	38.36 0.45 0.00	31.62 -0.18 0.00	31.27 -0.41 0.00	44.03 0.41 0.00	44.09 0.47 0.00	52.39 -0.11 0.00	37.26 -0.48 0.00	42.25 -0.79 0.00	41.25 -1.20 0.00	38.03 -0.98 5.66	37.28 -0.74 0.00	30.02 -0.72 0.00
CHAUTAUQUA__LFGE 323629	23.09 0.02 0.00	26.21 -0.20 0.00	26.70 -0.60 0.00	24.20 -0.56 0.00	28.95 -0.66 0.00	26.47 -1.18 0.00	27.38 -1.42 0.00	39.97 -1.88 0.00	30.62 -1.23 0.00	27.24 -0.91 0.00	35.41 -1.27 0.00	32.61 -1.18 0.00	37.00 -0.92 0.00	30.82 -1.03 -0.05	30.52 -1.40 -0.26	41.59 -2.23 -0.20	41.48 -2.15 0.00	50.00 -2.50 0.00	35.96 -2.21 -0.43	40.52 -2.52 0.00	40.12 -2.85 -0.51	41.28 -3.24 0.15	36.89 -2.51 -1.38	29.45 -1.30 0.00
CHERRYST_13_KV_LD 356241	24.77 1.70 0.00	28.25 1.83 0.00	29.21 1.91 0.00	26.61 1.85 0.00	31.83 2.22 0.00	29.67 2.02 0.00	31.07 2.27 0.00	45.20 3.35 0.00	34.47 2.62 0.00	30.31 2.16 0.00	57.19 2.66 -17.85	36.45 2.66 -0.02	41.80 2.91 -0.98	34.50 2.49 -0.20	35.68 2.48 -1.53	62.32 3.12 -15.58	46.97 3.35 0.00	56.76 4.26 0.00	42.62 3.13 -1.75	46.54 3.50 0.00	47.71 3.17 -2.07	47.89 3.11 -0.11	46.19 2.55 -5.62	32.69 1.94 0.00
CHESTROR_138KV_BK263 355645	24.36 1.28 0.00	27.78 1.36 0.00	28.73 1.43 0.00	26.15 1.39 0.00	31.30 1.70 0.00	29.19 1.54 0.00	30.52 1.71 0.00	44.33 2.49 0.00	33.74 1.89 0.00	29.67 1.52 0.00	19.50 1.84 19.02	35.65 1.86 -0.01	38.89 2.02 1.04	33.70 1.71 -0.19	33.78 1.70 -0.41	30.52 2.05 15.14	45.81 2.19 0.00	55.38 2.88 0.00	41.51 2.13 -1.63	45.45 2.41 0.00	46.60 2.21 -1.93	46.94 2.17 -0.10	45.04 1.78 -5.24	32.12 1.37 0.00
CH_MIDHUDSON__DRP 24192	24.64 1.56 0.00	28.11 1.69 0.00	29.06 1.76 0.00	26.45 1.69 0.00	31.65 2.04 0.00	29.53 1.88 0.00	30.86 2.06 0.00	44.89 3.04 0.00	34.15 2.31 0.00	30.06 1.91 0.00	41.99 2.39 -2.92	36.16 2.36 -0.02	40.69 2.62 -0.16	34.21 2.21 -0.21	34.96 2.16 -1.13	49.55 2.74 -3.20	46.49 2.86 0.00	56.16 3.66 0.00	42.28 2.74 -1.80	46.13 3.09 0.00	47.46 2.87 -2.13	47.65 2.86 -0.11	46.14 2.35 -5.77	32.57 1.82 0.00

CH_MISC_IPPS 23765	24.77 1.70 0.00	28.23 1.81 0.00	29.18 1.88 0.00	26.58 1.81 0.00	31.80 2.19 0.00	29.67 2.02 0.00	31.04 2.24 0.00	45.14 3.30 0.00	34.34 2.49 0.00	30.20 2.05 0.00	39.23 2.55 0.00	36.31 2.51 -0.02	40.70 2.78 0.00	34.36 2.36 -0.21	35.01 2.31 -1.03	47.38 2.94 -0.82	46.74 3.12 0.00	56.51 4.01 0.00	42.47 2.97 -1.76	46.38 3.34 0.00	47.67 3.12 -2.09	47.89 3.11 -0.11	46.22 2.54 -5.66	32.73 1.97 0.00
CH_RES_BVR_FALLS 23983	22.66 -0.42 0.00	26.10 -0.32 0.00	27.09 -0.22 0.00	24.44 -0.31 0.00	29.19 -0.42 0.00	27.43 -0.22 0.00	28.55 -0.25 0.00	41.44 -0.41 0.00	31.40 -0.45 0.00	27.70 -0.45 0.00	36.07 -0.61 0.00	33.01 -0.77 0.00	37.19 -0.73 0.00	31.26 -0.54 0.00	31.18 -0.49 0.00	43.20 -0.42 0.00	43.17 -0.45 0.00	51.68 -0.82 0.00	37.00 -0.74 0.00	42.14 -0.90 0.00	41.48 -0.98 0.00	43.82 -0.85 0.00	37.23 -0.79 0.00	30.00 -0.74 0.00
CH_RES_NIAGARA 23895	21.95 -1.13 0.00	24.93 -1.49 0.00	25.46 -1.84 0.00	23.10 -1.66 0.00	27.44 -2.16 0.00	25.09 -2.55 0.00	25.71 -3.09 0.00	37.31 -4.53 0.00	28.67 -3.18 0.00	25.53 -2.62 0.00	33.16 -3.52 0.00	30.53 -3.26 0.00	34.80 -3.11 0.00	28.98 -2.87 -0.05	28.60 -3.31 -0.24	38.92 -4.88 -0.19	38.80 -4.81 0.00	46.59 -5.91 0.01	33.54 -4.60 -0.40	37.97 -5.07 0.00	37.70 -5.24 -0.48	39.03 -5.51 0.13	34.98 -4.34 -1.30	28.05 -2.70 0.00
CH_RES_SYRACUSE 23985	22.99 -0.09 0.00	26.30 -0.12 0.00	27.12 -0.18 0.00	24.57 -0.20 0.00	29.40 -0.21 0.00	27.39 -0.26 0.00	28.56 -0.24 0.00	41.49 -0.35 0.00	31.60 -0.24 0.00	27.94 -0.22 0.00	36.38 -0.30 0.00	33.49 -0.29 0.00	37.57 -0.35 0.00	31.53 -0.31 -0.04	31.55 -0.31 -0.19	43.22 -0.55 -0.15	43.12 -0.50 0.00	52.00 -0.50 0.00	37.63 -0.43 -0.32	42.58 -0.46 0.00	42.47 -0.37 -0.38	44.18 -0.51 -0.02	38.70 -0.36 -1.03	30.54 -0.21 0.00
CLINTON_WT_PWR 323605	0.46 -1.08 21.54	5.28 -1.08 20.05	26.61 -0.69 0.00	24.19 -0.57 0.00	29.28 -0.33 0.00	27.84 0.19 0.00	29.24 0.43 0.00	42.37 0.52 0.00	32.04 0.20 0.00	28.54 0.38 0.00	37.47 0.79 0.00	34.41 0.63 0.00	38.29 0.38 0.00	31.54 -0.26 0.00	31.17 -0.51 0.00	43.90 0.29 0.00	43.93 0.31 0.00	52.15 -0.35 0.00	37.09 -0.65 0.00	42.01 -1.03 0.00	40.97 -1.49 0.00	38.16 -1.27 5.24	37.07 -0.95 0.00	29.86 -0.89 0.00
CLINTON__LFGE 323618	-0.01 -0.49 22.60	4.93 -0.44 21.04	27.20 -0.10 0.00	24.71 -0.05 0.00	29.90 0.29 0.00	28.46 0.81 0.00	29.98 1.18 0.00	43.58 1.73 0.00	32.95 1.10 0.00	29.34 1.18 0.00	38.47 1.79 0.00	35.28 1.50 0.00	39.21 1.30 0.00	32.31 0.51 0.00	31.91 0.24 0.00	45.08 1.46 0.00	45.25 1.62 0.00	53.99 1.49 0.00	38.38 0.64 0.00	43.43 0.39 0.00	42.34 -0.12 0.00	39.33 0.16 5.50	38.12 0.10 0.00	30.63 -0.12 0.00
COBBLENY_34_KV_TB1 80064	23.02 -0.05 0.00	26.13 -0.29 0.00	26.70 -0.60 0.00	24.25 -0.51 0.00	28.86 -0.75 0.00	26.46 -1.19 0.00	27.27 -1.54 0.00	39.75 -2.09 0.00	30.46 -1.39 0.00	27.10 -1.05 0.00	35.30 -1.38 0.00	32.47 -1.31 0.00	36.92 -0.99 0.00	30.72 -1.13 -0.05	30.42 -1.50 -0.25	41.46 -2.36 -0.20	41.40 -2.23 0.00	49.78 -2.72 0.00	35.81 -2.35 -0.42	40.45 -2.59 0.00	40.14 -2.82 -0.51	41.41 -3.11 0.15	36.98 -2.41 -1.38	29.50 -1.25 0.00
COFFEEN__115KV_TB3 355620	24.29 0.12 -1.09	27.86 0.42 -1.02	28.19 0.89 0.00	25.49 0.73 0.00	30.47 0.86 0.00	28.80 1.15 0.00	30.31 1.51 0.00	44.11 2.26 0.00	33.19 1.34 0.00	28.69 0.53 0.00	36.95 0.27 0.00	33.70 -0.08 0.00	37.66 -0.26 0.00	31.87 0.05 -0.02	32.11 0.35 -0.09	44.70 1.02 -0.07	45.29 1.67 0.00	54.61 2.11 0.00	38.85 0.96 -0.15	43.58 0.54 0.00	42.73 0.09 -0.18	44.45 -0.50 -0.27	37.72 -0.80 -0.49	29.88 -0.87 0.00
COLDSPRG_115KV_BK1 355956	24.27 1.19 0.00	27.55 1.14 0.00	28.09 0.79 0.00	25.57 0.81 0.00	30.51 0.90 0.00	27.95 0.30 0.00	28.87 0.07 0.00	42.19 0.34 0.00	32.29 0.45 0.00	28.71 0.55 0.00	37.53 0.85 0.00	34.50 0.72 0.00	39.07 1.16 0.00	32.36 0.51 -0.05	32.09 0.16 -0.26	43.75 -0.08 -0.21	43.61 -0.01 0.00	52.61 0.11 0.00	37.81 -0.37 -0.43	42.62 -0.42 0.00	42.15 -0.83 -0.52	43.33 -1.18 0.15	38.61 -0.82 -1.41	30.80 0.05 0.00
COLONIE_LFGE__ 323577	24.39 1.32 0.00	27.83 1.41 0.00	28.73 1.43 0.00	26.11 1.35 0.00	31.24 1.63 0.00	29.11 1.46 0.00	30.40 1.60 0.00	44.18 2.34 0.00	33.62 1.78 0.00	29.57 1.41 0.00	42.79 1.98 -4.13	35.69 1.90 -0.02	40.21 2.07 -0.23	33.72 1.66 -0.25	34.79 1.74 -1.39	50.44 2.32 -4.51	45.92 2.30 0.00	55.38 2.88 0.00	42.06 2.12 -2.20	45.46 2.42 0.00	47.45 2.39 -2.61	47.30 2.49 -0.14	47.06 1.98 -7.07	32.26 1.51 0.00
COOPERNY_115KV_TB1 80082	24.14 1.06 0.00	27.55 1.13 0.00	28.48 1.18 0.00	25.92 1.16 0.00	31.02 1.41 0.00	28.92 1.27 0.00	30.21 1.40 0.00	43.89 2.04 0.00	33.42 1.57 0.00	29.42 1.26 0.00	29.65 1.52 8.55	35.34 1.55 -0.01	39.13 1.68 0.47	33.36 1.41 -0.15	33.59 1.38 -0.55	38.13 1.44 6.92	45.16 1.54 0.00	54.53 2.03 0.00	40.63 1.55 -1.34	44.78 1.74 0.00	45.64 1.59 -1.59	46.29 1.53 -0.09	43.61 1.27 -4.31	31.75 1.00 0.00
COPENHAGEN_WT_PWR 323753	23.63 -0.43 -0.98	27.16 -0.17 -0.92	27.63 0.33 0.00	24.95 0.19 0.00	29.79 0.19 0.00	28.12 0.47 0.00	29.54 0.74 0.00	42.93 1.08 0.00	32.30 0.45 0.00	27.90 -0.26 0.00	35.90 -0.78 0.00	32.69 -1.09 0.00	36.38 -1.53 0.00	30.80 -1.02 -0.02	31.09 -0.68 -0.10	43.19 -0.50 -0.08	43.79 0.17 0.00	52.72 0.22 0.00	37.45 -0.45 -0.17	42.00 -1.04 0.00	41.23 -1.43 -0.20	42.94 -1.98 -0.25	36.61 -1.95 -0.54	29.03 -1.72 0.00
CORNELL____ 23752	23.80 0.72 0.00	27.19 0.77 0.00	28.01 0.71 0.00	25.42 0.66 0.00	30.42 0.81 0.00	28.30 0.65 0.00	29.56 0.76 0.00	43.06 1.21 0.00	32.82 0.97 0.00	28.98 0.83 0.00	37.70 1.02 0.00	34.62 0.84 0.00	38.72 0.81 0.00	32.57 0.71 -0.06	32.68 0.71 -0.30	44.83 0.98 -0.24	44.83 1.21 0.00	54.14 1.64 0.00	39.23 0.99 -0.50	44.11 1.07 0.00	44.04 0.97 -0.61	46.20 0.75 -0.78	40.31 0.64 -1.65	31.37 0.62 0.00
CORONAAV_69_KV_TB1 355595	48.29 2.24 -22.97	45.61 2.47 -16.72	50.71 2.51 -20.90	45.54 2.44 -18.33	47.86 2.85 -15.40	79.26 2.64 -48.97	85.73 2.85 -54.07	62.68 4.16 -16.67	34.86 3.01 0.00	30.57 2.41 0.00	57.54 3.14 -17.72	37.48 3.14 -0.55	44.18 3.60 -2.67	49.10 3.03 -14.27	36.03 2.84 -1.53	84.29 3.78 -36.89	136.20 3.98 -88.61	184.57 5.01 -127.06	287.07 3.68 -245.65	310.98 4.17 -263.77	114.44 3.87 -68.10	96.41 3.90 -47.85	69.94 3.30 -28.62	80.31 2.62 -46.94
CORTLAND_115KV_TB3 80093	23.52 0.45 0.00	26.87 0.45 0.00	27.71 0.41 0.00	25.15 0.39 0.00	30.09 0.48 0.00	28.00 0.35 0.00	29.23 0.43 0.00	42.55 0.70 0.00	32.41 0.56 0.00	28.63 0.47 0.00	37.26 0.58 0.00	34.28 0.49 0.00	38.40 0.48 0.00	32.25 0.39 -0.05	32.31 0.38 -0.26	44.27 0.45 -0.21	44.21 0.59 0.00	53.35 0.85 0.00	38.67 0.49 -0.43	43.57 0.53 0.00	43.47 0.49 -0.52	45.18 0.28 -0.23	39.69 0.26 -1.41	31.06 0.31 0.00

COXSACKIE___GT 23611	25.39 2.31 0.00	28.96 2.54 0.00	29.86 2.56 0.00	27.13 2.37 0.00	32.47 2.87 0.00	30.33 2.68 0.00	31.58 2.77 0.00	46.03 4.18 0.00	34.87 3.02 0.00	30.52 2.37 0.00	42.58 3.03 -2.87	36.42 2.63 -0.02	41.03 2.96 -0.16	34.82 2.78 -0.24	35.33 2.38 -1.28	50.87 3.92 -3.33	47.81 4.18 0.00	57.91 5.41 0.00	43.76 3.95 -2.07	47.51 4.47 0.00	49.37 4.47 -2.45	49.31 4.51 -0.13	48.16 3.51 -6.63	33.50 2.75 0.00
CPV_VALLEY___CC1 323721	24.17 1.09 0.00	27.56 1.15 0.00	28.50 1.20 0.00	25.95 1.18 0.00	31.04 1.44 0.00	28.95 1.30 0.00	30.25 1.45 0.00	43.93 2.08 0.00	33.45 1.60 0.00	29.43 1.27 0.00	25.71 1.53 12.50	35.36 1.57 -0.01	38.91 1.68 0.68	33.43 1.44 -0.18	33.64 1.43 -0.54	35.48 1.65 9.78	45.40 1.78 0.00	54.86 2.36 0.00	41.03 1.76 -1.53	45.02 1.98 0.00	46.07 1.80 -1.81	46.51 1.75 -0.10	44.36 1.44 -4.90	31.86 1.11 0.00
CPV_VALLEY___CC2 323722	24.17 1.09 0.00	27.56 1.15 0.00	28.50 1.20 0.00	25.95 1.18 0.00	31.04 1.44 0.00	28.95 1.30 0.00	30.25 1.45 0.00	43.93 2.08 0.00	33.45 1.60 0.00	29.43 1.27 0.00	25.71 1.53 12.50	35.36 1.57 -0.01	38.91 1.68 0.68	33.43 1.44 -0.18	33.64 1.43 -0.54	35.48 1.65 9.78	45.40 1.78 0.00	54.86 2.36 0.00	41.03 1.76 -1.53	45.02 1.98 0.00	46.07 1.80 -1.81	46.51 1.75 -0.10	44.36 1.44 -4.90	31.86 1.11 0.00
CRESCENT___HYD 24018	24.39 1.32 0.00	27.83 1.41 0.00	28.73 1.43 0.00	26.11 1.35 0.00	31.24 1.63 0.00	29.11 1.46 0.00	30.40 1.60 0.00	44.18 2.34 0.00	33.62 1.78 0.00	29.57 1.41 0.00	42.79 1.98 -4.13	35.69 1.90 -0.02	40.21 2.07 -0.23	33.72 1.66 -0.25	34.79 1.74 -1.39	50.44 2.32 -4.51	45.92 2.30 0.00	55.38 2.88 0.00	42.06 2.12 -2.20	45.46 2.42 0.00	47.45 2.39 -2.61	47.30 2.49 -0.14	47.06 1.98 -7.07	32.26 1.51 0.00
CRICKET___VALLEY_CC1 323756	24.52 1.44 0.00	27.96 1.54 0.00	28.91 1.61 0.00	26.33 1.57 0.00	31.48 1.87 0.00	29.38 1.73 0.00	30.68 1.88 0.00	44.61 2.76 0.00	33.95 2.10 0.00	29.89 1.73 0.00	46.27 2.19 -7.41	35.98 2.18 -0.02	40.73 2.42 -0.40	34.01 2.00 -0.22	34.90 1.94 -1.29	53.01 2.43 -6.96	46.13 2.51 0.00	55.72 3.21 0.00	42.02 2.42 -1.85	45.75 2.71 0.00	47.16 2.51 -2.19	47.34 2.56 -0.12	46.07 2.12 -5.93	32.41 1.66 0.00
CRICKET___VALLEY_CC2 323757	24.52 1.44 0.00	27.96 1.54 0.00	28.91 1.61 0.00	26.33 1.57 0.00	31.48 1.87 0.00	29.38 1.73 0.00	30.68 1.88 0.00	44.61 2.76 0.00	33.95 2.10 0.00	29.89 1.73 0.00	46.27 2.19 -7.41	35.98 2.18 -0.02	40.73 2.42 -0.40	34.01 2.00 -0.22	34.90 1.94 -1.29	53.01 2.43 -6.96	46.13 2.51 0.00	55.72 3.21 0.00	42.02 2.42 -1.85	45.75 2.71 0.00	47.16 2.51 -2.19	47.34 2.56 -0.12	46.07 2.12 -5.93	32.41 1.66 0.00
CRICKET___VALLEY_CC3 323758	24.52 1.44 0.00	27.96 1.54 0.00	28.91 1.61 0.00	26.33 1.57 0.00	31.48 1.87 0.00	29.38 1.73 0.00	30.68 1.88 0.00	44.61 2.76 0.00	33.95 2.10 0.00	29.89 1.73 0.00	46.27 2.19 -7.41	35.98 2.18 -0.02	40.73 2.42 -0.40	34.01 2.00 -0.22	34.90 1.94 -1.29	53.01 2.43 -6.96	46.13 2.51 0.00	55.72 3.21 0.00	42.02 2.42 -1.85	45.75 2.71 0.00	47.16 2.51 -2.19	47.34 2.56 -0.12	46.07 2.12 -5.93	32.41 1.66 0.00
CRUCIBLE_METL_DRP 24180	22.99 -0.09 0.00	26.29 -0.12 0.00	27.12 -0.18 0.00	24.58 -0.18 0.00	29.40 -0.21 0.00	27.40 -0.25 0.00	28.57 -0.23 0.00	41.50 -0.35 0.00	31.60 -0.24 0.00	27.94 -0.22 0.00	36.38 -0.30 0.00	33.49 -0.29 0.00	37.57 -0.35 0.00	31.53 -0.31 -0.04	31.55 -0.31 -0.19	43.22 -0.54 -0.15	43.12 -0.50 0.00	52.01 -0.49 0.00	37.63 -0.43 -0.32	42.58 -0.46 0.00	42.48 -0.36 -0.38	44.18 -0.51 -0.02	38.69 -0.36 -1.03	30.55 -0.21 0.00
DAHOWA___HYDRO 323763	24.39 1.31 0.00	27.80 1.39 0.00	28.71 1.41 0.00	26.09 1.33 0.00	31.25 1.64 0.00	29.21 1.56 0.00	30.74 1.93 0.00	44.76 2.92 0.00	34.01 2.16 0.00	29.77 1.61 0.00	42.80 2.13 -3.99	35.77 1.97 -0.02	40.51 2.37 -0.22	33.82 1.77 -0.26	35.02 1.96 -1.39	50.80 2.74 -4.44	46.56 2.94 0.00	56.07 3.57 0.00	42.56 2.59 -2.23	46.00 2.95 0.00	47.86 2.77 -2.64	47.74 2.93 -0.14	47.45 2.27 -7.16	32.41 1.66 0.00
DANC___LFGE 323619	23.15 -0.52 -0.60	26.52 -0.45 -0.55	27.09 -0.22 0.00	24.51 -0.25 0.00	29.30 -0.31 0.00	27.49 -0.16 0.00	28.80 0.00 0.00	41.85 0.01 0.00	31.66 -0.19 0.00	27.61 -0.55 0.00	35.72 -0.96 0.00	32.69 -1.09 0.00	36.53 -1.39 0.00	30.80 -1.03 -0.03	30.96 -0.84 -0.13	42.74 -0.98 -0.10	43.06 -0.56 0.00	51.85 -0.65 0.00	37.11 -0.85 -0.22	41.80 -1.24 0.00	41.33 -1.39 -0.26	43.07 -1.76 -0.16	37.11 -1.62 -0.70	29.40 -1.35 0.00
DANSKAMMER___1 23586	24.77 1.70 0.00	28.23 1.81 0.00	29.18 1.88 0.00	26.58 1.81 0.00	31.80 2.19 0.00	29.67 2.02 0.00	31.04 2.24 0.00	45.14 3.30 0.00	34.34 2.49 0.00	30.20 2.05 0.00	39.23 2.55 0.00	36.31 2.51 -0.02	40.70 2.78 0.00	34.36 2.36 -0.21	35.01 2.31 -1.03	47.38 2.94 -0.82	46.74 3.12 0.00	56.51 4.01 0.00	42.47 2.97 -1.76	46.38 3.34 0.00	47.67 3.12 -2.09	47.89 3.11 -0.11	46.22 2.54 -5.66	32.73 1.97 0.00
DANSKAMMER___2 23589	24.77 1.70 0.00	28.23 1.81 0.00	29.18 1.88 0.00	26.58 1.81 0.00	31.80 2.19 0.00	29.67 2.02 0.00	31.04 2.24 0.00	45.14 3.30 0.00	34.34 2.49 0.00	30.20 2.05 0.00	39.23 2.55 0.00	36.31 2.51 -0.02	40.70 2.78 0.00	34.36 2.36 -0.21	35.01 2.31 -1.03	47.38 2.94 -0.82	46.74 3.12 0.00	56.51 4.01 0.00	42.47 2.97 -1.76	46.38 3.34 0.00	47.67 3.12 -2.09	47.89 3.11 -0.11	46.22 2.54 -5.66	32.73 1.97 0.00
DANSKAMMER___3 23590	24.77 1.70 0.00	28.23 1.81 0.00	29.18 1.88 0.00	26.58 1.81 0.00	31.80 2.19 0.00	29.67 2.02 0.00	31.04 2.24 0.00	45.14 3.30 0.00	34.34 2.49 0.00	30.20 2.05 0.00	39.23 2.55 0.00	36.31 2.51 -0.02	40.70 2.78 0.00	34.36 2.36 -0.21	35.01 2.31 -1.03	47.38 2.94 -0.82	46.74 3.12 0.00	56.51 4.01 0.00	42.47 2.97 -1.76	46.38 3.34 0.00	47.67 3.12 -2.09	47.89 3.11 -0.11	46.22 2.54 -5.66	32.73 1.97 0.00
DANSKAMMER___4 23591	24.77 1.70 0.00	28.23 1.81 0.00	29.18 1.88 0.00	26.58 1.81 0.00	31.80 2.19 0.00	29.67 2.02 0.00	31.04 2.24 0.00	45.14 3.30 0.00	34.34 2.49 0.00	30.20 2.05 0.00	39.23 2.55 0.00	36.31 2.51 -0.02	40.70 2.78 0.00	34.36 2.36 -0.21	35.01 2.31 -1.03	47.38 2.94 -0.82	46.74 3.12 0.00	56.51 4.01 0.00	42.47 2.97 -1.76	46.38 3.34 0.00	47.67 3.12 -2.09	47.89 3.11 -0.11	46.22 2.54 -5.66	32.73 1.97 0.00
DANSKAMMER___DIESEL 23592	24.75 1.68 0.00	28.23 1.81 0.00	29.18 1.88 0.00	26.57 1.81 0.00	31.80 2.19 0.00	29.67 2.02 0.00	31.03 2.23 0.00	45.14 3.30 0.00	34.34 2.49 0.00	30.20 2.05 0.00	39.23 2.55 0.00	36.31 2.51 -0.02	40.70 2.78 0.00	34.36 2.36 -0.21	35.01 2.31 -1.03	47.39 2.95 -0.82	46.74 3.12 0.00	56.51 4.01 0.00	42.47 2.96 -1.76	46.38 3.34 0.00	47.67 3.12 -2.09	47.89 3.11 -0.11	46.22 2.54 -5.66	32.72 1.97 0.00

DARBY___SOLAR 323810	24.38 1.31 0.00	27.79 1.38 0.00	28.70 1.40 0.00	26.09 1.33 0.00	31.23 1.63 0.00	29.18 1.53 0.00	30.66 1.86 0.00	44.65 2.80 0.00	33.92 2.07 0.00	29.71 1.56 0.00	42.77 2.09 -4.01	35.73 1.93 -0.02	40.42 2.29 -0.22	33.79 1.74 -0.25	34.96 1.90 -1.39	50.71 2.65 -4.45	46.43 2.81 0.00	55.93 3.43 0.00	42.46 2.50 -2.23	45.89 2.85 0.00	47.78 2.69 -2.64	47.65 2.84 -0.14	47.39 2.22 -7.15	32.38 1.63 0.00
DASHVILLE___HYD 23610	24.50 1.43 0.00	27.95 1.54 0.00	28.89 1.59 0.00	26.30 1.54 0.00	31.47 1.86 0.00	29.35 1.70 0.00	30.70 1.90 0.00	44.65 2.80 0.00	33.96 2.11 0.00	29.92 1.77 0.00	38.85 2.18 0.00	35.96 2.17 -0.02	40.36 2.45 0.00	34.04 2.03 -0.21	34.72 1.98 -1.07	46.97 2.50 -0.85	46.26 2.64 0.00	55.87 3.37 0.00	42.17 2.59 -1.84	45.93 2.89 0.00	47.31 2.67 -2.18	47.48 2.69 -0.12	46.08 2.16 -5.90	32.46 1.71 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	51.12 3.38 -24.66	48.13 3.76 -17.95	53.58 3.84 -22.44	48.12 3.67 -19.69	50.49 4.35 -16.54	84.27 4.05 -52.57	91.25 4.41 -58.04	66.12 6.37 -17.90	36.41 4.56 0.00	31.75 3.59 0.00	58.92 4.52 -17.72	38.16 4.33 -0.05	44.10 4.99 -1.20	41.32 4.25 -5.27	37.36 4.16 -1.53	87.73 5.91 -38.20	144.95 6.40 -94.93	196.78 8.01 -136.27	303.07 5.78 -259.56	330.46 6.59 -280.83	121.51 6.12 -72.94	95.85 6.19 -44.99	73.42 5.10 -30.30	85.22 4.08 -50.38
DELAWARE___LFGE 323621	24.84 1.77 0.00	28.38 1.96 0.00	29.29 1.99 0.00	26.62 1.86 0.00	31.87 2.27 0.00	29.63 1.98 0.00	31.09 2.29 0.00	45.36 3.51 0.00	34.68 2.83 0.00	30.62 2.47 0.00	39.80 3.11 0.00	36.65 2.87 -0.01	41.07 3.16 0.00	34.40 2.51 -0.09	34.59 2.54 -0.38	47.72 3.80 -0.30	47.47 3.85 0.00	57.32 4.82 0.00	40.18 1.74 -0.69	44.67 1.63 0.00	44.96 1.53 -0.97	46.20 1.44 -0.09	41.85 1.19 -2.64	31.73 0.98 0.00
DERFIELD_115KV_TB7 355931	23.21 0.14 0.00	26.56 0.15 0.00	27.46 0.16 0.00	24.91 0.15 0.00	29.79 0.18 0.00	27.82 0.17 0.00	29.01 0.20 0.00	42.18 0.33 0.00	32.08 0.23 0.00	28.31 0.15 0.00	36.84 0.17 0.00	33.93 0.15 0.00	38.09 0.17 0.00	32.00 0.19 0.00	31.89 0.19 -0.03	43.88 0.24 -0.02	43.85 0.23 0.00	52.82 0.31 0.00	38.01 0.22 -0.04	43.27 0.23 0.00	42.72 0.21 -0.05	44.85 0.17 0.00	38.31 0.15 -0.14	30.85 0.10 0.00
DOGLEVILLE___HYD 23807	24.01 0.93 0.00	27.41 0.99 0.00	28.39 1.09 0.00	25.85 1.09 0.00	30.94 1.34 0.00	28.83 1.18 0.00	30.20 1.40 0.00	43.99 2.14 0.00	33.46 1.61 0.00	29.27 1.12 0.00	37.86 1.18 0.00	34.96 1.18 0.00	39.24 1.32 0.00	33.57 1.76 0.00	33.72 2.02 -0.03	46.16 2.52 -0.02	45.85 2.23 0.00	55.57 3.07 0.00	40.06 2.27 -0.04	45.58 2.54 0.00	44.87 2.36 -0.05	46.86 2.18 0.00	39.81 1.65 -0.14	31.89 1.14 0.00
DUNKIRK___115KV_TB_200 55889	23.10 0.03 0.00	26.20 -0.22 0.00	26.71 -0.59 0.00	24.25 -0.51 0.00	28.96 -0.65 0.00	26.50 -1.15 0.00	27.39 -1.41 0.00	39.96 -1.88 0.00	30.61 -1.23 0.00	27.24 -0.92 0.00	35.40 -1.28 0.00	32.59 -1.20 0.00	36.99 -0.92 0.00	30.80 -1.06 -0.05	30.50 -1.42 -0.26	41.57 -2.25 -0.20	41.48 -2.14 0.00	50.01 -2.49 0.00	35.95 -2.21 -0.43	40.53 -2.52 0.00	40.15 -2.81 -0.51	41.32 -3.20 0.15	36.92 -2.48 -1.38	29.48 -1.27 0.00
DUNKIRK___1 23563	23.10 0.03 0.00	26.20 -0.22 0.00	26.71 -0.59 0.00	24.25 -0.51 0.00	28.96 -0.65 0.00	26.50 -1.15 0.00	27.39 -1.41 0.00	39.96 -1.88 0.00	30.61 -1.23 0.00	27.24 -0.92 0.00	35.40 -1.28 0.00	32.59 -1.20 0.00	36.99 -0.92 0.00	30.80 -1.06 -0.05	30.50 -1.42 -0.26	41.57 -2.25 -0.20	41.48 -2.14 0.00	50.01 -2.49 0.00	35.95 -2.21 -0.43	40.53 -2.52 0.00	40.15 -2.81 -0.51	41.32 -3.20 0.15	36.92 -2.48 -1.38	29.48 -1.27 0.00
DUNKIRK___2 23564	23.10 0.03 0.00	26.20 -0.22 0.00	26.71 -0.59 0.00	24.25 -0.51 0.00	28.96 -0.65 0.00	26.50 -1.15 0.00	27.39 -1.41 0.00	39.96 -1.88 0.00	30.61 -1.23 0.00	27.24 -0.92 0.00	35.40 -1.28 0.00	32.59 -1.20 0.00	36.99 -0.92 0.00	30.80 -1.06 -0.05	30.50 -1.42 -0.26	41.57 -2.25 -0.20	41.48 -2.14 0.00	50.01 -2.49 0.00	35.95 -2.21 -0.43	40.53 -2.52 0.00	40.15 -2.81 -0.51	41.32 -3.20 0.15	36.92 -2.48 -1.38	29.48 -1.27 0.00
DUNKIRK___3 23565	23.12 0.04 0.00	26.24 -0.17 0.00	26.78 -0.52 0.00	24.33 -0.44 0.00	29.05 -0.56 0.00	26.57 -1.08 0.00	27.43 -1.37 0.00	40.01 -1.84 0.00	30.64 -1.21 0.00	27.24 -0.92 0.00	35.46 -1.22 0.00	32.63 -1.15 0.00	37.02 -0.90 0.00	30.78 -1.07 -0.05	30.50 -1.42 -0.26	41.59 -2.23 -0.20	41.47 -2.15 0.00	50.01 -2.49 0.00	35.95 -2.22 -0.43	40.54 -2.50 0.00	40.18 -2.79 -0.51	41.35 -3.17 0.15	36.97 -2.43 -1.38	29.51 -1.24 0.00
DUNKIRK___4 23566	23.10 0.02 0.00	26.21 -0.21 0.00	26.72 -0.58 0.00	24.27 -0.49 0.00	28.94 -0.67 0.00	26.49 -1.16 0.00	27.34 -1.46 0.00	39.87 -1.97 0.00	30.55 -1.30 0.00	27.19 -0.97 0.00	35.37 -1.31 0.00	32.57 -1.22 0.00	36.99 -0.93 0.00	30.77 -1.08 -0.05	30.46 -1.46 -0.25	41.52 -2.30 -0.20	41.43 -2.19 0.00	49.91 -2.59 0.00	35.88 -2.28 -0.42	40.47 -2.57 0.00	40.09 -2.87 -0.50	41.30 -3.22 0.15	36.90 -2.49 -1.37	29.48 -1.27 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	24.68 1.60 0.00	28.15 1.73 0.00	29.10 1.80 0.00	26.51 1.75 0.00	31.71 2.10 0.00	29.57 1.92 0.00	30.93 2.13 0.00	44.97 3.12 0.00	34.25 2.41 0.00	30.11 1.96 0.00	56.98 2.44 -17.86	36.24 2.45 -0.02	41.55 2.66 -0.98	34.28 2.28 -0.20	35.45 2.24 -1.53	62.00 2.80 -15.59	46.59 2.97 0.00	56.31 3.80 0.00	42.31 2.81 -1.75	46.21 3.17 0.00	47.44 2.91 -2.07	47.65 2.87 -0.11	46.01 2.36 -5.62	32.57 1.82 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	24.52 1.44 0.00	27.97 1.55 0.00	28.91 1.61 0.00	26.32 1.56 0.00	31.51 1.90 0.00	29.39 1.74 0.00	30.74 1.94 0.00	44.68 2.84 0.00	34.00 2.15 0.00	29.89 1.73 0.00	32.59 2.12 6.20	35.91 2.12 -0.02	39.93 2.35 0.34	33.98 1.98 -0.20	34.45 1.95 -0.83	41.58 2.41 4.45	46.19 2.57 0.00	55.85 3.35 0.00	41.94 2.49 -1.71	45.84 2.80 0.00	47.07 2.59 -2.02	47.34 2.56 -0.11	45.61 2.10 -5.49	32.37 1.62 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	24.76 1.69 0.00	28.21 1.79 0.00	29.16 1.86 0.00	26.52 1.76 0.00	31.74 2.13 0.00	29.61 1.96 0.00	30.99 2.19 0.00	45.13 3.29 0.00	34.38 2.53 0.00	30.22 2.07 0.00	57.04 2.55 -17.81	36.35 2.55 -0.02	41.66 2.78 -0.97	34.37 2.36 -0.20	35.54 2.34 -1.53	62.06 2.90 -15.54	46.81 3.18 0.00	56.51 4.01 0.00	42.51 3.01 -1.75	46.41 3.37 0.00	47.59 3.06 -2.07	47.75 2.97 -0.11	46.10 2.46 -5.62	32.63 1.88 0.00
E179THST_13_KV_LOAD 356214	24.86 1.79 0.00	28.32 1.91 0.00	29.27 1.97 0.00	26.62 1.85 0.00	31.85 2.24 0.00	29.72 2.07 0.00	31.12 2.32 0.00	45.34 3.49 0.00	34.54 2.69 0.00	30.37 2.21 0.00	57.23 2.74 -17.81	36.52 2.72 -0.02	41.86 2.97 -0.97	34.54 2.53 -0.20	35.70 2.50 -1.53	62.28 3.12 -15.54	47.03 3.40 0.00	56.79 4.29 0.00	42.71 3.21 -1.75	46.66 3.61 0.00	47.82 3.29 -2.07	47.98 3.19 -0.11	46.29 2.64 -5.62	32.78 2.03 0.00

EAST HAMPTON___GT 23717	51.38 3.64 -24.66	48.35 3.98 -17.95	53.89 4.15 -22.44	48.37 3.92 -19.69	50.78 4.64 -16.54	84.59 4.38 -52.57	91.61 4.77 -58.04	66.57 6.82 -17.90	36.78 4.93 0.00	32.05 3.90 0.00	59.29 4.89 -17.72	38.50 4.67 -0.05	44.47 5.36 -1.20	41.65 4.57 -5.27	37.71 4.51 -1.53	88.28 6.46 -38.20	145.51 6.96 -94.93	197.44 8.67 -136.27	303.53 6.24 -259.55	330.99 7.12 -280.83	122.04 6.65 -72.94	96.37 6.71 -44.99	73.81 5.49 -30.30	85.50 4.37 -50.38
EAST RIVER___6 23660	24.72 1.64 0.00	28.16 1.75 0.00	29.12 1.82 0.00	26.54 1.78 0.00	31.74 2.14 0.00	29.60 1.95 0.00	31.00 2.20 0.00	45.09 3.24 0.00	34.37 2.52 0.00	30.23 2.07 0.00	57.08 2.55 -17.85	36.35 2.56 -0.02	41.69 2.80 -0.98	34.42 2.42 -0.20	35.62 2.42 -1.53	62.22 3.02 -15.58	46.88 3.26 0.00	56.62 4.12 0.00	42.55 3.05 -1.75	46.45 3.41 0.00	47.63 3.10 -2.07	47.80 3.02 -0.11	46.10 2.45 -5.62	32.62 1.87 0.00
EAST RIVER___7 23524	24.72 1.64 0.00	28.16 1.75 0.00	29.12 1.82 0.00	26.54 1.78 0.00	31.74 2.14 0.00	29.60 1.95 0.00	31.00 2.20 0.00	45.09 3.24 0.00	34.37 2.52 0.00	30.23 2.07 0.00	57.08 2.55 -17.85	36.35 2.56 -0.02	41.69 2.80 -0.98	34.42 2.42 -0.20	35.62 2.42 -1.53	62.22 3.02 -15.58	46.88 3.26 0.00	56.62 4.12 0.00	42.55 3.05 -1.75	46.45 3.41 0.00	47.63 3.10 -2.07	47.80 3.02 -0.11	46.10 2.45 -5.62	32.62 1.87 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	24.63 1.55 0.00	28.09 1.68 0.00	29.05 1.75 0.00	26.45 1.69 0.00	31.65 2.04 0.00	29.51 1.86 0.00	30.87 2.07 0.00	44.88 3.03 0.00	34.17 2.32 0.00	30.04 1.89 0.00	58.12 2.34 -19.10	36.14 2.35 -0.02	41.53 2.57 -1.05	34.19 2.18 -0.20	35.39 2.15 -1.57	62.91 2.67 -16.62	46.45 2.83 0.00	56.16 3.66 0.00	42.19 2.70 -1.75	46.08 3.04 0.00	47.32 2.79 -2.07	47.52 2.74 -0.11	45.89 2.26 -5.61	32.48 1.73 0.00
EAST_HAMPTON___DIESEL 23722	51.38 3.64 -24.66	48.36 3.99 -17.95	53.89 4.15 -22.44	48.37 3.92 -19.69	50.79 4.64 -16.54	84.59 4.38 -52.57	91.61 4.77 -58.04	66.57 6.82 -17.90	36.79 4.94 0.00	32.06 3.90 0.00	59.30 4.90 -17.72	38.50 4.67 -0.05	44.47 5.36 -1.20	41.65 4.58 -5.27	37.71 4.51 -1.53	88.28 6.46 -38.20	145.51 6.96 -94.93	197.44 8.67 -136.27	303.53 6.24 -259.55	330.99 7.12 -280.83	122.05 6.66 -72.94	96.38 6.71 -44.99	73.82 5.49 -30.30	85.51 4.37 -50.38
EAST_PULASKI___ESR 323781	22.56 -0.52 0.00	25.82 -0.60 0.00	26.71 -0.59 0.00	24.22 -0.54 0.00	28.96 -0.65 0.00	27.03 -0.62 0.00	28.24 -0.57 0.00	41.03 -0.82 0.00	31.19 -0.66 0.00	27.45 -0.70 0.00	35.69 -0.99 0.00	32.82 -0.96 0.00	36.79 -1.12 0.00	30.91 -0.92 -0.03	30.97 -0.86 -0.16	42.51 -1.23 -0.12	42.56 -1.06 0.00	51.27 -1.23 0.00	36.97 -1.04 -0.26	41.80 -1.24 0.00	41.62 -1.16 -0.31	43.30 -1.39 -0.02	37.70 -1.17 -0.85	29.85 -0.90 0.00
EAST_RIVER___1 323558	24.73 1.65 0.00	28.17 1.76 0.00	29.13 1.83 0.00	26.56 1.80 0.00	31.76 2.15 0.00	29.60 1.96 0.00	30.98 2.18 0.00	45.05 3.20 0.00	34.35 2.50 0.00	30.21 2.05 0.00	57.05 2.52 -17.85	36.34 2.54 -0.02	41.66 2.77 -0.98	34.37 2.37 -0.20	35.56 2.36 -1.53	62.16 2.96 -15.58	46.81 3.19 0.00	56.57 4.07 0.00	42.49 3.00 -1.75	46.40 3.36 0.00	47.59 3.06 -2.07	47.77 2.99 -0.11	46.09 2.45 -5.62	32.62 1.87 0.00
EAST_RIVER___2 323559	24.72 1.64 0.00	28.16 1.75 0.00	29.12 1.82 0.00	26.54 1.78 0.00	31.74 2.14 0.00	29.60 1.95 0.00	31.00 2.20 0.00	45.09 3.24 0.00	34.37 2.52 0.00	30.23 2.07 0.00	57.08 2.55 -17.85	36.35 2.56 -0.02	41.69 2.80 -0.98	34.42 2.42 -0.20	35.62 2.42 -1.53	62.22 3.02 -15.58	46.88 3.26 0.00	56.62 4.12 0.00	42.55 3.05 -1.75	46.45 3.41 0.00	47.63 3.10 -2.07	47.80 3.02 -0.11	46.10 2.45 -5.62	32.62 1.87 0.00
EAST___DELAWARE_HYD 23607	24.24 1.17 0.00	27.64 1.22 0.00	28.57 1.27 0.00	26.02 1.26 0.00	31.15 1.54 0.00	29.09 1.44 0.00	30.50 1.70 0.00	44.38 2.53 0.00	33.72 1.87 0.00	29.62 1.46 0.00	34.18 1.69 4.19	35.55 1.75 -0.01	39.62 1.94 0.23	33.51 1.53 -0.18	33.81 1.32 -0.82	41.10 0.61 3.13	44.58 0.96 0.00	53.89 1.39 0.00	40.46 1.12 -1.60	44.28 1.24 0.00	45.49 1.14 -1.90	46.81 2.04 -0.10	44.78 1.62 -5.14	31.96 1.21 0.00
EIGHT_POINT___WT_PWR 323820	23.14 0.06 0.00	26.16 -0.25 0.00	26.56 -0.74 0.00	23.91 -0.85 0.00	28.61 -1.00 0.00	26.33 -1.32 0.00	27.21 -1.59 0.00	39.46 -2.38 0.00	30.08 -1.77 0.00	26.75 -1.41 0.00	35.28 -1.40 0.00	32.41 -1.38 0.00	36.83 -1.08 0.00	30.63 -1.24 -0.06	30.48 -1.48 -0.29	41.78 -2.07 -0.23	41.97 -1.65 0.00	50.20 -2.30 0.00	35.91 -2.32 -0.49	39.76 -3.29 0.00	39.38 -3.66 -0.58	40.17 -3.99 0.51	36.51 -3.09 -1.59	28.60 -2.15 0.00
ELBRIDGE_115KV_TB2 80188	22.89 -0.18 0.00	26.18 -0.23 0.00	27.01 -0.30 0.00	24.49 -0.27 0.00	29.29 -0.31 0.00	27.28 -0.37 0.00	28.40 -0.40 0.00	41.30 -0.54 0.00	31.48 -0.37 0.00	27.84 -0.31 0.00	36.24 -0.44 0.00	33.36 -0.42 0.00	37.39 -0.52 0.00	31.40 -0.45 -0.04	31.40 -0.47 -0.20	43.03 -0.75 -0.16	42.91 -0.72 0.00	51.78 -0.72 0.00	37.48 -0.59 -0.33	42.39 -0.66 0.00	42.26 -0.59 -0.39	43.93 -0.76 -0.02	38.53 -0.56 -1.07	30.40 -0.36 0.00
ELEC_TRO_TEK 24086	42.65 2.07 -17.50	41.44 2.28 -12.74	45.54 2.32 -15.93	41.00 2.27 -13.97	44.00 2.66 -11.73	67.41 2.45 -37.31	72.67 2.66 -41.21	58.41 3.86 -12.70	34.65 2.80 0.00	30.38 2.23 0.00	57.28 2.88 -17.72	36.99 2.91 -0.30	43.16 3.37 -1.89	43.25 2.82 -8.63	35.82 2.62 -1.53	80.12 3.47 -33.04	114.82 3.62 -67.58	153.91 4.55 -96.85	230.31 3.35 -189.22	248.74 3.78 -201.92	98.34 3.49 -52.39	83.12 3.53 -34.93	64.16 3.00 -23.14	68.91 2.39 -35.77
ELLENBURG_WT_PWR 323604	0.46 -1.08 21.54	5.28 -1.08 20.05	26.61 -0.69 0.00	24.19 -0.57 0.00	29.28 -0.33 0.00	27.84 0.19 0.00	29.24 0.43 0.00	42.37 0.52 0.00	32.04 0.38 0.00	28.54 0.79 0.00	37.47 0.63 0.00	34.41 0.63 0.00	38.29 0.38 0.00	31.54 -0.26 0.00	31.17 -0.51 0.00	43.90 0.29 0.00	43.93 0.31 0.00	52.15 -0.35 0.00	37.09 -0.65 0.00	42.01 -1.03 0.00	40.97 -1.49 0.00	38.16 -1.27 5.24	37.07 -0.95 0.00	29.86 -0.89 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.76 -0.32 0.00	25.82 -0.60 0.00	26.37 -0.93 0.00	23.95 -0.81 0.00	28.48 -1.13 0.00	26.08 -1.57 0.00	26.84 -1.96 0.00	39.11 -2.74 0.00	30.00 -1.86 0.00	26.71 -1.45 0.00	34.75 -1.93 0.00	31.99 -1.80 0.00	36.41 -1.50 0.00	30.29 -1.56 -0.05	29.95 -1.96 -0.25	40.82 -3.00 -0.20	40.73 -2.89 0.00	48.96 -3.54 0.00	35.21 -2.94 -0.41	39.78 -3.26 0.00	39.48 -3.47 -0.49	40.77 -3.75 0.14	36.43 -2.93 -1.34	29.13 -1.62 0.00
EMPIRE_CC_1 323656	24.27 1.19 0.00	27.67 1.25 0.00	28.58 1.27 0.00	25.98 1.22 0.00	31.06 1.45 0.00	28.93 1.28 0.00	30.14 1.34 0.00	43.77 1.92 0.00	33.32 1.47 0.00	29.35 1.20 0.00	43.28 1.79 -4.81	35.54 1.74 -0.02	40.01 1.83 -0.26	33.55 1.51 -0.24	34.57 1.55 -1.36	50.55 1.95 -4.98	45.51 1.89 0.00	54.86 2.36 0.00	41.61 1.76 -2.10	45.09 2.05 0.00	47.00 2.05 -2.49	46.94 2.13 -0.13	46.46 1.69 -6.75	32.08 1.33 0.00

EMPIRE_CC_2 323658	24.27 1.19 0.00	27.67 1.25 0.00	28.58 1.27 0.00	25.98 1.22 0.00	31.06 1.45 0.00	28.93 1.28 0.00	30.14 1.34 0.00	43.77 1.92 0.00	33.32 1.47 0.00	29.35 1.20 0.00	43.28 1.79 -4.81	35.54 1.74 -0.02	40.01 1.83 -0.26	33.55 1.51 -0.24	34.57 1.55 -1.36	50.55 1.95 -4.98	45.51 1.89 0.00	54.86 2.36 0.00	41.61 1.76 -2.10	45.09 2.05 0.00	47.00 2.05 -2.49	46.94 2.13 -0.13	46.46 1.69 -6.75	32.08 1.33 0.00
ENORWICH_115KV_TB1 80156	25.09 2.02 0.00	28.76 2.34 0.00	29.72 2.41 0.00	26.93 2.17 0.00	32.16 2.55 0.00	29.97 2.32 0.00	31.57 2.77 0.00	46.13 4.28 0.00	35.25 3.40 0.00	31.10 2.95 0.00	40.34 3.66 0.00	37.20 3.41 -0.01	41.59 3.68 0.00	34.81 2.92 -0.08	35.29 3.27 -0.35	48.59 4.69 -0.28	48.62 5.00 0.00	58.78 6.28 0.00	42.07 3.73 -0.60	47.25 4.20 0.00	47.21 3.98 -0.77	48.63 3.65 -0.31	42.87 2.77 -2.08	32.95 2.20 0.00
ERIE_ST__34_KV_TB1-2 80199	23.49 0.41 0.00	26.65 0.24 0.00	27.22 -0.08 0.00	24.75 -0.02 0.00	29.42 -0.18 0.00	26.98 -0.67 0.00	27.79 -1.02 0.00	40.56 -1.29 0.00	31.08 -0.77 0.00	27.66 -0.50 0.00	36.06 -0.61 0.00	33.20 -0.58 0.00	37.72 -0.20 0.00	31.33 -0.52 -0.05	31.03 -0.90 -0.25	42.36 -1.46 -0.20	42.27 -1.35 0.00	50.82 -1.68 0.00	36.57 -1.59 -0.42	41.33 -1.71 0.00	40.98 -1.98 -0.50	42.30 -2.23 0.14	37.68 -1.70 -1.36	30.09 -0.66 0.00
ERIE_WT_PWR 323693	22.93 -0.14 0.00	26.07 -0.35 0.00	26.59 -0.71 0.00	24.12 -0.65 0.00	28.74 -0.87 0.00	26.33 -1.32 0.00	27.12 -1.69 0.00	39.54 -2.31 0.00	30.31 -1.54 0.00	26.98 -1.17 0.00	35.13 -1.55 0.00	32.32 -1.47 0.00	36.78 -1.14 0.00	30.60 -1.26 -0.05	30.29 -1.63 -0.25	41.30 -2.51 -0.20	41.20 -2.43 0.00	49.48 -3.02 0.00	35.63 -2.53 -0.42	40.23 -2.81 0.00	39.89 -3.07 -0.50	41.16 -3.37 0.14	36.78 -2.59 -1.35	29.37 -1.38 0.00
ESPRGFLD_115KV_TB1 80157	23.87 0.79 0.00	27.41 1.00 0.00	28.36 1.06 0.00	25.68 0.92 0.00	30.71 1.11 0.00	28.72 1.07 0.00	30.02 1.22 0.00	43.75 1.90 0.00	33.31 1.46 0.00	29.46 1.30 0.00	38.04 1.36 0.00	34.87 1.09 0.00	39.32 1.40 0.00	34.72 3.03 0.11	33.67 2.42 0.42	48.80 2.32 -2.86	45.16 1.54 0.00	54.40 1.90 0.00	39.34 1.64 0.04	44.90 1.86 0.00	44.08 1.71 0.08	46.29 1.62 0.00	39.16 1.36 0.22	31.87 1.12 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.75 0.67 0.00	27.12 0.71 0.00	27.96 0.66 0.00	25.38 0.61 0.00	30.36 0.75 0.00	28.24 0.59 0.00	29.50 0.70 0.00	42.96 1.12 0.00	32.74 0.89 0.00	28.92 0.76 0.00	37.62 0.94 0.00	34.56 0.77 0.00	38.65 0.74 0.00	32.50 0.64 -0.06	32.61 0.64 -0.30	44.75 0.89 -0.24	44.72 1.10 0.00	54.01 1.50 0.00	39.14 0.90 -0.50	44.03 0.98 0.00	43.96 0.89 -0.61	45.98 0.68 -0.63	40.24 0.57 -1.64	31.32 0.57 0.00
ETNA_____115KV_TB2 80207	23.75 0.67 0.00	27.12 0.71 0.00	27.96 0.66 0.00	25.38 0.61 0.00	30.36 0.75 0.00	28.24 0.59 0.00	29.50 0.70 0.00	42.96 1.12 0.00	32.74 0.89 0.00	28.92 0.76 0.00	37.62 0.94 0.00	34.56 0.77 0.00	38.65 0.74 0.00	32.50 0.64 -0.06	32.61 0.64 -0.30	44.75 0.89 -0.24	44.72 1.10 0.00	54.01 1.50 0.00	39.14 0.90 -0.50	44.03 0.98 0.00	43.96 0.89 -0.61	45.98 0.68 -0.63	40.24 0.57 -1.64	31.32 0.57 0.00
EUCLID___115KV_TB2 356179	22.70 -0.37 0.00	25.92 -0.49 0.00	26.73 -0.57 0.00	24.26 -0.50 0.00	29.01 -0.59 0.00	27.01 -0.64 0.00	28.14 -0.66 0.00	40.90 -0.95 0.00	31.15 -0.70 0.00	27.54 -0.62 0.00	35.87 -0.81 0.00	33.04 -0.74 0.00	37.09 -0.82 0.00	31.12 -0.72 -0.04	31.12 -0.72 -0.18	42.62 -1.14 -0.14	42.54 -1.08 0.00	51.26 -1.24 0.00	37.09 -0.95 -0.30	42.01 -1.03 0.00	41.94 -0.87 -0.35	43.68 -1.01 -0.02	38.18 -0.79 -0.96	30.21 -0.53 0.00
E_CANADA_CAP_HY 24051	23.92 0.84 0.00	27.52 1.10 0.00	28.48 1.18 0.00	25.76 1.00 0.00	30.81 1.21 0.00	28.91 1.26 0.00	30.24 1.44 0.00	44.07 2.23 0.00	33.53 1.68 0.00	29.62 1.46 0.00	38.13 1.45 0.00	34.83 1.02 -0.02	39.38 1.46 0.00	34.17 2.11 -0.26	34.55 1.48 -1.40	49.81 1.88 -4.31	45.64 2.01 0.00	54.96 2.46 0.00	42.36 1.90 -2.73	45.17 2.13 0.00	47.67 2.00 -3.21	46.83 1.99 -0.17	48.38 1.65 -8.71	32.06 1.31 0.00
E_CANADA_MHWK_HY 24050	24.01 0.93 0.00	27.41 0.99 0.00	28.39 1.09 0.00	25.85 1.09 0.00	30.94 1.34 0.00	28.83 1.18 0.00	30.20 1.40 0.00	43.99 2.14 0.00	33.46 1.61 0.00	29.27 1.12 0.00	37.86 1.18 0.00	34.96 1.18 0.00	39.24 1.32 0.00	33.57 1.76 0.00	33.72 2.02 -0.03	46.16 2.52 -0.02	45.85 2.23 0.00	55.57 3.07 0.00	40.06 2.27 -0.04	45.58 2.54 0.00	44.87 2.36 -0.05	46.86 2.18 0.00	39.81 1.65 -0.14	31.89 1.14 0.00
E_FISHKILL___LBMP 23776	24.52 1.44 0.00	27.96 1.55 0.00	28.91 1.61 0.00	26.33 1.56 0.00	31.49 1.89 0.00	29.37 1.72 0.00	30.69 1.89 0.00	44.62 2.78 0.00	33.97 2.12 0.00	29.88 1.73 0.00	44.71 2.17 -5.86	35.97 2.17 -0.02	40.62 2.39 -0.32	34.01 2.01 -0.21	34.86 1.98 -1.21	51.71 2.46 -5.64	46.20 2.58 0.00	55.82 3.32 0.00	42.00 2.47 -1.78	45.81 2.77 0.00	47.14 2.57 -2.11	47.33 2.55 -0.11	45.85 2.10 -5.73	32.38 1.63 0.00
FALCON___SEABRD_CC1 323796	0.63 -0.78 21.66	5.46 -0.79 20.16	26.90 -0.40 0.00	24.48 -0.28 0.00	29.64 0.03 0.00	28.13 0.48 0.00	29.53 0.73 0.00	42.77 0.92 0.00	32.31 0.46 0.00	28.76 0.60 0.00	37.79 1.11 0.00	34.71 0.93 0.00	38.62 0.70 0.00	31.85 0.05 0.00	31.28 -0.39 0.00	44.21 0.60 0.00	44.33 0.70 0.00	52.68 0.18 0.00	37.48 -0.27 0.00	42.29 -0.75 0.00	41.23 -1.23 0.00	38.53 -0.87 5.27	37.55 -0.47 0.00	30.23 -0.52 0.00
FALCON___SEABRD_CC2 323797	0.63 -0.78 21.66	5.46 -0.79 20.16	26.90 -0.40 0.00	24.48 -0.28 0.00	29.64 0.03 0.00	28.13 0.48 0.00	29.53 0.73 0.00	42.77 0.92 0.00	32.31 0.46 0.00	28.76 0.60 0.00	37.79 1.11 0.00	34.71 0.93 0.00	38.62 0.70 0.00	31.85 0.05 0.00	31.28 -0.39 0.00	44.21 0.60 0.00	44.33 0.70 0.00	52.68 0.18 0.00	37.48 -0.27 0.00	42.29 -0.75 0.00	41.23 -1.23 0.00	38.53 -0.87 5.27	37.55 -0.47 0.00	30.23 -0.52 0.00
FAR ROCKAWAY___4 23548	47.67 2.45 -22.15	45.24 2.70 -16.12	50.19 2.74 -20.15	45.09 2.65 -17.68	47.57 3.11 -14.85	77.75 2.89 -47.22	84.06 3.12 -52.14	62.49 4.56 -16.08	35.13 3.28 0.00	30.81 2.65 0.00	57.86 3.46 -17.72	37.78 3.43 -0.57	44.56 3.93 -2.71	49.53 3.30 -14.43	36.33 3.13 -1.53	83.58 4.18 -35.78	133.45 4.41 -85.42	180.55 5.54 -122.50	278.28 4.05 -236.48	301.73 4.60 -254.08	112.49 4.29 -65.74	95.55 4.31 -46.57	69.45 3.63 -27.79	78.89 2.88 -45.26
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.73 1.66 0.00	28.20 1.78 0.00	29.16 1.86 0.00	26.58 1.81 0.00	31.78 2.18 0.00	29.62 1.97 0.00	30.99 2.19 0.00	45.09 3.24 0.00	34.38 2.54 0.00	30.24 2.08 0.00	57.08 2.56 -17.85	36.37 2.57 -0.02	41.69 2.80 -0.98	34.40 2.40 -0.20	35.59 2.39 -1.53	62.18 2.99 -15.58	46.84 3.22 0.00	56.61 4.11 0.00	42.53 3.03 -1.75	46.43 3.39 0.00	47.62 3.09 -2.07	47.80 3.02 -0.11	46.12 2.48 -5.62	32.65 1.89 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.75 1.67 0.00	28.22 1.80 0.00	29.17 1.87 0.00	26.59 1.83 0.00	31.80 2.19 0.00	29.63 1.99 0.00	31.02 2.22 0.00	45.11 3.27 0.00	34.41 2.55 0.00	30.25 2.10 0.00	57.10 2.58 -17.85	36.38 2.59 -0.02	41.70 2.81 -0.98	34.42 2.42 -0.20	35.60 2.40 -1.53	62.21 3.01 -15.58	46.87 3.25 0.00	56.63 4.13 0.00	42.55 3.06 -1.75	46.47 3.43 0.00	47.65 3.12 -2.07	47.84 3.06 -0.11	46.14 2.50 -5.62	32.66 1.91 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.72 1.65 0.00	28.19 1.77 0.00	29.14 1.84 0.00	26.56 1.80 0.00	31.77 2.16 0.00	29.61 1.96 0.00	30.98 2.18 0.00	45.06 3.21 0.00	34.37 2.52 0.00	30.22 2.07 0.00	57.07 2.54 -17.85	36.34 2.55 -0.02	41.66 2.77 -0.98	34.39 2.38 -0.20	35.57 2.37 -1.53	62.16 2.97 -15.58	46.81 3.18 0.00	56.58 4.08 0.00	42.50 3.00 -1.75	46.41 3.37 0.00	47.60 3.06 -2.07	47.79 3.00 -0.11	46.10 2.45 -5.62	32.63 1.88 0.00
FARRAGUT___LBMP 323566	24.70 1.63 0.00	28.17 1.75 0.00	29.12 1.82 0.00	26.54 1.78 0.00	31.75 2.14 0.00	29.58 1.93 0.00	30.96 2.16 0.00	45.02 3.18 0.00	34.34 2.49 0.00	30.19 2.03 0.00	57.03 2.50 -17.85	36.31 2.51 -0.02	41.62 2.73 -0.98	34.35 2.34 -0.20	35.54 2.33 -1.53	62.12 2.92 -15.58	46.76 3.14 0.00	56.52 4.02 0.00	42.46 2.96 -1.75	46.37 3.33 0.00	47.56 3.03 -2.07	47.75 2.97 -0.11	46.06 2.42 -5.62	32.60 1.85 0.00
FENNER___WINDPWR 24204	23.60 0.52 0.00	26.99 0.57 0.00	27.88 0.58 0.00	25.24 0.48 0.00	30.17 0.56 0.00	28.17 0.52 0.00	29.44 0.63 0.00	42.84 1.00 0.00	32.67 0.82 0.00	28.84 0.68 0.00	37.53 0.85 0.00	34.47 0.69 0.00	38.68 0.77 0.00	32.50 0.67 -0.04	32.54 0.68 -0.19	44.63 0.87 -0.15	44.67 1.05 0.00	53.68 1.18 0.00	38.76 0.71 -0.31	43.82 0.78 0.00	43.53 0.70 -0.37	45.33 0.52 -0.13	39.42 0.40 -1.00	31.11 0.36 0.00
FIBERTEK___ENERGY 23856	22.99 -0.09 0.00	26.29 -0.12 0.00	27.12 -0.18 0.00	24.58 -0.18 0.00	29.40 -0.21 0.00	27.40 -0.25 0.00	28.57 -0.23 0.00	41.50 -0.35 0.00	31.60 -0.24 0.00	27.94 -0.22 0.00	36.38 -0.30 0.00	33.49 -0.29 0.00	37.57 -0.35 0.00	31.53 -0.31 -0.04	31.55 -0.31 -0.19	43.22 -0.54 -0.15	43.12 -0.50 0.00	52.01 -0.49 0.00	37.63 -0.43 -0.32	42.58 -0.46 0.00	42.48 -0.36 -0.38	44.18 -0.51 -0.02	38.69 -0.36 -1.03	30.55 -0.21 0.00
FITZPATRICK____ 23598	22.31 -0.77 0.00	25.50 -0.91 0.00	26.32 -0.98 0.00	23.87 -0.89 0.00	28.55 -1.06 0.00	26.60 -1.05 0.00	27.72 -1.09 0.00	40.28 -1.56 0.00	30.67 -1.18 0.00	27.12 -1.03 0.00	35.33 -1.34 0.00	32.54 -1.24 0.00	36.53 -1.39 0.00	30.66 -1.17 -0.03	30.64 -1.17 -0.14	42.00 -1.73 -0.11	41.92 -1.70 0.00	50.49 -2.01 0.00	36.50 -1.47 -0.23	41.40 -1.64 0.00	41.27 -1.47 -0.28	43.10 -1.58 -0.01	37.52 -1.26 -0.76	29.81 -0.94 0.00
FLOWRFLD_69_KV_BK1 356044	50.37 2.70 -24.60	47.31 2.99 -17.91	52.71 3.03 -22.38	47.33 2.92 -19.64	49.57 3.47 -16.50	83.31 3.22 -52.44	90.18 3.48 -57.90	64.76 5.06 -17.86	35.49 3.64 0.00	31.02 2.86 0.00	58.05 3.65 -17.72	37.40 3.56 -0.05	43.28 4.15 -1.21	40.61 3.51 -5.31	36.57 3.37 -1.53	86.49 4.71 -38.16	143.33 5.00 -94.71	194.76 6.32 -135.94	301.25 4.53 -258.97	328.42 5.19 -280.18	119.96 4.73 -72.77	94.41 4.83 -44.91	72.28 4.01 -30.24	84.22 3.20 -50.26
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	24.81 1.74 0.00	28.29 1.87 0.00	29.25 1.95 0.00	26.62 1.86 0.00	31.86 2.26 0.00	29.73 2.07 0.00	31.11 2.30 0.00	45.24 3.39 0.00	34.41 2.56 0.00	30.27 2.11 0.00	39.32 2.65 0.00	36.40 2.61 -0.02	40.79 2.88 0.00	34.45 2.45 -0.21	35.10 2.39 -1.03	47.50 3.06 -0.82	46.85 3.23 0.00	56.64 4.14 0.00	42.57 3.06 -1.77	46.49 3.45 0.00	47.78 3.23 -2.09	47.99 3.21 -0.11	46.31 2.62 -5.67	32.79 2.04 0.00
FORT ORANGE____ 23900	24.09 1.02 0.00	27.49 1.07 0.00	28.39 1.09 0.00	25.81 1.05 0.00	30.86 1.26 0.00	28.76 1.11 0.00	29.82 1.01 0.00	43.32 1.47 0.00	32.93 1.08 0.00	28.98 0.82 0.00	41.96 1.30 -3.99	35.07 1.27 -0.02	39.46 1.32 -0.22	33.21 1.16 -0.25	34.16 1.13 -1.36	49.48 1.52 -4.35	45.02 1.40 0.00	54.36 1.85 0.00	41.33 1.42 -2.16	44.67 1.63 0.00	46.75 1.73 -2.56	46.53 1.73 -0.14	46.28 1.31 -6.95	31.75 1.00 0.00
FORT_DRUM_COGEN 23780	23.94 -0.25 -1.12	27.46 0.01 -1.04	27.77 0.47 0.00	25.09 0.33 0.00	29.98 0.37 0.00	28.30 0.65 0.00	29.73 0.93 0.00	43.21 1.36 0.00	32.53 0.68 0.00	28.15 0.00 0.00	36.29 -0.39 0.00	33.06 -0.73 0.00	36.87 -1.05 0.00	31.20 -0.61 -0.02	31.45 -0.31 -0.09	43.73 0.04 -0.07	44.27 0.65 0.00	53.31 0.81 0.00	37.92 0.03 -0.15	42.57 -0.47 0.00	41.75 -0.88 -0.18	43.56 -1.39 -0.28	37.03 -1.47 -0.48	29.39 -1.36 0.00
FOX_HILLS___ESR 323835	24.79 1.71 0.00	28.25 1.84 0.00	29.20 1.90 0.00	26.58 1.82 0.00	31.81 2.20 0.00	29.70 2.05 0.00	31.08 2.27 0.00	45.15 3.30 0.00	34.40 2.55 0.00	30.26 2.11 0.00	57.01 2.52 -17.81	36.33 2.53 -0.02	41.63 2.74 -0.97	34.38 2.38 -0.20	35.57 2.36 -1.53	61.99 2.83 -15.54	46.78 3.16 0.00	56.48 3.97 0.00	42.56 3.07 -1.75	46.47 3.43 0.00	47.61 3.08 -2.07	47.80 3.01 -0.11	46.12 2.47 -5.62	32.67 1.92 0.00
FPL_FAR_ROCK_GT1 24212	47.64 2.41 -22.15	45.16 2.62 -16.12	50.19 2.74 -20.15	45.03 2.59 -17.68	47.51 3.05 -14.85	77.72 2.85 -47.22	84.08 3.13 -52.14	62.39 4.47 -16.08	35.15 3.30 0.00	30.81 2.65 0.00	57.86 3.46 -17.72	37.78 3.43 -0.57	44.57 3.94 -2.71	49.51 3.28 -14.43	36.32 3.12 -1.53	83.68 4.28 -35.78	133.43 4.39 -85.42	180.50 5.49 -122.50	278.24 4.01 -236.48	301.68 4.55 -254.08	112.49 4.29 -65.74	95.53 4.29 -46.57	69.40 3.58 -27.79	78.83 2.82 -45.26
FPL_FAR_ROCK_GT2 23815	47.64 2.41 -22.15	45.16 2.62 -16.12	50.19 2.74 -20.15	45.03 2.59 -17.68	47.51 3.05 -14.85	77.72 2.85 -47.22	84.08 3.13 -52.14	62.39 4.47 -16.08	35.15 3.30 0.00	30.81 2.65 0.00	57.86 3.46 -17.72	37.78 3.43 -0.57	44.57 3.94 -2.71	49.51 3.28 -14.43	36.32 3.12 -1.53	83.68 4.28 -35.78	133.43 4.39 -85.42	180.50 5.49 -122.50	278.24 4.01 -236.48	301.68 4.55 -254.08	112.49 4.29 -65.74	95.53 4.29 -46.57	69.40 3.58 -27.79	78.83 2.82 -45.26
FRANKLIN_FALL_HYD 24054	37.29 -0.53 -14.75	39.70 -0.45 -13.73	27.18 -0.12 0.00	24.65 -0.11 0.00	29.73 0.12 0.00	28.19 0.54 0.00	29.50 0.70 0.00	42.84 0.99 0.00	32.40 0.55 0.00	28.90 0.75 0.00	37.87 1.19 0.00	34.75 0.97 0.00	38.70 0.79 0.00	32.04 0.24 0.00	31.79 0.12 0.00	44.55 0.93 0.00	44.61 0.99 0.00	53.07 0.57 0.00	37.83 0.09 0.00	42.93 -0.11 0.00	41.93 -0.53 0.00	48.11 -0.14 -3.58	37.88 -0.14 0.00	30.51 -0.24 0.00
FREEPORT_EQUS_GT1 23764	46.76 2.23 -21.46	44.47 2.43 -15.62	49.36 2.53 -19.53	44.31 2.41 -17.13	46.83 2.83 -14.39	76.05 2.64 -45.75	82.22 2.90 -50.52	61.54 4.11 -15.58	34.86 3.01 0.00	30.46 2.30 0.00	57.35 2.94 -17.72	36.99 2.96 -0.24	43.25 3.58 -1.76	43.11 2.97 -8.34	35.89 2.69 -1.53	82.88 3.58 -35.68	130.08 3.74 -82.72	175.86 4.69 -118.67	269.36 3.45 -228.16	292.53 3.90 -245.59	109.85 3.63 -63.76	89.76 3.76 -41.33	68.39 3.27 -27.11	77.19 2.59 -43.85

FREEPORT___CT2 23818	46.76 2.23 -21.46	44.47 2.43 -15.62	49.36 2.53 -19.53	44.31 2.41 -17.13	46.83 2.83 -14.39	76.05 2.64 -45.75	82.22 2.90 -50.52	61.54 4.11 -15.58	34.86 3.01 0.00	30.46 2.30 0.00	57.35 2.94 -17.72	36.99 2.96 -0.24	43.25 3.58 -1.76	43.11 2.97 -8.34	35.89 2.69 -1.53	82.88 3.58 -35.68	130.08 3.74 -82.72	175.86 4.69 -118.67	269.36 3.45 -228.16	292.53 3.90 -245.59	109.85 3.63 -63.76	89.76 3.76 -41.33	68.39 3.27 -27.11	77.19 2.59 -43.85
FRESHKLS_33_KV_LOAD 356253	24.78 1.70 0.00	28.25 1.83 0.00	29.20 1.90 0.00	26.59 1.83 0.00	31.82 2.22 0.00	29.72 2.06 0.00	31.08 2.27 0.00	45.13 3.28 0.00	34.37 2.52 0.00	30.24 2.08 0.00	56.94 2.45 -17.81	36.26 2.47 -0.02	41.56 2.67 -0.97	34.32 2.32 -0.20	35.52 2.32 -1.53	61.91 2.75 -15.54	46.73 3.10 0.00	56.39 3.89 0.00	42.54 3.04 -1.75	46.45 3.41 0.00	47.57 3.04 -2.07	47.76 2.98 -0.11	46.09 2.44 -5.62	32.67 1.92 0.00
FULTON COGEN____ 23766	22.62 -0.45 0.00	25.83 -0.59 0.00	26.64 -0.66 0.00	24.17 -0.60 0.00	28.90 -0.70 0.00	26.93 -0.72 0.00	28.08 -0.72 0.00	40.83 -1.02 0.00	31.08 -0.77 0.00	27.47 -0.69 0.00	35.78 -0.89 0.00	32.95 -0.83 0.00	36.98 -0.93 0.00	31.03 -0.80 -0.03	31.03 -0.81 -0.17	42.54 -1.21 -0.13	42.50 -1.12 0.00	51.17 -1.33 0.00	37.05 -0.98 -0.28	41.96 -1.08 0.00	41.87 -0.93 -0.33	43.61 -1.07 -0.02	38.06 -0.86 -0.91	30.14 -0.61 0.00
FULTON___LFGE 323630	25.18 2.10 0.00	28.87 2.46 0.00	29.74 2.44 0.00	26.96 2.20 0.00	32.37 2.76 0.00	30.32 2.67 0.00	31.80 2.99 0.00	46.37 4.52 0.00	35.00 3.15 0.00	30.56 2.40 0.00	41.86 2.43 -2.76	35.76 1.95 -0.02	40.67 2.60 -0.15	34.91 2.85 -0.26	35.55 2.47 -1.40	51.59 3.66 -4.31	47.96 4.34 0.00	58.09 5.59 0.00	44.45 4.13 -2.58	47.74 4.70 0.00	49.98 4.47 -3.05	49.33 4.50 -0.16	49.81 3.52 -8.27	33.45 2.70 0.00
G.F.CEMENT___DRP 24184	24.29 1.21 0.00	27.65 1.23 0.00	28.56 1.26 0.00	25.95 1.19 0.00	31.10 1.49 0.00	29.13 1.48 0.00	30.78 1.98 0.00	44.87 3.02 0.00	34.06 2.21 0.00	29.77 1.61 0.00	42.73 2.09 -3.96	35.72 1.92 -0.02	40.55 2.42 -0.22	33.75 1.69 -0.26	35.02 1.96 -1.39	50.81 2.76 -4.43	46.68 3.06 0.00	56.14 3.64 0.00	42.60 2.62 -2.24	46.03 2.99 0.00	47.83 2.73 -2.65	47.75 2.94 -0.14	47.45 2.25 -7.18	32.37 1.62 0.00
GARDENVILLE___LBMP 24039	22.90 -0.18 0.00	25.98 -0.44 0.00	26.52 -0.78 0.00	24.09 -0.67 0.00	28.65 -0.96 0.00	26.26 -1.39 0.00	27.02 -1.78 0.00	39.36 -2.49 0.00	30.18 -1.67 0.00	26.87 -1.29 0.00	34.97 -1.71 0.00	32.19 -1.60 0.00	36.63 -1.28 0.00	30.46 -1.40 -0.05	30.14 -1.78 -0.25	41.09 -2.73 -0.20	41.01 -2.61 0.00	49.29 -3.21 0.00	35.47 -2.69 -0.42	40.04 -3.00 0.00	39.73 -3.23 -0.50	41.00 -3.52 0.15	36.64 -2.74 -1.35	29.28 -1.47 0.00
GARDNVLA_35_KV_LD 355827	23.00 -0.08 0.00	26.09 -0.32 0.00	26.63 -0.67 0.00	24.19 -0.57 0.00	28.77 -0.84 0.00	26.36 -1.29 0.00	27.15 -1.65 0.00	39.58 -2.26 0.00	30.34 -1.50 0.00	27.02 -1.14 0.00	35.17 -1.51 0.00	32.36 -1.43 0.00	36.82 -1.09 0.00	30.63 -1.22 -0.05	30.32 -1.60 -0.25	41.34 -2.48 -0.20	41.26 -2.36 0.00	49.60 -2.90 0.00	35.69 -2.47 -0.42	40.29 -2.75 0.00	39.97 -2.99 -0.50	41.26 -3.27 0.14	36.84 -2.54 -1.35	29.43 -1.33 0.00
GELCKHM___115KV_LOAD 80723	22.80 -0.28 0.00	26.06 -0.36 0.00	26.87 -0.43 0.00	24.37 -0.39 0.00	29.14 -0.47 0.00	27.14 -0.51 0.00	28.29 -0.51 0.00	41.12 -0.73 0.00	31.31 -0.54 0.00	27.68 -0.47 0.00	36.05 -0.63 0.00	33.20 -0.58 0.00	37.27 -0.64 0.00	31.26 -0.58 -0.04	31.28 -0.57 -0.18	42.83 -0.93 -0.15	42.76 -0.87 0.00	51.56 -0.94 0.00	37.30 -0.74 -0.30	42.23 -0.81 0.00	42.15 -0.67 -0.36	43.86 -0.83 -0.02	38.37 -0.63 -0.99	30.33 -0.42 0.00
GENERAL___MILLS 23808	22.97 -0.10 0.00	26.07 -0.35 0.00	26.61 -0.69 0.00	24.17 -0.59 0.00	28.75 -0.86 0.00	26.34 -1.31 0.00	27.13 -1.67 0.00	39.53 -2.32 0.00	30.30 -1.55 0.00	26.98 -1.18 0.00	35.12 -1.56 0.00	32.32 -1.46 0.00	36.78 -1.14 0.00	30.60 -1.26 -0.05	30.27 -1.65 -0.25	41.28 -2.54 -0.20	41.20 -2.42 0.00	49.52 -2.98 0.00	35.63 -2.53 -0.42	40.24 -2.81 0.00	39.91 -3.04 -0.50	41.19 -3.34 0.14	36.79 -2.58 -1.35	29.40 -1.36 0.00
GE_PLASTICS___DRP 24183	24.11 1.04 0.00	27.51 1.10 0.00	28.42 1.12 0.00	25.83 1.07 0.00	30.90 1.29 0.00	28.78 1.14 0.00	29.92 1.11 0.00	43.46 1.62 0.00	33.06 1.21 0.00	29.14 0.98 0.00	42.14 1.46 -4.00	35.24 1.44 -0.02	39.66 1.53 -0.22	33.33 1.28 -0.25	34.31 1.28 -1.37	49.63 1.66 -4.36	45.17 1.55 0.00	54.49 1.99 0.00	41.43 1.52 -2.17	44.78 1.73 0.00	46.80 1.77 -2.57	46.61 1.81 -0.14	46.41 1.43 -6.96	31.85 1.10 0.00
GILBOA___1 23756	24.07 0.99 0.00	27.47 1.06 0.00	28.38 1.07 0.00	25.80 1.04 0.00	30.87 1.26 0.00	28.66 1.02 0.00	29.83 1.03 0.00	43.36 1.51 0.00	32.94 1.09 0.00	29.12 0.97 0.00	37.97 1.29 0.00	35.08 1.29 -0.01	39.33 1.42 0.00	33.14 1.17 -0.18	33.71 1.14 -0.90	45.68 1.35 -0.71	44.78 1.16 0.00	53.83 1.33 0.00	40.57 1.32 -1.51	44.51 1.46 0.00	45.65 1.41 -1.79	46.22 1.45 -0.10	44.08 1.21 -4.84	31.72 0.97 0.00
GILBOA___2 23757	24.07 0.99 0.00	27.47 1.06 0.00	28.38 1.07 0.00	25.80 1.04 0.00	30.87 1.26 0.00	28.66 1.02 0.00	29.83 1.03 0.00	43.36 1.51 0.00	32.94 1.09 0.00	29.12 0.97 0.00	37.97 1.29 0.00	35.08 1.29 -0.01	39.33 1.42 0.00	33.14 1.17 -0.18	33.71 1.14 -0.90	45.68 1.35 -0.71	44.78 1.16 0.00	53.83 1.33 0.00	40.57 1.32 -1.51	44.51 1.46 0.00	45.65 1.41 -1.79	46.22 1.45 -0.10	44.08 1.21 -4.84	31.72 0.97 0.00
GILBOA___3 23758	24.07 0.99 0.00	27.47 1.06 0.00	28.38 1.07 0.00	25.80 1.04 0.00	30.87 1.26 0.00	28.66 1.02 0.00	29.83 1.03 0.00	43.36 1.51 0.00	32.94 1.09 0.00	29.12 0.97 0.00	37.97 1.29 0.00	35.08 1.29 -0.01	39.33 1.42 0.00	33.14 1.17 -0.18	33.71 1.14 -0.90	45.68 1.35 -0.71	44.78 1.16 0.00	53.83 1.33 0.00	40.57 1.32 -1.51	44.51 1.46 0.00	45.65 1.41 -1.79	46.22 1.45 -0.10	44.08 1.21 -4.84	31.72 0.97 0.00
GILBOA___4 23759	24.07 0.99 0.00	27.47 1.06 0.00	28.38 1.07 0.00	25.80 1.04 0.00	30.87 1.26 0.00	28.66 1.02 0.00	29.83 1.03 0.00	43.36 1.51 0.00	32.94 1.09 0.00	29.12 0.97 0.00	37.97 1.29 0.00	35.08 1.29 -0.01	39.33 1.42 0.00	33.14 1.17 -0.18	33.71 1.14 -0.90	45.68 1.35 -0.71	44.78 1.16 0.00	53.83 1.33 0.00	40.57 1.32 -1.51	44.51 1.46 0.00	45.65 1.41 -1.79	46.22 1.45 -0.10	44.08 1.21 -4.84	31.72 0.97 0.00
GILBOA___ 23599	24.07 0.99 0.00	27.47 1.05 0.00	28.37 1.07 0.00	25.80 1.04 0.00	30.86 1.26 0.00	28.66 1.02 0.00	29.83 1.03 0.00	43.36 1.51 0.00	32.94 1.09 0.00	29.12 0.97 0.00	37.97 1.29 0.00	35.09 1.30 -0.01	39.33 1.41 0.00	33.14 1.17 -0.18	33.71 1.14 -0.90	45.68 1.35 -0.71	44.77 1.15 0.00	53.83 1.33 0.00	40.57 1.32 -1.51	44.51 1.47 0.00	45.66 1.41 -1.79	46.21 1.45 -0.10	44.08 1.21 -4.84	31.73 0.98 0.00

GOUDEY___8 23580	23.55 0.47 0.00	26.88 0.46 0.00	27.69 0.39 0.00	25.17 0.41 0.00	30.12 0.51 0.00	27.92 0.27 0.00	29.10 0.30 0.00	42.38 0.53 0.00	32.27 0.42 0.00	28.51 0.35 0.00	37.13 0.45 0.00	34.21 0.43 -0.01	38.37 0.46 0.00	32.19 0.30 -0.08	32.33 0.26 -0.40	44.26 0.32 -0.32	43.97 0.35 0.00	53.09 0.59 0.00	38.62 0.21 -0.67	43.25 0.20 0.00	43.37 0.10 -0.81	44.60 -0.11 -0.04	40.16 -0.04 -0.19	30.88 0.13 0.00
GOWANUS_GT1_1 24077	24.83 1.75 0.00	28.29 1.87 0.00	29.23 1.93 0.00	26.62 1.86 0.00	31.84 2.24 0.00	29.72 2.06 0.00	31.11 2.31 0.00	45.23 2.31 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.64 -0.02	41.76 2.87 -0.97	34.48 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.67 4.17 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.21 2.57 -5.62	32.72 1.98 0.00
GOWANUS_GT1_2 24078	24.83 1.75 0.00	28.29 1.87 0.00	29.23 1.93 0.00	26.62 1.86 0.00	31.84 2.24 0.00	29.72 2.06 0.00	31.11 2.31 0.00	45.23 3.39 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.64 -0.02	41.76 2.87 -0.97	34.48 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.67 4.17 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.21 2.57 -5.62	32.72 1.98 0.00
GOWANUS_GT1_3 24079	24.83 1.75 0.00	28.29 1.87 0.00	29.23 1.93 0.00	26.62 1.86 0.00	31.84 2.24 0.00	29.72 2.06 0.00	31.11 2.31 0.00	45.23 3.39 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.64 -0.02	41.76 2.87 -0.97	34.48 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.67 4.17 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.21 2.57 -5.62	32.72 1.98 0.00
GOWANUS_GT1_4 24080	24.83 1.75 0.00	28.29 1.87 0.00	29.23 1.93 0.00	26.62 1.86 0.00	31.84 2.24 0.00	29.72 2.06 0.00	31.11 2.31 0.00	45.23 3.39 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.64 -0.02	41.76 2.87 -0.97	34.48 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.67 4.17 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.21 2.57 -5.62	32.72 1.98 0.00
GOWANUS_GT1_5 24084	24.83 1.75 0.00	28.29 1.87 0.00	29.23 1.93 0.00	26.62 1.86 0.00	31.84 2.24 0.00	29.72 2.06 0.00	31.11 2.31 0.00	45.23 3.39 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.64 -0.02	41.76 2.87 -0.97	34.48 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.67 4.17 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.21 2.57 -5.62	32.72 1.98 0.00
GOWANUS_GT1_6 24111	24.83 1.75 0.00	28.29 1.87 0.00	29.23 1.93 0.00	26.62 1.86 0.00	31.84 2.24 0.00	29.72 2.06 0.00	31.11 2.31 0.00	45.23 3.39 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.64 -0.02	41.76 2.87 -0.97	34.48 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.67 4.17 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.21 2.57 -5.62	32.72 1.98 0.00
GOWANUS_GT1_7 24112	24.83 1.75 0.00	28.29 1.87 0.00	29.23 1.93 0.00	26.62 1.86 0.00	31.84 2.24 0.00	29.72 2.06 0.00	31																	

GOWANUS_GT2_7 24120	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
GOWANUS_GT2_8 24121	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
GOWANUS_GT3_1 24122	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
GOWANUS_GT3_2 24123	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
GOWANUS_GT3_3 24124	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
GOWANUS_GT3_4 24125	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
GOWANUS_GT3_5 24126	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
GOWANUS_GT3_6 24127	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00																		

INDECK___ILION 23567	23.59 0.51 0.00	26.97 0.55 0.00	27.89 0.59 0.00	25.35 0.59 0.00	30.32 0.71 0.00	28.29 0.64 0.00	29.56 0.75 0.00	43.01 1.17 0.00	32.72 0.87 0.00	28.77 0.61 0.00	37.36 0.68 0.00	34.43 0.65 0.00	38.63 0.72 0.00	32.71 0.91 0.00	32.71 1.01 -0.03	44.90 1.27 -0.02	44.78 1.16 0.00	54.08 1.58 0.00	38.95 1.16 -0.04	44.33 1.29 0.00	43.72 1.21 -0.05	45.78 1.11 0.00	39.00 0.84 -0.14	31.35 0.59 0.00
INDECK___OLEAN 23982	24.23 1.16 0.00	27.63 1.22 0.00	28.25 0.95 0.00	25.72 0.96 0.00	30.70 1.10 0.00	28.08 0.43 0.00	28.79 -0.02 0.00	42.10 0.25 0.00	32.16 0.31 0.00	28.53 0.37 0.00	37.52 0.84 0.00	34.54 0.75 0.00	39.05 1.14 0.00	32.22 0.36 -0.05	31.97 0.04 -0.26	43.71 -0.12 -0.21	43.45 -0.17 0.00	52.39 -0.12 0.00	37.67 -0.51 -0.44	42.56 -0.48 0.00	42.15 -0.84 -0.53	43.40 -1.11 0.15	38.73 -0.71 -1.43	30.88 0.12 0.00
INDECK___OSWEGO 23783	22.45 -0.62 0.00	25.67 -0.75 0.00	26.50 -0.80 0.00	24.03 -0.73 0.00	28.75 -0.86 0.00	26.79 -0.86 0.00	27.94 -0.86 0.00	40.60 -1.24 0.00	30.91 -0.94 0.00	27.30 -0.86 0.00	35.55 -1.13 0.00	32.73 -1.05 0.00	36.71 -1.20 0.00	30.83 -1.00 -0.03	30.84 -1.00 -0.16	42.27 -1.48 -0.13	42.21 -1.41 0.00	50.82 -1.68 0.00	36.77 -1.24 -0.27	41.65 -1.39 0.00	41.55 -1.23 -0.32	43.29 -1.40 -0.02	37.77 -1.12 -0.88	29.92 -0.83 0.00
INDECK___YERKES 23781	22.69 -0.39 0.00	25.77 -0.64 0.00	26.32 -0.98 0.00	23.86 -0.89 0.00	28.40 -1.21 0.00	25.99 -1.66 0.00	26.73 -2.07 0.00	38.91 -2.94 0.00	29.89 -1.96 0.00	26.62 -1.53 0.00	34.58 -2.10 0.00	31.87 -1.92 0.00	36.28 -1.63 0.00	30.19 -1.66 -0.05	29.83 -2.08 -0.24	40.62 -3.19 -0.19	40.52 -3.10 0.00	48.74 -3.77 -0.01	35.05 -3.10 -0.40	39.61 -3.44 0.00	39.29 -3.65 -0.48	40.63 -3.91 0.13	36.29 -3.05 -1.31	29.07 -1.68 0.00
INDIAN POINT_GT_1 24139	24.54 1.47 0.00	27.99 1.57 0.00	28.95 1.64 0.00	26.37 1.61 0.00	31.55 1.94 0.00	29.43 1.78 0.00	30.77 1.97 0.00	44.73 2.88 0.00	34.05 2.20 0.00	29.93 1.78 0.00	59.88 2.19 -21.01	36.01 2.21 -0.02	41.46 2.40 -1.15	34.05 2.05 -0.20	35.29 2.01 -1.61	64.28 2.46 -18.20	46.26 2.64 0.00	55.93 3.43 0.00	42.00 2.53 -1.74	45.88 2.84 0.00	47.12 2.61 -2.05	47.34 2.56 -0.11	45.70 2.11 -5.57	32.37 1.62 0.00
INDIAN POINT_GT_2 23659	24.54 1.47 0.00	27.99 1.57 0.00	28.95 1.64 0.00	26.37 1.61 0.00	31.55 1.94 0.00	29.43 1.78 0.00	30.77 1.97 0.00	44.73 2.88 0.00	34.05 2.20 0.00	29.93 1.78 0.00	59.88 2.19 -21.01	36.01 2.21 -0.02	41.46 2.40 -1.15	34.05 2.05 -0.20	35.29 2.01 -1.61	64.28 2.46 -18.20	46.26 2.64 0.00	55.93 3.43 0.00	42.00 2.53 -1.74	45.88 2.84 0.00	47.12 2.61 -2.05	47.34 2.56 -0.11	45.70 2.11 -5.57	32.37 1.62 0.00
INDIAN POINT_GT_3 24019	24.54 1.47 0.00	27.99 1.57 0.00	28.95 1.64 0.00	26.37 1.61 0.00	31.55 1.94 0.00	29.43 1.78 0.00	30.77 1.97 0.00	44.73 2.88 0.00	34.05 2.20 0.00	29.93 1.78 0.00	59.88 2.19 -21.01	36.01 2.21 -0.02	41.46 2.40 -1.15	34.05 2.05 -0.20	35.29 2.01 -1.61	64.28 2.46 -18.20	46.26 2.64 0.00	55.93 3.43 0.00	42.00 2.53 -1.74	45.88 2.84 0.00	47.12 2.61 -2.05	47.34 2.56 -0.11	45.70 2.11 -5.57	32.37 1.62 0.00
INDIAN POINT___2 23530	24.52 1.44 0.00	27.95 1.53 0.00	28.91 1.61 0.00	26.34 1.58 0.00	31.51 1.91 0.00	29.39 1.74 0.00	30.73 1.93 0.00	44.66 2.82 0.00	34.00 2.15 0.00	29.87 1.72 0.00	67.39 2.11 -28.61	35.94 2.14 -0.02	41.80 2.32 -1.57	33.98 1.98 -0.20	35.43 1.95 -1.82	70.46 2.35 -24.50	46.15 2.53 0.00	55.81 3.31 0.00	41.89 2.43 -1.71	45.78 2.74 0.00	47.00 2.52 -2.03	47.23 2.45 -0.11	45.53 2.02 -5.49	32.30 1.56 0.00
INDIAN POINT___3 23531	24.51 1.44 0.00	27.96 1.55 0.00	28.92 1.62 0.00	26.34 1.58 0.00	31.52 1.91 0.00	29.39 1.74 0.00	30.73 1.93 0.00	44.66 2.82 0.00	34.00 2.15 0.00	29.88 1.73 0.00	60.41 2.14 -21.59	35.95 2.16 -0.02	41.45 2.35 -1.18	34.00 2.00 -0.20	35.27 1.97 -1.63	64.69 2.39 -18.68	46.17 2.55 0.00	55.82 3.32 0.00	41.93 2.45 -1.74	45.80 2.75 0.00	47.04 2.53 -2.05	47.26 2.48 -0.11	45.64 2.05 -5.57	32.32 1.57 0.00
INGHAM_C_115KV_TB7 356103	24.01 0.93 0.00	27.41 0.99 0.00	28.39 1.09 0.00	25.85 1.09 0.00	30.94 1.34 0.00	28.83 1.18 0.00	30.20 1.40 0.00	43.99 2.14 0.00	33.46 1.61 0.00	29.27 1.12 0.00	37.86 1.18 0.00	34.96 1.18 0.00	39.24 1.32 0.00	33.57 1.76 0.00	33.72 2.03 -0.03	46.16 2.52 -0.02	45.85 2.23 0.00	55.57 3.07 0.00	40.06 2.27 -0.04	45.58 2.54 0.00	44.87 2.36 -0.05	46.86 2.18 0.00	39.81 1.65 -0.14	31.89 1.14 0.00
IP CORINTH___1 23988	23.99 0.91 0.00	27.31 0.90 0.00	28.23 0.93 0.00	25.64 0.88 0.00	30.73 1.12 0.00	28.78 1.13 0.00	30.41 1.61 0.00	44.36 2.52 0.00	33.68 1.83 0.00	29.45 1.29 0.00	42.29 1.66 -3.95	35.34 1.54 -0.02	40.17 2.04 -0.22	33.38 1.32 -0.26	34.64 1.58 -1.39	50.27 2.24 -4.42	46.15 2.53 0.00	55.56 3.06 0.00	42.19 2.21 -2.24	45.56 2.52 0.00	47.38 2.27 -2.65	47.34 2.53 -0.14	47.08 1.87 -7.19	32.00 1.25 0.00
IP___TICONDEROGA 23804	24.82 1.74 0.00	28.11 1.69 0.00	29.11 1.81 0.00	26.41 1.65 0.00	31.69 2.09 0.00	29.93 2.28 0.00	31.96 3.16 0.00	46.50 4.65 0.00	35.26 3.41 0.00	30.56 2.40 0.00	43.54 2.90 -3.96	36.51 2.71 -0.02	41.47 3.35 -0.22	34.46 2.40 -0.26	36.05 2.98 -1.39	52.33 4.29 -4.42	48.55 4.92 0.00	57.88 5.38 0.00	43.66 3.68 -2.24	47.30 4.26 0.00	48.79 3.68 -2.65	48.61 3.80 -0.14	48.31 3.11 -7.18	33.18 2.43 0.00
ISLIP_RES_REC 323679	50.50 2.87 -24.56	47.41 3.11 -17.88	52.89 3.24 -22.35	47.45 3.08 -19.61	49.70 3.62 -16.47	83.42 3.42 -52.35	90.34 3.73 -57.80	64.99 5.32 -17.83	35.76 3.91 0.00	31.23 3.07 0.00	58.29 3.89 -17.72	37.58 3.74 -0.06	43.45 4.32 -1.22	40.79 3.66 -5.34	36.76 3.56 -1.53	86.82 5.07 -38.13	143.55 5.39 -94.54	194.97 6.76 -135.71	301.17 4.87 -258.56	328.21 5.47 -279.71	120.17 5.06 -72.64	94.64 5.11 -44.86	72.41 4.19 -30.20	84.26 3.33 -50.18
JAMAICA__27_KV_LOAD 355505	24.83 1.76 0.00	28.32 1.91 0.00	29.29 1.99 0.00	26.73 1.97 0.00	31.97 2.36 0.00	29.74 2.09 0.00	31.13 2.33 0.00	45.37 3.53 0.00	34.57 2.72 0.00	30.38 2.22 0.00	57.27 2.74 -17.85	36.55 2.75 -0.02	41.85 2.96 -0.98	34.52 2.52 -0.20	35.73 2.53 -1.53	62.38 3.19 -15.58	47.12 3.50 0.00	56.93 4.43 0.00	42.76 3.27 -1.75	46.75 3.71 0.00	47.92 3.38 -2.07	48.11 3.33 -0.11	46.32 2.68 -5.62	32.80 2.05 0.00
JANIS___SOLAR 323808	24.42 1.34 0.00	27.94 1.52 0.00	28.82 1.52 0.00	26.13 1.36 0.00	31.24 1.63 0.00	29.09 1.44 0.00	30.53 1.73 0.00	44.54 2.70 0.00	33.98 2.13 0.00	29.96 1.81 0.00	38.88 2.20 0.00	35.77 1.98 -0.01	39.87 1.96 0.00	33.52 1.64 -0.07	33.78 1.78 -0.33	46.50 2.63 -0.26	46.65 3.02 0.00	56.43 3.92 0.00	40.63 2.33 -0.56	45.65 2.61 0.00	45.59 2.44 -0.69	47.29 2.17 -0.46	41.58 1.68 -1.88	32.15 1.40 0.00

JARVIS____ 23743	23.22 0.14 0.00	26.56 0.15 0.00	27.46 0.16 0.00	24.91 0.15 0.00	29.79 0.18 0.00	27.82 0.17 0.00	29.00 0.20 0.00	42.17 0.33 0.00	32.08 0.23 0.00	28.31 0.15 0.00	36.84 0.17 0.00	33.93 0.15 0.00	38.09 0.17 0.00	32.00 0.20 0.00	31.89 0.19 -0.03	43.88 0.24 -0.02	43.85 0.23 0.00	52.82 0.32 0.00	38.01 0.22 -0.04	43.27 0.23 0.00	42.72 0.21 -0.05	44.85 0.18 0.00	38.31 0.15 -0.14	30.86 0.10 0.00
JENNISON____1 23625	24.57 1.50 0.00	28.08 1.66 0.00	29.04 1.74 0.00	26.35 1.59 0.00	31.50 1.90 0.00	29.30 1.65 0.00	30.82 2.02 0.00	45.03 3.18 0.00	34.53 2.68 0.00	30.45 2.29 0.00	36.74 2.87 2.81	36.46 2.67 -0.01	40.64 2.88 0.15	34.23 2.34 -0.09	34.49 2.53 -0.29	47.77 3.86 -0.30	47.57 3.95 0.00	57.57 5.07 0.00	41.16 2.78 -0.65	46.07 3.03 0.00	46.06 2.77 -0.84	47.19 2.36 -0.17	41.97 1.67 -2.27	32.13 1.38 0.00
JENNISON____2 23626	24.57 1.50 0.00	28.08 1.66 0.00	29.04 1.74 0.00	26.35 1.59 0.00	31.50 1.90 0.00	29.30 1.65 0.00	30.82 2.02 0.00	45.03 3.18 0.00	34.53 2.68 0.00	30.45 2.29 0.00	36.74 2.87 2.81	36.46 2.67 -0.01	40.64 2.88 0.15	34.23 2.34 -0.09	34.49 2.53 -0.29	47.77 3.86 -0.30	47.57 3.95 0.00	57.57 5.07 0.00	41.16 2.78 -0.65	46.07 3.03 0.00	46.06 2.77 -0.84	47.19 2.36 -0.17	41.97 1.67 -2.27	32.13 1.38 0.00
JERICHO_RISE_WT_PWR 323719	-1.25 -1.05 23.27	3.71 -1.04 21.66	26.60 -0.70 0.00	24.16 -0.60 0.00	29.23 -0.38 0.00	27.81 0.16 0.00	29.19 0.39 0.00	42.33 0.48 0.00	32.02 0.17 0.00	28.53 0.38 0.00	37.44 0.76 0.00	34.37 0.59 0.00	38.26 0.35 0.00	31.54 -0.25 0.00	31.20 -0.47 0.00	43.94 0.32 0.00	43.94 0.32 0.00	52.18 -0.32 0.00	37.12 -0.62 0.00	42.08 -0.96 0.00	41.07 -1.39 0.00	37.84 -1.17 5.66	37.10 -0.92 0.00	29.90 -0.85 0.00
KATONAH____115KV_46KV_TB4 355592	24.77 1.70 0.00	28.25 1.84 0.00	29.21 1.91 0.00	26.60 1.84 0.00	31.83 2.22 0.00	29.68 2.03 0.00	31.06 2.26 0.00	45.18 3.33 0.00	34.40 2.55 0.00	30.24 2.09 0.00	50.07 2.61 -10.78	36.37 2.58 -0.02	41.32 2.81 -0.59	34.39 2.39 -0.21	35.38 2.36 -1.35	56.34 3.00 -9.72	46.81 3.18 0.00	56.62 4.13 0.00	42.56 3.04 -1.78	46.47 3.43 0.00	47.71 3.15 -2.10	47.91 3.13 -0.11	46.27 2.55 -5.70	32.71 1.96 0.00
KCE_NY_1 323755	24.44 1.36 0.00	27.90 1.49 0.00	28.80 1.50 0.00	26.19 1.43 0.00	31.36 1.75 0.00	29.29 1.64 0.00	30.77 1.97 0.00	44.80 2.96 0.00	34.03 2.19 0.00	29.88 1.72 0.00	42.90 2.28 -3.94	35.93 2.13 -0.02	40.63 2.50 -0.22	33.95 1.90 -0.26	35.12 2.05 -1.39	50.87 2.84 -4.42	46.62 3.00 0.00	56.15 3.65 0.00	42.67 2.69 -2.24	46.10 3.06 0.00	48.01 2.90 -2.65	47.86 3.05 -0.14	47.57 2.36 -7.19	32.47 1.72 0.00
KCE_NY_6_ESR 323823	22.93 -0.14 0.00	26.07 -0.35 0.00	26.59 -0.71 0.00	24.12 -0.65 0.00	28.74 -0.87 0.00	26.33 -1.32 0.00	27.12 -1.69 0.00	39.54 -2.31 0.00	30.31 -1.54 0.00	26.98 -1.17 0.00	35.13 -1.55 0.00	32.32 -1.47 0.00	36.78 -1.14 0.00	30.60 -1.26 -0.05	30.29 -1.63 -0.25	41.30 -2.51 -0.20	41.20 -2.43 0.00	49.48 -3.02 0.00	35.63 -2.53 -0.42	40.23 -2.81 0.00	39.89 -3.07 -0.50	41.16 -3.37 0.14	36.78 -2.59 -1.35	29.37 -1.38 0.00
KEDC_PORT_JEFF_GT2 24210	50.40 2.70 -24.62	47.27 2.93 -17.93	52.77 3.06 -22.41	47.33 2.91 -19.66	49.53 3.41 -16.52	83.35 3.22 -52.49	90.25 3.49 -57.96	64.66 4.94 -17.88	35.47 3.62 0.00	31.00 2.84 0.00	58.02 3.61 -17.72	37.36 3.53 -0.05	43.23 4.11 -1.21	40.56 3.47 -5.29	36.53 3.33 -1.53	86.52 4.72 -38.18	143.41 4.99 -94.79	194.83 6.25 -136.07	301.40 4.45 -259.20	328.58 5.10 -280.43	119.94 4.65 -72.83	94.39 4.78 -44.95	72.23 3.95 -30.27	84.20 3.14 -50.31
KEDC_PORT_JEFF_GT3 24211	50.40 2.70 -24.62	47.27 2.93 -17.93	52.77 3.06 -22.41	47.33 2.91 -19.66	49.53 3.41 -16.52	83.35 3.22 -52.49	90.25 3.49 -57.96	64.66 4.94 -17.88	35.47 3.62 0.00	31.00 2.84 0.00	58.02 3.61 -17.72	37.36 3.53 -0.05	43.23 4.11 -1.21	40.56 3.47 -5.29	36.53 3.33 -1.53	86.52 4.72 -38.18	143.41 4.99 -94.79	194.83 6.25 -136.07	301.40 4.45 -259.20	328.58 5.10 -280.43	119.94 4.65 -72.83	94.39 4.78 -44.95	72.23 3.95 -30.27	84.20 3.14 -50.31
KEDC_GLWD_GT4 24219	42.49 1.98 -17.44	41.24 2.13 -12.69	45.41 2.24 -15.87	40.82 2.14 -13.92	43.84 2.54 -11.69	67.17 2.34 -37.18	72.35 2.48 -41.06	58.08 3.57 -12.66	34.54 2.69 0.00	30.33 2.17 0.00	57.29 2.89 -17.72	36.87 2.88 -0.20	42.81 3.28 -1.61	41.48 2.75 -6.93	35.72 2.53 -1.53	80.14 3.31 -33.20	114.42 3.46 -67.34	153.39 4.38 -96.51	229.36 3.21 -188.40	247.77 3.61 -201.12	98.03 3.36 -52.21	81.69 3.33 -33.69	63.87 2.77 -23.08	68.56 2.17 -35.64
KEDC_GLWD_GT5 24220	42.49 1.98 -17.44	41.24 2.13 -12.69	45.41 2.24 -15.87	40.82 2.14 -13.92	43.84 2.54 -11.69	67.17 2.34 -37.18	72.35 2.48 -41.06	58.08 3.57 -12.66	34.54 2.69 0.00	30.33 2.17 0.00	57.29 2.89 -17.72	36.87 2.88 -0.20	42.81 3.28 -1.61	41.48 2.75 -6.93	35.72 2.53 -1.53	80.14 3.31 -33.20	114.42 3.46 -67.34	153.39 4.38 -96.51	229.36 3.21 -188.40	247.77 3.61 -201.12	98.03 3.36 -52.21	81.69 3.33 -33.69	63.87 2.77 -23.08	68.56 2.17 -35.64
KENSICO____ 23655	24.63 1.55 0.00	28.09 1.68 0.00	29.05 1.75 0.00	26.45 1.69 0.00	31.65 2.04 0.00	29.51 1.86 0.00	30.87 2.07 0.00	44.88 3.03 0.00	34.17 2.32 0.00	30.04 1.89 0.00	58.12 2.34 -19.10	36.14 2.35 -0.02	41.53 2.57 -1.05	34.19 2.18 -0.20	35.39 2.15 -1.57	62.91 2.67 -16.62	46.45 2.83 0.00	56.16 3.66 0.00	42.19 2.70 -1.75	46.08 3.04 0.00	47.32 2.79 -2.07	47.52 2.74 -0.11	45.89 2.26 -5.61	32.48 1.73 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	24.77 1.70 0.00	28.24 1.83 0.00	29.19 1.89 0.00	26.58 1.81 0.00	31.83 2.22 0.00	29.71 2.06 0.00	31.15 2.35 0.00	45.34 3.49 0.00	34.45 2.60 0.00	30.24 2.08 0.00	36.03 2.42 3.07	36.19 2.40 -0.02	40.56 2.82 0.17	34.14 2.15 -0.19	34.69 2.13 -0.89	43.99 2.44 2.07	46.31 2.69 0.00	56.09 3.59 0.00	42.12 2.70 -1.68	46.08 3.04 0.00	47.25 2.81 -1.98	47.87 3.09 -0.11	45.91 2.52 -5.37	32.69 1.94 0.00
KIAC_JFK_GT1 23816	24.74 1.67 0.00	28.23 1.81 0.00	29.21 1.91 0.00	26.65 1.89 0.00	31.87 2.26 0.00	29.64 1.99 0.00	31.01 2.21 0.00	45.20 3.35 0.00	34.44 2.59 0.00	30.27 2.11 0.00	57.13 2.61 -17.85	36.42 2.63 -0.02	41.71 2.82 -0.98	34.41 2.40 -0.20	35.61 2.41 -1.53	62.21 3.02 -15.58	46.94 3.32 0.00	56.71 4.20 0.00	42.60 3.11 -1.75	46.57 3.53 0.00	47.74 3.20 -2.07	47.93 3.15 -0.11	46.17 2.53 -5.62	32.68 1.93 0.00
KIAC_JFK_GT2 23817	24.74 1.67 0.00	28.23 1.81 0.00	29.21 1.91 0.00	26.65 1.89 0.00	31.87 2.26 0.00	29.64 1.99 0.00	31.01 2.21 0.00	45.20 3.35 0.00	34.44 2.59 0.00	30.27 2.11 0.00	57.13 2.61 -17.85	36.42 2.63 -0.02	41.71 2.82 -0.98	34.41 2.40 -0.20	35.61 2.41 -1.53	62.21 3.02 -15.58	46.94 3.32 0.00	56.71 4.20 0.00	42.60 3.11 -1.75	46.57 3.53 0.00	47.74 3.20 -2.07	47.93 3.15 -0.11	46.17 2.53 -5.62	32.68 1.93 0.00

KIAC_JFK____ 323774	24.76 1.68 0.00	28.23 1.81 0.00	29.21 1.91 0.00	26.66 1.90 0.00	31.87 2.26 0.00	29.65 2.01 0.00	31.02 2.22 0.00	45.20 3.35 0.00	34.44 2.59 0.00	30.27 2.11 0.00	57.13 2.61 -17.85	36.42 2.62 -0.02	41.71 2.82 -0.98	34.41 2.40 -0.20	35.61 2.41 -1.53	62.21 3.02 -15.58	46.96 3.33 0.00	56.71 4.21 0.00	42.61 3.11 -1.75	46.57 3.53 0.00	47.74 3.21 -2.07	47.93 3.15 -0.11	46.18 2.53 -5.62	32.69 1.94 0.00
KINTIGH____ 23543	22.34 -0.74 0.00	25.39 -1.03 0.00	26.00 -1.30 0.00	23.62 -1.14 0.00	28.08 -1.52 0.00	25.78 -1.88 0.00	26.54 -2.26 0.00	38.66 -3.19 0.00	29.64 -2.21 0.00	26.36 -1.79 0.00	34.33 -2.35 0.00	31.61 -2.18 0.00	35.89 -2.03 0.00	29.88 -1.97 -0.05	29.57 -2.33 -0.23	40.32 -3.48 -0.18	40.23 -3.39 0.00	48.37 -4.13 0.00	34.83 -3.29 -0.38	39.42 -3.62 0.00	39.18 -3.73 -0.45	40.57 -4.00 0.10	36.09 -3.16 -1.23	28.81 -1.94 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-0.01 -0.49 22.60	4.92 -0.45 21.04	27.20 -0.11 0.00	24.71 -0.05 0.00	29.90 0.29 0.00	28.46 0.81 0.00	29.98 1.17 0.00	43.58 1.73 0.00	32.95 1.10 0.00	29.34 1.18 0.00	38.47 1.79 0.00	35.29 1.50 0.00	39.21 1.30 0.00	32.31 0.51 0.00	31.91 0.24 0.00	45.08 1.46 0.00	45.25 1.62 0.00	53.99 1.49 0.00	38.38 0.64 0.00	43.44 0.39 0.00	42.34 -0.12 0.00	39.33 0.16 5.50	38.12 0.09 0.00	30.63 -0.12 0.00
LACHUTE____HYDRO 323717	24.82 1.74 0.00	28.11 1.69 0.00	29.11 1.81 0.00	26.41 1.66 0.00	31.69 2.09 0.00	29.93 2.28 0.00	31.96 3.16 0.00	46.50 4.65 0.00	35.26 3.41 0.00	30.56 2.40 0.00	43.54 2.90 -3.96	36.51 2.71 -0.02	41.47 3.34 -0.22	34.46 2.40 -0.26	36.04 2.98 -1.39	52.33 4.29 -4.42	48.54 4.92 0.00	57.89 5.39 0.00	43.67 3.69 -2.24	47.30 4.26 0.00	48.79 3.68 -2.65	48.61 3.80 -0.14	48.31 3.11 -7.18	33.19 2.43 0.00
LAWRNCV_115KV_TB1 80681	25.49 -0.37 -2.78	28.77 -0.24 -2.59	27.32 0.02 0.00	24.68 -0.08 0.00	29.51 -0.10 0.00	27.61 -0.04 0.00	28.47 -0.34 0.00	41.32 -0.52 0.00	31.39 -0.46 0.00	28.01 -0.14 0.00	36.61 -0.07 0.00	33.56 -0.22 0.00	37.64 -0.27 0.00	31.55 -0.26 0.00	31.52 -0.18 -0.02	43.50 -0.13 -0.02	43.59 -0.03 0.00	51.99 -0.51 0.00	37.45 -0.33 -0.04	42.62 -0.42 0.00	41.82 -0.69 -0.05	45.36 0.01 -0.68	38.14 -0.01 -0.13	30.66 -0.10 0.00
LEDERLE____ 23769	24.56 1.49 0.00	28.01 1.60 0.00	28.98 1.67 0.00	26.39 1.63 0.00	31.60 1.99 0.00	29.47 1.82 0.00	30.83 2.02 0.00	44.81 2.96 0.00	34.10 2.25 0.00	29.97 1.81 0.00	11.20 2.22 27.69	36.04 2.25 -0.02	38.84 2.44 1.51	34.08 2.08 -0.20	33.91 2.04 -0.20	23.76 2.45 22.31	46.25 2.63 0.00	55.94 3.44 0.00	41.94 2.51 -1.69	45.87 2.83 0.00	47.06 2.60 -2.00	47.31 2.53 -0.11	45.53 2.10 -5.42	32.36 1.61 0.00
LIGHTHSE_115KV_TB6 355974	22.53 -0.54 0.00	25.80 -0.61 0.00	26.71 -0.59 0.00	24.23 -0.53 0.00	28.96 -0.64 0.00	27.05 -0.60 0.00	28.26 -0.54 0.00	41.06 -0.78 0.00	31.20 -0.65 0.00	27.44 -0.72 0.00	35.64 -1.03 0.00	32.76 -1.03 0.00	36.72 -1.20 0.00	30.86 -0.97 -0.03	30.93 -0.90 -0.15	42.47 -1.27 -0.12	42.55 -1.07 0.00	51.26 -1.25 0.00	36.91 -1.09 -0.26	41.73 -1.32 0.00	41.51 -1.26 -0.31	43.18 -1.50 -0.02	37.57 -1.29 -0.83	29.75 -1.00 0.00
LINDEN COGEN____ 23786	24.59 1.51 0.00	28.01 1.60 0.00	28.97 1.67 0.00	26.41 1.65 0.00	31.58 1.98 0.00	29.45 1.80 0.00	30.81 2.00 0.00	44.77 2.92 0.00	34.14 2.30 0.00	30.02 1.86 0.00	56.02 2.22 -17.11	36.07 2.27 -0.02	41.35 2.46 -0.97	34.14 2.13 -0.20	35.33 2.13 -1.53	61.78 2.59 -15.57	46.49 2.87 0.00	56.19 3.69 0.00	42.22 2.73 -1.75	46.09 3.05 0.00	47.30 2.77 -2.07	47.48 2.70 -0.11	45.84 2.19 -5.62	32.41 1.67 0.00
LINDHRST_69_KV_BK1 356055	49.16 2.56 -23.52	46.38 2.84 -17.12	51.60 2.89 -21.40	46.33 2.79 -18.78	48.65 3.27 -15.77	80.81 3.02 -50.14	87.41 3.25 -55.36	63.60 4.68 -17.07	35.23 3.38 0.00	30.82 2.66 0.00	57.79 3.39 -17.72	37.23 3.35 -0.10	43.16 3.90 -1.35	41.13 3.25 -6.07	36.31 3.11 -1.53	85.23 4.26 -37.35	138.71 4.51 -90.58	188.16 5.67 -129.99	290.28 4.19 -248.35	316.06 4.75 -268.26	116.53 4.41 -69.66	92.69 4.51 -43.51	70.97 3.78 -29.16	81.84 3.03 -48.06
LIPA_MISC_IPP 23656	50.46 2.72 -24.66	47.39 3.02 -17.96	52.81 3.07 -22.44	47.41 2.96 -19.69	49.62 3.47 -16.54	83.46 3.23 -52.58	90.34 3.49 -58.05	64.78 5.02 -17.91	35.44 3.59 0.00	30.94 2.79 0.00	57.94 3.54 -17.72	37.29 3.46 -0.05	43.14 4.02 -1.20	40.48 3.41 -5.27	36.48 3.28 -1.53	86.46 4.64 -38.21	143.54 4.97 -94.95	195.05 6.26 -136.29	301.88 4.53 -259.60	329.08 5.15 -280.88	120.16 4.76 -72.95	94.47 4.80 -45.00	72.31 3.98 -30.31	84.35 3.20 -50.39
LISF____SOLAR 323691	50.49 2.77 -24.65	47.37 3.00 -17.95	52.86 3.12 -22.43	47.42 2.97 -19.68	49.62 3.48 -16.53	83.49 3.29 -52.55	90.38 3.55 -58.02	64.77 5.03 -17.90	35.49 3.64 0.00	30.97 2.81 0.00	57.97 3.57 -17.72	37.30 3.47 -0.05	43.16 4.04 -1.21	40.53 3.45 -5.28	36.53 3.33 -1.53	86.59 4.77 -38.20	143.61 5.09 -94.90	195.13 6.40 -136.22	301.85 4.63 -259.47	329.01 5.23 -280.73	120.24 4.87 -72.91	94.56 4.91 -44.98	72.33 4.02 -30.29	84.34 3.22 -50.36
LITTLE FALLS____HYD 24013	24.01 0.93 0.00	27.41 0.99 0.00	28.39 1.09 0.00	25.85 1.09 0.00	30.94 1.34 0.00	28.83 1.18 0.00	30.20 1.40 0.00	43.99 2.14 0.00	33.46 1.61 0.00	29.27 1.12 0.00	37.86 1.18 0.00	34.96 1.18 0.00	39.24 1.32 0.00	33.57 1.76 0.00	33.72 2.03 -0.03	46.16 2.52 -0.02	45.85 2.23 0.00	55.57 3.07 0.00	40.06 2.27 -0.04	45.58 2.54 0.00	44.87 2.36 -0.05	46.86 2.18 0.00	39.81 1.65 -0.14	31.89 1.14 0.00
LITTLRIV_115KV_TB1 356100	26.05 -0.11 -3.08	29.36 0.07 -2.87	27.62 0.32 0.00	24.94 0.18 0.00	29.83 0.22 0.00	27.94 0.29 0.00	28.84 0.03 0.00	41.88 0.03 0.00	31.83 -0.02 0.00	28.38 0.23 0.00	37.04 0.36 0.00	33.94 0.16 0.00	38.10 0.19 0.00	31.94 0.13 0.00	31.93 0.24 -0.03	44.10 0.46 -0.02	44.18 0.56 0.00	52.73 0.23 0.00	37.96 0.17 -0.04	43.33 0.29 0.00	42.50 -0.01 -0.05	46.10 0.68 -0.75	38.66 0.50 -0.13	31.05 0.30 0.00
LI_NEWBRDGE____DRP 323616	50.47 2.05 -25.34	47.14 2.27 -18.45	52.66 2.31 -23.06	47.25 2.26 -20.23	49.24 2.64 -17.00	84.09 2.42 -54.02	91.07 2.63 -59.64	64.04 3.79 -18.40	34.58 2.73 0.00	30.32 2.16 0.00	57.19 2.79 -17.72	36.64 2.83 -0.02	42.36 3.33 -1.12	39.40 2.76 -4.84	35.77 2.56 -1.53	85.73 3.40 -38.71	144.69 3.54 -97.53	196.97 4.45 -140.01	307.27 3.28 -266.25	335.08 3.71 -288.34	120.77 3.42 -74.89	94.02 3.44 -45.91	71.95 2.94 -30.98	84.88 2.35 -51.77
LOCKPORT_115KV_TB60_63_64 80432	22.51 -0.57 0.00	25.52 -0.89 0.00	26.08 -1.22 0.00	23.69 -1.07 0.00	28.12 -1.49 0.00	25.79 -1.86 0.00	26.53 -2.28 0.00	38.64 -3.21 0.00	29.68 -2.17 0.00	26.43 -1.73 0.00	34.30 -2.37 0.00	31.61 -2.18 0.00	35.99 -1.93 0.00	29.94 -1.91 -0.05	29.58 -2.33 -0.24	40.31 -3.49 -0.19	40.25 -3.37 0.00	48.38 -4.13 0.00	34.78 -3.36 -0.39	39.36 -3.68 0.00	39.05 -3.88 -0.47	40.39 -4.16 0.12	36.04 -3.26 -1.28	28.93 -1.82 0.00

LOCKPORT___CC1 323769	22.45 -0.63 0.00	25.49 -0.92 0.00	26.04 -1.26 0.00	23.61 -1.15 0.00	28.10 -1.51 0.00	25.73 -1.92 0.00	26.46 -2.35 0.00	38.57 -3.28 0.00	29.62 -2.23 0.00	26.37 -1.79 0.00	34.25 -2.43 0.00	31.55 -2.24 0.00	35.93 -1.99 0.00	29.89 -1.95 -0.05	29.54 -2.37 -0.24	40.25 -3.56 -0.19	40.16 -3.47 0.00	48.24 -4.26 0.00	34.70 -3.43 -0.40	39.27 -3.77 0.00	38.94 -3.99 -0.47	40.29 -4.26 0.12	35.98 -3.33 -1.29	28.86 -1.89 0.00
LOCKPORT___CC2 323770	22.45 -0.63 0.00	25.49 -0.92 0.00	26.04 -1.26 0.00	23.61 -1.15 0.00	28.10 -1.51 0.00	25.73 -1.92 0.00	26.46 -2.35 0.00	38.57 -3.28 0.00	29.62 -2.23 0.00	26.37 -1.79 0.00	34.25 -2.43 0.00	31.55 -2.24 0.00	35.93 -1.99 0.00	29.89 -1.95 -0.05	29.54 -2.37 -0.24	40.25 -3.56 -0.19	40.16 -3.47 0.00	48.24 -4.26 0.00	34.70 -3.43 -0.40	39.27 -3.77 0.00	38.94 -3.99 -0.47	40.29 -4.26 0.12	35.98 -3.33 -1.29	28.86 -1.89 0.00
LOCKPORT___CC3 323771	22.45 -0.63 0.00	25.49 -0.92 0.00	26.04 -1.26 0.00	23.61 -1.15 0.00	28.10 -1.51 0.00	25.73 -1.92 0.00	26.46 -2.35 0.00	38.57 -3.28 0.00	29.62 -2.23 0.00	26.37 -1.79 0.00	34.25 -2.43 0.00	31.55 -2.24 0.00	35.93 -1.99 0.00	29.89 -1.95 -0.05	29.54 -2.37 -0.24	40.25 -3.56 -0.19	40.16 -3.47 0.00	48.24 -4.26 0.00	34.70 -3.43 -0.40	39.27 -3.77 0.00	38.94 -3.99 -0.47	40.29 -4.26 0.12	35.98 -3.33 -1.29	28.86 -1.89 0.00
LONG_LAKE_PHOENIX 24014	22.62 -0.45 0.00	25.83 -0.59 0.00	26.64 -0.66 0.00	24.17 -0.60 0.00	28.90 -0.70 0.00	26.93 -0.72 0.00	28.08 -0.72 0.00	40.83 -1.02 0.00	31.08 -0.77 0.00	27.47 -0.69 0.00	35.78 -0.89 0.00	32.95 -0.83 0.00	36.98 -0.93 0.00	31.03 -0.80 -0.03	31.03 -0.81 -0.17	42.54 -1.21 -0.13	42.50 -1.12 0.00	51.17 -1.33 0.00	37.05 -0.98 -0.28	41.96 -1.08 0.00	41.87 -0.93 -0.33	43.61 -1.07 -0.02	38.06 -0.86 -0.91	30.14 -0.61 0.00
LOVETT___3 23632	24.43 1.35 0.00	27.86 1.44 0.00	28.83 1.53 0.00	26.27 1.51 0.00	31.44 1.83 0.00	29.31 1.66 0.00	30.66 1.85 0.00	44.54 2.69 0.00	33.90 2.05 0.00	29.78 1.63 0.00	9.96 1.98 28.70	35.81 2.02 -0.02	38.53 2.19 1.57	33.87 1.87 -0.20	33.68 1.83 -0.18	22.64 2.16 23.14	45.94 2.32 0.00	55.55 3.05 0.00	41.68 2.24 -1.70	45.57 2.52 0.00	46.77 2.31 -2.01	47.02 2.25 -0.11	45.32 1.86 -5.44	32.17 1.41 0.00
LOVETT___4 23642	24.43 1.35 0.00	27.86 1.44 0.00	28.83 1.53 0.00	26.27 1.51 0.00	31.44 1.83 0.00	29.31 1.66 0.00	30.66 1.85 0.00	44.54 2.69 0.00	33.90 2.05 0.00	29.78 1.63 0.00	9.96 1.98 28.70	35.81 2.02 -0.02	38.53 2.19 1.57	33.87 1.87 -0.20	33.68 1.83 -0.18	22.64 2.16 23.14	45.94 2.32 0.00	55.55 3.05 0.00	41.68 2.24 -1.70	45.57 2.52 0.00	46.77 2.31 -2.01	47.02 2.25 -0.11	45.32 1.86 -5.44	32.17 1.41 0.00
LOVETT___5 23593	24.43 1.35 0.00	27.86 1.44 0.00	28.83 1.53 0.00	26.27 1.51 0.00	31.44 1.83 0.00	29.31 1.66 0.00	30.66 1.85 0.00	44.54 2.69 0.00	33.90 2.05 0.00	29.78 1.63 0.00	9.96 1.98 28.70	35.81 2.02 -0.02	38.53 2.19 1.57	33.87 1.87 -0.20	33.68 1.83 -0.18	22.64 2.16 23.14	45.94 2.32 0.00	55.55 3.05 0.00	41.68 2.24 -1.70	45.57 2.52 0.00	46.77 2.31 -2.01	47.02 2.25 -0.11	45.32 1.86 -5.44	32.17 1.41 0.00
LOWER_RAQUET___HYD 24057	26.03 -0.41 -3.36	29.27 -0.27 -3.13	27.29 -0.01 0.00	24.65 -0.11 0.00	29.48 -0.12 0.00	27.60 -0.05 0.00	28.44 -0.36 0.00	41.29 -0.55 0.00	31.35 -0.50 0.00	27.96 -0.19 0.00	36.57 -0.11 0.00	33.51 -0.28 0.00	37.57 -0.35 0.00	31.48 -0.32 -0.01	31.46 -0.24 -0.03	43.38 -0.25 -0.02	43.45 -0.18 0.00	51.82 -0.68 0.00	37.31 -0.48 -0.04	42.44 -0.60 0.00	41.66 -0.84 -0.05	45.39 -0.10 -0.82	38.07 -0.09 -0.14	30.58 -0.17 0.00
LOWER___HUDSON 24059	24.39 1.32 0.00	27.83 1.41 0.00	28.73 1.43 0.00	26.11 1.35 0.00	31.24 1.63 0.00	29.11 1.46 0.00	30.40 1.60 0.00	44.18 2.34 0.00	33.62 1.78 0.00	29.57 1.41 0.00	42.79 1.98 -4.13	35.69 1.90 -0.02	40.21 2.07 -0.23	33.72 1.66 -0.25	34.79 1.74 -1.39	50.44 2.32 -4.51	45.92 2.30 0.00	55.38 2.88 0.00	42.06 2.12 -2.20	45.46 2.42 0.00	47.45 2.39 -2.61	47.30 2.49 -0.14	47.06 1.98 -7.07	32.26 1.51 0.00
LOWVILLE_115KV_TB2 356335	24.03 -0.10 -1.05	27.57 0.17 -0.98	27.87 0.57 0.00	25.16 0.40 0.00	30.05 0.44 0.00	28.32 0.67 0.00	29.65 0.85 0.00	43.05 1.20 0.00	32.48 0.63 0.00	28.24 0.09 0.00	36.55 -0.13 0.00	33.20 -0.58 0.00	37.12 2.47 0.00	31.43 -0.39 -0.01	31.62 -0.11 -0.07	43.95 0.28 -0.05	44.24 0.62 0.00	53.19 0.69 0.00	37.94 0.09 -0.11	42.72 -0.32 0.00	41.87 -0.71 -0.13	43.83 -1.11 -0.26	37.25 -1.13 -0.35	29.74 -1.01 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	24.46 1.38 0.00	27.91 1.49 0.00	28.81 1.51 0.00	26.19 1.42 0.00	31.36 1.75 0.00	29.28 1.63 0.00	30.75 1.94 0.00	44.78 2.93 0.00	34.02 2.17 0.00	29.86 1.71 0.00	42.90 2.28 -3.94	35.92 2.12 -0.02	40.61 2.47 -0.22	33.95 1.90 -0.26	35.11 2.05 -1.39	50.85 2.82 -4.42	46.59 2.97 0.00	56.13 3.63 0.00	42.63 2.65 -2.24	46.06 3.02 0.00	47.97 2.87 -2.65	47.82 3.00 -0.14	47.55 2.34 -7.19	32.47 1.72 0.00
LUTHERNY_35_KV_BK2 355980	24.44 1.36 0.00	27.90 1.49 0.00	28.80 1.50 0.00	26.19 1.42 0.00	31.36 1.75 0.00	29.29 1.64 0.00	30.77 1.97 0.00	44.80 2.96 0.00	34.03 2.19 0.00	29.88 1.72 0.00	42.90 2.28 -3.94	35.93 2.13 -0.02	40.63 2.50 -0.22	33.95 1.90 -0.26	35.12 2.06 -1.39	50.87 2.84 -4.42	46.62 3.00 0.00	56.16 3.66 0.00	42.67 2.69 -2.24	46.10 3.06 0.00	48.01 2.90 -2.65	47.85 3.04 -0.14	47.57 2.36 -7.19	32.48 1.72 0.00
LWR___OSWEGATCHIE_HYD 23850	24.94 -0.48 -2.34	28.29 -0.30 -2.18	27.32 0.02 0.00	24.68 -0.08 0.00	29.50 -0.11 0.00	27.72 0.07 0.00	28.81 0.01 0.00	41.83 -0.02 0.00	31.65 -0.20 0.00	27.85 -0.31 0.00	36.22 -0.46 0.00	33.06 -0.72 0.00	37.00 -0.92 0.00	31.16 -0.65 -0.01	31.26 -0.46 -0.05	43.26 -0.39 -0.04	43.48 -0.14 0.00	52.07 -0.43 0.00	37.31 -0.52 -0.08	42.22 -0.83 0.00	41.41 -1.14 -0.09	44.26 -0.98 -0.57	37.33 -0.95 -0.26	29.87 -0.88 0.00
LYONS_FALL_HYD 23570	23.98 0.19 -0.71	27.47 0.39 -0.66	27.94 0.64 0.00	25.27 0.51 0.00	30.20 0.60 0.00	28.38 0.73 0.00	29.69 0.89 0.00	43.15 1.30 0.00	32.67 0.82 0.00	28.57 0.42 0.00	37.05 0.37 0.00	33.81 0.03 0.00	37.87 -0.04 0.00	31.98 0.17 -0.01	32.05 0.31 -0.06	44.37 0.70 -0.05	44.56 0.94 0.00	53.62 1.12 0.00	38.39 0.54 -0.11	43.37 0.33 0.00	42.65 0.06 -0.13	44.62 -0.23 -0.18	38.02 -0.34 -0.34	30.40 -0.34 0.00
MADISON___COUNTY_LFGE 323628	23.81 0.73 0.00	27.25 0.83 0.00	28.16 0.86 0.00	25.53 0.77 0.00	30.53 0.92 0.00	28.54 0.89 0.00	29.84 1.04 0.00	43.41 1.57 0.00	33.05 1.20 0.00	29.15 0.99 0.00	37.90 1.22 0.00	34.81 1.03 0.00	39.06 1.15 0.00	32.80 0.98 -0.02	32.78 1.00 -0.11	45.02 1.32 -0.09	45.13 1.51 0.00	54.32 1.82 0.00	39.11 1.19 -0.18	44.33 1.29 0.00	43.86 1.19 -0.22	45.68 1.00 -0.01	39.39 0.78 -0.59	31.40 0.65 0.00

MALONE___115KV_TB1 356076	37.29 -0.53 -14.75	39.70 -0.45 -13.73	27.18 -0.12 0.00	24.65 -0.11 0.00	29.73 0.12 0.00	28.19 0.54 0.00	29.50 0.70 0.00	42.84 0.99 0.00	32.40 0.55 0.00	28.90 0.75 0.00	37.87 1.19 0.00	34.75 0.97 0.00	38.70 0.79 0.00	32.04 0.24 0.00	31.79 0.12 0.00	44.55 0.93 0.00	44.61 0.99 0.00	53.07 0.57 0.00	37.83 0.09 0.00	42.93 -0.11 0.00	41.93 -0.53 0.00	48.11 -0.14 -3.58	37.88 -0.14 0.00	30.51 -0.24 0.00
MAPLEWOD_115KV_TB3 80458	24.34 1.26 0.00	27.77 1.35 0.00	28.67 1.37 0.00	26.05 1.29 0.00	31.17 1.56 0.00	29.05 1.39 0.00	30.23 1.42 0.00	43.96 2.11 0.00	33.45 1.60 0.00	29.46 1.30 0.00	42.68 1.90 -4.11	35.63 1.83 -0.02	40.09 1.95 -0.22	33.66 1.61 -0.25	34.69 1.64 -1.38	50.28 2.17 -4.49	45.71 2.09 0.00	55.18 2.68 0.00	41.92 1.99 -2.19	45.32 2.27 0.00	47.36 2.31 -2.59	47.14 2.34 -0.14	46.91 1.85 -7.03	32.15 1.40 0.00
MAPLE_RIDGE_WT_1 323574	22.67 -0.41 0.00	26.12 -0.30 0.00	27.14 -0.16 0.00	24.48 -0.28 0.00	29.22 -0.39 0.00	27.44 -0.20 0.00	28.59 -0.21 0.00	41.50 -0.34 0.00	31.40 -0.45 0.00	27.62 -0.53 0.00	35.95 -0.73 0.00	32.85 -0.93 0.00	37.04 -0.87 0.00	31.17 -0.63 0.00	31.14 -0.53 0.00	43.10 -0.51 0.00	43.07 -0.55 0.00	51.50 -1.00 0.00	36.84 -0.90 0.00	41.94 -1.10 0.00	41.29 -1.17 0.00	43.60 -1.07 0.00	37.02 -1.00 0.00	29.82 -0.93 0.00
MAPLE_RIDGE_WT_2 323611	22.67 -0.41 0.00	26.12 -0.30 0.00	27.14 -0.16 0.00	24.48 -0.28 0.00	29.22 -0.39 0.00	27.44 -0.20 0.00	28.59 -0.21 0.00	41.50 -0.34 0.00	31.40 -0.45 0.00	27.62 -0.53 0.00	35.95 -0.73 0.00	32.85 -0.93 0.00	37.04 -0.87 0.00	31.17 -0.63 0.00	31.14 -0.53 0.00	43.10 -0.51 0.00	43.07 -0.55 0.00	51.50 -1.00 0.00	36.84 -0.90 0.00	41.94 -1.10 0.00	41.29 -1.17 0.00	43.60 -1.07 0.00	37.02 -1.00 0.00	29.82 -0.93 0.00
MARBLE_RIVER_WT_PWR 323696	0.47 -1.08 21.53	5.28 -1.09 20.05	26.57 -0.73 0.00	24.15 -0.61 0.00	29.26 -0.35 0.00	27.83 0.18 0.00	29.22 0.42 0.00	42.37 0.52 0.00	32.04 0.19 0.00	28.54 0.38 0.00	37.47 0.79 0.00	34.40 0.62 0.00	38.30 0.39 0.00	31.56 -0.23 0.00	31.17 -0.50 0.00	43.91 0.30 0.00	43.95 0.33 0.00	52.18 -0.32 0.00	37.11 -0.63 0.00	42.02 -1.02 0.00	40.99 -1.47 0.00	38.17 -1.26 5.24	37.07 -0.95 0.00	29.87 -0.88 0.00
MARSHVLE_115KV_TB1 80742	24.06 0.98 0.00	27.66 1.25 0.00	28.62 1.32 0.00	25.89 1.13 0.00	30.98 1.38 0.00	29.08 1.43 0.00	30.42 1.62 0.00	44.36 2.51 0.00	33.73 1.88 0.00	29.79 1.63 0.00	38.32 1.64 0.00	35.00 1.19 -0.02	39.57 1.65 0.00	34.31 2.25 -0.26	34.70 1.63 -1.40	50.05 2.12 -4.31	45.90 2.28 0.00	55.33 2.83 0.00	42.60 2.16 -2.70	45.47 2.43 0.00	47.93 2.28 -3.19	47.12 2.28 -0.17	48.53 1.86 -8.64	32.23 1.48 0.00
MARSH_HILL_WT_PWR 323713	23.14 0.06 0.00	26.16 -0.25 0.00	26.56 -0.74 0.00	23.91 -0.85 0.00	28.61 -1.00 0.00	26.33 -1.32 0.00	27.21 -1.59 0.00	39.46 -2.38 0.00	30.08 -1.77 0.00	26.75 -1.41 0.00	35.28 -1.40 0.00	32.41 -1.38 0.00	36.83 -1.08 0.00	30.63 -1.24 -0.06	30.48 -1.48 -0.29	41.78 -2.07 -0.23	41.97 -1.65 0.00	50.20 -2.30 0.00	35.91 -2.32 -0.49	39.76 -3.29 0.00	39.38 -3.66 -0.58	40.17 -3.99 0.51	36.51 -3.09 -1.59	28.60 -2.15 0.00
MCINTYRE_115KV_TB2 80467	25.79 0.07 -2.63	29.14 0.27 -2.45	27.79 0.49 0.00	25.09 0.33 0.00	30.00 0.39 0.00	28.14 0.49 0.00	29.29 0.49 0.00	42.55 0.70 0.00	32.35 0.50 0.00	28.80 0.65 0.00	37.34 0.66 0.00	34.26 0.48 0.00	38.57 0.66 0.00	32.33 0.53 0.00	32.40 0.71 -0.02	45.03 1.40 -0.02	45.14 1.52 0.00	53.93 1.43 0.00	38.85 1.08 -0.03	43.89 0.85 0.00	43.04 0.54 -0.04	46.46 1.15 -0.64	39.01 0.87 -0.12	31.33 0.58 0.00
MECO___69_KV_BK1 80468	25.18 2.10 0.00	28.88 2.46 0.00	29.74 2.44 0.00	26.97 2.20 0.00	32.37 2.77 0.00	30.32 2.67 0.00	31.80 2.99 0.00	46.37 4.52 0.00	34.99 3.15 0.00	30.56 2.40 0.00	41.86 2.43 -2.76	35.76 1.95 -0.02	40.67 2.60 -0.15	34.91 2.85 -0.26	35.55 2.48 -1.40	51.59 3.67 -4.31	47.96 4.34 0.00	58.09 5.59 0.00	44.45 4.13 -2.58	47.74 4.70 0.00	49.98 4.48 -3.05	49.33 4.50 -0.16	49.81 3.52 -8.27	33.45 2.70 0.00
MENANDS__115KV_TB5 355628	24.25 1.17 0.00	27.66 1.25 0.00	28.56 1.26 0.00	25.96 1.20 0.00	31.05 1.44 0.00	28.93 1.27 0.00	30.06 1.26 0.00	43.69 1.85 0.00	33.25 1.41 0.00	29.28 1.13 0.00	42.54 1.73 -4.13	35.48 1.68 -0.02	39.92 1.78 -0.23	33.52 1.48 -0.25	34.55 1.50 -1.38	50.06 1.95 -4.49	45.42 1.80 0.00	54.82 2.32 0.00	41.66 1.73 -2.18	45.03 1.98 0.00	47.10 2.05 -2.59	46.91 2.10 -0.14	46.68 1.65 -7.01	32.00 1.25 0.00
MG INDUSTRY___DRP 24185	24.26 1.19 0.00	27.70 1.28 0.00	28.61 1.31 0.00	25.99 1.23 0.00	31.10 1.49 0.00	28.97 1.32 0.00	30.09 1.29 0.00	43.69 1.84 0.00	33.22 1.37 0.00	29.27 1.12 0.00	42.08 1.66 -3.74	35.40 1.60 -0.02	39.82 1.70 -0.20	33.49 1.44 -0.25	34.46 1.44 -1.35	49.65 1.92 -4.12	45.43 1.81 0.00	54.79 2.28 0.00	41.63 1.74 -2.15	45.05 2.01 0.00	47.03 2.03 -2.54	46.87 2.06 -0.14	46.56 1.65 -6.88	32.06 1.31 0.00
MID___OSWEGATCHIE_HYD 23849	24.94 -0.48 -2.34	28.29 -0.30 -2.18	27.32 0.02 0.00	24.68 -0.08 0.00	29.50 -0.11 0.00	27.72 0.07 0.00	28.81 0.01 0.00	41.83 -0.02 0.00	31.65 -0.20 0.00	27.85 -0.31 0.00	36.22 -0.46 0.00	33.06 -0.72 0.00	37.00 -0.92 0.00	31.16 -0.65 -0.01	31.26 -0.46 -0.05	43.26 -0.39 -0.04	43.48 -0.14 0.00	52.07 -0.43 0.00	37.31 -0.52 -0.08	42.22 -0.83 0.00	41.41 -1.14 -0.09	44.26 -0.98 -0.57	37.33 -0.95 -0.26	29.87 -0.88 0.00
MID___RAQUETTE_HYD 23851	26.03 -0.41 -3.36	29.27 -0.27 -3.13	27.29 -0.01 0.00	24.65 -0.11 0.00	29.48 -0.12 0.00	27.59 -0.05 0.00	28.44 -0.36 0.00	41.29 -0.55 0.00	31.35 -0.50 0.00	27.96 -0.19 0.00	36.57 -0.11 0.00	33.50 -0.28 0.00	37.57 -0.35 0.00	31.48 -0.32 -0.01	31.46 -0.24 -0.03	43.38 -0.25 -0.02	43.45 -0.17 0.00	51.82 -0.68 0.00	37.31 -0.48 -0.04	42.44 -0.60 0.00	41.66 -0.85 -0.05	45.39 -0.10 -0.82	38.07 -0.09 -0.14	30.58 -0.17 0.00
MILLIKEN___1 23584	23.71 0.64 0.00	27.11 0.69 0.00	27.94 0.64 0.00	25.34 0.58 0.00	30.33 0.72 0.00	28.23 0.58 0.00	29.47 0.67 0.00	42.92 1.07 0.00	32.71 0.86 0.00	28.90 0.74 0.00	37.58 0.90 0.00	34.53 0.74 0.00	38.59 0.67 0.00	32.46 0.60 -0.06	32.53 0.58 -0.28	44.67 0.83 -0.22	44.65 1.03 0.00	53.95 1.45 0.00	39.07 0.86 -0.47	43.99 0.95 0.00	43.88 0.85 -0.57	45.82 0.64 -0.51	40.13 0.57 -1.53	31.30 0.54 0.00
MILLIKEN___2 23585	23.71 0.64 0.00	27.11 0.69 0.00	27.94 0.64 0.00	25.34 0.58 0.00	30.33 0.72 0.00	28.23 0.58 0.00	29.47 0.67 0.00	42.92 1.07 0.00	32.71 0.86 0.00	28.90 0.74 0.00	37.58 0.90 0.00	34.53 0.74 0.00	38.59 0.67 0.00	32.46 0.60 -0.06	32.53 0.58 -0.28	44.67 0.83 -0.22	44.65 1.03 0.00	53.95 1.45 0.00	39.07 0.86 -0.47	43.99 0.95 0.00	43.88 0.85 -0.57	45.82 0.64 -0.51	40.13 0.57 -1.53	31.30 0.54 0.00

MILLIKEN___DIESEL 23629	23.71 0.64 0.00	27.11 0.69 0.00	27.94 0.64 0.00	25.34 0.58 0.00	30.33 0.72 0.00	28.23 0.58 0.00	29.47 0.67 0.00	42.92 1.07 0.00	32.71 0.86 0.00	28.90 0.74 0.00	37.58 0.90 0.00	34.53 0.74 0.00	38.59 0.67 0.00	32.46 0.60 -0.06	32.53 0.58 -0.28	44.67 0.83 -0.22	44.65 1.03 0.00	53.95 1.45 0.00	39.07 0.86 -0.47	43.99 0.95 0.00	43.88 0.85 -0.57	45.82 0.64 -0.51	40.13 0.57 -1.53	31.30 0.54 0.00
MILLSEAT___LFGE 323607	22.94 -0.14 0.00	26.06 -0.36 0.00	26.64 -0.66 0.00	24.16 -0.60 0.00	28.78 -0.82 0.00	26.45 -1.20 0.00	27.32 -1.48 0.00	39.91 -1.94 0.00	30.63 -1.22 0.00	27.25 -0.90 0.00	35.36 -1.32 0.00	32.55 -1.24 0.00	36.89 -1.03 0.00	30.70 -1.14 -0.05	30.44 -1.46 -0.23	41.60 -2.20 -0.19	41.58 -2.04 0.00	50.02 -2.49 0.00	36.00 -2.13 -0.39	40.73 -2.32 0.00	40.35 -2.57 -0.46	41.71 -2.84 0.11	37.07 -2.21 -1.26	29.64 -1.12 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	24.58 1.50 0.00	28.03 1.61 0.00	28.99 1.69 0.00	26.40 1.64 0.00	31.59 1.98 0.00	29.46 1.81 0.00	30.81 2.01 0.00	44.79 2.94 0.00	34.09 2.25 0.00	29.97 1.81 0.00	58.92 2.25 -19.99	36.06 2.26 -0.02	41.47 2.47 -1.09	34.10 2.09 -0.20	35.33 2.07 -1.59	63.51 2.54 -17.35	46.34 2.72 0.00	56.00 3.50 0.00	42.08 2.59 -1.74	45.96 2.92 0.00	47.20 2.68 -2.06	47.41 2.63 -0.11	45.78 2.17 -5.59	32.42 1.67 0.00
MILLWOOD_13_KV_LOAD 356217	24.63 1.55 0.00	28.09 1.67 0.00	29.05 1.75 0.00	26.45 1.69 0.00	31.65 2.05 0.00	29.52 1.87 0.00	30.88 2.08 0.00	44.89 3.04 0.00	34.18 2.33 0.00	30.05 1.89 0.00	59.01 2.34 -19.99	36.14 2.35 -0.02	41.57 2.56 -1.09	34.18 2.17 -0.20	35.41 2.15 -1.59	63.64 2.67 -17.35	46.48 2.85 0.00	56.16 3.66 0.00	42.20 2.72 -1.74	46.09 3.05 0.00	47.32 2.80 -2.06	47.54 2.76 -0.11	45.88 2.27 -5.59	32.49 1.74 0.00
MODEL_CITY_ENERGY 24167	22.20 -0.87 0.00	25.21 -1.20 0.00	25.76 -1.55 0.00	23.36 -1.41 0.00	27.78 -1.83 0.00	25.43 -2.22 0.00	26.14 -2.66 0.00	38.10 -3.75 0.00	29.26 -2.59 0.00	26.06 -2.09 0.00	33.84 -2.84 0.00	31.17 -2.62 0.00	35.50 -2.41 0.00	29.56 -2.29 -0.05	29.19 -2.72 -0.24	39.76 -4.05 -0.19	39.66 -3.96 0.00	47.65 -4.86 0.00	34.29 -3.85 -0.40	38.81 -4.23 0.00	38.49 -4.44 -0.48	39.85 -4.70 0.13	35.61 -3.70 -1.29	28.61 -2.15 0.00
MODERN_LFGE___ 323580	22.20 -0.87 0.00	25.21 -1.20 0.00	25.76 -1.55 0.00	23.36 -1.41 0.00	27.78 -1.83 0.00	25.43 -2.22 0.00	26.14 -2.66 0.00	38.10 -3.75 0.00	29.26 -2.59 0.00	26.06 -2.09 0.00	33.84 -2.84 0.00	31.17 -2.62 0.00	35.50 -2.41 0.00	29.56 -2.29 -0.05	29.19 -2.72 -0.24	39.76 -4.05 -0.19	39.66 -3.96 0.00	47.65 -4.86 0.00	34.29 -3.85 -0.40	38.81 -4.23 0.00	38.49 -4.44 -0.48	39.85 -4.70 0.13	35.61 -3.70 -1.29	28.61 -2.15 0.00
MOHAWK_PAPER___DRP 24187	24.34 1.26 0.00	27.77 1.35 0.00	28.67 1.37 0.00	26.05 1.29 0.00	31.17 1.56 0.00	29.05 1.39 0.00	30.23 1.42 0.00	43.96 2.11 0.00	33.45 1.60 0.00	29.46 1.30 0.00	42.68 1.90 -4.11	35.63 1.83 -0.02	40.09 1.95 -0.22	33.66 1.61 -0.25	34.69 1.64 -1.38	50.28 2.17 -4.49	45.71 2.09 0.00	55.18 2.68 0.00	41.92 1.99 -2.19	45.32 2.27 0.00	47.36 2.31 -2.59	47.14 2.34 -0.14	46.91 1.85 -7.03	32.15 1.40 0.00
MOHICAN___35_KV_115KV_LD 80490	24.29 1.21 0.00	27.65 1.23 0.00	28.56 1.26 0.00	25.95 1.19 0.00	31.10 1.49 0.00	29.13 1.48 0.00	30.78 1.98 0.00	44.87 3.02 0.00	34.06 2.21 0.00	29.77 1.61 0.00	42.73 2.09 -3.96	35.72 1.92 -0.02	40.55 2.42 -0.22	33.75 1.69 -0.26	35.02 1.96 -1.39	50.81 2.76 -4.43	46.68 3.06 0.00	56.14 3.64 0.00	42.60 2.62 -2.24	46.03 2.99 0.00	47.83 2.73 -2.65	47.75 2.94 -0.14	47.45 2.25 -7.18	32.37 1.62 0.00
MONGAUP___HYD 23641	24.66 1.59 0.00	28.01 1.59 0.00	29.05 1.75 0.00	26.34 1.58 0.00	31.49 1.89 0.00	29.22 1.57 0.00	30.26 1.46 0.00	44.04 2.20 0.00	33.45 1.60 0.00	29.77 1.62 0.00	21.05 1.87 17.50	35.56 1.77 -0.01	38.79 1.83 0.96	33.46 1.48 -0.19	33.75 1.64 -0.44	31.37 1.65 13.89	45.51 1.89 0.00	55.10 2.60 0.00	41.27 1.92 -1.61	45.24 2.20 0.00	46.39 2.03 -1.90	47.31 2.54 -0.10	45.17 2.00 -5.15	32.44 1.69 0.00
MONTAUK___DIESEL 23721	51.37 3.63 -24.66	48.42 4.05 -17.95	53.88 4.14 -22.44	48.40 3.95 -19.69	50.83 4.69 -16.54	84.58 4.37 -52.57	91.60 4.76 -58.04	66.65 6.90 -17.90	36.79 4.94 0.00	32.05 3.89 0.00	59.30 4.89 -17.72	38.50 4.67 -0.05	44.47 5.35 -1.20	41.64 4.56 -5.27	37.71 4.51 -1.53	88.23 6.41 -38.20	145.49 6.94 -94.93	197.43 8.67 -136.27	303.53 6.23 -259.55	331.01 7.14 -280.83	122.03 6.64 -72.94	96.38 6.72 -44.99	73.85 5.53 -30.30	85.55 4.41 -50.38
MOONROAD_115KV_HARTFLD_TB1-2 355988	23.34 0.26 0.00	26.41 -0.01 0.00	26.81 -0.49 0.00	24.37 -0.39 0.00	29.08 -0.52 0.00	26.57 -1.08 0.00	27.51 -1.29 0.00	40.10 -1.75 0.00	30.74 -1.11 0.00	27.41 -0.75 0.00	35.64 -1.04 0.00	32.83 -0.96 0.00	37.20 -0.71 0.00	30.97 -0.88 -0.05	30.69 -1.23 -0.26	41.72 -2.11 -0.20	41.70 -1.92 0.00	50.20 -2.30 0.00	36.12 -2.05 -0.43	40.60 -2.44 0.00	40.10 -2.88 -0.51	41.17 -3.35 0.15	36.80 -2.61 -1.39	29.43 -1.32 0.00
MORTIMER_115KV_TB3 55949	22.78 -0.29 0.00	25.92 -0.50 0.00	26.60 -0.70 0.00	24.15 -0.61 0.00	28.79 -0.82 0.00	26.60 -1.05 0.00	27.57 -1.23 0.00	40.20 -1.65 0.00	30.76 -1.09 0.00	27.32 -0.84 0.00	35.55 -1.12 0.00	32.71 -1.07 0.00	37.01 -0.90 0.00	30.90 -0.94 -0.04	30.69 -1.19 -0.22	41.96 -1.83 -0.17	41.92 -1.70 0.00	50.45 -2.05 0.00	36.39 -1.71 -0.36	41.17 -1.87 0.00	40.93 -1.96 -0.43	42.39 -2.20 0.08	37.43 -1.75 -1.17	29.73 -1.02 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	24.72 1.64 0.00	28.18 1.76 0.00	29.13 1.83 0.00	26.54 1.78 0.00	31.75 2.14 0.00	29.60 1.95 0.00	30.96 2.16 0.00	45.04 3.19 0.00	34.32 2.47 0.00	30.18 2.03 0.00	56.97 2.51 -17.78	36.31 2.51 -0.02	41.62 2.73 -0.97	34.34 2.33 -0.20	35.52 2.32 -1.53	62.03 2.88 -15.52	46.71 3.09 0.00	56.46 3.96 0.00	42.42 2.92 -1.75	46.32 3.28 0.00	47.54 3.00 -2.07	47.73 2.95 -0.11	46.06 2.42 -5.62	32.60 1.85 0.00
MUNSVILLE_WIND_PWR 323609	25.22 2.14 0.00	28.92 2.51 0.00	29.90 2.59 0.00	27.07 2.31 0.00	32.32 2.71 0.00	30.12 2.47 0.00	31.75 2.95 0.00	46.40 4.56 0.00	35.44 3.60 0.00	31.31 3.15 0.00	40.62 3.94 0.00	37.45 3.66 -0.01	41.90 3.98 0.00	35.06 3.18 -0.08	35.57 3.55 -0.35	48.95 5.06 -0.28	48.97 5.35 0.00	59.14 6.64 0.00	42.29 3.95 -0.60	47.53 4.49 0.00	47.50 4.28 -0.77	48.94 3.96 -0.31	43.11 3.01 -2.08	33.12 2.37 0.00
N SALMON___HYD 24042	37.29 -0.53 -14.75	39.70 -0.45 -13.73	27.18 -0.12 0.00	24.65 -0.11 0.00	29.73 0.12 0.00	28.19 0.54 0.00	29.50 0.69 0.00	42.84 0.99 0.00	32.39 0.55 0.00	28.90 0.75 0.00	37.87 1.19 0.00	34.74 0.96 0.00	38.70 0.79 0.00	32.04 0.24 0.00	31.79 0.12 0.00	44.54 0.92 0.00	44.61 0.99 0.00	53.07 0.57 0.00	37.83 0.09 0.00	42.93 -0.11 0.00	41.93 -0.53 0.00	48.10 -0.15 -3.58	37.88 -0.14 0.00	30.51 -0.24 0.00

N.AKRON__115KV_KNAPP 355671	22.86 -0.21 0.00	25.92 -0.49 0.00	26.50 -0.80 0.00	24.07 -0.69 0.00	28.61 -1.00 0.00	26.30 -1.35 0.00	27.12 -1.69 0.00	39.56 -2.29 0.00	30.37 -1.48 0.00	27.03 -1.12 0.00	35.07 -1.61 0.00	32.30 -1.49 0.00	36.67 -1.24 0.00	30.52 -1.33 -0.05	30.22 -1.68 -0.23	41.25 -2.56 -0.19	41.23 -2.39 0.00	49.57 -2.93 0.00	35.65 -2.48 -0.39	40.34 -2.71 0.00	40.00 -2.93 -0.47	41.34 -3.21 0.12	36.77 -2.52 -1.27	29.46 -1.29 0.00
N.BELMOR_69_KV_BK1 55787	46.22 2.20 -20.95	44.11 2.44 -15.25	48.84 2.48 -19.06	43.89 2.40 -16.72	46.48 2.82 -14.05	74.90 2.59 -44.66	80.93 2.82 -49.32	61.14 4.08 -15.21	34.79 2.94 0.00	30.44 2.28 0.00	57.33 2.92 -17.72	36.96 2.95 -0.22	43.10 3.50 -1.69	42.58 2.91 -7.87	35.88 2.67 -1.53	82.56 3.52 -35.42	128.10 3.73 -80.76	173.06 4.72 -115.84	264.31 3.48 -223.09	286.89 3.93 -239.92	108.38 3.63 -62.29	88.51 3.72 -40.13	67.84 3.22 -26.59	76.13 2.56 -42.81
N.E_GEN_SANDY PD 24062	44.91 1.46 -20.37	44.12 1.57 -16.14	41.78 1.61 -12.87	37.91 1.54 -11.60	42.91 1.85 -11.46	43.35 1.67 -14.03	64.34 1.79 -33.75	91.42 2.61 -46.96	68.57 2.00 -34.73	35.74 1.63 -5.95	52.13 2.19 -13.26	42.15 2.14 -6.23	49.21 2.32 -8.98	36.76 1.90 -3.06	51.85 1.91 -18.26	88.60 2.45 -42.53	105.24 2.44 -59.18	169.16 3.10 -113.56	107.45 2.30 -67.41	90.47 2.60 -44.83	89.39 2.52 -44.42	94.94 2.60 -47.67	61.42 2.13 -21.27	49.16 1.66 -16.75
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	24.48 1.40 0.00	27.91 1.49 0.00	28.88 1.58 0.00	26.31 1.55 0.00	31.50 1.89 0.00	29.36 1.71 0.00	30.71 1.91 0.00	44.62 2.78 0.00	33.96 2.11 0.00	29.84 1.68 0.00	10.50 2.06 28.23	35.89 2.10 -0.02	38.64 2.27 1.54	33.94 1.94 -0.20	33.76 1.91 -0.19	23.12 2.26 22.76	46.04 2.42 0.00	55.68 3.18 0.00	41.78 2.35 -1.69	45.67 2.63 0.00	46.87 2.42 -2.00	47.12 2.35 -0.11	45.39 1.94 -5.43	32.23 1.48 0.00
N.QUEENS_27_KV_LOAD 356247	24.73 1.66 0.00	28.17 1.75 0.00	29.12 1.82 0.00	26.48 1.72 0.00	31.70 2.09 0.00	29.55 1.90 0.00	30.94 2.14 0.00	45.12 3.28 0.00	34.35 2.50 0.00	30.22 2.06 0.00	57.02 2.54 -17.81	36.33 2.54 -0.02	41.65 2.76 -0.97	34.36 2.36 -0.20	35.53 2.32 -1.53	62.02 2.86 -15.54	46.80 3.18 0.00	56.44 3.94 0.00	42.47 2.98 -1.75	46.40 3.36 0.00	47.58 3.04 -2.07	47.72 2.93 -0.11	46.07 2.43 -5.62	32.63 1.88 0.00
N.TROY__115KV_TB1 355778	24.39 1.32 0.00	27.83 1.41 0.00	28.74 1.43 0.00	26.11 1.34 0.00	31.24 1.64 0.00	29.11 1.46 0.00	30.40 1.60 0.00	44.18 2.34 0.00	33.63 1.78 0.00	29.57 1.41 0.00	42.80 1.99 -4.13	35.70 1.90 -0.02	40.21 2.07 -0.23	33.72 1.66 -0.25	34.80 1.74 -1.39	50.45 2.32 -4.51	45.93 2.31 0.00	55.38 2.88 0.00	42.06 2.12 -2.20	45.47 2.43 0.00	47.46 2.39 -2.61	47.30 2.49 -0.14	47.06 1.98 -7.07	32.26 1.51 0.00
NARROWS_GT1_1 24228	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
NARROWS_GT1_2 24229	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
NARROWS_GT1_3 24230	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
NARROWS_GT1_4 24231	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
NARROWS_GT1_5 24232	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
NARROWS_GT1_6 24233	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
NARROWS_GT1_7 24234	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
NARROWS_GT1_8 24235	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
NARROWS_GT2_1 24236	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00

NARROWS_GT2_2 24237	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
NARROWS_GT2_3 24238	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
NARROWS_GT2_4 24239	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
NARROWS_GT2_5 24240	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
NARROWS_GT2_6 24241	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
NARROWS_GT2_7 24242	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
NARROWS_GT2_8 24243	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.86 1.78 0.00	28.36 1.95 0.00	29.26 1.96 0.00	26.58 1.82 0.00	31.80 2.20 0.00	29.68 2.03 0.00	30.83 2.03 0.00	44.86 3.02 0.00	34.02 2.18 0.00	29.88 1.73 0.00	41.92 2.37 -2.87	35.95 2.15 -0.02	40.41 2.34 -0.16	34.19 2.15 -0.24	34.93 1.98 -1.28	49.95 3.01 -3.33	46.68 3.06 0.00	56.45 3.95 0.00	42.73 2.92 -2.07	46.36 3.32 0.00	48.28 3.37 -2.45	48.19 3.39 -0.13	47.25 2.60 -6.63	32.79 2.04 0.00
NCHELSEA_115KV_TR2 355582	24.77 1.70 0.00	28.25 1.83 0.00	29.20 1.90 0.00	26.58 1.81 0.00	31.81 2.20 0.00	29.68 2.03 0.00	31.05 2.25 0.00	45.17 3.32 0.00	34.35 2.50 0.00	30.22 2.06 0.00	39.25 2.57 0.00	36.34 2.54 -0.02	40.72 2.81 0.00	34.39 2.39 -0.21	35.04 2.34 -1.03	47.42 2.98 -0.82	46.77 3.15 0.00	56.54 4.04 0.00	42.50 2.99 -1.77	46.41 3.37 0.00	47.70 3.15 -2.09	47.92 3.14 -0.11	46.26 2.57 -5.66	32.74 1.98 0.00
NEG CAPITAL___MECHNVIL 23645	24.51 1.43 0.00	27.95 1.54 0.00	28.86 1.56 0.00	26.23 1.47 0.00	31.41 1.80 0.00	29.32 1.67 0.00	30.76 1.96 0.00	44.79 2.95 0.00	34.05 2.20 0.00	29.88 1.73 0.00	43.01 2.33 -4.00	35.97 2.17 -0.02	40.62 2.48 -0.22	34.00 1.95 -0.25	35.14 2.08 -1.39	50.92 2.85 -4.45	46.62 2.99 0.00	56.22 3.72 0.00	42.68 2.71 -2.23	46.13 3.09 0.00	48.04 2.95 -2.64	47.87 3.06 -0.14	47.56 2.39 -7.15	32.51 1.76 0.00
NEG CENTRAL_HIGH_ACRES 23767	22.37 -0.70 0.00	25.53 -0.89 0.00	26.23 -1.07 0.00	23.77 -0.99 0.00	28.43 -1.18 0.00	26.33 -1.32 0.00	27.35 -1.46 0.00	39.83 -2.01 0.00	30.45 -1.40 0.00	27.00 -1.16 0.00	35.17 -1.51 0.00	32.33 -1.46 0.00	36.49 -1.42 0.00	30.51 -1.33 -0.04	30.37 -1.51 -0.21	41.58 -2.21 -0.17	41.55 -2.08 0.00	50.03 -2.47 0.00	36.09 -2.00 -0.35	40.81 -2.24 0.00	40.59 -2.29 -0.42	42.05 -2.56 0.06	37.07 -2.09 -1.14	29.36 -1.39 0.00
NEG CENTRAL___DRP 24199	23.24 0.16 0.00	26.52 0.11 0.00	27.29 -0.01 0.00	24.75 -0.01 0.00	29.64 0.03 0.00	27.52 -0.13 0.00	28.66 -0.14 0.00	41.65 -0.19 0.00	31.81 -0.04 0.00	28.17 0.02 0.00	36.68 0.00 0.00	33.61 -0.18 0.00	37.80 -0.11 0.00	31.67 -0.17 -0.05	31.63 -0.26 -0.22	43.34 -0.45 -0.17	43.40 -0.22 0.00	52.27 -0.23 0.00	37.80 -0.31 -0.36	42.61 -0.43 0.00	42.39 -0.51 -0.44	43.80 -0.75 0.12	38.64 -0.56 -1.18	30.50 -0.25 0.00
NEG CENTRAL___INDECK 23768	23.74 0.66 0.00	26.94 0.52 0.00	27.52 0.22 0.00	24.92 0.16 0.00	29.77 0.17 0.00	27.51 -0.14 0.00	28.58 -0.22 0.00	41.74 -0.11 0.00	31.84 -0.01 0.00	28.24 0.09 0.00	36.73 0.05 0.00	33.78 0.00 0.00	38.25 0.33 0.00	31.85 0.00 -0.05	31.72 -0.21 -0.26	43.49 -0.33 -0.21	43.60 -0.02 0.00	52.46 -0.05 0.00	37.77 -0.41 -0.43	42.47 -0.57 0.00	42.08 -0.90 -0.52	43.19 -1.21 0.27	38.53 -0.91 -1.41	30.40 -0.35 0.00
NEG CENTRAL___SENECA 23627	23.38 0.31 0.00	26.64 0.22 0.00	27.37 0.07 0.00	24.84 0.08 0.00	29.76 0.15 0.00	27.59 -0.06 0.00	28.71 -0.09 0.00	41.70 -0.15 0.00	31.88 0.03 0.00	28.25 0.10 0.00	36.79 0.11 0.00	33.67 -0.11 0.00	37.95 0.04 0.00	31.75 -0.09 -0.05	31.70 -0.20 -0.23	43.42 -0.38 -0.19	43.55 -0.07 0.00	52.35 -0.15 0.00	37.85 -0.28 -0.39	42.60 -0.44 0.00	42.34 -0.58 -0.46	43.57 -0.87 0.23	38.63 -0.66 -1.26	30.50 -0.25 0.00
NEG CENTRAL___STATE_STREET 24147	23.24 0.17 0.00	26.64 0.22 0.00	27.47 0.17 0.00	24.89 0.13 0.00	29.79 0.19 0.00	27.74 0.09 0.00	28.82 0.02 0.00	41.99 0.14 0.00	32.06 0.21 0.00	28.38 0.23 0.00	36.89 0.21 0.00	33.90 0.11 0.00	37.90 -0.02 0.00	31.84 -0.01 -0.05	31.82 -0.06 -0.22	43.71 -0.08 -0.17	43.59 -0.04 0.00	52.78 0.27 0.00	38.15 0.05 -0.36	43.07 0.03 0.00	42.82 -0.07 -0.43	44.46 -0.27 -0.07	39.08 -0.10 -1.17	30.75 0.00 0.00

NEG MILLWOOD___DRP 24198	24.86 1.79 0.00	28.36 1.94 0.00	29.32 2.02 0.00	26.69 1.93 0.00	31.94 2.34 0.00	29.80 2.15 0.00	31.20 2.39 0.00	45.38 3.53 0.00	34.53 2.68 0.00	30.37 2.21 0.00	45.08 2.75 -5.65	36.48 2.69 -0.02	41.18 2.96 -0.31	34.53 2.52 -0.21	35.34 2.48 -1.20	52.30 3.23 -5.45	47.06 3.44 0.00	56.93 4.43 0.00	42.80 3.28 -1.78	46.73 3.69 0.00	47.98 3.42 -2.10	48.18 3.40 -0.11	46.49 2.77 -5.70	32.88 2.13 0.00
NEG NORTH_FLCN_SEA 23793	0.63 -0.79 21.66	5.46 -0.79 20.16	26.90 -0.40 0.00	24.48 -0.28 0.00	29.64 0.03 0.00	28.13 0.48 0.00	29.53 0.73 0.00	42.77 0.92 0.00	32.31 0.46 0.00	28.76 0.60 0.00	37.79 1.11 0.00	34.72 0.93 0.00	38.62 0.70 0.00	31.85 0.05 0.00	31.28 -0.39 0.00	44.21 0.60 0.00	44.33 0.70 0.00	52.68 0.18 0.00	37.48 -0.27 0.00	42.29 -0.75 0.00	41.23 -1.23 0.00	38.53 -0.87 5.27	37.55 -0.47 0.00	30.23 -0.52 0.00
NEG NORTH_KES_CHATEGAY 23792	-1.15 -0.97 23.25	3.83 -0.94 21.65	26.69 -0.61 0.00	24.25 -0.51 0.00	29.33 -0.28 0.00	27.90 0.25 0.00	29.29 0.49 0.00	42.47 0.63 0.00	32.14 0.29 0.00	28.63 0.47 0.00	37.55 0.87 0.00	34.47 0.69 0.00	38.36 0.45 0.00	31.62 -0.18 0.00	31.27 -0.41 0.00	44.03 0.41 0.00	44.09 0.47 0.00	52.39 -0.11 0.00	37.26 -0.48 0.00	42.25 -0.79 0.00	41.25 -1.21 0.00	38.04 -0.97 5.66	37.28 -0.74 0.00	30.03 -0.72 0.00
NEG NORTH___ALICE_FALLS 23915	-0.01 -0.49 22.60	4.92 -0.45 21.04	27.20 -0.11 0.00	24.71 -0.05 0.00	29.90 0.29 0.00	28.46 0.81 0.00	29.98 1.17 0.00	43.58 1.73 0.00	32.95 1.10 0.00	29.34 1.18 0.00	38.47 1.79 0.00	35.29 1.50 0.00	39.21 1.30 0.00	32.31 0.51 0.00	31.91 0.24 0.00	45.08 1.46 0.00	45.25 1.62 0.00	53.99 1.49 0.00	38.38 0.64 0.00	43.44 0.39 0.00	42.34 -0.12 0.00	39.33 0.16 5.50	38.12 0.09 0.00	30.63 -0.12 0.00
NEG NORTH___LWR_SARANAC 23913	-0.01 -0.49 22.60	4.92 -0.45 21.04	27.20 -0.11 0.00	24.71 -0.05 0.00	29.90 0.29 0.00	28.46 0.81 0.00	29.98 1.17 0.00	43.58 1.73 0.00	32.95 1.10 0.00	29.34 1.18 0.00	38.47 1.79 0.00	35.29 1.50 0.00	39.21 1.30 0.00	32.31 0.51 0.00	31.91 0.24 0.00	45.08 1.46 0.00	45.25 1.62 0.00	53.99 1.49 0.00	38.38 0.64 0.00	43.44 0.39 0.00	42.34 -0.12 0.00	39.33 0.16 5.50	38.12 0.09 0.00	30.63 -0.12 0.00
NEG NORTH___PLATTSBURG 23628	-0.01 -0.49 22.60	4.93 -0.44 21.04	27.20 -0.10 0.00	24.71 -0.05 0.00	29.90 0.29 0.00	28.46 0.81 0.00	29.98 1.18 0.00	43.58 1.73 0.00	32.95 1.10 0.00	29.34 1.18 0.00	38.47 1.79 0.00	35.28 1.50 0.00	39.21 1.30 0.00	32.31 0.51 0.00	31.91 0.24 0.00	45.08 1.46 0.00	45.25 1.62 0.00	53.99 1.49 0.00	38.38 0.64 0.00	43.43 0.39 0.00	42.34 -0.12 0.00	39.33 0.16 5.50	38.12 0.10 0.00	30.63 -0.12 0.00
NEG WEST_LEA_LOCKPORT 23791	22.49 -0.59 0.00	25.50 -0.92 0.00	26.05 -1.25 0.00	23.67 -1.09 0.00	28.09 -1.52 0.00	25.76 -1.89 0.00	26.47 -2.33 0.00	38.56 -3.29 0.00	29.62 -2.23 0.00	26.37 -1.79 0.00	34.25 -2.43 0.00	31.55 -2.24 0.00	35.93 -1.98 0.00	29.89 -1.96 -0.05	29.53 -2.38 -0.24	40.23 -3.58 -0.19	40.17 -3.45 0.00	48.27 -4.23 0.00	34.71 -3.43 -0.40	39.27 -3.77 0.00	38.96 -3.97 -0.47	40.30 -4.24 0.12	35.98 -3.33 -1.29	28.88 -1.87 0.00
NEG WEST___LANCASTR 23811	23.64 0.57 0.00	26.88 0.46 0.00	27.45 0.15 0.00	24.99 0.22 0.00	29.71 0.11 0.00	27.24 -0.40 0.00	28.02 -0.78 0.00	40.88 -0.96 0.00	31.30 -0.55 0.00	27.84 -0.31 0.00	36.34 -0.34 0.00	33.42 -0.36 0.00	37.96 0.05 0.00	31.54 -0.32 -0.05	31.25 -0.68 -0.26	42.68 -1.14 -0.20	42.56 -1.07 0.00	51.16 -1.34 0.00	36.85 -1.32 -0.43	41.66 -1.38 0.00	41.32 -1.65 -0.51	42.66 -1.86 0.15	38.00 -1.41 -1.39	30.33 -0.42 0.00
NEG_PENN_ALLEGHNY 23528	23.57 0.49 0.00	26.90 0.48 0.00	27.72 0.42 0.00	25.18 0.42 0.00	30.14 0.53 0.00	27.94 0.30 0.00	29.15 0.35 0.00	42.43 0.59 0.00	32.31 0.46 0.00	28.55 0.39 0.00	37.18 0.50 0.00	34.25 0.47 -0.01	38.43 0.51 0.00	32.22 0.34 -0.08	32.38 0.31 -0.40	44.31 0.38 -0.32	44.04 0.41 0.00	53.18 0.67 0.00	38.68 0.27 -0.67	43.31 0.27 0.00	43.43 0.16 -0.81	44.66 -0.05 -0.04	40.21 0.00 -2.19	30.91 0.16 0.00
NEG___GEN_MONROE 24207	23.05 -0.02 0.00	26.19 -0.23 0.00	26.85 -0.45 0.00	24.40 -0.37 0.00	29.03 -0.58 0.00	26.80 -0.85 0.00	27.77 -1.04 0.00	40.53 -1.32 0.00	31.01 -0.84 0.00	27.54 -0.61 0.00	35.81 -0.87 0.00	32.93 -0.86 0.00	37.27 -0.64 0.00	31.08 -0.76 -0.05	30.89 -1.00 -0.22	42.23 -1.56 -0.17	42.23 -1.39 0.00	50.85 -1.65 0.00	36.66 -1.44 -0.36	41.50 -1.54 0.00	41.20 -1.69 -0.43	42.64 -1.94 0.08	37.66 -1.54 -1.17	29.95 -0.80 0.00
NEPA___ENERGY 23901	23.21 0.13 0.00	26.40 -0.02 0.00	26.99 -0.31 0.00	24.58 -0.18 0.00	29.39 -0.21 0.00	26.86 -0.79 0.00	27.78 -1.03 0.00	40.55 -1.30 0.00	30.99 -0.86 0.00	27.50 -0.66 0.00	35.78 -0.90 0.00	32.94 -0.85 0.00	37.25 -0.67 0.00	30.96 -0.90 -0.05	30.71 -1.21 -0.26	41.91 -1.92 -0.21	41.71 -1.92 0.00	50.49 -2.01 0.00	36.27 -1.91 -0.43	40.91 -2.13 0.00	40.54 -2.44 -0.52	41.63 -2.88 0.15	37.25 -2.18 -1.41	29.70 -1.05 0.00
NEVERSink___HYD 23608	24.43 1.35 0.00	27.85 1.43 0.00	28.79 1.48 0.00	26.21 1.45 0.00	31.38 1.77 0.00	29.30 1.66 0.00	30.72 1.92 0.00	44.69 2.84 0.00	33.96 2.11 0.00	29.84 1.68 0.00	34.36 1.99 4.31	35.83 2.04 -0.01	39.92 2.24 0.24	33.78 1.79 -0.18	34.03 1.55 -0.81	41.17 0.80 3.25	44.78 1.16 0.00	54.12 1.62 0.00	40.60 1.27 -1.59	44.45 1.41 0.00	45.66 1.32 -1.89	47.13 2.36 -0.10	45.03 1.90 -5.11	32.19 1.44 0.00
NEWKRMKL_115KV_TB1 55635	24.15 1.07 0.00	27.55 1.14 0.00	28.45 1.15 0.00	25.86 1.10 0.00	30.93 1.32 0.00	28.82 1.17 0.00	29.91 1.10 0.00	43.47 1.63 0.00	33.07 1.22 0.00	29.14 0.99 0.00	42.37 1.58 -4.11	35.35 1.55 -0.02	39.77 1.63 -0.22	33.40 1.35 -0.25	34.43 1.38 -1.38	49.85 1.77 -4.47	45.19 1.57 0.00	54.56 2.06 0.00	41.47 1.55 -2.18	44.81 1.77 0.00	46.94 1.90 -2.58	46.72 1.91 -0.14	46.50 1.48 -7.00	31.87 1.12 0.00
NEWTON___FALLS_HYD 23847	24.94 -0.48 -2.34	28.29 -0.30 -2.18	27.32 0.02 0.00	24.68 -0.08 0.00	29.50 -0.11 0.00	27.72 0.07 0.00	28.81 0.01 0.00	41.83 -0.02 0.00	31.65 -0.20 0.00	27.85 -0.31 0.00	36.22 -0.46 0.00	33.06 -0.72 0.00	37.00 -0.92 0.00	31.16 -0.65 -0.01	31.26 -0.46 -0.05	43.26 -0.39 -0.04	43.48 -0.14 0.00	52.07 -0.43 0.00	37.31 -0.52 -0.08	42.22 -0.83 0.00	41.41 -1.14 -0.09	44.26 -0.98 -0.57	37.33 -0.95 -0.26	29.87 -0.88 0.00
NGRID_A1_DSASP 323792	21.95 -1.13 0.00	24.93 -1.49 0.00	25.46 -1.84 0.00	23.10 -1.66 0.00	27.44 -2.16 0.00	25.09 -2.55 0.00	25.71 -3.09 0.00	37.31 -4.53 0.00	28.67 -3.18 0.00	25.53 -2.62 0.00	33.16 -3.52 0.00	30.53 -3.26 0.00	34.80 -3.11 0.00	28.98 -2.87 -0.05	28.60 -3.31 -0.24	38.92 -4.88 -0.19	38.80 -4.81 0.00	46.59 -5.91 0.01	33.54 -4.60 -0.40	37.97 -5.07 0.00	37.70 -5.24 -0.48	39.03 -5.51 0.13	34.98 -4.34 -1.30	28.05 -2.70 0.00

NGRID_A2_DSASP 323793	21.95 -1.13 0.00	24.93 -1.49 0.00	25.46 -1.84 0.00	23.10 -1.66 0.00	27.44 -2.16 0.00	25.09 -2.55 0.00	25.71 -3.09 0.00	37.31 -4.53 0.00	28.67 -3.18 0.00	25.53 -2.62 0.00	33.16 -3.52 0.00	30.53 -3.26 0.00	34.80 -3.11 0.00	28.98 -2.87 -0.05	28.60 -3.31 -0.24	38.92 -4.88 -0.19	38.80 -4.81 0.00	46.59 -5.91 0.01	33.54 -4.60 -0.40	37.97 -5.07 0.00	37.70 -5.24 -0.48	39.03 -5.51 0.13	34.98 -4.34 -1.30	28.05 -2.70 0.00
NGRID_A4_DSASP 323807	21.95 -1.13 0.00	24.93 -1.49 0.00	25.46 -1.84 0.00	23.10 -1.66 0.00	27.44 -2.16 0.00	25.09 -2.55 0.00	25.71 -3.09 0.00	37.31 -4.53 0.00	28.67 -3.18 0.00	25.53 -2.62 0.00	33.16 -3.52 0.00	30.53 -3.26 0.00	34.80 -3.11 0.00	28.98 -2.87 -0.05	28.60 -3.31 -0.24	38.92 -4.88 -0.19	38.80 -4.81 0.00	46.59 -5.91 0.01	33.54 -4.60 -0.40	37.97 -5.07 0.00	37.70 -5.24 -0.48	39.03 -5.51 0.13	34.98 -4.34 -1.30	28.05 -2.70 0.00
NIAGARA_115E_LBMP 323715	22.06 -1.01 0.00	25.05 -1.36 0.00	25.59 -1.71 0.00	23.21 -1.55 0.00	27.59 -2.02 0.00	25.25 -2.40 0.00	25.94 -2.86 0.00	37.81 -4.04 0.00	29.04 -2.81 0.00	25.86 -2.29 0.00	33.59 -3.09 0.00	30.93 -2.85 0.00	35.24 -2.67 0.00	29.34 -2.51 -0.05	28.97 -2.94 -0.24	39.45 -4.36 -0.19	39.34 -4.28 0.00	47.24 -5.26 0.00	34.00 -4.14 -0.40	38.48 -4.56 0.00	38.20 -4.74 -0.48	39.54 -5.00 0.13	35.38 -3.94 -1.30	28.44 -2.31 0.00
NIAGARA_115W_LBMP 323714	21.90 -1.17 0.00	24.87 -1.54 0.00	25.41 -1.89 0.00	23.05 -1.71 0.00	27.38 -2.23 0.00	25.04 -2.61 0.00	25.65 -3.15 0.00	37.20 -4.64 0.00	28.59 -3.26 0.00	25.47 -2.69 0.00	33.06 -3.62 0.00	30.44 -3.35 0.00	34.70 -3.22 0.00	28.89 -2.96 -0.05	28.52 -3.39 -0.24	38.81 -4.99 -0.19	38.69 -4.93 0.00	46.43 -6.06 0.00	33.44 -4.71 -0.40	37.84 -5.20 0.00	37.59 -5.35 -0.48	38.92 -5.63 0.13	34.89 -4.43 -1.30	27.97 -2.78 0.00
NIAGARA_230_LBMP 323716	22.11 -0.97 0.00	25.14 -1.28 0.00	25.69 -1.61 0.00	23.30 -1.46 0.00	27.71 -1.90 0.00	25.33 -2.32 0.00	26.01 -2.79 0.00	37.91 -3.94 0.00	29.10 -2.75 0.00	25.92 -2.24 0.00	33.70 -2.98 0.00	31.02 -2.76 0.00	35.34 -2.57 0.00	29.43 -2.42 -0.05	29.05 -2.86 -0.24	39.58 -4.23 -0.19	39.44 -4.19 0.00	47.35 -5.15 0.00	34.10 -4.04 -0.40	38.61 -4.43 0.00	38.34 -4.59 -0.48	39.69 -4.85 0.12	35.49 -3.82 -1.29	28.42 -2.33 0.00
NIAGARA__115KV_198_GIBSON 55903	21.94 -1.13 0.00	24.87 -1.54 0.00	25.42 -1.88 0.00	23.10 -1.66 0.00	27.38 -2.23 0.00	25.08 -2.57 0.00	25.67 -3.13 0.00	37.19 -4.65 0.00	28.59 -3.26 0.00	25.47 -2.69 0.00	33.06 -3.62 0.00	30.43 -3.35 0.00	34.70 -3.21 0.00	28.88 -2.96 -0.05	28.52 -3.39 -0.24	38.80 -5.01 -0.19	38.71 -4.91 0.00	46.47 -6.03 0.00	33.44 -4.70 -0.40	37.85 -5.19 0.00	37.62 -5.31 -0.48	38.94 -5.60 0.13	34.89 -4.43 -1.30	27.99 -2.76 0.00
NIAGARA____ 23760	22.11 -0.97 0.00	25.14 -1.28 0.00	25.69 -1.61 0.00	23.30 -1.46 0.00	27.71 -1.90 0.00	25.33 -2.32 0.00	26.01 -2.79 0.00	37.91 -3.94 0.00	29.10 -2.75 0.00	25.92 -2.24 0.00	33.70 -2.98 0.00	31.02 -2.76 0.00	35.34 -2.57 0.00	29.43 -2.42 -0.05	29.05 -2.86 -0.24	39.58 -4.23 -0.19	39.44 -4.19 0.00	47.35 -5.15 0.00	34.10 -4.04 -0.40	38.61 -4.43 0.00	38.34 -4.59 -0.48	39.69 -4.85 0.12	35.49 -3.82 -1.29	28.42 -2.33 0.00
NINE_MILE_1 23575	22.32 -0.76 0.00	25.50 -0.91 0.00	26.32 -0.98 0.00	23.87 -0.89 0.00	28.55 -1.06 0.00	26.60 -1.05 0.00	27.72 -1.09 0.00	40.28 -1.56 0.00	30.67 -1.18 0.00	27.12 -1.03 0.00	35.33 -1.34 0.00	32.54 -1.25 0.00	36.53 -1.39 0.00	30.66 -1.17 -0.03	30.64 -1.17 -0.14	41.99 -1.75 -0.12	41.92 -1.70 0.00	50.48 -2.02 0.00	36.51 -1.47 -0.24	41.40 -1.64 0.00	41.28 -1.47 -0.29	43.10 -1.59 -0.01	37.53 -1.27 -0.78	29.81 -0.94 0.00
NINE_MILE_2 23744	22.32 -0.76 0.00	25.51 -0.91 0.00	26.32 -0.98 0.00	23.87 -0.89 0.00	28.56 -1.05 0.00	26.60 -1.05 0.00	27.72 -1.09 0.00	40.28 -1.56 0.00	30.67 -1.17 0.00	27.12 -1.03 0.00	35.33 -1.34 0.00	32.54 -1.24 0.00	36.53 -1.39 0.00	30.66 -1.17 -0.03	30.64 -1.17 -0.14	42.00 -1.73 -0.11	41.92 -1.70 0.00	50.49 -2.01 0.00	36.51 -1.47 -0.24	41.40 -1.64 0.00	41.28 -1.47 -0.29	43.10 -1.58 -0.01	37.54 -1.26 -0.78	29.81 -0.94 0.00
NM_CAPITAL____DRP 24208	24.20 1.13 0.00	27.61 1.19 0.00	28.51 1.20 0.00	25.91 1.15 0.00	30.99 1.38 0.00	28.87 1.22 0.00	29.99 1.19 0.00	43.58 1.74 0.00	33.16 1.31 0.00	29.22 1.07 0.00	42.45 1.64 -4.14	35.41 1.61 -0.02	39.83 1.69 -0.23	33.45 1.40 -0.25	34.47 1.42 -1.38	49.95 1.84 -4.50	45.31 1.69 0.00	54.66 2.16 0.00	41.55 1.63 -2.18	44.90 1.86 0.00	46.99 1.95 -2.58	46.80 1.99 -0.14	46.58 1.56 -7.00	31.94 1.19 0.00
NM_CENTRAL____DRP 24181	22.86 -0.21 0.00	26.11 -0.31 0.00	26.92 -0.39 0.00	24.43 -0.33 0.00	29.22 -0.39 0.00	27.19 -0.46 0.00	28.35 -0.45 0.00	41.18 -0.66 0.00	31.37 -0.48 0.00	27.73 -0.42 0.00	36.13 -0.55 0.00	33.27 -0.51 0.00	37.35 -0.57 0.00	31.32 -0.51 -0.04	31.33 -0.51 -0.18	42.90 -0.86 -0.14	42.81 -0.81 0.00	51.59 -0.91 0.00	37.30 -0.73 -0.29	42.26 -0.78 0.00	42.23 -0.58 -0.35	43.95 -0.74 -0.02	38.41 -0.57 -0.95	30.40 -0.35 0.00
NM_FRONTIER____DRP 24179	21.94 -1.13 0.00	24.87 -1.54 0.00	25.42 -1.88 0.00	23.10 -1.66 0.00	27.38 -2.23 0.00	25.08 -2.57 0.00	25.67 -3.13 0.00	37.19 -4.65 0.00	28.59 -3.26 0.00	25.47 -2.69 0.00	33.06 -3.62 0.00	30.43 -3.35 0.00	34.70 -3.21 0.00	28.88 -2.96 -0.05	28.52 -3.39 -0.24	38.80 -5.01 -0.19	38.71 -4.91 0.00	46.47 -6.03 0.00	33.44 -4.70 -0.40	37.85 -5.19 0.00	37.62 -5.31 -0.48	38.94 -5.60 0.13	34.89 -4.43 -1.30	27.99 -2.76 0.00
NM_ST_REGIS____HYD 24053	28.32 -0.46 -5.70	31.40 -0.33 -5.31	27.26 -0.05 0.00	24.64 -0.12 0.00	29.54 -0.07 0.00	27.74 0.09 0.00	28.71 -0.09 0.00	41.69 -0.16 0.00	31.62 -0.23 0.00	28.21 0.05 0.00	36.91 0.23 0.00	33.83 0.05 0.00	37.87 -0.05 0.00	31.62 -0.18 0.00	31.54 -0.15 -0.02	43.68 0.04 -0.02	43.74 0.12 0.00	52.14 -0.36 0.00	37.44 -0.34 -0.04	42.56 -0.48 0.00	41.73 -0.78 -0.05	45.93 -0.13 -1.39	38.03 -0.11 -0.13	30.55 -0.20 0.00
NORTHPORT____1 23551	50.26 2.39 -24.80	47.10 2.63 -18.06	52.63 2.77 -22.57	47.19 2.63 -19.80	49.30 3.06 -16.63	83.37 2.86 -52.87	90.24 3.07 -58.37	64.10 4.25 -18.01	34.97 3.13 0.00	30.61 2.46 0.00	57.58 3.18 -17.72	36.98 3.16 -0.05	42.80 3.70 -1.19	40.09 3.11 -5.19	36.13 2.93 -1.53	85.98 4.06 -38.31	143.25 4.16 -95.47	194.67 5.13 -137.04	302.42 3.74 -260.94	329.64 4.22 -282.38	119.74 3.94 -73.34	93.82 3.96 -45.18	71.76 3.30 -30.44	84.09 2.67 -50.67
NORTHPORT____2 23552	50.26 2.39 -24.80	47.10 2.63 -18.06	52.63 2.77 -22.57	47.19 2.63 -19.80	49.30 3.06 -16.63	83.37 2.86 -52.87	90.24 3.07 -58.37	64.10 4.25 -18.01	34.97 3.13 0.00	30.61 2.46 0.00	57.58 3.18 -17.72	36.98 3.16 -0.05	42.80 3.70 -1.19	40.09 3.11 -5.19	36.13 2.93 -1.53	85.98 4.06 -38.31	143.25 4.16 -95.47	194.67 5.13 -137.04	302.42 3.74 -260.94	329.64 4.22 -282.38	119.74 3.94 -73.34	93.82 3.96 -45.18	71.76 3.30 -30.44	84.09 2.67 -50.67

NORTHPORT___3 23553	50.02 2.22 -24.72	46.81 2.39 -18.00	52.32 2.52 -22.49	46.91 2.41 -19.74	48.99 2.80 -16.58	82.98 2.63 -52.70	89.81 2.81 -58.19	63.69 3.90 -17.95	34.71 2.86 0.00	30.42 2.26 0.00	57.35 2.95 -17.72	36.78 2.96 -0.04	42.56 3.46 -1.18	39.87 2.92 -5.15	35.93 2.73 -1.53	85.59 3.71 -38.26	142.53 3.74 -95.18	193.71 4.59 -136.62	301.28 3.36 -260.18	328.34 3.76 -281.53	119.15 3.57 -73.12	93.28 3.57 -45.03	71.38 2.99 -30.37	83.71 2.45 -50.52
NORTHPORT___4 23650	50.02 2.22 -24.72	46.81 2.39 -18.00	52.32 2.52 -22.49	46.91 2.41 -19.74	48.99 2.80 -16.58	82.98 2.63 -52.70	89.81 2.81 -58.19	63.69 3.90 -17.95	34.71 2.86 0.00	30.42 2.26 0.00	57.35 2.95 -17.72	36.78 2.96 -0.04	42.56 3.46 -1.18	39.87 2.92 -5.15	35.93 2.73 -1.53	85.59 3.71 -38.26	142.53 3.74 -95.18	193.71 4.59 -136.62	301.28 3.36 -260.18	328.34 3.76 -281.53	119.15 3.57 -73.12	93.28 3.57 -45.03	71.38 2.99 -30.37	83.71 2.45 -50.52
NORTHPORT___IC 23718	50.26 2.39 -24.80	47.10 2.63 -18.06	52.63 2.77 -22.57	47.19 2.63 -19.80	49.30 3.06 -16.63	83.37 2.86 -52.87	90.24 3.07 -58.37	64.10 4.25 -18.01	34.97 3.13 0.00	30.61 2.46 0.00	57.58 3.18 -17.72	36.98 3.16 -0.05	42.80 3.70 -1.19	40.09 3.11 -5.19	36.13 2.93 -1.53	85.98 4.06 -38.31	143.25 4.16 -95.47	194.67 5.13 -137.04	302.42 3.74 -260.94	329.64 4.22 -282.38	119.74 3.94 -73.34	93.82 3.96 -45.18	71.76 3.30 -30.44	84.09 2.67 -50.67
NORTH___COUNTRY_ESR 323785	-1.25 -1.05 23.27	3.71 -1.04 21.66	26.60 -0.70 0.00	24.16 -0.60 0.00	29.23 -0.38 0.00	27.81 0.16 0.00	29.19 0.39 0.00	42.33 0.48 0.00	32.02 0.17 0.00	28.53 0.38 0.00	37.44 0.76 0.00	34.37 0.59 0.00	38.26 0.35 0.00	31.54 -0.25 0.00	31.20 -0.47 0.00	43.94 0.32 0.00	43.94 0.32 0.00	52.18 -0.32 0.00	37.12 -0.62 0.00	42.08 -0.96 0.00	41.07 -1.39 0.00	37.84 -1.17 5.66	37.10 -0.92 0.00	29.90 -0.85 0.00
NPX_GEN_1385_PROXY 323591	50.59 2.71 -24.80	47.64 3.17 -18.06	54.32 3.48 -23.54	47.83 3.27 -19.80	49.90 3.66 -16.63	87.17 3.35 -56.17	90.65 3.48 -58.37	64.10 4.25 -18.01	34.97 3.13 0.00	30.79 2.46 -0.17	57.58 3.18 -17.72	36.98 3.16 -0.05	45.71 3.70 -4.10	40.09 3.11 -5.19	36.13 2.93 -1.53	85.98 4.06 -38.31	143.25 4.16 -95.47	199.08 5.13 -141.45	302.42 3.74 -260.94	329.64 4.22 -282.38	119.74 3.94 -73.34	93.82 3.96 -45.18	71.76 3.30 -30.44	84.09 2.67 -50.67
NPX_GEN_CSC 323557	50.56 2.83 -24.66	47.43 3.06 -17.96	53.91 3.19 -23.42	47.49 3.04 -19.69	49.71 3.56 -16.54	86.89 3.36 -55.88	90.50 3.65 -58.05	64.91 5.15 -17.91	35.60 3.75 0.00	31.24 2.91 -0.17	58.09 3.69 -17.72	37.40 3.58 -0.05	46.19 4.16 -4.12	40.62 3.54 -5.27	36.61 3.41 -1.53	86.72 4.90 -38.21	143.79 5.22 -94.95	199.76 6.57 -140.70	302.10 4.76 -259.60	329.29 5.38 -280.87	120.40 4.99 -72.95	94.70 5.03 -45.00	72.46 4.13 -30.31	84.45 3.30 -50.39
NSINS_S_GLNS_FALLS 23858	24.20 1.12 0.00	27.55 1.13 0.00	28.47 1.16 0.00	25.86 1.10 0.00	31.00 1.39 0.00	29.03 1.38 0.00	30.67 1.86 0.00	44.72 2.87 0.00	33.95 2.10 0.00	29.67 1.52 0.00	42.59 1.96 -3.96	35.61 1.81 -0.02	40.44 2.31 -0.22	33.63 1.58 -0.26	34.91 1.84 -1.39	50.65 2.61 -4.42	46.54 2.91 0.00	55.98 3.48 0.00	42.50 2.52 -2.24	45.92 2.88 0.00	47.72 2.61 -2.65	47.66 2.85 -0.14	47.35 2.15 -7.18	32.26 1.51 0.00
NUCOR_STEEL___DRP 24197	23.20 0.13 0.00	26.61 0.19 0.00	27.45 0.15 0.00	24.86 0.10 0.00	29.76 0.15 0.00	27.72 0.07 0.00	28.77 -0.03 0.00	41.91 0.07 0.00	31.99 0.14 0.00	28.33 0.17 0.00	36.80 0.12 0.00	33.87 0.09 0.00	37.84 -0.07 0.00	31.80 -0.04 -0.04	31.78 -0.09 -0.21	43.65 -0.14 -0.17	43.50 -0.12 0.00	52.70 0.20 0.00	38.08 -0.01 -0.35	43.03 -0.01 0.00	42.76 -0.11 -0.42	44.45 -0.30 -0.08	39.05 -0.11 -1.14	30.72 -0.03 0.00
NUMBER_THREE_WT_PWR 323818	24.01 -0.15 -1.09	27.56 0.12 -1.01	27.83 0.53 0.00	25.12 0.36 0.00	30.00 0.39 0.00	28.28 0.63 0.00	29.61 0.81 0.00	42.98 1.13 0.00	32.41 0.56 0.00	28.18 0.02 0.00	36.45 -0.23 0.00	33.09 -0.69 0.00	37.00 -0.92 0.00	31.33 -0.48 -0.01	31.55 -0.19 -0.07	43.87 0.20 -0.05	44.16 0.53 0.00	53.08 0.58 0.00	37.85 0.00 -0.11	42.60 -0.44 0.00	41.75 -0.84 -0.13	43.70 -1.24 -0.27	37.13 -1.25 -0.35	29.65 -1.11 0.00
NYISO_LBMP_REFERENCE 24008	23.08 0.00 0.00	26.42 0.00 0.00	27.30 0.00 0.00	24.76 0.00 0.00	29.61 0.00 0.00	27.65 0.00 0.00	28.80 0.00 0.00	41.85 0.00 0.00	31.85 0.00 0.00	28.16 0.00 0.00	36.68 0.00 0.00	33.78 0.00 0.00	37.92 0.00 0.00	31.80 0.00 0.00	31.67 0.00 0.00	43.62 0.00 0.00	43.62 0.00 0.00	52.50 0.00 0.00	37.74 0.00 0.00	43.04 0.00 0.00	42.46 0.00 0.00	44.67 0.00 0.00	38.02 0.00 0.00	30.75 0.00 0.00
NYPA_BRENTWD___GT 24164	50.24 2.67 -24.50	47.17 2.92 -17.84	52.64 3.04 -22.29	47.20 2.88 -19.56	49.42 3.38 -16.43	83.06 3.19 -52.22	89.84 3.38 -57.66	64.45 4.82 -17.79	35.42 3.57 0.00	30.98 2.82 0.00	58.01 3.61 -17.72	37.36 3.53 -0.06	43.24 4.11 -1.22	40.64 3.46 -5.38	36.52 3.32 -1.53	86.35 4.65 -38.08	142.73 4.79 -94.32	193.76 5.88 -135.38	300.10 4.39 -257.97	327.04 4.95 -279.05	119.57 4.64 -72.47	94.13 4.68 -44.78	72.03 3.86 -30.14	83.89 3.09 -50.05
NYPA_GOWANUS___GT5 24156	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
NYPA_GOWANUS___GT6 24157	24.84 1.76 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.84 2.24 0.00	29.72 2.07 0.00	31.11 2.31 0.00	45.23 3.38 0.00	34.47 2.62 0.00	30.32 2.16 0.00	57.13 2.64 -17.81	36.44 2.65 -0.02	41.76 2.87 -0.97	34.47 2.47 -0.20	35.66 2.46 -1.53	62.16 3.00 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.65 3.15 -1.75	46.57 3.53 0.00	47.72 3.18 -2.07	47.90 3.12 -0.11	46.20 2.56 -5.62	32.73 1.98 0.00
NYPA_HARLEM__RVR__GT1 24160	24.72 1.64 0.00	28.14 1.72 0.00	29.10 1.80 0.00	26.47 1.71 0.00	31.67 2.07 0.00	29.53 1.89 0.00	30.92 2.12 0.00	45.05 3.21 0.00	34.31 2.46 0.00	30.17 2.02 0.00	56.96 2.48 -17.81	36.28 2.49 -0.02	41.59 2.70 -0.97	34.31 2.30 -0.20	35.48 2.28 -1.53	61.96 2.80 -15.54	46.72 3.10 0.00	56.35 3.85 0.00	42.41 2.92 -1.75	46.33 3.29 0.00	47.51 2.98 -2.07	47.66 2.88 -0.11	46.02 2.37 -5.62	32.59 1.84 0.00
NYPA_HARLEM__RVR__GT2 24161	24.72 1.64 0.00	28.14 1.72 0.00	29.10 1.80 0.00	26.47 1.71 0.00	31.67 2.07 0.00	29.53 1.89 0.00	30.92 2.12 0.00	45.05 3.21 0.00	34.31 2.46 0.00	30.17 2.02 0.00	56.96 2.48 -17.81	36.28 2.49 -0.02	41.59 2.70 -0.97	34.31 2.30 -0.20	35.48 2.28 -1.53	61.96 2.80 -15.54	46.72 3.10 0.00	56.35 3.85 0.00	42.41 2.92 -1.75	46.33 3.29 0.00	47.51 2.98 -2.07	47.66 2.88 -0.11	46.02 2.37 -5.62	32.59 1.84 0.00

NYPA_KENT____GT 24152	24.83 1.75 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.83 2.22 0.00	29.70 2.05 0.00	31.09 2.29 0.00	45.22 3.38 0.00	34.47 2.62 0.00	30.31 2.16 0.00	57.13 2.64 -17.81	36.45 2.65 -0.02	41.78 2.89 -0.97	34.49 2.48 -0.20	35.66 2.46 -1.53	62.18 3.02 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.61 3.12 -1.75	46.53 3.49 0.00	47.71 3.18 -2.07	47.88 3.10 -0.11	46.19 2.55 -5.62	32.71 1.96 0.00
NYPA_POUCH1____GT 24155	24.80 1.72 0.00	28.25 1.83 0.00	29.21 1.90 0.00	26.60 1.84 0.00	31.81 2.21 0.00	29.70 2.06 0.00	31.08 2.28 0.00	45.15 3.30 0.00	34.40 2.55 0.00	30.26 2.10 0.00	57.01 2.52 -17.81	36.34 2.54 -0.02	41.64 2.75 -0.97	34.38 2.38 -0.20	35.57 2.36 -1.53	62.00 2.84 -15.54	46.78 3.16 0.00	56.48 3.98 0.00	42.57 3.07 -1.75	46.48 3.44 0.00	47.61 3.08 -2.07	47.79 3.01 -0.11	46.12 2.47 -5.62	32.68 1.93 0.00
NYPA_VERNON____GT2 24162	24.82 1.74 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.82 2.21 0.00	29.69 2.04 0.00	31.08 2.28 0.00	45.22 3.37 0.00	34.47 2.62 0.00	30.31 2.15 0.00	57.14 2.66 -17.81	36.46 2.66 -0.02	41.79 2.91 -0.97	34.49 2.49 -0.20	35.66 2.46 -1.53	62.19 3.03 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.59 3.09 -1.75	46.49 3.45 0.00	47.71 3.17 -2.07	47.87 3.09 -0.11	46.19 2.54 -5.62	32.70 1.95 0.00
NYPA_VERNON____GT3 24163	24.82 1.74 0.00	28.29 1.87 0.00	29.24 1.94 0.00	26.63 1.87 0.00	31.82 2.21 0.00	29.69 2.04 0.00	31.08 2.28 0.00	45.22 3.37 0.00	34.47 2.62 0.00	30.31 2.15 0.00	57.14 2.66 -17.81	36.46 2.66 -0.02	41.79 2.91 -0.97	34.49 2.49 -0.20	35.66 2.46 -1.53	62.19 3.03 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.59 3.09 -1.75	46.49 3.45 0.00	47.71 3.17 -2.07	47.87 3.09 -0.11	46.19 2.54 -5.62	32.70 1.95 0.00
NYPA__ASTORIA_CC1 323568	24.80 1.72 0.00	28.26 1.85 0.00	29.21 1.91 0.00	26.61 1.84 0.00	31.78 2.18 0.00	29.64 1.99 0.00	31.04 2.24 0.00	45.17 3.32 0.00	34.42 2.57 0.00	30.25 2.10 0.00	57.08 2.60 -17.81	36.41 2.62 -0.02	41.73 2.84 -0.97	34.44 2.44 -0.20	35.61 2.41 -1.53	62.12 2.96 -15.54	46.83 3.21 0.00	56.56 4.06 0.00	42.52 3.03 -1.75	46.43 3.39 0.00	47.63 3.10 -2.07	47.80 3.02 -0.11	46.13 2.49 -5.62	32.65 1.90 0.00
NYPA__ASTORIA_CC2 323569	24.80 1.72 0.00	28.26 1.85 0.00	29.21 1.91 0.00	26.61 1.84 0.00	31.78 2.18 0.00	29.64 1.99 0.00	31.04 2.24 0.00	45.17 3.32 0.00	34.42 2.57 0.00	30.25 2.10 0.00	57.08 2.60 -17.81	36.41 2.62 -0.02	41.73 2.84 -0.97	34.44 2.44 -0.20	35.61 2.41 -1.53	62.12 2.96 -15.54	46.83 3.21 0.00	56.56 4.06 0.00	42.52 3.03 -1.75	46.43 3.39 0.00	47.63 3.10 -2.07	47.80 3.02 -0.11	46.13 2.49 -5.62	32.65 1.90 0.00
NYPA__HOLTSVILL 23794	50.36 2.61 -24.67	47.21 2.83 -17.97	52.71 2.96 -22.45	47.27 2.81 -19.70	49.45 3.30 -16.55	83.35 3.10 -52.60	90.23 3.35 -58.08	64.49 4.73 -17.91	35.31 3.46 0.00	30.86 2.71 0.00	57.86 3.46 -17.72	37.22 3.39 -0.05	43.07 3.96 -1.20	40.40 3.34 -5.26	36.39 3.18 -1.53	86.34 4.50 -38.22	143.36 4.74 -94.99	194.77 5.91 -136.36	301.74 4.28 -259.72	328.89 4.84 -281.01	119.95 4.51 -72.98	94.23 4.55 -45.02	72.09 3.75 -30.32	84.18 3.01 -50.42
NYPA____HELLGATE_GT1 24158	24.70 1.63 0.00	28.11 1.69 0.00	29.07 1.77 0.00	26.44 1.68 0.00	31.64 2.04 0.00	29.50 1.86 0.00	30.89 2.09 0.00	45.01 3.17 0.00	34.27 2.42 0.00	30.15 2.00 0.00	56.94 2.45 -17.81	36.26 2.46 -0.02	41.56 2.67 -0.97	34.29 2.28 -0.20	35.45 2.25 -1.53	61.92 2.76 -15.54	46.69 3.07 0.00	56.32 3.82 0.00	42.39 2.89 -1.75	46.29 3.25 0.00	47.47 2.94 -2.07	47.62 2.84 -0.11	45.99 2.34 -5.62	32.58 1.83 0.00
NYPA____HELLGATE_GT2 24159	24.70 1.63 0.00	28.11 1.69 0.00	29.07 1.77 0.00	26.44 1.68 0.00	31.64 2.04 0.00	29.50 1.86 0.00	30.89 2.09 0.00	45.01 3.17 0.00	34.27 2.42 0.00	30.15 2.00 0.00	56.94 2.45 -17.81	36.26 2.46 -0.02	41.56 2.67 -0.97	34.29 2.28 -0.20	35.45 2.25 -1.53	61.92 2.76 -15.54	46.69 3.07 0.00	56.32 3.82 0.00	42.39 2.89 -1.75	46.29 3.25 0.00	47.47 2.94 -2.07	47.62 2.84 -0.11	45.99 2.34 -5.62	32.58 1.83 0.00
NYS_BARGE__HYD 23848	22.47 -0.60 0.00	25.52 -0.90 0.00	26.06 -1.24 0.00	23.64 -1.12 0.00	28.12 -1.48 0.00	25.76 -1.89 0.00	26.50 -2.30 0.00	38.65 -3.20 0.00	29.68 -2.17 0.00	26.43 -1.73 0.00	34.31 -2.37 0.00	31.60 -2.18 0.00	35.98 -1.93 0.00	29.94 -1.91 -0.05	29.58 -2.32 -0.24	40.32 -3.49 -0.19	40.23 -3.39 0.00	48.35 -4.15 0.00	34.78 -3.36 -0.39	39.36 -3.68 0.00	39.02 -3.91 -0.47	40.38 -4.17 0.12	36.04 -3.27 -1.28	28.91 -1.84 0.00
OAK ORCHARD__HYD 24046	22.76 -0.32 0.00	25.92 -0.50 0.00	26.59 -0.71 0.00	24.12 -0.64 0.00	28.79 -0.81 0.00	26.58 -1.07 0.00	27.56 -1.24 0.00	40.20 -1.64 0.00	30.76 -1.09 0.00	27.32 -0.84 0.00	35.56 -1.12 0.00	32.71 -1.07 0.00	37.01 -0.90 0.00	30.91 -0.94 -0.04	30.69 -1.19 -0.22	41.96 -1.82 -0.17	41.90 -1.72 0.00	50.45 -2.06 0.00	36.39 -1.71 -0.36	41.17 -1.87 0.00	40.91 -1.98 -0.43	42.38 -2.21 0.08	37.44 -1.75 -1.17	29.72 -1.03 0.00
OAKDALE__35_KV_LOAD 356122	23.51 0.44 0.00	26.83 0.42 0.00	27.66 0.36 0.00	25.14 0.38 0.00	30.07 0.47 0.00	27.88 0.23 0.00	29.07 0.26 0.00	42.32 0.47 0.00	32.23 0.38 0.00	28.48 0.32 0.00	37.09 0.41 0.00	34.18 0.39 -0.01	38.35 0.43 0.00	32.16 0.27 -0.08	32.30 0.24 -0.39	44.23 0.30 -0.31	43.94 0.32 0.00	53.05 0.55 0.00	38.57 0.16 -0.66	43.20 0.16 0.00	43.33 0.06 -0.81	44.57 -0.14 -0.04	40.14 -0.07 -2.18	30.86 0.11 0.00
OCC_CHEM__DRP 24175	21.99 -1.09 0.00	24.93 -1.49 0.00	25.48 -1.82 0.00	23.15 -1.61 0.00	27.44 -2.16 0.00	25.13 -2.52 0.00	25.73 -3.07 0.00	37.31 -4.54 0.00	28.66 -3.18 0.00	25.54 -2.62 0.00	33.15 -3.53 0.00	30.52 -3.26 0.00	34.81 -3.10 0.00	28.97 -2.88 -0.05	28.59 -3.32 -0.24	38.91 -4.90 -0.19	38.82 -4.80 0.00	46.61 -5.89 0.01	33.54 -4.60 -0.40	37.97 -5.07 0.00	37.72 -5.22 -0.48	39.06 -5.49 0.13	34.98 -4.34 -1.30	28.06 -2.69 0.00
OH_GEN_PROXY 24063	29.13 -0.91 -6.97	37.12 -1.20 -11.91	37.61 -1.52 -11.84	35.27 -1.39 -11.89	27.82 -1.79 0.00	28.72 -2.23 -3.30	26.12 -2.68 0.00	38.08 -3.77 0.00	29.23 -2.62 0.00	42.93 -2.12 -16.89	50.26 -2.81 -16.39	47.63 -2.62 -16.46	54.32 -2.42 -18.83	29.54 -2.31 -0.05	29.17 -2.74 -0.24	56.34 -4.06 -16.78	39.61 -4.01 0.00	51.98 -4.93 -4.41	34.25 -3.89 -0.40	49.21 -4.25 -10.42	38.52 -4.42 -0.48	42.75 -4.67 -2.75	35.62 -3.69 -1.29	28.48 -2.27 0.00
OLIN_CORP_DRP 24177	22.13 -0.94 0.00	25.09 -1.33 0.00	25.65 -1.66 0.00	23.30 -1.46 0.00	27.63 -1.97 0.00	25.32 -2.33 0.00	26.00 -2.80 0.00	37.86 -3.99 0.00	29.08 -2.77 0.00	25.91 -2.25 0.00	33.64 -3.04 0.00	30.98 -2.81 0.00	35.31 -2.61 0.00	29.39 -2.46 -0.05	29.01 -2.90 -0.24	39.51 -4.30 -0.19	39.42 -4.20 0.00	47.35 -5.15 0.00	34.07 -4.07 -0.40	38.56 -4.48 0.00	38.30 -4.64 -0.48	39.62 -4.92 0.13	35.45 -3.88 -1.30	28.48 -2.27 0.00

OLIN_CORP_DSASP 323712	21.95 -1.13 0.00	24.93 -1.49 0.00	25.46 -1.84 0.00	23.10 -1.66 0.00	27.44 -2.16 0.00	25.09 -2.55 0.00	25.71 -3.09 0.00	37.31 -4.53 0.00	28.67 -3.18 0.00	25.53 -2.62 0.00	33.16 -3.52 0.00	30.53 -3.26 0.00	34.80 -3.11 0.00	28.98 -2.87 -0.05	28.60 -3.31 -0.24	38.92 -4.88 -0.19	38.80 -4.81 0.00	46.59 -5.91 0.01	33.54 -4.60 -0.40	37.97 -5.07 0.00	37.70 -5.24 -0.48	39.03 -5.51 0.13	34.98 -4.34 -1.30	28.05 -2.70 0.00
ONEIDA_HERK_LFGE 323681	23.96 0.37 -0.52	27.44 0.54 -0.48	28.01 0.71 0.00	25.36 0.60 0.00	30.33 0.72 0.00	28.44 0.79 0.00	29.74 0.94 0.00	43.23 1.39 0.00	32.80 0.95 0.00	28.78 0.62 0.00	37.35 0.67 0.00	34.18 0.39 0.00	38.31 0.39 0.00	32.30 0.49 -0.01	32.30 0.57 -0.06	44.62 0.96 -0.05	44.77 1.15 0.00	53.90 1.40 0.00	38.66 0.81 -0.10	43.77 0.73 0.00	43.10 0.53 -0.12	45.10 0.30 -0.13	38.48 0.13 -0.32	30.80 0.05 0.00
ONEIDA___115KV_TB4 55905	23.81 0.73 0.00	27.25 0.83 0.00	28.16 0.86 0.00	25.53 0.77 0.00	30.53 0.92 0.00	28.54 0.89 0.00	29.84 1.04 0.00	43.41 1.57 0.00	33.05 1.20 0.00	29.15 0.99 0.00	37.90 1.22 0.00	34.81 1.03 0.00	39.06 1.15 0.00	32.80 0.98 -0.02	32.78 1.00 -0.11	45.02 1.32 -0.09	45.13 1.51 0.00	54.32 1.82 0.00	39.11 1.19 -0.18	44.33 1.29 0.00	43.86 1.19 -0.22	45.68 1.00 -0.01	39.39 0.78 -0.59	31.40 0.65 0.00
ONONDAGA_REF_OCCRA 23987	23.06 -0.02 0.00	26.35 -0.07 0.00	27.15 -0.15 0.00	24.64 -0.12 0.00	29.47 -0.13 0.00	27.44 -0.21 0.00	28.63 -0.17 0.00	41.60 -0.25 0.00	31.68 -0.17 0.00	28.00 -0.16 0.00	36.48 -0.20 0.00	33.57 -0.21 0.00	37.68 -0.24 0.00	31.61 -0.24 -0.04	31.63 -0.24 -0.20	43.32 -0.45 -0.16	43.26 -0.37 0.00	52.16 -0.34 0.00	37.74 -0.33 -0.33	42.71 -0.34 0.00	42.65 -0.20 -0.39	44.37 -0.36 -0.06	38.83 -0.26 -1.07	30.64 -0.11 0.00
ONONDAGA___COGEN 23986	22.99 -0.09 0.00	26.29 -0.12 0.00	27.12 -0.18 0.00	24.58 -0.18 0.00	29.40 -0.21 0.00	27.40 -0.25 0.00	28.57 -0.23 0.00	41.50 -0.35 0.00	31.60 -0.24 0.00	27.94 -0.22 0.00	36.38 -0.30 0.00	33.49 -0.29 0.00	37.57 -0.35 0.00	31.53 -0.31 -0.04	31.55 -0.31 -0.19	43.22 -0.54 -0.15	43.12 -0.50 0.00	52.01 -0.49 0.00	37.63 -0.43 -0.32	42.58 -0.46 0.00	42.48 -0.36 -0.38	44.18 -0.51 -0.02	38.69 -0.36 -1.03	30.55 -0.21 0.00
ONTARIO___LFGE 23819	23.36 0.29 0.00	26.64 0.22 0.00	27.37 0.07 0.00	24.83 0.06 0.00	29.76 0.16 0.00	27.58 -0.06 0.00	28.71 -0.09 0.00	41.70 -0.15 0.00	31.89 0.04 0.00	28.25 0.10 0.00	36.79 0.11 0.00	33.67 -0.11 0.00	37.95 0.04 0.00	31.75 -0.09 -0.05	31.70 -0.20 -0.23	43.43 -0.38 -0.19	43.53 -0.09 0.00	52.34 -0.16 0.00	37.85 -0.28 -0.39	42.60 -0.45 0.00	42.34 -0.59 -0.46	43.56 -0.89 0.23	38.62 -0.66 -1.26	30.50 -0.25 0.00
ORANGEVILLE_WT_PWR 323706	22.83 -0.24 0.00	25.92 -0.49 0.00	26.42 -0.88 0.00	23.89 -0.87 0.00	28.52 -1.09 0.00	26.18 -1.47 0.00	26.99 -1.81 0.00	39.16 -2.69 0.00	29.93 -1.92 0.00	26.61 -1.55 0.00	34.66 -2.02 0.00	31.94 -1.84 0.00	36.33 -1.58 0.00	30.17 -1.68 -0.06	30.02 -1.92 -0.27	40.96 -2.87 -0.21	40.97 -2.65 0.00	49.08 -3.42 0.00	35.32 -2.87 -0.45	39.61 -3.43 0.00	39.30 -3.70 -0.54	40.43 -4.01 0.23	36.42 -3.07 -1.46	28.91 -1.84 0.00
ORANGEVILLE___ESR 323794	22.83 -0.24 0.00	25.92 -0.49 0.00	26.42 -0.88 0.00	23.89 -0.87 0.00	28.52 -1.09 0.00	26.18 -1.47 0.00	26.99 -1.81 0.00	39.16 -2.69 0.00	29.93 -1.92 0.00	26.61 -1.55 0.00	34.66 -2.02 0.00	31.94 -1.84 0.00	36.33 -1.58 0.00	30.17 -1.68 -0.06	30.02 -1.92 -0.27	40.96 -2.87 -0.21	40.97 -2.65 0.00	49.08 -3.42 0.00	35.32 -2.87 -0.45	39.61 -3.43 0.00	39.30 -3.70 -0.54	40.43 -4.01 0.23	36.42 -3.07 -1.46	28.91 -1.84 0.00
OSWEGATCHIE___HYD 24044	24.94 -0.48 -2.34	28.29 -0.30 -2.18	27.32 0.02 0.00	24.68 -0.08 0.00	29.50 -0.11 0.00	27.72 0.07 0.00	28.81 0.01 0.00	41.83 -0.02 0.00	31.65 -0.20 0.00	27.85 -0.31 0.00	36.22 -0.46 0.00	33.06 -0.72 0.00	37.00 -0.92 0.00	31.16 -0.65 -0.01	31.26 -0.46 -0.05	43.27 -0.39 -0.04	43.48 -0.14 0.00	52.07 -0.43 0.00	37.31 -0.52 -0.08	42.21 -0.83 0.00	41.42 -1.14 -0.09	44.26 -0.98 -0.57	37.33 -0.95 -0.26	29.87 -0.88 0.00
OSWEGO___5 23606	22.52 -0.55 0.00	25.74 -0.67 0.00	26.56 -0.74 0.00	24.09 -0.67 0.00	28.81 -0.80 0.00	26.84 -0.81 0.00	27.96 -0.84 0.00	40.64 -1.20 0.00	30.96 -0.89 0.00	27.37 -0.79 0.00	35.65 -1.03 0.00	32.82 -0.96 0.00	36.85 -1.06 0.00	30.93 -0.90 -0.03	30.91 -0.91 -0.15	42.36 -1.38 -0.12	42.29 -1.33 0.00	50.93 -1.57 0.00	36.84 -1.16 -0.26	41.75 -1.29 0.00	41.61 -1.16 -0.31	43.40 -1.28 -0.02	37.84 -1.01 -0.83	30.02 -0.73 0.00
OSWEGO___6 23613	22.52 -0.55 0.00	25.74 -0.67 0.00	26.56 -0.74 0.00	24.09 -0.67 0.00	28.81 -0.80 0.00	26.84 -0.81 0.00	27.96 -0.84 0.00	40.64 -1.20 0.00	30.96 -0.89 0.00	27.37 -0.79 0.00	35.65 -1.03 0.00	32.82 -0.96 0.00	36.85 -1.06 0.00	30.93 -0.90 -0.03	30.91 -0.91 -0.15	42.36 -1.38 -0.12	42.29 -1.33 0.00	50.93 -1.57 0.00	36.84 -1.16 -0.26	41.75 -1.29 0.00	41.61 -1.16 -0.31	43.40 -1.28 -0.02	37.84 -1.01 -0.83	30.02 -0.73 0.00
OUTOKUMPU-AB___DRP 24206	22.70 -0.37 0.00	25.74 -0.67 0.00	26.30 -1.00 0.00	23.89 -0.87 0.00	28.37 -1.24 0.00	25.99 -1.66 0.00	26.72 -2.09 0.00	38.86 -2.98 0.00	29.86 -1.99 0.00	26.59 -1.57 0.00	34.54 -2.14 0.00	31.83 -1.96 0.00	36.24 -1.67 0.00	30.16 -1.69 -0.05	29.79 -2.12 -0.24	40.55 -3.26 -0.19	40.49 -3.13 0.00	48.70 -3.81 -0.01	35.01 -3.14 -0.40	39.57 -3.47 0.00	39.27 -3.67 -0.48	40.61 -3.93 0.13	36.25 -3.08 -1.31	29.06 -1.69 0.00
OXBOW___ 24026	22.39 -0.69 0.00	25.42 -1.00 0.00	25.96 -1.35 0.00	23.54 -1.22 0.00	27.99 -1.61 0.00	25.61 -2.04 0.00	26.31 -2.50 0.00	38.23 -3.61 0.00	29.38 -2.47 0.00	26.16 -2.00 0.00	33.98 -2.70 0.00	31.30 -2.49 0.00	35.66 -2.26 0.00	29.69 -2.16 -0.05	29.31 -2.60 -0.24	39.90 -3.91 -0.19	39.80 -3.82 0.00	47.83 -4.68 -0.01	34.41 -3.74 -0.40	38.91 -4.13 0.00	38.62 -4.32 -0.48	39.96 -4.58 0.13	35.74 -3.59 -1.30	28.64 -2.12 0.00
OXY_CHEM_DSASP 323612	21.99 -1.09 0.00	24.93 -1.49 0.00	25.48 -1.82 0.00	23.15 -1.61 0.00	27.44 -2.16 0.00	25.13 -2.52 0.00	25.73 -3.07 0.00	37.31 -4.54 0.00	28.66 -3.18 0.00	25.54 -2.62 0.00	33.15 -3.53 0.00	30.52 -3.26 0.00	34.81 -3.10 0.00	28.97 -2.88 -0.05	28.59 -3.32 -0.24	38.91 -4.90 -0.19	38.82 -4.80 0.00	46.61 -5.89 0.01	33.54 -4.60 -0.40	37.97 -5.07 0.00	37.72 -5.22 -0.48	39.06 -5.49 0.13	34.98 -4.34 -1.30	28.06 -2.69 0.00
OZONE_PARK_ESR 323760	24.95 1.88 0.00	28.44 2.02 0.00	29.38 2.08 0.00	26.79 2.03 0.00	32.05 2.44 0.00	29.86 2.21 0.00	31.27 2.48 0.00	45.52 3.67 0.00	34.72 2.87 0.00	30.52 2.36 0.00	57.45 2.92 -17.85	36.69 2.90 -0.02	42.05 3.16 -0.98	34.71 2.71 -0.20	35.90 2.70 -1.53	62.62 3.42 -15.58	47.28 3.66 0.00	57.18 4.68 0.00	42.94 3.44 -1.75	46.91 3.87 0.00	48.08 3.54 -2.07	48.28 3.50 -0.11	46.50 2.86 -5.62	32.93 2.18 0.00

PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.99 -1.09 0.00	24.93 -1.49 0.00	25.48 -1.82 0.00	23.15 -1.61 0.00	27.44 -2.16 0.00	25.13 -2.52 0.00	25.73 -3.07 0.00	37.31 -4.54 0.00	28.66 -3.18 0.00	25.54 -2.62 0.00	33.15 -3.53 0.00	30.52 -3.26 0.00	34.81 -3.10 0.00	28.97 -2.88 -0.05	28.59 -3.32 -0.24	38.91 -4.90 -0.19	38.82 -4.80 0.00	46.61 -5.89 0.01	33.54 -4.60 -0.40	37.97 -5.07 0.00	37.72 -5.22 -0.48	39.06 -5.49 0.13	34.98 -4.34 -1.30	28.06 -2.69 0.00
PACKARD__115KV_DUPONT_184 80571	21.99 -1.09 0.00	24.93 -1.49 0.00	25.48 -1.82 0.00	23.15 -1.61 0.00	27.44 -2.16 0.00	25.13 -2.52 0.00	25.73 -3.07 0.00	37.31 -4.54 0.00	28.66 -3.18 0.00	25.54 -2.62 0.00	33.15 -3.53 0.00	30.52 -3.26 0.00	34.81 -3.10 0.00	28.97 -2.88 -0.05	28.59 -3.32 -0.24	38.91 -4.90 -0.19	38.82 -4.80 0.00	46.61 -5.89 0.01	33.54 -4.60 -0.40	37.97 -5.07 0.00	37.72 -5.22 -0.48	39.06 -5.49 0.13	34.98 -4.34 -1.30	28.06 -2.69 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	24.75 1.68 0.00	28.20 1.78 0.00	29.14 1.84 0.00	26.51 1.75 0.00	31.72 2.11 0.00	29.58 1.94 0.00	30.98 2.18 0.00	45.13 3.28 0.00	34.37 2.52 0.00	30.21 2.06 0.00	57.03 2.55 -17.81	36.34 2.54 -0.02	41.65 2.77 -0.97	34.36 2.36 -0.20	35.53 2.33 -1.53	62.05 2.89 -15.54	46.80 3.18 0.00	56.50 4.00 0.00	42.50 3.00 -1.75	46.40 3.36 0.00	47.59 3.06 -2.07	47.75 2.97 -0.11	46.10 2.45 -5.62	32.63 1.87 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	24.87 1.79 0.00	28.34 1.92 0.00	29.30 2.00 0.00	26.58 1.81 0.00	31.81 2.20 0.00	29.66 2.01 0.00	31.15 2.35 0.00	45.48 3.63 0.00	34.60 2.75 0.00	30.39 2.23 0.00	57.24 2.75 -17.81	36.53 2.73 -0.02	41.87 2.98 -0.97	34.54 2.54 -0.20	35.70 2.50 -1.53	62.29 3.13 -15.54	47.08 3.46 0.00	56.82 4.32 0.00	42.74 3.24 -1.75	46.67 3.63 0.00	47.82 3.29 -2.07	47.95 3.17 -0.11	46.29 2.65 -5.62	32.78 2.03 0.00
PATROON__115KV_TB1 80586	24.21 1.13 0.00	27.62 1.20 0.00	28.52 1.22 0.00	25.92 1.16 0.00	31.01 1.40 0.00	28.89 1.24 0.00	30.00 1.20 0.00	43.62 1.78 0.00	33.19 1.34 0.00	29.25 1.09 0.00	42.51 1.72 -4.12	35.47 1.67 -0.02	39.90 1.76 -0.22	33.50 1.46 -0.25	34.54 1.49 -1.38	50.02 1.93 -4.48	45.36 1.74 0.00	54.77 2.27 0.00	41.63 1.70 -2.18	44.98 1.94 0.00	47.10 2.05 -2.58	46.87 2.07 -0.14	46.63 1.61 -7.00	31.97 1.21 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	23.48 0.40 0.00	26.66 0.24 0.00	27.22 -0.08 0.00	24.75 -0.01 0.00	29.45 -0.16 0.00	26.99 -0.66 0.00	27.78 -1.02 0.00	40.53 -1.31 0.00	31.06 -0.79 0.00	27.63 -0.52 0.00	36.03 -0.65 0.00	33.17 -0.62 0.00	37.68 -0.23 0.00	31.30 -0.55 -0.05	31.00 -0.93 -0.25	42.32 -1.50 -0.20	42.21 -1.41 0.00	50.77 -1.74 0.00	36.54 -1.62 -0.42	41.29 -1.75 0.00	40.96 -2.00 -0.50	42.27 -2.25 0.14	37.67 -1.71 -1.37	30.09 -0.66 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	24.86 1.79 0.00	28.36 1.94 0.00	29.32 2.02 0.00	26.69 1.93 0.00	31.94 2.34 0.00	29.80 2.15 0.00	31.20 2.39 0.00	45.38 3.53 0.00	34.53 2.68 0.00	30.37 2.21 0.00	45.08 2.75 -5.65	36.48 2.69 -0.02	41.18 2.96 -0.31	34.53 2.52 -0.21	35.34 2.48 -1.20	52.30 3.23 -5.45	47.06 3.44 0.00	56.93 4.43 0.00	42.80 3.28 -1.78	46.73 3.69 0.00	47.98 3.42 -2.10	48.18 3.40 -0.11	46.49 2.77 -5.70	32.88 2.13 0.00
PEEKSKILL____ 23653	24.56 1.49 0.00	27.99 1.57 0.00	28.95 1.65 0.00	26.38 1.62 0.00	31.55 1.95 0.00	29.44 1.79 0.00	30.78 1.98 0.00	44.72 2.87 0.00	34.05 2.20 0.00	29.93 1.78 0.00	59.88 2.19 -21.01	36.01 2.21 -0.02	41.46 2.40 -1.15	34.05 2.05 -0.20	35.29 2.01 -1.61	64.27 2.46 -18.20	46.27 2.65 0.00	55.93 3.43 0.00	42.01 2.53 -1.74	45.88 2.84 0.00	47.13 2.61 -2.05	47.36 2.57 -0.11	45.70 2.11 -5.57	32.37 1.62 0.00
PGE MADISON____WINDPWR 24146	25.22 2.14 0.00	28.92 2.51 0.00	29.90 2.59 0.00	27.07 2.31 0.00	32.32 2.71 0.00	30.12 2.47 0.00	31.75 2.95 0.00	46.40 4.56 0.00	35.44 3.60 0.00	31.31 3.15 0.00	40.62 3.94 0.00	37.45 3.66 -0.01	41.90 3.98 0.00	35.06 3.18 -0.08	35.57 3.55 -0.35	48.95 5.06 -0.28	48.97 5.35 0.00	59.14 6.64 0.00	42.29 3.95 -0.60	47.53 4.49 0.00	47.50 4.28 -0.77	48.94 3.96 -0.31	43.11 3.01 -2.08	33.12 2.37 0.00
PIERCEFIELD____HYD 23852	26.03 -0.41 -3.36	29.27 -0.27 -3.13	27.29 -0.01 0.00	24.65 -0.11 0.00	29.48 -0.12 0.00	27.59 -0.05 0.00	28.44 -0.36 0.00	41.29 -0.55 0.00	31.35 -0.50 0.00	27.96 -0.19 0.00	36.57 -0.11 0.00	33.50 -0.28 0.00	37.57 -0.35 0.00	31.48 -0.32 -0.01	31.46 -0.24 -0.03	43.38 -0.25 -0.02	43.45 -0.17 0.00	51.82 -0.68 0.00	37.31 -0.48 -0.04	42.44 -0.60 0.00	41.66 -0.85 -0.05	45.39 -0.10 -0.82	38.07 -0.09 -0.14	30.58 -0.17 0.00
PINELAWN_CC_1 323563	49.18 2.41 -23.70	46.30 2.62 -17.25	51.61 2.75 -21.56	46.29 2.61 -18.92	48.57 3.07 -15.89	81.03 2.86 -50.52	87.54 2.95 -55.78	63.10 4.05 -17.20	34.76 2.92 0.00	30.43 2.28 0.00	57.28 2.88 -17.72	36.73 2.86 -0.09	42.56 3.33 -1.31	40.31 2.68 -5.84	35.76 2.55 -1.53	84.68 3.58 -37.49	138.65 3.76 -91.26	188.23 4.74 -130.98	291.48 3.62 -250.12	317.40 4.12 -270.24	116.50 3.86 -70.18	92.60 4.23 -43.70	70.86 3.50 -29.34	81.97 2.79 -48.42
PJM_GEN_HTP_PROXY 323702	24.71 1.63 0.00	28.15 1.74 0.00	29.10 1.80 0.00	26.54 1.78 0.00	31.73 2.12 0.00	29.58 1.93 0.00	30.95 2.15 0.00	45.01 3.16 0.00	34.32 2.47 0.00	30.18 2.02 0.00	57.03 2.48 -17.88	36.30 2.50 -0.02	41.62 2.73 -0.98	34.33 2.33 -0.20	35.52 2.32 -1.53	62.10 2.89 -15.60	46.74 3.12 0.00	56.48 3.97 0.00	42.43 2.94 -1.75	46.33 3.29 0.00	47.53 2.99 -2.07	47.72 2.94 -0.11	46.04 2.40 -5.62	32.58 1.83 0.00
PJM_GEN_KEystone 24065	23.73 0.65 0.00	27.04 0.63 0.00	27.86 0.56 0.00	25.36 0.60 0.00	30.33 0.72 0.00	28.04 0.39 0.00	29.12 0.32 0.00	42.38 0.54 0.00	32.32 0.47 0.00	28.51 0.35 0.00	6.21 0.44 30.90	34.31 0.51 -0.01	36.89 0.66 1.69	32.32 0.39 -0.13	31.68 0.23 0.22	18.51 0.02 25.13	43.73 0.11 0.00	52.84 0.33 0.00	38.95 0.08 -1.12	43.17 0.13 0.00	43.68 -0.10 -1.33	44.36 -0.30 0.01	41.49 -0.14 -3.62	30.88 0.13 0.00
PJM_GEN_NEPTUNE_PROXY 323594	32.48 2.01 -7.39	33.97 2.17 -5.38	36.31 2.28 -6.73	32.85 2.19 -5.91	37.13 2.56 -4.96	45.81 2.39 -15.77	48.83 2.61 -17.42	48.46 3.68 -2.93	34.56 2.71 0.00	30.30 2.14 0.00	57.16 2.76 -17.72	36.61 2.81 -0.02	42.22 3.31 -1.00	35.64 2.75 -1.09	35.74 2.54 -1.53	67.83 3.42 -20.78	62.84 3.53 -15.69	79.36 4.43 -22.42	88.20 3.24 -47.22	94.57 3.66 -47.87	59.56 3.41 -13.69	55.60 3.41 -7.52	50.55 2.87 -9.66	41.26 2.27 -8.24
PJM_GEN_VFT_PROXY 323633	24.59 1.51 0.00	28.01 1.60 0.00	28.97 1.67 0.00	26.41 1.65 0.00	31.58 1.98 0.00	29.45 1.80 0.00	30.81 2.00 0.00	44.77 2.92 0.00	34.14 2.30 0.00	30.02 1.86 0.00	56.02 2.22 -17.11	36.07 2.27 -0.02	41.35 2.46 -0.97	34.14 2.13 -0.20	35.33 2.13 -1.53	61.78 2.59 -15.57	46.49 2.87 0.00	56.19 3.69 0.00	42.22 2.73 -1.75	46.09 3.05 0.00	47.30 2.77 -2.07	47.48 2.70 -0.11	45.84 2.19 -5.62	32.41 1.67 0.00

PLATSBRG_115KV_PMLD1 355749	0.62 -0.82 21.64	5.45 -0.82 20.15	26.87 -0.43 0.00	24.46 -0.30 0.00	29.61 0.00 0.00	28.13 0.48 0.00	29.55 0.75 0.00	42.80 0.95 0.00	32.34 0.49 0.00	28.78 0.62 0.00	37.81 1.13 0.00	34.74 0.96 0.00	38.65 0.74 0.00	31.88 0.08 0.00	31.36 -0.31 0.00	44.26 0.64 0.00	44.36 0.74 0.00	52.71 0.20 0.00	37.50 -0.24 0.00	42.36 -0.68 0.00	41.29 -1.17 0.00	38.56 -0.85 5.27	37.51 -0.51 0.00	30.19 -0.56 0.00
PLEASANTVLY___LBMP 24000	24.50 1.43 0.00	27.95 1.54 0.00	28.90 1.60 0.00	26.31 1.55 0.00	31.48 1.87 0.00	29.35 1.70 0.00	30.67 1.87 0.00	44.60 2.75 0.00	33.95 2.10 0.00	29.87 1.72 0.00	46.44 2.17 -7.59	35.96 2.16 -0.02	40.70 2.37 -0.42	34.01 2.00 -0.21	34.91 1.96 -1.29	53.17 2.45 -7.11	46.16 2.54 0.00	55.78 3.28 0.00	42.02 2.45 -1.83	45.80 2.76 0.00	47.17 2.55 -2.17	47.33 2.55 -0.12	45.99 2.10 -5.88	32.37 1.62 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	24.66 1.58 0.00	28.13 1.71 0.00	29.09 1.79 0.00	26.49 1.73 0.00	31.69 2.08 0.00	29.54 1.89 0.00	30.90 2.10 0.00	44.93 3.08 0.00	34.21 2.36 0.00	30.10 1.94 0.00	52.73 2.42 -13.62	36.21 2.41 -0.02	41.31 2.65 -0.74	34.25 2.24 -0.21	35.29 2.20 -1.42	58.46 2.77 -12.08	46.56 2.94 0.00	56.28 3.78 0.00	42.29 2.79 -1.76	46.18 3.14 0.00	47.43 2.89 -2.09	47.64 2.86 -0.11	46.02 2.34 -5.66	32.55 1.79 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	24.66 1.58 0.00	28.13 1.71 0.00	29.09 1.79 0.00	26.49 1.73 0.00	31.69 2.08 0.00	29.54 1.89 0.00	30.90 2.10 0.00	44.93 3.08 0.00	34.21 2.36 0.00	30.10 1.94 0.00	52.73 2.42 -13.62	36.21 2.41 -0.02	41.31 2.65 -0.74	34.25 2.24 -0.21	35.29 2.20 -1.42	58.46 2.77 -12.08	46.56 2.94 0.00	56.28 3.78 0.00	42.29 2.79 -1.76	46.18 3.14 0.00	47.43 2.89 -2.09	47.64 2.86 -0.11	46.02 2.34 -5.66	32.55 1.79 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	24.73 1.65 0.00	28.19 1.78 0.00	29.15 1.85 0.00	26.53 1.77 0.00	31.75 2.14 0.00	29.63 1.99 0.00	30.99 2.19 0.00	45.09 3.25 0.00	34.29 2.44 0.00	30.17 2.02 0.00	42.42 2.54 -3.20	36.26 2.46 -0.02	40.84 2.75 -0.17	34.32 2.31 -0.21	35.09 2.27 -1.15	49.92 2.87 -3.44	46.65 3.03 0.00	56.38 3.88 0.00	42.45 2.90 -1.81	46.30 3.26 0.00	47.62 3.03 -2.14	47.81 3.02 -0.11	46.29 2.48 -5.79	32.67 1.92 0.00
POLETTI_____ 23519	24.67 1.60 0.00	28.12 1.70 0.00	29.08 1.78 0.00	26.53 1.76 0.00	31.72 2.12 0.00	29.54 1.89 0.00	30.90 2.10 0.00	44.93 3.09 0.00	34.27 2.43 0.00	30.13 1.98 0.00	56.95 2.43 -17.85	36.24 2.44 -0.02	41.55 2.66 -0.98	34.29 2.28 -0.20	35.48 2.28 -1.53	62.08 2.89 -15.58	46.75 3.13 0.00	56.50 4.00 0.00	42.45 2.95 -1.75	46.34 3.30 0.00	47.54 3.01 -2.07	47.72 2.94 -0.11	46.05 2.41 -5.62	32.59 1.84 0.00
POMONA___ESR 323819	24.49 1.41 0.00	27.91 1.50 0.00	28.88 1.58 0.00	26.32 1.56 0.00	31.50 1.89 0.00	29.37 1.72 0.00	30.71 1.91 0.00	44.62 2.77 0.00	33.96 2.11 0.00	29.84 1.68 0.00	10.50 2.05 28.23	35.89 2.10 -0.02	38.64 2.27 1.54	33.94 1.94 -0.20	33.76 1.91 -0.19	23.11 2.25 22.76	46.05 2.43 0.00	55.69 3.19 0.00	41.78 2.35 -1.69	45.67 2.63 0.00	46.88 2.42 -2.00	47.13 2.36 -0.11	45.39 1.94 -5.43	32.24 1.48 0.00
PORT_JEFF_3 23555	50.40 2.66 -24.66	47.27 2.90 -17.96	52.76 3.02 -22.44	47.33 2.87 -19.69	49.51 3.37 -16.54	83.40 3.18 -52.57	90.28 3.43 -58.05	64.61 4.86 -17.91	35.40 3.55 0.00	30.94 2.79 0.00	57.95 3.55 -17.72	37.30 3.48 -0.05	43.16 4.04 -1.20	40.49 3.42 -5.27	36.48 3.28 -1.53	86.45 4.63 -38.21	143.44 4.88 -94.94	194.89 6.10 -136.28	301.73 4.40 -259.58	328.90 5.00 -280.86	120.02 4.62 -72.94	94.37 4.70 -45.00	72.20 3.87 -30.31	84.24 3.10 -50.39
PORT_JEFF_4 23616	50.40 2.66 -24.66	47.27 2.90 -17.96	52.76 3.02 -22.44	47.33 2.87 -19.69	49.51 3.37 -16.54	83.40 3.18 -52.57	90.28 3.43 -58.05	64.61 4.86 -17.91	35.40 3.55 0.00	30.94 2.79 0.00	57.95 3.55 -17.72	37.30 3.48 -0.05	43.16 4.04 -1.20	40.49 3.42 -5.27	36.48 3.28 -1.53	86.45 4.63 -38.21	143.44 4.88 -94.94	194.89 6.10 -136.28	301.73 4.40 -259.58	328.90 5.00 -280.86	120.02 4.62 -72.94	94.37 4.70 -45.00	72.20 3.87 -30.31	84.24 3.10 -50.39
PORT_JEFF_IC 23713	50.40 2.70 -24.62	47.27 2.93 -17.93	52.77 3.06 -22.41	47.33 2.91 -19.66	49.53 3.41 -16.52	83.35 3.22 -52.49	90.25 3.49 -57.96	64.66 4.94 -17.88	35.47 3.62 0.00	31.00 2.84 0.00	58.02 3.61 -17.72	37.36 3.53 -0.05	43.23 4.11 -1.21	40.56 3.47 -5.29	36.53 3.33 -1.53	86.52 4.72 -38.18	143.41 4.99 -94.79	194.83 6.25 -136.07	301.40 4.45 -259.20	328.58 5.10 -280.43	119.94 4.65 -72.83	94.39 4.78 -44.95	72.23 3.95 -30.27	84.20 3.14 -50.31
PPL PILGRIM_ST_GT1 24216	50.24 2.67 -24.50	47.17 2.92 -17.84	52.64 3.04 -22.29	47.20 2.88 -19.56	49.42 3.38 -16.43	83.06 3.19 -52.22	89.84 3.38 -57.66	64.45 4.82 -17.79	35.42 3.57 0.00	30.98 2.82 0.00	58.01 3.61 -17.72	37.36 3.53 -0.06	43.24 4.11 -1.22	40.64 3.46 -5.38	36.52 3.32 -1.53	86.35 4.65 -38.08	142.73 4.79 -94.32	193.76 5.88 -135.38	300.10 4.39 -257.97	327.04 4.95 -279.05	119.57 4.64 -72.47	94.13 4.68 -44.78	72.03 3.86 -30.14	83.89 3.09 -50.05
PPL PILGRIM_ST_GT2 24217	50.24 2.67 -24.50	47.17 2.92 -17.84	52.64 3.04 -22.29	47.20 2.88 -19.56	49.42 3.38 -16.43	83.06 3.19 -52.22	89.84 3.38 -57.66	64.45 4.82 -17.79	35.42 3.57 0.00	30.98 2.82 0.00	58.01 3.61 -17.72	37.36 3.53 -0.06	43.24 4.11 -1.22	40.64 3.46 -5.38	36.52 3.32 -1.53	86.35 4.65 -38.08	142.73 4.79 -94.32	193.76 5.88 -135.38	300.10 4.39 -257.97	327.04 4.95 -279.05	119.57 4.64 -72.47	94.13 4.68 -44.78	72.03 3.86 -30.14	83.89 3.09 -50.05
PPL_SHRM_GT3 24213	50.57 2.85 -24.64	47.44 3.09 -17.94	52.94 3.21 -22.43	47.49 3.06 -19.68	49.72 3.59 -16.53	83.57 3.39 -52.54	90.48 3.67 -58.01	64.97 5.23 -17.89	35.62 3.78 0.00	31.08 2.93 0.00	58.09 3.69 -17.72	37.42 3.59 -0.05	43.28 4.16 -1.21	40.64 3.55 -5.28	36.62 3.42 -1.53	86.73 4.92 -38.19	143.75 5.25 -94.88	195.27 6.57 -136.20	301.99 4.82 -259.43	329.15 5.42 -280.68	120.41 5.05 -72.90	94.73 5.08 -44.98	72.48 4.17 -30.29	84.44 3.33 -50.36
PPL_SHRM_GT4 24214	50.57 2.85 -24.64	47.44 3.09 -17.94	52.94 3.21 -22.43	47.49 3.06 -19.68	49.72 3.59 -16.53	83.57 3.39 -52.54	90.48 3.67 -58.01	64.97 5.23 -17.89	35.62 3.78 0.00	31.08 2.93 0.00	58.09 3.69 -17.72	37.42 3.59 -0.05	43.28 4.16 -1.21	40.64 3.55 -5.28	36.62 3.42 -1.53	86.73 4.92 -38.19	143.75 5.25 -94.88	195.27 6.57 -136.20	301.99 4.82 -259.43	329.15 5.42 -280.68	120.41 5.05 -72.90	94.73 5.08 -44.98	72.48 4.17 -30.29	84.44 3.33 -50.36
PROJECT___ORANGE I 24174	22.88 -0.20 0.00	26.13 -0.29 0.00	26.93 -0.37 0.00	24.44 -0.32 0.00	29.23 -0.38 0.00	27.21 -0.44 0.00	28.36 -0.44 0.00	41.20 -0.65 0.00	31.39 -0.46 0.00	27.75 -0.41 0.00	36.15 -0.53 0.00	33.29 -0.49 0.00	37.38 -0.54 0.00	31.34 -0.50 -0.04	31.35 -0.50 -0.18	42.93 -0.83 -0.14	42.85 -0.77 0.00	51.62 -0.87 0.00	37.34 -0.70 -0.30	42.31 -0.73 0.00	42.27 -0.55 -0.36	43.97 -0.72 -0.02	38.44 -0.54 -0.96	30.42 -0.33 0.00

PROJECT___ORANGE 2 24166	22.88 -0.20 0.00	26.13 -0.29 0.00	26.93 -0.37 0.00	24.44 -0.32 0.00	29.23 -0.38 0.00	27.21 -0.44 0.00	28.36 -0.44 0.00	41.20 -0.65 0.00	31.39 -0.46 0.00	27.75 -0.41 0.00	36.15 -0.53 0.00	33.29 -0.49 0.00	37.38 -0.54 0.00	31.34 -0.50 -0.04	31.35 -0.50 -0.18	42.93 -0.83 -0.14	42.85 -0.77 0.00	51.62 -0.87 0.00	37.34 -0.70 -0.30	42.31 -0.73 0.00	42.27 -0.55 -0.36	43.97 -0.72 -0.02	38.44 -0.54 -0.96	30.42 -0.33 0.00
PUCKETT___SOLAR 323809	23.98 0.90 0.00	27.38 0.96 0.00	28.24 0.93 0.00	25.65 0.89 0.00	30.69 1.08 0.00	28.50 0.85 0.00	29.81 1.01 0.00	43.46 1.61 0.00	33.15 1.30 0.00	29.16 1.00 0.00	37.96 1.28 0.00	34.95 1.17 -0.01	39.02 1.10 0.00	32.86 0.97 -0.09	33.06 1.00 -0.39	45.51 1.59 -0.31	45.33 1.71 0.00	54.79 2.29 0.00	39.64 1.24 -0.66	44.39 1.35 0.00	44.44 1.17 -0.82	45.65 0.90 -0.08	40.91 0.67 -2.22	31.42 0.67 0.00
PYRITES___HYD 24023	26.08 0.01 -3.00	29.41 0.20 -2.79	27.74 0.44 0.00	25.06 0.29 0.00	29.96 0.36 0.00	28.08 0.43 0.00	29.10 0.30 0.00	42.28 0.44 0.00	32.15 0.30 0.00	28.65 0.50 0.00	37.33 0.65 0.00	34.22 0.44 0.00	38.44 0.52 0.00	32.22 0.41 0.00	32.23 0.54 -0.03	44.61 0.98 -0.02	44.67 1.04 0.00	53.32 0.82 0.00	38.39 0.61 -0.04	43.65 0.61 0.00	42.80 0.29 -0.05	46.37 0.97 -0.73	38.87 0.72 -0.13	31.22 0.47 0.00
QUAKERRD_115KV_BK1 80622	22.27 -0.80 0.00	25.39 -1.03 0.00	26.09 -1.21 0.00	23.68 -1.08 0.00	28.26 -1.35 0.00	26.17 -1.48 0.00	27.16 -1.64 0.00	39.57 -2.28 0.00	30.24 -1.61 0.00	26.83 -1.33 0.00	34.94 -1.74 0.00	32.14 -1.65 0.00	36.29 -1.62 0.00	30.34 -1.50 -0.04	30.19 -1.69 -0.21	41.29 -2.49 -0.17	41.26 -2.36 0.00	49.66 -2.84 0.00	35.85 -2.25 -0.35	40.54 -2.51 0.00	40.35 -2.53 -0.42	41.81 -2.79 0.07	36.89 -2.28 -1.14	29.22 -1.54 0.00
QUENSBRY_115KV_TB8 356137	24.27 1.19 0.00	27.61 1.19 0.00	28.52 1.22 0.00	25.91 1.15 0.00	31.06 1.45 0.00	29.13 1.48 0.00	30.85 2.05 0.00	45.00 3.15 0.00	34.15 2.30 0.00	29.81 1.65 0.00	42.76 2.12 -3.96	35.77 1.97 -0.02	40.63 2.50 -0.22	33.77 1.71 -0.26	35.08 2.02 -1.39	50.89 2.86 -4.42	46.83 3.21 0.00	56.27 3.77 0.00	42.68 2.70 -2.24	46.11 3.07 0.00	47.87 2.76 -2.65	47.82 3.00 -0.14	47.49 2.29 -7.18	32.38 1.63 0.00
RAMAPO___LBMP 323565	24.41 1.33 0.00	27.84 1.42 0.00	28.80 1.50 0.00	26.23 1.47 0.00	31.41 1.80 0.00	29.29 1.64 0.00	30.63 1.83 0.00	44.50 2.65 0.00	33.86 2.02 0.00	29.74 1.59 0.00	11.27 1.93 27.34	35.77 1.98 -0.02	38.56 2.14 1.50	33.82 1.83 -0.20	33.67 1.79 -0.21	23.71 2.12 22.02	45.91 2.29 0.00	55.52 3.02 0.00	41.65 2.23 -1.69	45.54 2.50 0.00	46.74 2.29 -1.99	47.00 2.23 -0.11	45.29 1.86 -5.41	32.17 1.41 0.00
RANKINE____ 23646	22.97 -0.10 0.00	26.07 -0.35 0.00	26.61 -0.69 0.00	24.17 -0.59 0.00	28.75 -0.86 0.00	26.34 -1.31 0.00	27.13 -1.67 0.00	39.53 -2.32 0.00	30.30 -1.55 0.00	26.98 -1.18 0.00	35.12 -1.56 0.00	32.32 -1.46 0.00	36.78 -1.14 0.00	30.60 -1.26 -0.05	30.27 -1.65 -0.25	41.28 -2.54 -0.20	41.20 -2.42 0.00	49.52 -2.98 0.00	35.63 -2.53 -0.42	40.24 -2.81 0.00	39.91 -3.04 -0.50	41.19 -3.34 0.14	36.79 -2.58 -1.35	29.40 -1.36 0.00
RAVENSWOOD_GT2_1 24244	24.72 1.64 0.00	28.18 1.76 0.00	29.13 1.83 0.00	26.54 1.78 0.00	31.75 2.14 0.00	29.59 1.95 0.00	30.96 2.16 0.00	45.04 3.19 0.00	34.33 2.48 0.00	30.18 2.03 0.00	56.99 2.51 -17.81	36.31 2.51 -0.02	41.63 2.73 -0.97	34.35 2.34 -0.20	35.53 2.33 -1.53	62.06 2.90 -15.54	46.74 3.12 0.00	56.48 3.98 0.00	42.44 2.95 -1.75	46.35 3.31 0.00	47.54 3.01 -2.07	47.73 2.95 -0.11	46.06 2.42 -5.62	32.60 1.85 0.00
RAVENSWOOD_GT2_2 24245	24.72 1.64 0.00	28.18 1.76 0.00	29.13 1.83 0.00	26.54 1.78 0.00	31.75 2.14 0.00	29.59 1.95 0.00	30.96 2.16 0.00	45.04 3.19 0.00	34.33 2.48 0.00	30.18 2.03 0.00	56.99 2.51 -17.81	36.31 2.51 -0.02	41.63 2.73 -0.97	34.35 2.34 -0.20	35.53 2.33 -1.53	62.06 2.90 -15.54	46.74 3.12 0.00	56.48 3.98 0.00	42.44 2.95 -1.75	46.35 3.31 0.00	47.54 3.01 -2.07	47.73 2.95 -0.11	46.06 2.42 -5.62	32.60 1.85 0.00
RAVENSWOOD_GT2_3 24246	24.72 1.65 0.00	28.19 1.78 0.00	29.15 1.85 0.00	26.55 1.79 0.00	31.76 2.15 0.00	29.60 1.95 0.00	30.98 2.17 0.00	45.06 3.21 0.00	34.35 2.50 0.00	30.20 2.04 0.00	57.00 2.52 -17.81	36.34 2.54 -0.02	41.65 2.77 -0.97	34.37 2.36 -0.20	35.55 2.34 -1.53	62.08 2.92 -15.54	46.76 3.14 0.00	56.51 4.01 0.00	42.46 2.96 -1.75	46.36 3.32 0.00	47.58 3.04 -2.07	47.76 2.97 -0.11	46.09 2.44 -5.62	32.62 1.87 0.00
RAVENSWOOD_GT2_4 24247	24.72 1.65 0.00	28.19 1.78 0.00	29.15 1.85 0.00	26.55 1.79 0.00	31.76 2.15 0.00	29.60 1.95 0.00	30.98 2.17 0.00	45.06 3.21 0.00	34.35 2.50 0.00	30.20 2.04 0.00	57.00 2.52 -17.81	36.34 2.54 -0.02	41.65 2.77 -0.97	34.37 2.36 -0.20	35.55 2.34 -1.53	62.08 2.92 -15.54	46.76 3.14 0.00	56.51 4.01 0.00	42.46 2.96 -1.75	46.36 3.32 0.00	47.58 3.04 -2.07	47.76 2.97 -0.11	46.09 2.44 -5.62	32.62 1.87 0.00
RAVENSWOOD_GT3_1 24248	24.72 1.64 0.00	28.18 1.76 0.00	29.13 1.83 0.00	26.54 1.78 0.00	31.75 2.14 0.00	29.59 1.95 0.00	30.96 2.16 0.00	45.04 3.19 0.00	34.33 2.48 0.00	30.18 2.03 0.00	56.99 2.51 -17.81	36.31 2.51 -0.02	41.63 2.73 -0.97	34.36 2.35 -0.20	35.53 2.33 -1.53	62.06 2.90 -15.54	46.74 3.12 0.00	56.49 3.98 0.00	42.44 2.95 -1.75	46.35 3.31 0.00	47.55 3.01 -2.07	47.73 2.95 -0.11	46.06 2.42 -5.62	32.60 1.85 0.00
RAVENSWOOD_GT3_2 24249	24.72 1.64 0.00	28.18 1.76 0.00	29.13 1.83 0.00	26.54 1.78 0.00	31.75 2.14 0.00	29.59 1.95 0.00	30.96 2.16 0.00	45.04 3.19 0.00	34.33 2.48 0.00	30.18 2.03 0.00	56.99 2.51 -17.81	36.31 2.51 -0.02	41.63 2.73 -0.97	34.36 2.35 -0.20	35.53 2.33 -1.53	62.06 2.90 -15.54	46.74 3.12 0.00	56.49 3.98 0.00	42.44 2.95 -1.75	46.35 3.31 0.00	47.55 3.01 -2.07	47.73 2.95 -0.11	46.06 2.42 -5.62	32.60 1.85 0.00
RAVENSWOOD_GT3_3 24250	24.75 1.67 0.00	28.22 1.80 0.00	29.17 1.87 0.00	26.58 1.82 0.00	31.79 2.18 0.00	29.63 1.98 0.00	31.01 2.21 0.00	45.10 3.26 0.00	34.38 2.53 0.00	30.24 2.08 0.00	57.06 2.58 -17.81	36.38 2.58 -0.02	41.70 2.81 -0.97	34.41 2.40 -0.20	35.59 2.39 -1.53	62.14 2.99 -15.54	46.82 3.20 0.00	56.58 4.08 0.00	42.51 3.02 -1.75	46.42 3.38 0.00	47.62 3.09 -2.07	47.81 3.03 -0.11	46.13 2.49 -5.62	32.65 1.90 0.00
RAVENSWOOD_GT3_4 24251	24.75 1.67 0.00	28.22 1.80 0.00	29.17 1.87 0.00	26.58 1.82 0.00	31.79 2.18 0.00	29.63 1.98 0.00	31.01 2.21 0.00	45.10 3.26 0.00	34.38 2.53 0.00	30.24 2.08 0.00	57.06 2.58 -17.81	36.38 2.58 -0.02	41.70 2.81 -0.97	34.41 2.40 -0.20	35.59 2.39 -1.53	62.14 2.99 -15.54	46.82 3.20 0.00	56.58 4.08 0.00	42.51 3.02 -1.75	46.42 3.38 0.00	47.62 3.09 -2.07	47.81 3.03 -0.11	46.13 2.49 -5.62	32.65 1.90 0.00

RAVENSWOOD_GT_1 23729	24.80 1.73 0.00	28.28 1.87 0.00	29.23 1.93 0.00	26.62 1.86 0.00	31.82 2.21 0.00	29.67 2.03 0.00	31.07 2.27 0.00	45.22 3.37 0.00	34.47 2.62 0.00	30.30 2.15 0.00	57.15 2.66 -17.81	36.46 2.67 -0.02	41.79 2.90 -0.97	34.49 2.48 -0.20	35.66 2.46 -1.53	62.19 3.03 -15.54	46.90 3.28 0.00	56.66 4.16 0.00	42.59 3.09 -1.75	46.49 3.45 0.00	47.70 3.17 -2.07	47.87 3.09 -0.11	46.18 2.53 -5.62	32.69 1.94 0.00
RAVENSWOOD_GT_10 24258	24.72 1.64 0.00	28.18 1.76 0.00	29.13 1.83 0.00	26.54 1.78 0.00	31.75 2.14 0.00	29.59 1.94 0.00	30.96 2.16 0.00	45.04 3.19 0.00	34.33 2.48 0.00	30.18 2.03 0.00	56.99 2.51 -17.81	36.31 2.51 -0.02	41.63 2.73 -0.97	34.34 2.34 -0.20	35.53 2.33 -1.53	62.06 2.90 -15.54	46.74 3.12 0.00	56.48 3.98 0.00	42.44 2.95 -1.75	46.34 3.30 0.00	47.54 3.01 -2.07	47.73 2.95 -0.11	46.06 2.42 -5.62	32.60 1.85 0.00
RAVENSWOOD_GT_11 24259	24.72 1.64 0.00	28.18 1.76 0.00	29.13 1.83 0.00	26.54 1.78 0.00	31.75 2.14 0.00	29.59 1.94 0.00	30.96 2.16 0.00	45.04 3.19 0.00	34.33 2.48 0.00	30.18 2.03 0.00	56.99 2.51 -17.81	36.31 2.51 -0.02	41.63 2.73 -0.97	34.34 2.34 -0.20	35.53 2.33 -1.53	62.06 2.90 -15.54	46.74 3.12 0.00	56.48 3.98 0.00	42.44 2.95 -1.75	46.34 3.30 0.00	47.54 3.01 -2.07	47.73 2.95 -0.11	46.06 2.42 -5.62	32.60 1.85 0.00
RAVENSWOOD_GT_4 24252	24.71 1.63 0.00	28.17 1.76 0.00	29.13 1.83 0.00	26.54 1.78 0.00	31.75 2.14 0.00	29.59 1.94 0.00	30.96 2.16 0.00	45.03 3.18 0.00	34.32 2.47 0.00	30.18 2.03 0.00	56.98 2.50 -17.81	36.31 2.51 -0.02	41.62 2.73 -0.97	34.34 2.33 -0.20	35.52 2.32 -1.53	62.06 2.90 -15.54	46.74 3.12 0.00	56.48 3.98 0.00	42.44 2.94 -1.75	46.34 3.30 0.00	47.54 3.01 -2.07	47.73 2.95 -0.11	46.06 2.42 -5.62	32.60 1.85 0.00
RAVENSWOOD_GT_5 24254	24.71 1.63 0.00	28.17 1.76 0.00	29.13 1.83 0.00	26.54 1.78 0.00	31.75 2.14 0.00	29.59 1.94 0.00	30.96 2.16 0.00	45.03 3.18 0.00	34.32 2.47 0.00	30.18 2.03 0.00	56.98 2.50 -17.81	36.31 2.51 -0.02	41.62 2.73 -0.97	34.34 2.33 -0.20	35.52 2.32 -1.53	62.06 2.90 -15.54	46.74 3.12 0.00	56.48 3.98 0.00	42.44 2.94 -1.75	46.34 3.30 0.00	47.54 3.01 -2.07	47.73 2.95 -0.11	46.06 2.42 -5.62	32.60 1.85 0.00
RAVENSWOOD_GT_6 24253	24.71 1.63 0.00	28.17 1.76 0.00	29.13 1.83 0.00	26.54 1.78 0.00	31.75 2.14 0.00	29.59 1.94 0.00	30.96 2.16 0.00	45.03 3.18 0.00	34.32 2.47 0.00	30.18 2.03 0.00	56.98 2.50 -17.81	36.31 2.51 -0.02	41.62 2.73 -0.97	34.34 2.33 -0.20	35.52 2.32 -1.53	62.06 2.90 -15.54	46.74 3.12 0.00	56.48 3.98 0.00	42.44 2.94 -1.75	46.34 3.30 0.00	47.54 3.01 -2.07	47.73 2.95 -0.11	46.06 2.42 -5.62	32.60 1.85 0.00
RAVENSWOOD_GT_7 24255	24.71 1.63 0.00	28.17 1.76 0.00	29.13 1.83 0.00	26.54 1.78 0.00	31.75 2.14 0.00	29.59 1.94 0.00	30.96 2.16 0.00	45.03 3.18 0.00	34.32 2.47 0.00	30.18 2.03 0.00	56.98 2.50 -17.81	36.31 2.51 -0.02	41.62 2.73 -0.97	34.34 2.33 -0.20	35.52 2.32 -1.53	62.06 2.90 -15.54	46.74 3.12 0.00	56.48 3.98 0.00	42.44 2.94 -1.75	46.34 3.30 0.00	47.54 3.01 -2.07	47.73 2.95 -0.11	46.06 2.42 -5.62	32.60 1.85 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.72 1.64 0.00	28.18 1.76 0.00	29.13 1.83 0.00	26.54 1.78 0.00	31.75 2.14 0.00	29.59 1.94 0.00	30.96 2.16 0.00	45.04 3.19 0.00	34.33 2.48 0.00	30.18 2.03 0.00	56.99 2.51 -17.81	36.31 2.51 -0.02	41.63 2.73 -0.97	34.34 2.34 -0.20	35.53 2.33 -1.53	62.06 2.90 -15.54	46.74 3.12 0.00	56.48 3.98 0.00	42.44 2.95 -1.75	46.34 3.30 0.00	47.54 3.01 -2.07	47.73 2.95 -0.11	46.06 2.42 -5.62	32.60 1.85 0.00
RAVENSWOOD_GT_9 24257	24.72 1.64 0.00	28.18 1.76 0.00	29.13 1.83 0.00	26.54 1.78 0.00	31.75 2.14 0.00	29.59 1.94 0.00	30.96 2.16 0.00	45.04 3.19 0.00	34.33 2.48 0.00	30.18 2.03 0.00	56.99 2.51 -17.81	36.31 2.51 -0.02	41.63 2.73 -0.97	34.34 2.34 -0.20	35.53 2.33 -1.53	62.06 2.90 -15.54	46.74 3.12 0.00	56.48 3.98 0.00	42.44 2.95 -1.75	46.34 3.30 0.00	47.54 3.01 -2.07	47.73 2.95 -0.11	46.06 2.42 -5.62	32.60 1.85 0.00
RAVENSWOOD___1 23533	24.77 1.70 0.00	28.23 1.81 0.00	29.18 1.88 0.00	26.58 1.82 0.00	31.76 2.15 0.00	29.63 1.98 0.00	31.01 2.21 0.00	45.12 3.27 0.00	34.39 2.54 0.00	30.24 2.08 0.00	57.05 2.56 -17.81	36.38 2.58 -0.02	41.70 2.81 -0.97	34.41 2.40 -0.20	35.58 2.38 -1.53	62.10 2.94 -15.54	46.80 3.18 0.00	56.54 4.04 0.00	42.50 3.01 -1.75	46.40 3.36 0.00	47.60 3.07 -2.07	47.78 2.99 -0.11	46.10 2.46 -5.62	32.63 1.88 0.00
RAVENSWOOD___2 23534	24.77 1.70 0.00	28.23 1.81 0.00	29.18 1.88 0.00	26.58 1.82 0.00	31.76 2.15 0.00	29.63 1.98 0.00	31.01 2.21 0.00	45.12 3.27 0.00	34.39 2.54 0.00	30.24 2.08 0.00	57.05 2.56 -17.81	36.38 2.58 -0.02	41.70 2.81 -0.97	34.41 2.40 -0.20	35.58 2.38 -1.53	62.10 2.94 -15.54	46.80 3.18 0.00	56.54 4.04 0.00	42.50 3.01 -1.75	46.40 3.36 0.00	47.60 3.07 -2.07	47.78 2.99 -0.11	46.10 2.46 -5.62	32.63 1.88 0.00
RAVENSWOOD___3 23535	24.73 1.66 0.00	28.18 1.77 0.00	29.14 1.84 0.00	26.56 1.80 0.00	31.75 2.14 0.00	29.60 1.95 0.00	30.97 2.17 0.00	45.04 3.19 0.00	34.33 2.49 0.00	30.19 2.03 0.00	57.00 2.51 -17.81	36.31 2.51 -0.02	41.63 2.74 -0.97	34.36 2.35 -0.20	35.54 2.33 -1.53	62.06 2.90 -15.54	46.75 3.13 0.00	56.50 4.00 0.00	42.44 2.95 -1.75	46.36 3.31 0.00	47.56 3.03 -2.07	47.75 2.97 -0.11	46.07 2.42 -5.62	32.61 1.86 0.00
RAVENSWOOD___4 23820	24.77 1.70 0.00	28.23 1.81 0.00	29.18 1.88 0.00	26.58 1.82 0.00	31.76 2.15 0.00	29.63 1.98 0.00	31.01 2.21 0.00	45.12 3.27 0.00	34.39 2.54 0.00	30.24 2.08 0.00	57.05 2.56 -17.81	36.38 2.58 -0.02	41.70 2.81 -0.97	34.41 2.40 -0.20	35.58 2.38 -1.53	62.10 2.94 -15.54	46.80 3.18 0.00	56.54 4.04 0.00	42.50 3.01 -1.75	46.40 3.36 0.00	47.60 3.07 -2.07	47.78 2.99 -0.11	46.10 2.46 -5.62	32.63 1.88 0.00
RCPI_TRUST___DRP 24196	24.75 1.67 0.00	28.21 1.80 0.00	29.16 1.86 0.00	26.58 1.82 0.00	31.79 2.19 0.00	29.63 1.98 0.00	31.02 2.21 0.00	45.12 3.27 0.00	34.41 2.56 0.00	30.26 2.11 0.00	57.15 2.59 -17.88	36.41 2.61 -0.02	41.73 2.84 -0.98	34.44 2.43 -0.20	35.62 2.42 -1.53	62.24 3.02 -15.60	46.86 3.24 0.00	56.63 4.13 0.00	42.53 3.03 -1.75	46.45 3.41 0.00	47.63 3.10 -2.07	47.81 3.03 -0.11	46.13 2.49 -5.62	32.65 1.90 0.00
RED___ROCHESTER 323720	22.89 -0.18 0.00	26.08 -0.34 0.00	26.75 -0.55 0.00	24.26 -0.50 0.00	28.96 -0.65 0.00	26.75 -0.90 0.00	27.76 -1.05 0.00	40.51 -1.34 0.00	30.99 -0.86 0.00	27.52 -0.64 0.00	35.82 -0.85 0.00	32.96 -0.82 0.00	37.28 -0.63 0.00	31.13 -0.71 -0.04	30.93 -0.96 -0.22	42.28 -1.50 -0.17	42.25 -1.37 0.00	50.87 -1.63 0.00	36.70 -1.40 -0.36	41.52 -1.52 0.00	41.24 -1.65 -0.43	42.70 -1.89 0.08	37.68 -1.50 -1.16	29.91 -0.84 0.00

REGAN___SOLAR 323812	25.18 2.10 0.00	28.87 2.46 0.00	29.74 2.44 0.00	26.96 2.20 0.00	32.37 2.76 0.00	30.32 2.67 0.00	31.80 2.99 0.00	46.37 4.52 0.00	35.00 3.15 0.00	30.56 2.40 0.00	41.86 2.43 -2.76	35.76 1.95 -0.02	40.67 2.60 -0.15	34.91 2.85 -0.26	35.55 2.47 -1.40	51.59 3.66 -4.31	47.96 4.34 0.00	58.09 5.59 0.00	44.45 4.13 -2.58	47.74 4.70 0.00	49.98 4.47 -3.05	49.33 4.50 -0.16	49.81 3.52 -8.27	33.45 2.70 0.00
RENSSELAER___COGEN 23796	24.09 1.01 0.00	27.48 1.07 0.00	28.39 1.09 0.00	25.80 1.04 0.00	30.85 1.25 0.00	28.73 1.09 0.00	29.80 1.00 0.00	43.29 1.44 0.00	32.93 1.08 0.00	29.01 0.85 0.00	42.16 1.38 -4.10	35.16 1.36 -0.02	39.56 1.43 -0.22	33.24 1.19 -0.25	34.25 1.20 -1.37	49.61 1.54 -4.45	44.98 1.36 0.00	54.28 1.78 0.00	41.28 1.36 -2.17	44.59 1.55 0.00	46.71 1.68 -2.57	46.50 1.69 -0.14	46.31 1.31 -6.98	31.75 1.00 0.00
REPUBLIC_115KV_BARTNBRK 55605	24.86 1.78 0.00	28.13 1.71 0.00	29.19 1.89 0.00	26.47 1.71 0.00	31.76 2.15 0.00	30.00 2.35 0.00	32.06 3.26 0.00	46.64 4.80 0.00	35.38 3.53 0.00	30.66 2.51 0.00	43.64 3.00 -3.96	36.59 2.79 -0.02	41.54 3.41 -0.22	34.54 2.49 -0.26	36.17 3.11 -1.39	52.51 4.47 -4.42	48.74 5.11 0.00	58.18 5.68 0.00	43.85 3.87 -2.24	47.51 4.47 0.00	48.96 3.86 -2.65	48.63 3.82 -0.14	48.31 3.11 -7.18	33.18 2.43 0.00
REVERE_CPPR_DRP 24186	23.93 0.86 0.00	27.44 1.02 0.00	28.40 1.10 0.00	25.74 0.98 0.00	30.79 1.18 0.00	28.83 1.18 0.00	30.16 1.36 0.00	43.89 2.04 0.00	33.39 1.54 0.00	29.40 1.24 0.00	38.19 1.51 0.00	35.04 1.26 0.00	39.32 1.41 0.00	33.07 1.25 -0.02	33.05 1.29 -0.09	45.47 1.78 -0.07	45.61 1.99 0.00	54.92 2.42 0.00	39.49 1.60 -0.15	44.72 1.68 0.00	44.16 1.52 -0.19	45.98 1.30 -0.01	39.51 0.99 -0.50	31.52 0.76 0.00
REYNOLDS_115KV_TB3 80639	24.26 1.18 0.00	27.68 1.26 0.00	28.58 1.28 0.00	25.97 1.21 0.00	31.07 1.46 0.00	28.94 1.29 0.00	30.09 1.29 0.00	43.72 1.88 0.00	33.28 1.43 0.00	29.31 1.15 0.00	42.59 1.73 -4.19	35.49 1.69 -0.02	39.92 1.78 -0.23	33.53 1.48 -0.25	34.55 1.50 -1.38	50.08 1.94 -4.53	45.45 1.83 0.00	54.82 2.32 0.00	41.65 1.73 -2.18	45.03 1.99 0.00	47.08 2.05 -2.58	46.91 2.10 -0.14	46.67 1.66 -6.98	32.03 1.28 0.00
RIVERBAY____ 323610	24.87 1.79 0.00	28.34 1.92 0.00	29.30 2.00 0.00	26.58 1.81 0.00	31.81 2.20 0.00	29.66 2.01 0.00	31.15 2.35 0.00	45.48 3.63 0.00	34.60 2.75 0.00	30.39 2.23 0.00	57.24 2.75 -17.81	36.53 2.73 -0.02	41.87 2.98 -0.97	34.54 2.54 -0.20	35.70 2.50 -1.53	62.29 3.13 -15.54	47.08 3.46 0.00	56.82 4.32 0.00	42.74 3.24 -1.75	46.67 3.63 0.00	47.82 3.29 -2.07	47.95 3.17 -0.11	46.29 2.65 -5.62	32.78 2.03 0.00
RIVERSDE_115KV_TB3 55908	24.20 1.13 0.00	27.61 1.19 0.00	28.51 1.20 0.00	25.91 1.15 0.00	30.99 1.38 0.00	28.87 1.22 0.00	29.99 1.19 0.00	43.58 1.74 0.00	33.16 1.31 0.00	29.22 1.07 0.00	42.45 1.64 -4.14	35.41 1.61 -0.02	39.83 1.69 -0.23	33.45 1.40 -0.25	34.47 1.42 -1.38	49.95 1.84 -4.50	45.31 1.69 0.00	54.66 2.16 0.00	41.55 1.63 -2.18	44.90 1.86 0.00	46.99 1.95 -2.58	46.80 1.99 -0.14	46.58 1.56 -7.00	31.94 1.19 0.00
ROARING___BROOK_WT_PWR 323790	22.67 -0.41 0.00	26.12 -0.30 0.00	27.14 -0.16 0.00	24.48 -0.28 0.00	29.22 -0.39 0.00	27.44 -0.20 0.00	28.59 -0.21 0.00	41.50 -0.34 0.00	31.40 -0.45 0.00	27.62 -0.53 0.00	35.95 -0.73 0.00	32.85 -0.93 0.00	37.04 -0.87 0.00	31.17 -0.63 0.00	31.14 -0.53 0.00	43.10 -0.51 0.00	43.07 -0.55 0.00	51.50 -1.00 0.00	36.84 -0.90 0.00	41.94 -1.10 0.00	41.29 -1.17 0.00	43.60 -1.07 0.00	37.02 -1.00 0.00	29.82 -0.93 0.00
ROCHESRG_115KV_T4 355643	22.67 -0.40 0.00	25.80 -0.62 0.00	26.48 -0.82 0.00	24.05 -0.71 0.00	28.66 -0.95 0.00	26.47 -1.18 0.00	27.42 -1.38 0.00	39.97 -1.88 0.00	30.58 -1.27 0.00	27.15 -1.01 0.00	35.35 -1.33 0.00	32.53 -1.26 0.00	36.80 -1.12 0.00	30.72 -1.13 -0.04	30.51 -1.37 -0.21	41.70 -2.08 -0.17	41.67 -1.95 0.00	50.13 -2.37 0.00	36.17 -1.93 -0.36	40.92 -2.12 0.00	40.69 -2.19 -0.43	42.16 -2.43 0.08	37.24 -1.94 -1.16	29.58 -1.17 0.00
ROCHESTER_9_IC 23652	22.81 -0.27 0.00	25.95 -0.46 0.00	26.63 -0.67 0.00	24.18 -0.57 0.00	28.83 -0.77 0.00	26.64 -1.01 0.00	27.61 -1.19 0.00	40.26 -1.58 0.00	30.81 -1.04 0.00	27.35 -0.80 0.00	35.61 -1.06 0.00	32.77 -1.01 0.00	37.08 -0.84 0.00	30.95 -0.89 -0.04	30.74 -1.14 -0.22	42.02 -1.77 -0.17	41.99 -1.63 0.00	50.55 -1.95 0.00	36.45 -1.65 -0.36	41.24 -1.80 0.00	40.99 -1.89 -0.43	42.46 -2.13 0.08	37.48 -1.70 -1.16	29.77 -0.98 0.00
ROCKVIEW_13_KV_LD 356306	24.74 1.67 0.00	28.20 1.79 0.00	29.16 1.86 0.00	26.56 1.80 0.00	31.77 2.16 0.00	29.63 1.98 0.00	31.01 2.21 0.00	45.10 3.25 0.00	34.34 2.49 0.00	30.20 2.04 0.00	57.08 2.55 -17.86	36.34 2.54 -0.02	41.67 2.78 -0.98	34.37 2.36 -0.20	35.53 2.33 -1.53	62.12 2.92 -15.59	46.72 3.10 0.00	56.49 3.98 0.00	42.44 2.94 -1.75	46.35 3.31 0.00	47.59 3.05 -2.07	47.78 3.00 -0.11	46.10 2.46 -5.62	32.64 1.89 0.00
ROME____115KV_TB2 80656	23.93 0.86 0.00	27.44 1.02 0.00	28.40 1.10 0.00	25.74 0.98 0.00	30.79 1.18 0.00	28.83 1.18 0.00	30.16 1.36 0.00	43.89 2.04 0.00	33.39 1.54 0.00	29.40 1.24 0.00	38.19 1.51 0.00	35.04 1.26 0.00	39.32 1.41 0.00	33.07 1.25 -0.02	33.05 1.29 -0.09	45.47 1.78 -0.07	45.61 1.99 0.00	54.92 2.42 0.00	39.49 1.60 -0.15	44.72 1.68 0.00	44.16 1.52 -0.19	45.98 1.30 -0.01	39.51 0.99 -0.50	31.52 0.76 0.00
ROSETON___1 23587	24.47 1.40 0.00	27.91 1.49 0.00	28.85 1.55 0.00	26.28 1.52 0.00	31.43 1.83 0.00	29.32 1.67 0.00	30.64 1.84 0.00	44.52 2.68 0.00	33.90 2.05 0.00	29.82 1.66 0.00	38.75 2.08 0.00	35.87 2.07 -0.02	40.19 2.28 0.00	33.93 1.93 -0.20	34.57 1.89 -1.02	46.74 2.32 -0.81	46.08 2.46 0.00	55.68 3.17 0.00	41.84 2.36 -1.73	45.71 2.66 0.00	46.96 2.45 -2.05	47.21 2.43 -0.11	45.58 2.00 -5.57	32.29 1.55 0.00
ROSETON___2 23588	24.47 1.40 0.00	27.91 1.49 0.00	28.85 1.55 0.00	26.28 1.52 0.00	31.43 1.83 0.00	29.32 1.67 0.00	30.64 1.84 0.00	44.52 2.68 0.00	33.90 2.05 0.00	29.82 1.66 0.00	38.75 2.08 0.00	35.87 2.07 -0.02	40.19 2.28 0.00	33.93 1.93 -0.20	34.57 1.89 -1.02	46.74 2.32 -0.81	46.08 2.46 0.00	55.68 3.17 0.00	41.84 2.36 -1.73	45.71 2.66 0.00	46.96 2.45 -2.05	47.21 2.43 -0.11	45.58 2.00 -5.57	32.29 1.55 0.00
ROTTDRAM_115KV_TB3 80664	24.17 1.09 0.00	27.59 1.17 0.00	28.50 1.20 0.00	25.89 1.13 0.00	30.99 1.38 0.00	28.91 1.26 0.00	30.23 1.42 0.00	43.99 2.15 0.00	33.44 1.59 0.00	29.47 1.31 0.00	42.15 1.74 -3.73	35.44 1.64 -0.02	39.95 1.83 -0.20	33.59 1.53 -0.26	34.60 1.53 -1.40	49.98 2.06 -4.31	45.74 2.12 0.00	55.14 2.64 0.00	41.99 1.97 -2.28	45.27 2.23 0.00	47.30 2.14 -2.70	47.01 2.20 -0.14	47.10 1.75 -7.32	32.07 1.32 0.00

RUSSELL___1 23602	22.91 -0.16 0.00	26.08 -0.34 0.00	26.75 -0.55 0.00	24.30 -0.47 0.00	28.96 -0.64 0.00	26.77 -0.88 0.00	27.76 -1.04 0.00	40.50 -1.34 0.00	30.99 -0.86 0.00	27.52 -0.64 0.00	35.82 -0.85 0.00	32.97 -0.82 0.00	37.29 -0.63 0.00	31.14 -0.71 -0.04	30.92 -0.96 -0.22	42.28 -1.51 -0.17	42.26 -1.37 0.00	50.88 -1.62 0.00	36.70 -1.40 -0.36	41.52 -1.52 0.00	41.25 -1.63 -0.43	42.71 -1.88 0.08	37.69 -1.49 -1.16	29.92 -0.83 0.00
RUSSELL___2 23532	22.91 -0.16 0.00	26.08 -0.34 0.00	26.75 -0.55 0.00	24.30 -0.47 0.00	28.96 -0.64 0.00	26.77 -0.88 0.00	27.76 -1.04 0.00	40.50 -1.34 0.00	30.99 -0.86 0.00	27.52 -0.64 0.00	35.82 -0.85 0.00	32.97 -0.82 0.00	37.29 -0.63 0.00	31.14 -0.71 -0.04	30.92 -0.96 -0.22	42.28 -1.51 -0.17	42.26 -1.37 0.00	50.88 -1.62 0.00	36.70 -1.40 -0.36	41.52 -1.52 0.00	41.25 -1.63 -0.43	42.71 -1.88 0.08	37.69 -1.49 -1.16	29.92 -0.83 0.00
RUSSELL___3 23549	22.91 -0.16 0.00	26.08 -0.34 0.00	26.75 -0.55 0.00	24.30 -0.47 0.00	28.96 -0.64 0.00	26.77 -0.88 0.00	27.76 -1.04 0.00	40.50 -1.34 0.00	30.99 -0.86 0.00	27.52 -0.64 0.00	35.82 -0.85 0.00	32.97 -0.82 0.00	37.29 -0.63 0.00	31.14 -0.71 -0.04	30.92 -0.96 -0.22	42.28 -1.51 -0.17	42.26 -1.37 0.00	50.88 -1.62 0.00	36.70 -1.40 -0.36	41.52 -1.52 0.00	41.25 -1.63 -0.43	42.71 -1.88 0.08	37.69 -1.49 -1.16	29.92 -0.83 0.00
RUSSELL___4 23556	22.91 -0.16 0.00	26.08 -0.34 0.00	26.75 -0.55 0.00	24.30 -0.47 0.00	28.96 -0.64 0.00	26.77 -0.88 0.00	27.76 -1.04 0.00	40.50 -1.34 0.00	30.99 -0.86 0.00	27.52 -0.64 0.00	35.82 -0.85 0.00	32.97 -0.82 0.00	37.29 -0.63 0.00	31.14 -0.71 -0.04	30.92 -0.96 -0.22	42.28 -1.51 -0.17	42.26 -1.37 0.00	50.88 -1.62 0.00	36.70 -1.40 -0.36	41.52 -1.52 0.00	41.25 -1.63 -0.43	42.71 -1.88 0.08	37.69 -1.49 -1.16	29.92 -0.83 0.00
RUSSELL___STATION 23914	22.91 -0.16 0.00	26.08 -0.34 0.00	26.75 -0.55 0.00	24.30 -0.47 0.00	28.96 -0.64 0.00	26.77 -0.88 0.00	27.76 -1.04 0.00	40.50 -1.34 0.00	30.99 -0.86 0.00	27.52 -0.64 0.00	35.82 -0.85 0.00	32.97 -0.82 0.00	37.29 -0.63 0.00	31.14 -0.71 -0.04	30.92 -0.96 -0.22	42.28 -1.51 -0.17	42.26 -1.37 0.00	50.88 -1.62 0.00	36.70 -1.40 -0.36	41.52 -1.52 0.00	41.25 -1.63 -0.43	42.71 -1.88 0.08	37.69 -1.49 -1.16	29.92 -0.83 0.00
S SALMON___HYD 24043	22.53 -0.55 0.00	25.80 -0.61 0.00	26.72 -0.59 0.00	24.22 -0.54 0.00	28.96 -0.64 0.00	27.05 -0.60 0.00	28.26 -0.54 0.00	41.06 -0.78 0.00	31.20 -0.65 0.00	27.44 -0.72 0.00	35.65 -1.03 0.00	32.75 -1.03 0.00	36.72 -1.20 0.00	30.86 -0.97 -0.03	30.93 -0.90 -0.15	42.47 -1.27 -0.12	42.55 -1.07 0.00	51.26 -1.24 0.00	36.91 -1.09 -0.26	41.72 -1.32 0.00	41.51 -1.26 -0.31	43.18 -1.51 -0.02	37.57 -1.29 -0.83	29.75 -1.00 0.00
S.PERRY___115KV_TB1 80734	23.76 0.69 0.00	26.94 0.52 0.00	27.54 0.23 0.00	24.96 0.20 0.00	29.77 0.17 0.00	27.53 -0.12 0.00	28.59 -0.21 0.00	41.73 -0.12 0.00	31.84 0.00 0.00	28.24 0.09 0.00	36.72 0.04 0.00	33.78 0.00 0.00	38.25 0.33 0.00	31.85 0.00 -0.05	31.71 -0.22 -0.26	43.49 -0.34 -0.21	43.61 -0.01 0.00	52.47 -0.03 0.00	37.77 -0.40 -0.43	42.47 -0.57 0.00	42.10 -0.88 -0.52	43.21 -1.20 0.27	38.52 -0.91 -1.41	30.41 -0.34 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.60 -0.48 0.00	25.63 -0.78 0.00	26.19 -1.11 0.00	23.78 -0.98 0.00	28.27 -1.34 0.00	25.88 -1.77 0.00	26.61 -2.19 0.00	38.77 -3.08 0.00	29.75 -2.10 0.00	26.49 -1.66 0.00	34.46 -2.22 0.00	31.73 -2.06 0.00	36.13 -1.79 0.00	30.06 -1.79 -0.05	29.71 -2.20 -0.24	40.48 -3.34 -0.20	40.39 -3.22 0.00	48.53 -3.97 0.00	34.92 -3.23 -0.41	39.49 -3.56 0.00	39.20 -3.75 -0.49	40.52 -4.02 0.14	36.19 -3.16 -1.33	28.95 -1.80 0.00
SAWYER___23_KV_LOAD 55526	22.60 -0.48 0.00	25.63 -0.78 0.00	26.19 -1.11 0.00	23.78 -0.98 0.00	28.27 -1.34 0.00	25.88 -1.77 0.00	26.61 -2.19 0.00	38.77 -3.08 0.00	29.75 -2.10 0.00	26.49 -1.66 0.00	34.46 -2.22 0.00	31.73 -2.06 0.00	36.13 -1.79 0.00	30.06 -1.79 -0.05	29.71 -2.20 -0.24	40.48 -3.34 -0.20	40.39 -3.22 0.00	48.53 -3.97 0.00	34.92 -3.23 -0.41	39.49 -3.56 0.00	39.20 -3.75 -0.49	40.52 -4.02 0.14	36.19 -3.16 -1.33	28.95 -1.80 0.00
SELKIRK___I 23801	24.26 1.19 0.00	27.70 1.28 0.00	28.61 1.31 0.00	26.01 1.24 0.00	31.10 1.49 0.00	28.98 1.32 0.00	30.10 1.29 0.00	43.69 1.85 0.00	33.21 1.36 0.00	29.27 1.12 0.00	42.08 1.66 -3.74	35.40 1.60 -0.02	39.82 1.70 -0.20	33.49 1.44 -0.25	34.46 1.44 -1.35	49.65 1.92 -4.12	45.42 1.80 0.00	54.78 2.28 0.00	41.63 1.75 -2.15	45.05 2.01 0.00	47.02 2.02 -2.54	46.87 2.06 -0.14	46.56 1.65 -6.88	32.06 1.31 0.00
SELKIRK___II 23799	24.11 1.03 0.00	27.51 1.10 0.00	28.42 1.12 0.00	25.83 1.07 0.00	30.90 1.29 0.00	28.79 1.14 0.00	29.92 1.12 0.00	43.46 1.61 0.00	33.06 1.21 0.00	29.14 0.98 0.00	42.14 1.46 -4.00	35.23 1.43 -0.02	39.66 1.53 -0.22	33.33 1.28 -0.25	34.32 1.28 -1.37	49.62 1.65 -4.36	45.17 1.55 0.00	54.49 1.99 0.00	41.43 1.52 -2.17	44.77 1.73 0.00	46.80 1.78 -2.57	46.61 1.81 -0.14	46.41 1.43 -6.96	31.86 1.11 0.00
SENECA OSWGO___HYD 24041	22.62 -0.45 0.00	25.83 -0.59 0.00	26.64 -0.66 0.00	24.17 -0.60 0.00	28.90 -0.70 0.00	26.93 -0.73 0.00	28.08 -0.72 0.00	40.83 -1.02 0.00	31.08 -0.77 0.00	27.47 -0.69 0.00	35.78 -0.89 0.00	32.95 -0.83 0.00	36.98 -0.93 0.00	31.03 -0.80 -0.03	31.03 -0.81 -0.17	42.55 -1.20 -0.13	42.50 -1.12 0.00	51.17 -1.33 0.00	37.04 -0.98 -0.28	41.97 -1.08 0.00	41.87 -0.93 -0.33	43.61 -1.08 -0.02	38.07 -0.86 -0.91	30.14 -0.61 0.00
SENECA___115KV_TB3 355854	23.02 -0.06 0.00	26.12 -0.30 0.00	26.66 -0.64 0.00	24.22 -0.54 0.00	28.80 -0.81 0.00	26.39 -1.25 0.00	27.18 -1.63 0.00	39.61 -2.23 0.00	30.36 -1.49 0.00	27.04 -1.12 0.00	35.19 -1.49 0.00	32.39 -1.39 0.00	36.86 -1.06 0.00	30.66 -1.19 -0.05	30.34 -1.58 -0.25	41.37 -2.45 -0.20	41.29 -2.33 0.00	49.62 -2.88 0.00	35.70 -2.46 -0.42	40.32 -2.72 0.00	39.99 -2.97 -0.50	41.28 -3.25 0.14	36.87 -2.51 -1.35	29.45 -1.30 0.00
SENECA___ENERGY 23797	23.09 0.01 0.00	26.35 -0.06 0.00	27.11 -0.19 0.00	24.58 -0.18 0.00	29.43 -0.18 0.00	27.32 -0.33 0.00	28.46 -0.34 0.00	41.39 -0.46 0.00	31.62 -0.23 0.00	28.00 -0.16 0.00	36.46 -0.22 0.00	33.41 -0.37 0.00	37.55 -0.36 0.00	31.46 -0.38 -0.05	31.41 -0.48 -0.22	43.06 -0.73 -0.17	43.08 -0.54 0.00	51.93 -0.57 0.00	37.55 -0.55 -0.36	42.34 -0.71 0.00	42.11 -0.78 -0.43	43.59 -1.05 0.04	38.39 -0.81 -1.18	30.29 -0.46 0.00
SHOEMAKER___GT 23640	24.31 1.23 0.00	27.73 1.31 0.00	28.67 1.36 0.00	26.09 1.33 0.00	31.22 1.61 0.00	29.10 1.45 0.00	30.39 1.59 0.00	44.17 2.33 0.00	33.61 1.76 0.00	29.59 1.43 0.00	20.92 1.74 17.50	35.53 1.73 -0.01	38.83 1.87 0.96	33.55 1.57 -0.19	33.71 1.60 -0.44	31.63 1.91 13.89	45.69 2.06 0.00	55.20 2.70 0.00	41.37 2.02 -1.61	45.32 2.27 0.00	46.44 2.09 -1.90	46.84 2.07 -0.10	44.87 1.70 -5.15	32.08 1.33 0.00

SHOEMAKR_138KV_BK 111 55601	24.29 1.21 0.00	27.71 1.29 0.00	28.65 1.35 0.00	26.07 1.31 0.00	31.21 1.60 0.00	29.09 1.44 0.00	30.40 1.59 0.00	44.16 2.32 0.00	33.61 1.76 0.00	29.58 1.42 0.00	21.69 1.73 16.73	35.53 1.74 -0.01	38.87 1.87 0.91	33.56 1.57 -0.19	33.72 1.59 -0.46	32.27 1.91 13.25	45.66 2.04 0.00	55.18 2.69 0.00	41.34 2.00 -1.59	45.29 2.25 0.00	46.41 2.06 -1.89	46.81 2.04 -0.10	44.82 1.68 -5.12	32.05 1.30 0.00
SHOREHAM_IC_1 23715	50.57 2.85 -24.64	47.44 3.09 -17.94	52.94 3.21 -22.43	47.49 3.06 -19.68	49.72 3.59 -16.53	83.57 3.39 -52.54	90.48 3.67 -58.01	64.97 5.23 -17.89	35.62 3.78 0.00	31.08 2.93 0.00	58.09 3.69 -17.72	37.42 3.59 -0.05	43.28 4.16 -1.21	40.64 3.55 -5.28	36.62 3.42 -1.53	86.73 4.92 -38.19	143.75 5.25 -94.88	195.27 6.57 -136.20	301.99 4.82 -259.43	329.15 5.42 -280.68	120.41 5.05 -72.90	94.73 5.08 -44.98	72.48 4.17 -30.29	84.44 3.33 -50.36
SHOREHAM_IC_2 23716	50.57 2.85 -24.64	47.44 3.09 -17.94	52.94 3.21 -22.43	47.49 3.06 -19.68	49.72 3.59 -16.53	83.57 3.39 -52.54	90.48 3.67 -58.01	64.97 5.23 -17.89	35.62 3.78 0.00	31.08 2.93 0.00	58.09 3.69 -17.72	37.42 3.59 -0.05	43.28 4.16 -1.21	40.64 3.55 -5.28	36.62 3.42 -1.53	86.73 4.92 -38.19	143.75 5.25 -94.88	195.27 6.57 -136.20	301.99 4.82 -259.43	329.15 5.42 -280.68	120.41 5.05 -72.90	94.73 5.08 -44.98	72.48 4.17 -30.29	84.44 3.33 -50.36
SISSONVILLE____ 23735	26.03 -0.41 -3.36	29.27 -0.27 -3.13	27.29 -0.01 0.00	24.65 -0.11 0.00	29.48 -0.12 0.00	27.59 -0.05 0.00	28.44 -0.36 0.00	41.29 -0.55 0.00	31.35 -0.50 0.00	27.96 -0.19 0.00	36.57 -0.11 0.00	33.50 -0.28 0.00	37.57 -0.35 0.00	31.48 -0.32 -0.01	31.46 -0.24 -0.03	43.38 -0.25 -0.02	43.45 -0.17 0.00	51.82 -0.68 0.00	37.31 -0.48 -0.04	42.44 -0.60 0.00	41.66 -0.85 -0.05	45.39 -0.10 -0.82	38.07 -0.09 -0.14	30.58 -0.17 0.00
SITHE_IND_GS1 24169	22.29 -0.78 0.00	25.49 -0.93 0.00	26.29 -1.01 0.00	23.85 -0.91 0.00	28.53 -1.08 0.00	26.58 -1.07 0.00	27.69 -1.12 0.00	40.25 -1.60 0.00	30.65 -1.20 0.00	27.09 -1.06 0.00	35.30 -1.38 0.00	32.52 -1.27 0.00	36.49 -1.42 0.00	30.64 -1.19 -0.03	30.62 -1.20 -0.15	41.96 -1.78 -0.12	41.88 -1.74 0.00	50.44 -2.06 0.00	36.48 -1.51 -0.24	41.37 -1.67 0.00	41.28 -1.47 -0.29	43.10 -1.59 -0.02	37.56 -1.25 -0.79	29.83 -0.92 0.00
SITHE_IND_GS2 24170	22.29 -0.78 0.00	25.49 -0.93 0.00	26.29 -1.01 0.00	23.85 -0.91 0.00	28.53 -1.08 0.00	26.58 -1.07 0.00	27.69 -1.12 0.00	40.25 -1.60 0.00	30.65 -1.20 0.00	27.09 -1.06 0.00	35.30 -1.38 0.00	32.52 -1.27 0.00	36.49 -1.42 0.00	30.64 -1.19 -0.03	30.62 -1.20 -0.15	41.96 -1.78 -0.12	41.88 -1.74 0.00	50.44 -2.06 0.00	36.48 -1.51 -0.24	41.37 -1.67 0.00	41.28 -1.47 -0.29	43.10 -1.59 -0.02	37.56 -1.25 -0.79	29.83 -0.92 0.00
SITHE_IND_GS3 24171	22.29 -0.78 0.00	25.49 -0.93 0.00	26.29 -1.01 0.00	23.85 -0.91 0.00	28.53 -1.08 0.00	26.58 -1.07 0.00	27.69 -1.12 0.00	40.25 -1.60 0.00	30.65 -1.20 0.00	27.09 -1.06 0.00	35.30 -1.38 0.00	32.52 -1.27 0.00	36.49 -1.42 0.00	30.64 -1.19 -0.03	30.62 -1.20 -0.15	41.96 -1.78 -0.12	41.88 -1.74 0.00	50.44 -2.06 0.00	36.48 -1.51 -0.24	41.37 -1.67 0.00	41.28 -1.47 -0.29	43.10 -1.59 -0.02	37.56 -1.25 -0.79	29.83 -0.92 0.00
SITHE_IND_GS4 24172	22.29 -0.78 0.00	25.49 -0.93 0.00	26.29 -1.01 0.00	23.85 -0.91 0.00	28.53 -1.08 0.00	26.58 -1.07 0.00	27.69 -1.12 0.00	40.25 -1.60 0.00	30.65 -1.20 0.00	27.09 -1.06 0.00	35.30 -1.38 0.00	32.52 -1.27 0.00	36.49 -1.42 0.00	30.64 -1.19 -0.03	30.62 -1.20 -0.15	41.96 -1.78 -0.12	41.88 -1.74 0.00	50.44 -2.06 0.00	36.48 -1.51 -0.24	41.37 -1.67 0.00	41.28 -1.47 -0.29	43.10 -1.59 -0.02	37.56 -1.25 -0.79	29.83 -0.92 0.00
SITHE____BATAVIA 24024	23.19 0.12 0.00	26.35 -0.07 0.00	26.95 -0.35 0.00	24.44 -0.32 0.00	29.15 -0.46 0.00	26.83 -0.83 0.00	27.76 -1.04 0.00	40.58 -1.26 0.00	31.12 -0.73 0.00	27.69 -0.47 0.00	35.91 -0.77 0.00	33.05 -0.73 0.00	37.37 -0.54 0.00	31.11 -0.74 -0.05	30.91 -0.99 -0.23	42.28 -1.52 -0.18	42.30 -1.32 0.00	50.91 -1.59 0.00	36.64 -1.48 -0.38	41.46 -1.58 0.00	41.07 -1.85 -0.46	42.44 -2.12 0.11	37.62 -1.65 -1.24	30.03 -0.72 0.00
SITHE____INDEPEND 23800	22.30 -0.77 0.00	25.48 -0.93 0.00	26.29 -1.01 0.00	23.86 -0.90 0.00	28.53 -1.08 0.00	26.58 -1.07 0.00	27.69 -1.11 0.00	40.25 -1.60 0.00	30.65 -1.20 0.00	27.09 -1.06 0.00	35.30 -1.38 0.00	32.52 -1.27 0.00	36.49 -1.42 0.00	30.64 -1.19 -0.03	30.62 -1.19 -0.15	41.96 -1.77 -0.12	41.89 -1.73 0.00	50.44 -2.06 0.00	36.48 -1.50 -0.24	41.37 -1.67 0.00	41.28 -1.47 -0.29	43.10 -1.59 -0.02	37.56 -1.25 -0.79	29.83 -0.92 0.00
SITHE____MASSENA 23902	23.50 -0.21 -0.63	26.91 -0.10 -0.59	27.36 0.06 0.00	24.73 -0.03 0.00	29.55 -0.06 0.00	27.68 0.03 0.00	28.63 -0.17 0.00	41.56 -0.29 0.00	31.61 -0.24 0.00	28.21 0.05 0.00	36.76 0.08 0.00	33.75 -0.04 0.00	37.91 0.00 0.00	31.76 -0.04 0.00	31.69 0.02 0.00	43.91 0.30 0.00	44.02 0.40 0.00	52.59 0.09 0.00	37.88 0.14 0.00	43.16 0.12 0.00	42.33 -0.13 0.00	45.14 0.32 -0.15	38.25 0.23 0.00	30.88 0.14 0.00
SITHE____OGDNSBRG 24021	25.42 0.04 -2.30	28.78 0.22 -2.14	27.73 0.43 0.00	25.05 0.29 0.00	29.94 0.33 0.00	28.08 0.43 0.00	29.20 0.40 0.00	42.42 0.57 0.00	32.25 0.40 0.00	28.72 0.57 0.00	37.26 0.58 0.00	34.18 0.40 0.00	38.47 0.56 0.00	32.23 0.43 0.00	32.29 0.60 -0.02	44.88 1.25 -0.02	44.98 1.37 0.00	53.76 1.26 0.00	38.71 0.96 -0.01	43.80 0.76 0.00	42.95 0.45 -0.04	46.26 1.03 -0.56	38.91 0.77 -0.11	31.28 0.53 0.00
SITHE____STERLING 23777	23.80 0.73 0.00	27.25 0.83 0.00	28.16 0.86 0.00	25.53 0.76 0.00	30.53 0.92 0.00	28.54 0.89 0.00	29.84 1.04 0.00	43.41 1.57 0.00	33.05 1.20 0.00	29.14 0.99 0.00	37.90 1.22 0.00	34.81 1.02 0.00	39.06 1.15 0.00	32.81 0.98 -0.02	32.78 1.00 -0.11	45.02 1.32 -0.09	45.13 1.51 0.00	54.32 1.82 0.00	39.12 1.19 -0.18	44.34 1.30 0.00	43.86 1.19 -0.22	45.68 1.00 -0.01	39.39 0.78 -0.59	31.39 0.64 0.00
SLEIGHT__34_KV_TB1 80719	22.83 -0.25 0.00	26.02 -0.40 0.00	26.78 -0.52 0.00	24.29 -0.47 0.00	29.02 -0.59 0.00	26.94 -0.71 0.00	28.03 -0.77 0.00	40.84 -1.01 0.00	31.20 -0.65 0.00	27.65 -0.50 0.00	36.01 -0.67 0.00	33.09 -0.70 0.00	37.28 -0.63 0.00	31.17 -0.67 -0.04	31.08 -0.80 -0.21	42.58 -1.20 -0.17	42.54 -1.08 0.00	51.32 -1.18 0.00	37.02 -1.08 -0.35	41.83 -1.21 0.00	41.59 -1.29 -0.42	43.08 -1.55 0.04	37.93 -1.23 -1.14	29.99 -0.76 0.00
SOUTH CAIRO____GT 23612	25.20 2.13 0.00	28.76 2.34 0.00	29.65 2.35 0.00	26.93 2.17 0.00	32.24 2.63 0.00	30.11 2.46 0.00	31.31 2.51 0.00	45.60 3.75 0.00	34.56 2.71 0.00	30.28 2.12 0.00	42.33 2.78 -2.87	36.30 2.50 -0.02	40.83 2.76 -0.16	34.60 2.57 -0.24	35.26 2.31 -1.28	50.57 3.63 -3.33	47.42 3.80 0.00	57.39 4.89 0.00	43.41 3.60 -2.07	47.12 4.08 0.00	49.00 4.09 -2.45	48.91 4.11 -0.13	47.84 3.18 -6.63	33.25 2.50 0.00

SOUTH HAMPTN___IC 23720	50.99 3.25 -24.66	47.91 3.54 -17.95	53.44 3.70 -22.44	47.95 3.50 -19.69	50.27 4.13 -16.54	84.11 3.89 -52.57	91.08 4.24 -58.04	65.78 6.03 -17.90	36.21 4.36 0.00	31.58 3.42 0.00	58.72 4.32 -17.72	37.98 4.15 -0.05	43.91 4.79 -1.20	41.16 4.09 -5.27	37.18 3.98 -1.53	87.53 5.71 -38.20	144.69 6.14 -94.93	196.45 7.68 -136.27	302.83 5.53 -259.56	330.15 6.28 -280.83	121.25 5.86 -72.94	95.57 5.90 -44.99	73.16 4.83 -30.30	84.99 3.85 -50.38
SOUTHDOW_115KV_TB1 355954	24.09 1.02 0.00	27.32 0.91 0.00	27.84 0.54 0.00	25.31 0.55 0.00	30.22 0.61 0.00	27.68 0.03 0.00	28.68 -0.12 0.00	41.90 0.05 0.00	32.10 0.25 0.00	28.56 0.41 0.00	37.22 0.54 0.00	34.25 0.46 0.00	38.79 0.88 0.00	32.20 0.35 -0.05	31.92 -0.01 -0.26	43.47 -0.36 -0.21	43.37 -0.25 0.00	52.31 -0.19 0.00	37.57 -0.60 -0.43	42.32 -0.73 0.00	41.85 -1.13 -0.52	42.99 -1.53 0.15	38.32 -1.11 -1.40	30.58 -0.17 0.00
SOUTHOLD_69_KV_BK 2 55809	51.30 3.56 -24.66	48.33 3.97 -17.95	53.79 4.05 -22.44	48.32 3.87 -19.69	50.73 4.58 -16.54	84.48 4.27 -52.57	91.50 4.65 -58.04	66.49 6.74 -17.90	36.68 4.83 0.00	31.97 3.82 0.00	59.21 4.80 -17.72	38.41 4.58 -0.05	44.37 5.25 -1.20	41.55 4.48 -5.27	37.61 4.41 -1.53	88.09 6.27 -38.20	145.34 6.79 -94.93	197.27 8.50 -136.26	303.42 6.12 -259.55	330.86 7.00 -280.83	121.89 6.50 -72.94	96.22 6.56 -44.99	73.73 5.41 -30.30	85.45 4.31 -50.38
SOUTHOLD___IC 23719	51.29 3.56 -24.66	48.27 3.90 -17.95	53.79 4.05 -22.44	48.29 3.84 -19.69	50.69 4.54 -16.54	84.49 4.28 -52.57	91.51 4.66 -58.04	66.42 6.67 -17.90	36.68 4.83 0.00	31.97 3.82 0.00	59.21 4.80 -17.72	38.40 4.57 -0.05	44.37 5.25 -1.20	41.56 4.49 -5.27	37.61 4.41 -1.53	88.14 6.32 -38.20	145.37 6.81 -94.93	197.28 8.51 -136.26	303.43 6.14 -259.55	330.85 6.98 -280.83	121.90 6.51 -72.94	96.22 6.56 -44.99	73.69 5.36 -30.30	85.39 4.26 -50.38
SOUTH_FORK_WT_PWR 323839	51.38 3.64 -24.66	48.36 3.99 -17.95	53.89 4.15 -22.44	48.37 3.92 -19.69	50.79 4.64 -16.54	84.59 4.38 -52.57	91.61 4.77 -58.04	66.57 6.82 -17.90	36.79 4.94 0.00	32.06 3.90 0.00	59.30 4.90 -17.72	38.50 4.67 -0.05	44.47 5.36 -1.20	41.65 4.58 -5.27	37.71 4.51 -1.53	88.28 6.46 -38.20	145.51 6.96 -94.93	197.44 8.67 -136.27	303.53 6.24 -259.55	330.99 7.12 -280.83	122.05 6.66 -72.94	96.38 6.71 -44.99	73.82 5.49 -30.30	85.51 4.37 -50.38
SPIERFLS_115KV_TB 1 80737	23.99 0.91 0.00	27.31 0.90 0.00	28.23 0.93 0.00	25.64 0.88 0.00	30.73 1.12 0.00	28.78 1.13 0.00	30.41 1.61 0.00	44.36 2.52 0.00	33.68 1.83 0.00	29.45 1.29 0.00	42.29 1.66 -3.95	35.34 1.54 -0.02	40.17 2.04 -0.22	33.38 1.32 -0.26	34.64 1.58 -1.39	50.27 2.24 -4.42	46.15 2.53 0.00	55.56 3.06 0.00	42.19 2.21 -2.24	45.56 2.52 0.00	47.38 2.27 -2.65	47.34 2.53 -0.14	47.08 1.87 -7.19	32.00 1.25 0.00
ST LAWRENCE___ 23600	22.63 -0.45 0.00	26.02 -0.39 0.00	26.96 -0.34 0.00	24.37 -0.39 0.00	29.12 -0.49 0.00	27.36 -0.29 0.00	28.41 -0.39 0.00	41.24 -0.60 0.00	31.38 -0.47 0.00	27.91 -0.24 0.00	36.37 -0.32 0.00	33.40 -0.38 0.00	37.54 -0.38 0.00	31.45 -0.35 0.00	31.30 -0.37 0.00	43.45 -0.17 0.00	43.44 -0.18 0.00	52.05 -0.45 0.00	37.40 -0.34 0.00	42.64 -0.40 0.00	41.95 -0.51 0.00	44.38 -0.28 0.00	37.76 -0.26 0.00	30.48 -0.27 0.00
STATE_CA_115KV_115_LB 55624	24.21 1.13 0.00	27.62 1.20 0.00	28.52 1.22 0.00	25.92 1.16 0.00	31.01 1.40 0.00	28.89 1.24 0.00	30.01 1.21 0.00	43.63 1.79 0.00	33.19 1.34 0.00	29.25 1.10 0.00	42.52 1.73 -4.12	35.48 1.68 -0.02	39.90 1.76 -0.22	33.50 1.46 -0.25	34.54 1.49 -1.38	50.04 1.94 -4.48	45.37 1.75 0.00	54.78 2.28 0.00	41.63 2.21 -2.18	44.99 2.52 0.00	47.10 2.07 -2.58	46.87 2.07 -0.14	46.63 1.61 -7.00	31.97 1.21 0.00
STATE_ST_34_KV_LOAD 55959	23.24 0.17 0.00	26.64 0.22 0.00	27.47 0.17 0.00	24.89 0.13 0.00	29.79 0.19 0.00	27.74 0.09 0.00	28.82 0.02 0.00	41.99 0.14 0.00	32.06 0.21 0.00	28.38 0.23 0.00	36.89 0.21 0.00	33.90 0.11 0.00	37.90 -0.02 0.00	31.84 -0.01 -0.05	31.82 -0.06 -0.22	43.71 -0.08 -0.17	43.59 -0.04 0.00	52.78 0.27 0.00	38.15 0.05 -0.36	43.07 0.03 0.00	42.82 -0.07 -0.43	44.46 -0.27 -0.07	39.08 -0.10 -1.17	30.75 0.00 0.00
STATION 5_MISC_HYD 23604	22.78 -0.30 0.00	25.95 -0.47 0.00	26.63 -0.67 0.00	24.15 -0.61 0.00	28.83 -0.77 0.00	26.62 -1.03 0.00	27.60 -1.20 0.00	40.26 -1.58 0.00	30.81 -1.04 0.00	27.35 -0.80 0.00	35.62 -1.06 0.00	32.77 -1.01 0.00	37.07 -0.84 0.00	30.95 -0.89 -0.04	30.74 -1.14 -0.22	42.03 -1.76 -0.17	41.99 -1.64 0.00	50.52 -1.98 0.00	36.45 -1.65 -0.36	41.24 -1.80 0.00	40.97 -1.91 -0.43	42.44 -2.15 0.08	37.48 -1.70 -1.16	29.76 -0.99 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	23.13 0.05 0.00	26.37 -0.05 0.00	27.10 -0.20 0.00	24.60 -0.16 0.00	29.40 -0.21 0.00	27.26 -0.39 0.00	28.37 -0.43 0.00	41.27 -0.57 0.00	31.55 -0.30 0.00	27.97 -0.19 0.00	36.40 -0.27 0.00	33.42 -0.36 0.00	37.72 -0.19 0.00	31.55 -0.30 -0.04	31.43 -0.46 -0.21	43.03 -0.76 -0.17	43.04 -0.58 0.00	51.83 -0.67 0.00	37.41 -0.68 -0.36	42.26 -0.78 0.00	42.01 -0.87 -0.43	43.45 -1.13 0.09	38.27 -0.91 -1.15	30.30 -0.45 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.69 -0.39 0.00	25.83 -0.59 0.00	26.52 -0.78 0.00	24.07 -0.69 0.00	28.71 -0.89 0.00	26.55 -1.10 0.00	27.55 -1.26 0.00	40.17 -1.68 0.00	30.73 -1.12 0.00	27.28 -0.88 0.00	35.52 -1.16 0.00	32.68 -1.11 0.00	36.95 -0.96 0.00	30.87 -0.97 -0.04	30.67 -1.21 -0.21	41.95 -1.84 -0.17	41.90 -1.72 0.00	50.46 -2.05 0.00	36.39 -1.70 -0.36	41.16 -1.88 0.00	40.93 -1.95 -0.43	42.38 -2.21 0.08	37.41 -1.77 -1.16	29.67 -1.08 0.00
STA_56___34_KV_BUS2 355983	22.69 -0.39 0.00	25.83 -0.59 0.00	26.52 -0.78 0.00	24.07 -0.69 0.00	28.71 -0.89 0.00	26.55 -1.10 0.00	27.55 -1.26 0.00	40.17 -1.68 0.00	30.73 -1.12 0.00	27.28 -0.88 0.00	35.52 -1.16 0.00	32.68 -1.11 0.00	36.95 -0.96 0.00	30.87 -0.97 -0.04	30.67 -1.21 -0.21	41.95 -1.84 -0.17	41.90 -1.72 0.00	50.46 -2.05 0.00	36.39 -1.70 -0.36	41.16 -1.88 0.00	40.93 -1.95 -0.43	42.38 -2.21 0.08	37.41 -1.77 -1.16	29.67 -1.08 0.00
STA_67___115KV_BK2 355882	22.75 -0.32 0.00	25.89 -0.52 0.00	26.58 -0.72 0.00	24.14 -0.63 0.00	28.76 -0.85 0.00	26.58 -1.08 0.00	27.54 -1.26 0.00	40.15 -1.70 0.00	30.73 -1.12 0.00	27.28 -0.88 0.00	35.52 -1.16 0.00	32.68 -1.11 0.00	36.97 -0.94 0.00	30.87 -0.98 -0.04	30.65 -1.23 -0.21	41.90 -1.89 -0.17	41.87 -1.75 0.00	50.39 -2.11 0.00	36.34 -1.76 -0.36	41.12 -1.92 0.00	40.88 -2.01 -0.43	42.34 -2.25 0.08	37.39 -1.79 -1.16	29.70 -1.05 0.00
STA_7___115KV_9TRANS 80674	22.91 -0.16 0.00	26.08 -0.34 0.00	26.75 -0.55 0.00	24.30 -0.47 0.00	28.96 -0.64 0.00	26.77 -0.88 0.00	27.76 -1.04 0.00	40.50 -1.34 0.00	30.99 -0.86 0.00	27.52 -0.64 0.00	35.82 -0.85 0.00	32.97 -0.82 0.00	37.29 -0.63 0.00	31.14 -0.71 -0.04	30.92 -0.96 -0.22	42.28 -1.51 -0.17	42.26 -1.37 0.00	50.88 -1.62 0.00	36.70 -1.40 -0.36	41.52 -1.52 0.00	41.25 -1.63 -0.43	42.71 -1.88 0.08	37.69 -1.49 -1.16	29.92 -0.83 0.00

STA_82___115KV_TB1 80780	22.77 -0.30 0.00	25.92 -0.50 0.00	26.59 -0.71 0.00	24.15 -0.61 0.00	28.79 -0.82 0.00	26.59 -1.06 0.00	27.56 -1.24 0.00	40.18 -1.66 0.00	30.75 -1.10 0.00	27.30 -0.86 0.00	35.54 -1.14 0.00	32.70 -1.08 0.00	37.00 -0.91 0.00	30.89 -0.96 -0.04	30.68 -1.21 -0.22	41.93 -1.85 -0.17	41.90 -1.72 0.00	50.44 -2.07 0.00	36.37 -1.73 -0.36	41.16 -1.89 0.00	40.91 -1.98 -0.43	42.38 -2.21 0.08	37.42 -1.76 -1.16	29.72 -1.03 0.00
STEEL___WIND 323596	22.93 -0.14 0.00	26.07 -0.35 0.00	26.59 -0.71 0.00	24.12 -0.65 0.00	28.74 -0.87 0.00	26.33 -1.32 0.00	27.12 -1.69 0.00	39.54 -2.31 0.00	30.31 -1.54 0.00	26.98 -1.17 0.00	35.13 -1.55 0.00	32.32 -1.47 0.00	36.78 -1.14 0.00	30.60 -1.26 -0.05	30.29 -1.63 -0.25	41.30 -2.51 -0.20	41.20 -2.43 0.00	49.48 -3.02 0.00	35.63 -2.53 -0.42	40.23 -2.81 0.00	39.89 -3.07 -0.50	41.16 -3.37 0.14	36.78 -2.59 -1.35	29.37 -1.38 0.00
STEPHTWN_115KV_BK_2 55603	24.35 1.27 0.00	27.79 1.37 0.00	28.67 1.37 0.00	26.10 1.34 0.00	31.25 1.65 0.00	29.11 1.46 0.00	30.29 1.49 0.00	44.01 2.17 0.00	33.47 1.62 0.00	29.46 1.30 0.00	42.66 1.88 -4.10	35.55 1.75 -0.02	40.13 2.00 -0.22	33.64 1.59 -0.25	34.71 1.67 -1.37	50.31 2.24 -4.45	45.66 2.04 0.00	55.22 2.72 0.00	41.98 2.07 -2.17	45.42 2.37 0.00	47.39 2.36 -2.57	47.23 2.42 -0.14	46.85 1.85 -6.98	32.14 1.39 0.00
STEBEN_REC_LFGE 323667	23.34 0.27 0.00	26.40 -0.01 0.00	26.84 -0.46 0.00	24.21 -0.55 0.00	28.94 -0.67 0.00	26.69 -0.96 0.00	27.62 -1.18 0.00	40.04 -1.81 0.00	30.53 -1.32 0.00	27.12 -1.03 0.00	35.74 -0.94 0.00	32.77 -1.02 0.00	37.23 -0.69 0.00	30.98 -0.88 -0.06	30.85 -1.11 -0.30	42.29 -1.56 -0.24	42.57 -1.05 0.00	50.91 -1.59 0.00	36.47 -1.77 -0.50	40.44 -2.60 0.00	40.12 -2.94 -0.60	40.74 -3.26 0.67	37.11 -2.53 -1.62	29.03 -1.72 0.00
STILLWATER___SOLAR 323814	24.44 1.36 0.00	27.88 1.46 0.00	28.78 1.48 0.00	26.16 1.40 0.00	31.33 1.72 0.00	29.25 1.60 0.00	30.71 1.91 0.00	44.71 2.86 0.00	33.98 2.13 0.00	29.81 1.65 0.00	42.86 2.21 -3.97	35.85 2.05 -0.02	40.53 2.40 -0.22	33.90 1.84 -0.26	35.05 1.99 -1.39	50.79 2.75 -4.43	46.51 2.89 0.00	56.03 3.53 0.00	42.56 2.59 -2.23	45.98 2.94 0.00	47.89 2.79 -2.64	47.75 2.94 -0.14	47.48 2.29 -7.17	32.44 1.69 0.00
STONY___BROOK 24151	50.36 2.67 -24.61	47.23 2.90 -17.92	52.72 3.03 -22.39	47.29 2.88 -19.65	49.51 3.40 -16.51	83.31 3.20 -52.46	90.20 3.47 -57.92	64.66 4.95 -17.87	35.47 3.62 0.00	31.00 2.85 0.00	58.02 3.62 -17.72	37.36 3.53 -0.05	43.24 4.12 -1.21	40.59 3.49 -5.30	36.55 3.34 -1.53	86.51 4.73 -38.17	143.36 5.01 -94.73	194.77 6.28 -135.98	301.30 4.50 -259.05	328.44 5.13 -280.26	119.95 4.70 -72.79	94.39 4.79 -44.92	72.22 3.95 -30.25	84.17 3.14 -50.28
STURGEON_POOL_HYD 23609	24.52 1.44 0.00	27.95 1.54 0.00	28.90 1.60 0.00	26.31 1.55 0.00	31.49 1.88 0.00	29.37 1.72 0.00	30.73 1.93 0.00	44.69 2.84 0.00	34.00 2.15 0.00	29.96 1.80 0.00	38.88 2.20 0.00	36.01 2.21 -0.02	40.41 2.49 0.00	34.07 2.06 -0.21	34.76 2.02 -1.07	46.97 2.50 -0.85	46.27 2.65 0.00	55.88 3.38 0.00	42.16 2.58 -1.83	45.93 2.89 0.00	47.27 2.65 -2.17	47.46 2.67 -0.12	46.08 2.18 -5.87	32.46 1.71 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	24.39 1.32 0.00	27.82 1.41 0.00	28.77 1.47 0.00	26.20 1.44 0.00	31.35 1.75 0.00	29.24 1.59 0.00	30.57 1.77 0.00	44.43 2.58 0.00	33.81 1.96 0.00	29.72 1.56 0.00	18.49 1.91 20.09	35.73 1.94 -0.02	38.91 2.10 1.10	33.78 1.79 -0.19	33.83 1.77 -0.39	29.72 2.13 16.03	45.90 2.28 0.00	55.51 3.01 0.00	41.60 2.22 -1.64	45.54 2.50 0.00	46.69 2.29 -1.94	47.01 2.23 -0.10	45.12 1.84 -5.26	32.16 1.41 0.00
SWANROAD_115KV_TB1 355699	22.18 -0.90 0.00	25.14 -1.28 0.00	25.68 -1.62 0.00	23.34 -1.42 0.00	27.67 -1.93 0.00	25.36 -2.29 0.00	26.05 -2.76 0.00	37.92 -3.92 0.00	29.14 -2.71 0.00	25.96 -2.20 0.00	33.70 -2.98 0.00	31.03 -2.75 0.00	35.36 -2.55 0.00	29.43 -2.42 -0.05	29.06 -2.85 -0.24	39.57 -4.24 -0.19	39.49 -4.13 0.00	47.44 -5.07 0.00	34.13 -4.01 -0.40	38.62 -4.42 0.00	38.35 -4.59 -0.48	39.68 -4.87 0.13	35.48 -3.83 -1.30	28.53 -2.22 0.00
SYNERGY___BIOGAS 323694	23.19 0.12 0.00	26.35 -0.07 0.00	26.95 -0.35 0.00	24.44 -0.32 0.00	29.15 -0.46 0.00	26.83 -0.83 0.00	27.76 -1.04 0.00	40.58 -1.26 0.00	31.12 -0.73 0.00	27.69 -0.47 0.00	35.91 -0.77 0.00	33.05 -0.73 0.00	37.37 -0.54 0.00	31.11 -0.74 -0.05	30.91 -0.99 -0.23	42.28 -1.52 -0.18	42.30 -1.32 0.00	50.91 -1.59 0.00	36.64 -1.48 -0.38	41.46 -1.58 0.00	41.07 -1.85 -0.46	42.44 -2.12 0.11	37.62 -1.65 -1.24	30.03 -0.72 0.00
SYRACUSE___ENERGY_ST1 323597	22.99 -0.09 0.00	26.29 -0.12 0.00	27.12 -0.18 0.00	24.58 -0.18 0.00	29.40 -0.21 0.00	27.40 -0.25 0.00	28.57 -0.23 0.00	41.50 -0.35 0.00	31.60 -0.24 0.00	27.94 -0.22 0.00	36.38 -0.30 0.00	33.49 -0.29 0.00	37.57 -0.35 0.00	31.53 -0.31 -0.04	31.55 -0.31 -0.19	43.22 -0.54 -0.15	43.12 -0.50 0.00	52.01 -0.49 0.00	37.63 -0.43 -0.32	42.58 -0.46 0.00	42.48 -0.36 -0.38	44.18 -0.51 -0.02	38.69 -0.36 -1.03	30.55 -0.21 0.00
SYRACUSE___ENERGY_ST2 323598	22.99 -0.09 0.00	26.29 -0.12 0.00	27.12 -0.18 0.00	24.58 -0.18 0.00	29.40 -0.21 0.00	27.40 -0.25 0.00	28.57 -0.23 0.00	41.50 -0.35 0.00	31.60 -0.24 0.00	27.94 -0.22 0.00	36.38 -0.30 0.00	33.49 -0.29 0.00	37.57 -0.35 0.00	31.53 -0.31 -0.04	31.55 -0.31 -0.19	43.22 -0.54 -0.15	43.12 -0.50 0.00	52.01 -0.49 0.00	37.63 -0.43 -0.32	42.58 -0.46 0.00	42.48 -0.36 -0.38	44.18 -0.51 -0.02	38.69 -0.36 -1.03	30.55 -0.21 0.00
SYRACUSE___POWER 24017	23.03 -0.05 0.00	26.30 -0.12 0.00	27.12 -0.19 0.00	24.60 -0.16 0.00	29.43 -0.18 0.00	27.39 -0.26 0.00	28.57 -0.23 0.00	41.52 -0.33 0.00	31.62 -0.22 0.00	27.95 -0.20 0.00	36.41 -0.27 0.00	33.52 -0.27 0.00	37.61 -0.30 0.00	31.55 -0.29 -0.04	31.58 -0.29 -0.19	43.24 -0.53 -0.16	43.18 -0.44 0.00	52.06 -0.44 0.00	37.67 -0.40 -0.32	42.63 -0.41 0.00	42.58 -0.27 -0.39	44.31 -0.42 -0.06	38.77 -0.30 -1.05	30.60 -0.15 0.00
TALLMAN___138KV_BK151 55660	24.46 1.38 0.00	27.89 1.48 0.00	28.86 1.56 0.00	26.29 1.53 0.00	31.48 1.87 0.00	29.35 1.70 0.00	30.70 1.90 0.00	44.61 2.76 0.00	33.94 2.09 0.00	29.82 1.67 0.00	12.00 2.02 26.70	35.87 2.08 -0.02	38.69 2.24 1.46	33.92 1.92 -0.20	33.78 1.88 -0.23	24.35 2.23 21.49	46.03 2.41 0.00	55.67 3.17 0.00	41.74 2.31 -1.68	45.64 2.60 0.00	46.84 2.39 -1.99	47.09 2.32 -0.11	45.35 1.93 -5.40	32.22 1.47 0.00
TEALLAVE_115KV_TB7 355573	22.86 -0.21 0.00	26.11 -0.31 0.00	26.92 -0.39 0.00	24.43 -0.33 0.00	29.22 -0.39 0.00	27.19 -0.46 0.00	28.35 -0.45 0.00	41.18 -0.66 0.00	31.37 -0.48 0.00	27.73 -0.42 0.00	36.13 -0.55 0.00	33.27 -0.51 0.00	37.35 -0.57 0.00	31.32 -0.51 -0.04	31.33 -0.51 -0.18	42.90 -0.86 -0.14	42.81 -0.81 0.00	51.59 -0.91 0.00	37.30 -0.73 -0.29	42.26 -0.78 0.00	42.23 -0.58 -0.35	43.95 -0.74 -0.02	38.41 -0.57 -0.95	30.40 -0.35 0.00

TELGRAPH_34_KV_EAST 80808	22.74 -0.34 0.00	25.79 -0.63 0.00	26.37 -0.93 0.00	23.96 -0.80 0.00	28.47 -1.14 0.00	26.16 -1.49 0.00	26.96 -1.84 0.00	39.32 -2.53 0.00	30.18 -1.67 0.00	26.86 -1.29 0.00	34.86 -1.82 0.00	32.11 -1.67 0.00	36.51 -1.40 0.00	30.39 -1.46 -0.05	30.06 -1.84 -0.23	41.01 -2.79 -0.19	40.98 -2.65 0.00	49.27 -3.23 0.00	35.43 -2.71 -0.39	40.09 -2.95 0.00	39.76 -3.16 -0.47	41.12 -3.43 0.12	36.59 -2.70 -1.27	29.31 -1.44 0.00
TEMPLE___115KV_TB 2 55572	22.88 -0.20 0.00	26.13 -0.29 0.00	26.93 -0.37 0.00	24.44 -0.32 0.00	29.23 -0.38 0.00	27.21 -0.44 0.00	28.36 -0.44 0.00	41.20 -0.65 0.00	31.39 -0.46 0.00	27.75 -0.41 0.00	36.15 -0.53 0.00	33.29 -0.49 0.00	37.38 -0.54 0.00	31.34 -0.50 -0.04	31.35 -0.50 -0.18	42.93 -0.83 -0.14	42.85 -0.77 0.00	51.62 -0.87 0.00	37.34 -0.70 -0.30	42.31 -0.73 0.00	42.27 -0.55 -0.36	43.97 -0.72 -0.02	38.44 -0.54 -0.96	30.42 -0.33 0.00
TIANA___69_KV_BK 1 55817	50.87 3.14 -24.66	47.85 3.48 -17.95	53.29 3.55 -22.44	47.86 3.40 -19.69	50.17 4.02 -16.54	83.96 3.74 -52.57	90.92 4.08 -58.04	65.65 5.90 -17.90	36.06 4.21 0.00	31.45 3.29 0.00	58.55 4.15 -17.72	37.83 4.00 -0.05	43.73 4.61 -1.20	41.01 3.93 -5.27	37.03 3.83 -1.53	87.27 5.45 -38.20	144.45 5.90 -94.93	196.17 7.41 -136.26	302.65 5.35 -259.55	329.94 6.08 -280.83	121.03 5.64 -72.94	95.35 5.68 -44.99	73.03 4.70 -30.30	84.89 3.76 -50.38
TILDEN___115KV_TB1 80814	23.03 -0.05 0.00	26.30 -0.12 0.00	27.12 -0.19 0.00	24.60 -0.16 0.00	29.43 -0.18 0.00	27.39 -0.26 0.00	28.57 -0.23 0.00	41.52 -0.33 0.00	31.62 -0.22 0.00	27.95 -0.20 0.00	36.41 -0.27 0.00	33.52 -0.27 0.00	37.61 -0.30 0.00	31.55 -0.29 -0.04	31.58 -0.29 -0.19	43.24 -0.53 -0.16	43.18 -0.44 0.00	52.06 -0.44 0.00	37.67 -0.40 -0.32	42.63 -0.41 0.00	42.58 -0.27 -0.39	44.31 -0.42 -0.06	38.77 -0.30 -1.05	30.60 -0.15 0.00
TRIGEN___CC 323695	42.65 2.07 -17.50	41.44 2.28 -12.74	45.54 2.32 -15.93	41.00 2.27 -13.97	44.00 2.66 -11.73	67.41 2.45 -37.31	72.67 2.66 -41.21	58.41 3.86 -12.70	34.65 2.80 0.00	30.38 2.23 0.00	57.28 2.88 -17.72	36.99 2.91 -0.30	43.16 3.37 -1.89	43.25 2.82 -8.63	35.82 2.62 -1.53	80.12 3.47 -33.04	114.82 3.62 -67.58	153.91 4.55 -96.85	230.31 3.35 -189.22	248.74 3.78 -201.92	98.34 3.49 -52.39	83.12 3.53 -34.93	64.16 3.00 -23.14	68.91 2.39 -35.77
TRINITY___115KV__ 4 BK 55933	24.14 1.06 0.00	27.54 1.12 0.00	28.44 1.14 0.00	25.84 1.08 0.00	30.92 1.31 0.00	28.80 1.15 0.00	29.89 1.09 0.00	43.43 1.59 0.00	33.05 1.21 0.00	29.12 0.96 0.00	42.31 1.52 -4.11	35.29 1.49 -0.02	39.71 1.57 -0.22	33.36 1.31 -0.25	34.37 1.33 -1.38	49.78 1.70 -4.47	45.14 1.52 0.00	54.48 1.98 0.00	41.41 1.71 -2.18	44.75 1.49 0.00	46.85 1.82 -2.58	46.65 1.85 -0.14	46.44 1.43 -6.99	31.85 1.09 0.00
UNION___PROCESSING_DRP 323587	22.78 -0.29 0.00	25.92 -0.50 0.00	26.60 -0.70 0.00	24.15 -0.61 0.00	28.79 -0.82 0.00	26.60 -1.05 0.00	27.57 -1.23 0.00	40.20 -1.65 0.00	30.76 -1.09 0.00	27.32 -0.84 0.00	35.55 -1.12 0.00	32.71 -1.07 0.00	37.01 -0.90 0.00	30.90 -0.94 -0.04	30.69 -1.19 -0.22	41.96 -1.83 -0.17	41.92 -1.70 0.00	50.45 -2.05 0.00	36.39 -1.71 -0.36	41.17 -1.87 0.00	40.93 -1.96 -0.43	42.39 -2.20 0.08	37.43 -1.75 -1.17	29.73 -1.02 0.00
UPPER HUDSON___HYD 24058	23.99 0.91 0.00	27.31 0.90 0.00	28.22 0.92 0.00	25.65 0.89 0.00	30.72 1.12 0.00	28.78 1.13 0.00	30.42 1.61 0.00	44.37 2.52 0.00	33.68 1.83 0.00	29.45 1.29 0.00	42.29 1.66 -3.95	35.34 1.54 -0.02	40.17 2.04 -0.22	33.37 1.32 -0.26	34.64 1.58 -1.39	50.28 2.24 -4.42	46.15 2.53 0.00	55.56 3.06 0.00	42.19 2.21 -2.24	45.56 2.52 0.00	47.38 2.27 -2.65	47.33 2.52 -0.14	47.07 1.87 -7.19	32.01 1.26 0.00
UPPER RAQUET___HYD 24056	26.03 -0.41 -3.36	29.27 -0.27 -3.13	27.29 -0.01 0.00	24.65 -0.11 0.00	29.48 -0.12 0.00	27.60 -0.05 0.00	28.44 -0.36 0.00	41.29 -0.55 0.00	31.35 -0.50 0.00	27.96 -0.19 0.00	36.57 -0.11 0.00	33.51 -0.28 0.00	37.57 -0.35 0.00	31.48 -0.32 -0.01	31.46 -0.24 -0.03	43.38 -0.25 -0.02	43.45 -0.18 0.00	51.82 -0.68 0.00	37.31 -0.48 -0.04	42.44 -0.60 0.00	41.66 -0.84 -0.05	45.39 -0.10 -0.82	38.07 -0.09 -0.14	30.58 -0.17 0.00
VALLEY44_115KV_TB2 355964	24.13 1.06 0.00	27.48 1.06 0.00	28.09 0.79 0.00	25.61 0.85 0.00	30.50 0.90 0.00	27.94 0.29 0.00	28.61 -0.19 0.00	41.78 -0.07 0.00	31.92 0.07 0.00	28.32 0.16 0.00	37.22 0.54 0.00	34.25 0.46 0.00	38.75 0.84 0.00	31.99 0.13 -0.05	31.74 -0.20 -0.26	43.38 -0.44 -0.21	43.17 -0.45 0.00	52.03 -0.47 0.00	37.41 -0.77 -0.44	42.27 -0.77 0.00	41.90 -1.08 -0.52	43.16 -1.36 0.15	38.52 -0.92 -1.42	30.72 -0.03 0.00
VALLEY___115KV_TB 1-4 80826	23.66 0.58 0.00	27.08 0.66 0.00	28.07 0.77 0.00	25.51 0.75 0.00	30.52 0.91 0.00	28.48 0.84 0.00	29.78 0.97 0.00	43.34 1.50 0.00	33.00 1.15 0.00	28.94 0.79 0.00	37.45 0.77 0.00	34.57 0.78 0.00	38.83 0.91 0.00	33.03 1.23 0.00	33.07 1.37 -0.03	45.34 1.70 -0.02	45.18 1.56 0.00	54.62 2.12 0.00	39.32 1.54 -0.04	44.76 1.71 0.00	44.10 1.59 -0.05	46.12 1.45 0.00	39.27 1.12 -0.14	31.53 0.77 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	25.28 2.20 0.00	28.87 2.46 0.00	29.81 2.50 0.00	27.09 2.33 0.00	32.46 2.85 0.00	30.17 2.52 0.00	31.68 2.87 0.00	46.21 4.36 0.00	35.34 3.50 0.00	31.22 3.06 0.00	40.64 3.96 0.00	37.41 3.62 -0.01	41.83 3.92 0.00	35.02 3.13 -0.09	35.16 3.11 -0.38	48.54 4.62 -0.30	48.24 4.62 0.00	58.27 5.77 0.00	40.86 2.43 -0.69	45.45 2.41 0.00	45.73 2.21 -0.97	46.97 2.21 -0.09	42.50 1.84 -2.64	32.26 1.51 0.00
VISCHER___FERRY HYD 24020	24.39 1.32 0.00	27.83 1.41 0.00	28.73 1.43 0.00	26.11 1.35 0.00	31.24 1.63 0.00	29.11 1.46 0.00	30.40 1.60 0.00	44.18 2.34 0.00	33.62 1.78 0.00	29.57 1.41 0.00	42.79 1.98 -4.13	35.69 1.90 -0.02	40.21 2.07 -0.23	33.72 1.66 -0.25	34.79 1.74 -1.39	50.44 2.32 -4.51	45.92 2.30 0.00	55.38 2.88 0.00	42.06 2.12 -2.20	45.46 2.42 0.00	47.45 2.39 -2.61	47.30 2.49 -0.14	47.06 1.98 -7.07	32.26 1.51 0.00
V_A_10_SYNC_DSASP 323832	22.30 -0.77 0.00	25.39 -1.03 0.00	25.99 -1.31 0.00	23.57 -1.19 0.00	28.09 -1.52 0.00	25.76 -1.89 0.00	26.53 -2.28 0.00	38.67 -3.18 0.00	29.64 -2.21 0.00	26.36 -1.80 0.00	34.33 -2.35 0.00	31.60 -2.19 0.00	35.88 -2.03 0.00	29.88 -1.96 -0.05	29.57 -2.33 -0.23	40.34 -3.46 -0.18	40.21 -3.41 0.00	48.34 -4.16 0.00	34.82 -3.30 -0.38	39.43 -3.62 0.00	39.16 -3.75 -0.45	40.56 -4.01 0.10	36.08 -3.17 -1.23	28.80 -1.95 0.00
V_CMM_10_SYNC_DSASP 323787	22.74 -0.34 0.00	26.15 -0.26 0.00	27.09 -0.21 0.00	24.49 -0.27 0.00	29.26 -0.34 0.00	27.49 -0.16 0.00	28.55 -0.26 0.00	41.43 -0.41 0.00	31.53 -0.32 0.00	28.05 -0.11 0.00	36.55 -0.13 0.00	33.56 -0.21 0.00	37.71 -0.21 0.00	31.59 -0.22 0.00	31.45 -0.22 0.00	43.66 0.04 0.00	43.65 0.03 0.00	52.31 -0.19 0.00	37.58 -0.16 0.00	42.85 -0.19 0.00	42.15 -0.31 0.00	44.60 -0.07 0.00	37.93 -0.09 0.00	30.63 -0.12 0.00

V_CMP_10_SYNC_DSASP 323788	0.62 -0.82 21.64	5.45 -0.82 20.15	26.87 -0.43 0.00	24.46 -0.30 0.00	29.61 0.00 0.00	28.13 0.48 0.00	29.55 0.75 0.00	42.80 0.95 0.00	32.34 0.49 0.00	28.78 0.62 0.00	37.81 1.13 0.00	34.74 0.96 0.00	38.65 0.74 0.00	31.88 0.08 0.00	31.36 -0.31 0.00	44.26 0.64 0.00	44.36 0.74 0.00	52.71 0.21 0.00	37.50 -0.24 0.00	42.36 -0.68 0.00	41.30 -1.16 0.00	38.56 -0.85 5.27	37.51 -0.51 0.00	30.19 -0.56 0.00
V_D_10_SYNC_DSASP 323841	21.95 -1.13 0.00	24.93 -1.49 0.00	25.46 -1.84 0.00	23.10 -1.66 0.00	27.44 -2.16 0.00	25.09 -2.55 0.00	25.71 -3.09 0.00	37.31 -4.53 0.00	28.67 -3.18 0.00	25.53 -2.62 0.00	33.16 -3.52 0.00	30.53 -3.26 0.00	34.80 -3.11 0.00	28.98 -2.87 -0.05	28.60 -3.31 -0.24	38.92 -4.88 -0.19	38.80 -4.81 0.00	46.59 -5.91 0.01	33.54 -4.60 -0.40	37.97 -5.07 0.00	37.70 -5.24 -0.48	39.03 -5.51 0.13	34.98 -4.34 -1.30	28.05 -2.70 0.00
V_E_10_SYNC_DSASP 323830	25.22 2.14 0.00	28.92 2.51 0.00	29.90 2.59 0.00	27.07 2.31 0.00	32.32 2.71 0.00	30.12 2.47 0.00	31.75 2.95 0.00	46.40 4.56 0.00	35.44 3.60 0.00	31.31 3.15 0.00	40.62 3.94 0.00	37.45 3.66 -0.01	41.90 3.98 0.00	35.06 3.18 -0.08	35.57 3.55 -0.35	48.95 5.06 -0.28	48.97 5.35 0.00	59.14 6.64 0.00	42.29 3.95 -0.60	47.53 4.49 0.00	47.50 4.28 -0.77	48.94 3.96 -0.31	43.11 3.01 -2.08	33.12 2.37 0.00
V_F_30_NSYNC___DSASP 323816	24.46 1.38 0.00	27.90 1.49 0.00	28.81 1.51 0.00	26.19 1.43 0.00	31.36 1.75 0.00	29.28 1.63 0.00	30.75 1.95 0.00	44.78 2.93 0.00	34.02 2.17 0.00	29.86 1.71 0.00	42.90 2.28 -3.94	35.92 2.12 -0.02	40.60 2.47 -0.22	33.95 1.90 -0.26	35.11 2.05 -1.39	50.85 2.82 -4.42	46.59 2.96 0.00	56.13 3.63 0.00	42.64 2.65 -2.24	46.06 3.02 0.00	47.97 2.86 -2.65	47.82 3.01 -0.14	47.56 2.35 -7.19	32.47 1.72 0.00
V_F_30_SYNC_DSASP 323786	24.21 1.13 0.00	27.62 1.20 0.00	28.52 1.22 0.00	25.92 1.16 0.00	31.01 1.40 0.00	28.89 1.24 0.00	30.00 1.20 0.00	43.62 1.78 0.00	33.19 1.34 0.00	29.25 1.09 0.00	42.51 1.72 -4.12	35.47 1.67 -0.02	39.90 1.76 -0.22	33.50 1.46 -0.25	34.54 1.49 -1.38	50.02 1.93 -4.48	45.36 1.74 0.00	54.77 2.27 0.00	41.63 1.70 -2.18	44.98 1.94 0.00	47.10 2.05 -2.58	46.87 2.07 -0.14	46.63 1.61 -7.00	31.97 1.21 0.00
V_XM_10_SYNC_DSASP 323789	0.62 -0.82 21.64	5.45 -0.82 20.15	26.87 -0.43 0.00	24.46 -0.30 0.00	29.61 0.00 0.00	28.13 0.48 0.00	29.55 0.75 0.00	42.80 0.95 0.00	32.34 0.49 0.00	28.78 0.62 0.00	37.81 1.13 0.00	34.74 0.96 0.00	38.65 0.74 0.00	31.88 0.08 0.00	31.36 -0.31 0.00	44.26 0.64 0.00	44.36 0.74 0.00	52.71 0.21 0.00	37.50 -0.24 0.00	42.36 -0.68 0.00	41.30 -1.16 0.00	38.56 -0.85 5.27	37.51 -0.51 0.00	30.19 -0.56 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	24.54 1.47 0.00	27.99 1.57 0.00	28.95 1.65 0.00	26.37 1.61 0.00	31.57 1.96 0.00	29.44 1.79 0.00	30.79 1.99 0.00	44.76 2.91 0.00	34.06 2.22 0.00	29.93 1.78 0.00	10.61 2.17 28.24	36.01 2.21 -0.02	38.77 2.39 1.54	34.04 2.05 -0.20	33.86 2.01 -0.19	23.25 2.40 22.76	46.18 2.56 0.00	55.85 3.35 0.00	41.90 2.46 -1.69	45.80 2.76 0.00	47.00 2.54 -2.00	47.24 2.47 -0.11	45.50 2.05 -5.43	32.31 1.56 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.69 1.62 0.00	28.15 1.73 0.00	29.11 1.81 0.00	26.53 1.77 0.00	31.73 2.12 0.00	29.57 1.92 0.00	30.95 2.15 0.00	45.00 3.16 0.00	34.32 2.47 0.00	30.18 2.02 0.00	57.04 2.48 -17.88	36.29 2.50 -0.02	41.62 2.72 -0.98	34.33 2.33 -0.20	35.52 2.32 -1.53	62.11 2.89 -15.60	46.73 3.11 0.00	56.47 3.97 0.00	42.43 2.93 -1.75	46.33 3.29 0.00	47.52 2.99 -2.07	47.71 2.92 -0.11	46.04 2.40 -5.62	32.58 1.83 0.00
W50THST__13_KV_LOAD 356117	24.90 1.82 0.00	28.38 1.97 0.00	29.34 2.04 0.00	26.75 1.98 0.00	31.98 2.38 0.00	29.81 2.16 0.00	31.22 2.41 0.00	45.42 3.57 0.00	34.67 2.82 0.00	30.51 2.35 0.00	57.48 2.92 -17.88	36.71 2.91 -0.02	42.07 3.18 -0.98	34.72 2.72 -0.20	35.91 2.71 -1.53	62.62 3.40 -15.60	47.23 3.61 0.00	57.08 4.58 0.00	42.83 3.33 -1.75	46.77 3.73 0.00	47.95 3.41 -2.07	48.12 3.34 -0.11	46.39 2.74 -5.62	32.85 2.09 0.00
WADING RIVER_IC_1 23522	50.57 2.83 -24.66	47.45 3.07 -17.96	52.95 3.21 -22.44	47.50 3.05 -19.69	49.72 3.57 -16.54	83.60 3.37 -52.58	90.51 3.66 -58.05	64.94 5.19 -17.91	35.61 3.76 0.00	31.08 2.92 0.00	58.09 3.69 -17.72	37.42 3.59 -0.05	43.28 4.16 -1.20	40.63 3.55 -5.27	36.62 3.42 -1.53	86.73 4.91 -38.21	143.82 5.25 -94.95	195.38 6.59 -136.29	302.12 4.77 -259.60	329.32 5.40 -280.87	120.42 5.02 -72.95	94.72 5.05 -45.00	72.48 4.15 -30.31	84.46 3.31 -50.39
WADING RIVER_IC_2 23547	50.57 2.83 -24.66	47.45 3.07 -17.96	52.95 3.21 -22.44	47.50 3.05 -19.69	49.72 3.57 -16.54	83.60 3.37 -52.58	90.51 3.66 -58.05	64.94 5.19 -17.91	35.61 3.76 0.00	31.08 2.92 0.00	58.09 3.69 -17.72	37.42 3.59 -0.05	43.28 4.16 -1.20	40.63 3.55 -5.27	36.62 3.42 -1.53	86.73 4.91 -38.21	143.82 5.25 -94.95	195.38 6.59 -136.29	302.12 4.77 -259.60	329.32 5.40 -280.87	120.42 5.02 -72.95	94.72 5.05 -45.00	72.48 4.15 -30.31	84.46 3.31 -50.39
WADING RIVER_IC_3 23601	50.57 2.83 -24.66	47.45 3.07 -17.96	52.95 3.21 -22.44	47.50 3.05 -19.69	49.72 3.57 -16.54	83.60 3.37 -52.58	90.51 3.66 -58.05	64.94 5.19 -17.91	35.61 3.76 0.00	31.08 2.92 0.00	58.09 3.69 -17.72	37.42 3.59 -0.05	43.28 4.16 -1.20	40.63 3.55 -5.27	36.62 3.42 -1.53	86.73 4.91 -38.21	143.82 5.25 -94.95	195.38 6.59 -136.29	302.12 4.77 -259.60	329.32 5.40 -280.87	120.42 5.02 -72.95	94.72 5.05 -45.00	72.48 4.15 -30.31	84.46 3.31 -50.39
WALDENNY_12_KV_BK2 80841	23.00 -0.08 0.00	26.08 -0.34 0.00	26.63 -0.67 0.00	24.18 -0.58 0.00	28.75 -0.86 0.00	26.36 -1.29 0.00	27.14 -1.66 0.00	39.57 -2.28 0.00	30.35 -1.50 0.00	27.01 -1.14 0.00	35.17 -1.51 0.00	32.38 -1.41 0.00	36.83 -1.08 0.00	30.64 -1.21 -0.05	30.32 -1.59 -0.25	41.32 -2.49 -0.20	41.26 -2.36 0.00	49.58 -2.92 0.00	35.66 -2.50 -0.41	40.28 -2.76 0.00	39.96 -2.99 -0.50	41.24 -3.29 0.14	36.82 -2.54 -1.35	29.45 -1.31 0.00
WALDEN___HYDRO 24148	24.67 1.59 0.00	28.11 1.69 0.00	29.06 1.76 0.00	26.45 1.69 0.00	31.66 2.05 0.00	29.54 1.90 0.00	30.93 2.12 0.00	44.96 3.12 0.00	34.17 2.32 0.00	29.98 1.82 0.00	32.67 2.19 6.20	36.01 2.21 -0.02	40.08 2.50 0.34	34.02 2.02 -0.20	34.53 2.03 -0.83	41.77 2.61 4.45	46.47 2.85 0.00	56.24 3.74 0.00	42.23 2.78 -1.71	46.17 3.13 0.00	47.38 2.90 -2.02	47.63 2.86 -0.11	45.84 2.33 -5.49	32.54 1.79 0.00
WARRENSBURG____ 23737	23.99 0.91 0.00	27.31 0.90 0.00	28.22 0.92 0.00	25.65 0.89 0.00	30.72 1.12 0.00	28.78 1.13 0.00	30.42 1.61 0.00	44.37 2.52 0.00	33.68 1.83 0.00	29.45 1.29 0.00	42.29 1.66 -3.95	35.34 1.54 -0.02	40.17 2.04 -0.22	33.37 1.32 -0.26	34.64 1.58 -1.39	50.28 2.24 -4.42	46.15 2.53 0.00	55.56 3.06 0.00	42.19 2.21 -2.24	45.56 2.52 0.00	47.38 2.27 -2.65	47.33 2.52 -0.14	47.07 1.87 -7.19	32.01 1.26 0.00

WATERSIDE___6 8 9 23538	24.76 1.68 0.00	28.23 1.82 0.00	29.17 1.87 0.00	26.58 1.81 0.00	31.76 2.16 0.00	29.62 1.97 0.00	31.01 2.21 0.00	45.12 3.28 0.00	34.39 2.54 0.00	30.24 2.08 0.00	57.05 2.56 -17.81	36.38 2.58 -0.02	41.70 2.81 -0.97	34.41 2.41 -0.20	35.58 2.38 -1.53	62.10 2.94 -15.54	46.80 3.17 0.00	56.53 4.03 0.00	42.50 3.00 -1.75	46.40 3.36 0.00	47.60 3.06 -2.07	47.77 2.99 -0.11	46.10 2.46 -5.62	32.63 1.88 0.00
WATKINRD_115KV_LN8_ILLION 55919	23.59 0.51 0.00	26.97 0.55 0.00	27.89 0.59 0.00	25.35 0.59 0.00	30.32 0.71 0.00	28.29 0.64 0.00	29.56 0.75 0.00	43.01 1.17 0.00	32.72 0.87 0.00	28.77 0.61 0.00	37.36 0.68 0.00	34.43 0.65 0.00	38.63 0.72 0.00	32.71 0.91 0.00	32.71 1.01 -0.03	44.90 1.27 -0.02	44.78 1.16 0.00	54.08 1.58 0.00	38.95 1.16 -0.04	44.33 1.29 0.00	43.72 1.21 -0.05	45.78 1.11 0.00	39.00 0.84 -0.14	31.35 0.59 0.00
WATSON___69_KV_BK 1 55734	50.28 2.86 -24.34	47.32 3.18 -17.72	52.69 3.24 -22.15	47.31 3.11 -19.44	49.58 3.65 -16.33	82.94 3.39 -51.90	89.76 3.65 -57.30	64.80 5.28 -17.67	35.68 3.83 0.00	31.19 3.03 0.00	58.26 3.86 -17.72	37.59 3.75 -0.06	43.48 4.32 -1.24	40.92 3.65 -5.48	36.74 3.53 -1.53	86.54 4.95 -37.97	142.60 5.24 -93.73	193.58 6.53 -134.54	299.01 4.79 -256.47	325.86 5.45 -277.37	119.55 5.05 -72.04	94.37 5.12 -44.58	72.26 4.25 -29.99	83.89 3.39 -49.74
WDELAWARE___HYD 323627	24.26 1.19 0.00	27.65 1.23 0.00	28.59 1.28 0.00	26.03 1.27 0.00	31.16 1.55 0.00	29.11 1.46 0.00	30.52 1.72 0.00	44.40 2.55 0.00	33.74 1.89 0.00	29.63 1.47 0.00	34.18 1.71 4.21	35.56 1.77 -0.01	39.65 1.96 0.23	33.53 1.55 -0.18	33.84 1.35 -0.82	41.08 0.61 3.15	44.58 0.96 0.00	53.89 1.39 0.00	40.46 1.12 -1.60	44.28 1.24 0.00	45.48 1.14 -1.89	46.83 2.06 -0.10	44.80 1.64 -5.14	31.98 1.23 0.00
WEST BABYLON___IC 23714	49.37 2.68 -23.62	46.58 2.97 -17.20	51.82 3.03 -21.49	46.53 2.92 -18.86	48.86 3.41 -15.84	81.16 3.17 -50.35	87.77 3.38 -55.59	63.85 4.85 -17.15	35.36 3.51 0.00	30.92 2.76 0.00	57.92 3.52 -17.72	37.32 3.45 -0.09	43.23 4.01 -1.31	40.97 3.35 -5.82	36.43 3.23 -1.53	85.51 4.46 -37.43	139.29 4.72 -90.95	188.95 5.91 -130.54	291.41 4.37 -249.30	317.37 4.99 -269.34	117.04 4.63 -69.95	92.98 4.75 -43.56	71.25 3.97 -29.26	82.19 3.17 -48.26
WEST CANADA___HYD 24049	23.22 0.14 0.00	26.56 0.15 0.00	27.46 0.16 0.00	24.91 0.15 0.00	29.79 0.18 0.00	27.82 0.17 0.00	29.00 0.20 0.00	42.17 0.33 0.00	32.08 0.23 0.00	28.31 0.15 0.00	36.84 0.17 0.00	33.93 0.15 0.00	38.09 0.17 0.00	32.00 0.20 0.00	31.89 0.19 -0.03	43.88 0.24 -0.02	43.85 0.23 0.00	52.82 0.32 0.00	38.01 0.22 -0.04	43.27 0.23 0.00	42.72 0.21 -0.05	44.85 0.18 0.00	38.31 0.15 -0.14	30.86 0.10 0.00
WESTERN_NY_WIND 24143	23.20 0.12 0.00	26.32 -0.10 0.00	26.92 -0.38 0.00	24.45 -0.30 0.00	29.09 -0.51 0.00	26.80 -0.85 0.00	27.72 -1.08 0.00	40.49 -1.36 0.00	31.07 -0.78 0.00	27.64 -0.51 0.00	35.84 -0.84 0.00	32.99 -0.79 0.00	37.31 -0.60 0.00	31.05 -0.80 -0.05	30.84 -1.06 -0.23	42.19 -1.61 -0.18	42.22 -1.40 0.00	50.82 -1.68 0.00	36.56 -1.57 -0.38	41.37 -1.67 0.00	41.01 -1.91 -0.46	42.35 -2.20 0.11	37.55 -1.72 -1.25	29.99 -0.76 0.00
WESTOVER___LESR 323668	23.57 0.49 0.00	26.90 0.48 0.00	27.72 0.42 0.00	25.19 0.43 0.00	30.14 0.53 0.00	27.94 0.30 0.00	29.14 0.34 0.00	42.42 0.57 0.00	32.30 0.46 0.00	28.54 0.38 0.00	37.18 0.50 0.00	34.25 0.46 -0.01	38.41 0.49 0.00	32.21 0.33 -0.08	32.36 0.30 -0.40	44.30 0.37 -0.32	44.01 0.39 0.00	53.14 0.64 0.00	38.66 0.25 -0.67	43.29 0.25 0.00	43.41 0.15 -0.81	44.65 -0.07 -0.04	40.20 -0.01 -2.19	30.91 0.16 0.00
WETHRSFD_WT_PWR 323626	22.85 -0.22 0.00	25.94 -0.48 0.00	26.44 -0.87 0.00	23.90 -0.86 0.00	28.54 -1.07 0.00	26.20 -1.45 0.00	27.02 -1.78 0.00	39.19 -2.66 0.00	29.96 -1.89 0.00	26.63 -1.53 0.00	34.69 -1.99 0.00	31.97 -1.81 0.00	36.35 -1.56 0.00	30.20 -1.65 -0.06	30.06 -1.89 -0.27	41.01 -2.82 -0.22	41.02 -2.60 0.00	49.16 -3.34 0.00	35.37 -2.83 -0.45	39.65 -3.39 0.00	39.33 -3.67 -0.54	40.45 -3.98 0.23	36.45 -3.04 -1.47	28.92 -1.83 0.00
WHAVSTOR_138KV_BK127 55557	24.43 1.35 0.00	27.85 1.44 0.00	28.83 1.53 0.00	26.26 1.50 0.00	31.43 1.82 0.00	29.30 1.65 0.00	30.65 1.84 0.00	44.52 2.67 0.00	33.89 2.04 0.00	29.77 1.61 0.00	10.00 1.97 28.64	35.81 2.01 -0.02	38.52 2.18 1.57	33.86 1.87 -0.20	33.67 1.82 -0.18	22.68 2.16 23.10	45.94 2.32 0.00	55.54 3.04 0.00	41.67 2.24 -1.69	45.56 2.52 0.00	46.77 2.31 -2.01	47.01 2.24 -0.11	45.31 1.86 -5.43	32.17 1.41 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	24.43 1.35 0.00	27.85 1.44 0.00	28.83 1.53 0.00	26.26 1.50 0.00	31.43 1.82 0.00	29.30 1.65 0.00	30.65 1.84 0.00	44.52 2.67 0.00	33.89 2.04 0.00	29.77 1.61 0.00	10.00 1.97 28.64	35.81 2.01 -0.02	38.52 2.18 1.57	33.86 1.87 -0.20	33.67 1.82 -0.18	22.68 2.16 23.10	45.94 2.32 0.00	55.54 3.04 0.00	41.67 2.24 -1.69	45.56 2.52 0.00	46.77 2.31 -2.01	47.01 2.24 -0.11	45.31 1.86 -5.43	32.17 1.41 0.00
WHITEHAL_115KV_TB1 80871	24.58 1.50 0.00	27.85 1.44 0.00	28.77 1.47 0.00	26.13 1.37 0.00	31.34 1.73 0.00	29.59 1.94 0.00	31.57 2.77 0.00	45.95 4.10 0.00	34.84 2.98 0.00	30.19 2.04 0.00	43.12 2.48 -3.96	36.13 2.33 -0.02	41.06 2.93 -0.22	34.10 2.04 -0.26	35.60 2.54 -1.39	51.70 3.66 -4.42	47.85 4.23 0.00	56.97 4.48 0.00	43.08 3.11 -2.24	46.62 3.58 0.00	48.15 3.04 -2.65	48.12 3.31 -0.14	47.90 2.71 -7.18	32.85 2.10 0.00
WHITEPLN_13_KV_LOAD 356215	24.85 1.78 0.00	28.33 1.91 0.00	29.29 1.99 0.00	26.67 1.91 0.00	31.92 2.31 0.00	29.78 2.13 0.00	31.17 2.37 0.00	45.35 3.50 0.00	34.54 2.69 0.00	30.36 2.20 0.00	58.54 2.75 -19.10	36.52 2.72 -0.02	41.96 3.01 -1.05	34.55 2.55 -0.20	35.75 2.51 -1.57	63.41 3.17 -16.62	46.98 3.36 0.00	56.82 4.32 0.00	42.66 3.17 -1.75	46.61 3.57 0.00	47.81 3.28 -2.07	48.00 3.22 -0.11	46.27 2.64 -5.61	32.78 2.03 0.00
WM_FLOYD_69_KV_BK2 356380	50.53 2.81 -24.64	47.47 3.11 -17.94	52.89 3.16 -22.42	47.49 3.05 -19.67	49.72 3.59 -16.53	83.51 3.33 -52.53	90.41 3.61 -58.00	64.94 5.21 -17.89	35.56 3.71 0.00	31.03 2.87 0.00	58.04 3.64 -17.72	37.37 3.54 -0.05	43.24 4.12 -1.21	40.59 3.50 -5.29	36.60 3.39 -1.53	86.63 4.82 -38.19	143.68 5.19 -94.87	195.22 6.54 -136.17	301.86 4.73 -259.39	329.05 5.37 -280.64	120.31 4.97 -72.89	94.66 5.02 -44.97	72.46 4.15 -30.29	84.43 3.33 -50.35
WOODARD__115KV_TB2 355635	22.88 -0.20 0.00	26.13 -0.28 0.00	26.95 -0.35 0.00	24.46 -0.30 0.00	29.26 -0.35 0.00	27.24 -0.41 0.00	28.40 -0.40 0.00	41.27 -0.58 0.00	31.43 -0.42 0.00	27.79 -0.37 0.00	36.19 -0.49 0.00	33.33 -0.46 0.00	37.40 -0.51 0.00	31.38 -0.46 -0.04	31.39 -0.47 -0.18	43.00 -0.76 -0.14	42.78 -0.84 0.00	51.47 -1.04 0.00	37.24 -0.80 -0.30	42.17 -0.87 0.00	42.11 -0.71 -0.36	43.84 -0.85 -0.02	38.34 -0.66 -0.97	30.31 -0.44 0.00

YORK____WARBASSE	24.83	28.29	29.23	26.62	31.84	29.72	31.11	45.23	34.47	30.32	57.13	36.44	41.76	34.48	35.66	62.16	46.90	56.67	42.65	46.57	47.72	47.90	46.21	32.72
23770	1.75	1.87	1.93	1.86	2.24	2.06	2.31	3.39	2.62	2.16	2.64	2.64	2.87	2.47	2.46	3.00	3.28	4.17	3.15	3.53	3.18	3.12	2.57	1.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.81	-0.02	-0.97	-0.20	-1.53	-15.54	0.00	0.00	-1.75	0.00	-2.07	-0.11	-5.62	0.00