

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

05/10/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	36.23	34.73	32.42	30.16	30.80	32.28	31.93	29.29	25.31	22.49	14.64	21.39	10.71	19.24	16.15	13.31	23.12	27.85	34.85	46.69	45.44	36.81	33.01	27.19
24138	1.90	1.83	1.67	1.58	1.65	1.77	1.79	1.74	1.52	1.42	0.91	1.34	0.72	1.31	1.14	1.02	1.80	2.17	2.48	2.86	2.77	2.23	2.09	1.76
	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
74TH STREET_GT_1	36.30	34.79	32.47	30.21	30.86	32.34	31.99	29.35	25.34	22.52	14.66	21.42	10.72	19.26	16.16	13.31	23.13	27.87	34.91	46.84	45.58	36.93	33.12	27.27
24260	1.97	1.89	1.72	1.63	1.71	1.83	1.85	1.79	1.56	1.45	0.93	1.37	0.73	1.32	1.15	1.02	1.81	2.19	2.54	3.01	2.91	2.35	2.20	1.84
	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	-0.01
74TH STREET_GT_2	36.30	34.79	32.47	30.21	30.86	32.34	31.99	29.35	25.34	22.52	14.66	21.42	10.72	19.26	16.16	13.31	23.13	27.87	34.91	46.84	45.58	36.93	33.12	27.27
24261	1.97	1.89	1.72	1.63	1.71	1.83	1.85	1.79	1.56	1.45	0.93	1.37	0.73	1.32	1.15	1.02	1.81	2.19	2.54	3.01	2.91	2.35	2.20	1.84
	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	-0.01
ADK HUDSON___FALLS	35.58	34.05	31.96	29.75	30.40	31.91	31.62	29.10	25.19	22.27	14.49	21.15	10.41	18.79	15.72	12.83	22.27	26.95	34.02	46.15	44.95	36.46	32.58	26.71
24011	1.26	1.15	1.20	1.17	1.25	1.40	1.47	1.54	1.41	1.19	0.76	1.10	0.43	0.86	0.71	0.54	0.95	1.27	1.65	2.33	2.28	1.88	1.66	1.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	35.71	34.16	32.10	29.88	30.56	32.08	31.80	29.30	25.38	22.40	14.57	21.29	10.46	18.88	15.78	12.89	22.33	27.02	34.06	46.27	45.10	36.62	32.68	26.77
23798	1.39	1.26	1.34	1.31	1.41	1.58	1.66	1.75	1.60	1.32	0.84	1.23	0.48	0.94	0.77	0.61	1.01	1.34	1.70	2.44	2.43	2.03	1.76	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	35.58	34.05	31.96	29.75	30.40	31.91	31.62	29.10	25.19	22.27	14.49	21.15	10.41	18.79	15.72	12.83	22.27	26.95	34.02	46.15	44.95	36.46	32.58	26.71
24028	1.26	1.15	1.20	1.17	1.25	1.40	1.47	1.54	1.41	1.19	0.76	1.10	0.43	0.86	0.71	0.54	0.95	1.27	1.65	2.33	2.28	1.88	1.66	1.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	35.10	33.62	31.59	29.43	30.06	31.57	31.25	28.78	24.88	22.08	14.39	21.00	10.43	18.77	15.72	12.83	22.29	26.93	33.77	45.77	44.48	36.01	32.34	26.60
23527	0.77	0.72	0.84	0.86	0.91	1.07	1.10	1.22	1.10	1.00	0.66	0.94	0.45	0.84	0.71	0.54	0.96	1.24	1.41	1.94	1.81	1.43	1.42	1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	34.33	32.91	30.87	28.76	29.36	30.78	30.47	27.96	24.15	21.43	13.96	20.38	10.15	18.26	15.30	12.49	21.71	26.22	32.95	44.41	43.21	35.06	31.48	25.90
24190	0.00	0.01	0.11	0.18	0.21	0.27	0.32	0.41	0.36	0.36	0.24	0.33	0.16	0.32	0.29	0.21	0.39	0.53	0.59	0.58	0.54	0.47	0.56	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	34.82	33.41	31.21	28.94	29.48	30.78	30.47	27.77	23.96	21.24	13.85	20.23	10.07	18.04	15.08	12.33	21.38	25.71	32.49	44.16	42.89	34.76	31.03	25.48
355683	0.49	0.51	0.46	0.36	0.33	0.26	0.32	0.22	0.18	0.16	0.12	0.17	0.08	0.11	0.07	0.05	0.06	0.02	0.12	0.33	0.22	0.18	0.11	0.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	35.09	33.62	31.51	29.36	29.97	31.42	31.06	28.48	24.55	21.73	14.13	20.58	10.19	18.34	15.34	12.51	21.75	26.33	33.36	45.25	44.10	35.76	32.06	26.38
323833	0.77	0.72	0.76	0.79	0.82	0.91	0.92	0.93	0.76	0.65	0.41	0.52	0.21	0.41	0.33	0.23	0.43	0.64	0.99	1.42	1.43	1.18	1.14	0.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	35.08	33.61	31.51	29.35	29.96	31.41	31.06	28.47	24.54	21.73	14.13	20.58	10.19	18.34	15.34	12.51	21.75	26.33	33.35	45.25	44.09	35.75	32.05	26.37
323834	0.76	0.71	0.76	0.78	0.81	0.91	0.91	0.92	0.76	0.65	0.40	0.52	0.21	0.40	0.33	0.23	0.43	0.64	0.98	1.42	1.42	1.17	1.12	0.94
	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	34.33	32.91	30.87	28.76	29.36	30.78	30.47	27.96	24.15	21.43	13.96	20.38	10.15	18.26	15.30	12.49	21.71	26.22	32.95	44.41	43.21	35.06	31.48	25.90
23571	0.00	0.01	0.11	0.18	0.21	0.27	0.32	0.41	0.36	0.36	0.24	0.33	0.16	0.32	0.29	0.21	0.39	0.53	0.59	0.58	0.54	0.47	0.56	0.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	34.33 0.00 0.00	32.91 0.01 0.00	30.87 0.11 0.00	28.76 0.18 0.00	29.36 0.21 0.00	30.78 0.27 0.00	30.47 0.32 0.00	27.96 0.41 0.00	24.15 0.36 0.00	21.43 0.36 0.00	13.96 0.24 0.00	20.38 0.33 0.00	10.15 0.16 0.00	18.26 0.32 0.00	15.30 0.29 0.00	12.49 0.21 0.00	21.71 0.39 0.00	26.22 0.53 0.00	32.95 0.59 0.00	44.41 0.58 0.00	43.21 0.54 0.00	35.06 0.47 0.00	31.48 0.56 0.00	25.90 0.48 0.00
ALBANY___3 23573	34.33 0.00 0.00	32.91 0.01 0.00	30.87 0.11 0.00	28.76 0.18 0.00	29.36 0.21 0.00	30.78 0.27 0.00	30.47 0.32 0.00	27.96 0.41 0.00	24.15 0.36 0.00	21.43 0.36 0.00	13.96 0.24 0.00	20.38 0.33 0.00	10.15 0.16 0.00	18.26 0.32 0.00	15.30 0.29 0.00	12.49 0.21 0.00	21.71 0.39 0.00	26.22 0.53 0.00	32.95 0.59 0.00	44.41 0.58 0.00	43.21 0.54 0.00	35.06 0.47 0.00	31.48 0.56 0.00	25.90 0.48 0.00
ALBANY___4 23574	34.33 0.00 0.00	32.91 0.01 0.00	30.87 0.11 0.00	28.76 0.18 0.00	29.36 0.21 0.00	30.78 0.27 0.00	30.47 0.32 0.00	27.96 0.41 0.00	24.15 0.36 0.00	21.43 0.36 0.00	13.96 0.24 0.00	20.38 0.33 0.00	10.15 0.16 0.00	18.26 0.32 0.00	15.30 0.29 0.00	12.49 0.21 0.00	21.71 0.39 0.00	26.22 0.53 0.00	32.95 0.59 0.00	44.41 0.58 0.00	43.21 0.54 0.00	35.06 0.47 0.00	31.48 0.56 0.00	25.90 0.48 0.00
ALBANY___LFGE 323615	34.65 0.32 0.00	33.20 0.30 0.00	31.14 0.39 0.00	29.02 0.44 0.00	29.61 0.46 0.00	31.06 0.55 0.00	30.73 0.59 0.00	28.20 0.65 0.00	24.36 0.57 0.00	21.62 0.54 0.00	14.09 0.36 0.00	20.57 0.51 0.00	10.23 0.24 0.00	18.41 0.47 0.00	15.42 0.41 0.00	12.59 0.31 0.00	21.89 0.57 0.00	26.44 0.75 0.00	33.24 0.88 0.00	44.85 1.03 0.00	43.64 0.97 0.00	35.40 0.82 0.00	31.76 0.84 0.00	26.13 0.70 0.00
ALCOA_PA_115KV_PL-6C 55860	34.97 0.65 0.00	33.57 0.67 0.00	31.36 0.60 0.00	29.07 0.50 0.00	29.61 0.46 0.00	30.91 0.40 0.00	30.60 0.45 0.00	27.88 0.33 0.00	24.04 0.25 0.00	21.29 0.21 0.00	13.88 0.15 0.00	20.26 0.21 0.00	10.08 0.09 0.00	18.06 0.13 0.00	15.10 0.09 0.00	12.34 0.06 0.00	21.40 0.08 0.00	25.73 0.05 0.00	32.54 0.18 0.00	44.28 0.45 0.00	42.88 0.22 0.00	34.88 0.30 0.00	31.16 0.24 0.00	25.58 0.16 0.00
ALCOA_RYNLDS___DRP 24188	34.97 0.65 0.00	33.57 0.67 0.00	31.36 0.60 0.00	29.07 0.50 0.00	29.61 0.46 0.00	30.91 0.40 0.00	30.60 0.45 0.00	27.88 0.33 0.00	24.04 0.25 0.00	21.29 0.21 0.00	13.88 0.15 0.00	20.26 0.21 0.00	10.08 0.09 0.00	18.06 0.13 0.00	15.10 0.09 0.00	12.34 0.06 0.00	21.40 0.08 0.00	25.73 0.05 0.00	32.54 0.18 0.00	44.28 0.45 0.00	42.88 0.22 0.00	34.88 0.30 0.00	31.16 0.24 0.00	25.58 0.16 0.00
ALCOA___DSASP 323711	34.97 0.65 0.00	33.57 0.67 0.00	31.36 0.60 0.00	29.07 0.50 0.00	29.61 0.46 0.00	30.90 0.39 0.00	30.60 0.46 0.00	27.88 0.33 0.00	24.04 0.25 0.00	21.29 0.21 0.00	13.88 0.15 0.00	20.26 0.21 0.00	10.08 0.09 0.00	18.06 0.13 0.00	15.10 0.09 0.00	12.34 0.06 0.00	21.40 0.08 0.00	25.73 0.05 0.00	32.54 0.17 0.00	44.28 0.45 0.00	42.88 0.22 0.00	34.88 0.30 0.00	31.16 0.24 0.00	25.58 0.16 0.00
ALLEGHENY___COGEN 23514	34.02 -0.31 0.00	32.39 -0.50 0.00	30.10 -0.65 0.00	27.81 -0.77 0.00	28.41 -0.74 0.00	29.77 -0.74 0.00	27.73 -1.07 1.34	56.94 -1.48 -30.87	58.55 -1.72 -36.48	41.81 -1.54 -22.27	16.52 -1.01 -3.80	43.40 -1.45 -24.79	14.98 -0.73 -5.72	48.77 -1.33 -32.16	44.04 -1.12 -30.14	36.95 -0.85 -25.51	55.68 -1.55 -35.91	63.38 -1.80 -39.49	52.27 -2.04 -21.94	41.94 -1.89 0.00	41.77 -0.89 0.00	33.64 -0.64 0.30	30.18 -0.74 0.00	24.74 -0.68 0.00
ALTAMONT_115KV_TB 2 55880	34.78 0.45 0.00	33.34 0.44 0.00	31.23 0.48 0.00	29.08 0.50 0.00	29.68 0.53 0.00	31.11 0.61 0.00	30.77 0.63 0.00	28.21 0.65 0.00	24.36 0.57 0.00	21.60 0.52 0.00	14.07 0.34 0.00	20.55 0.49 0.00	10.22 0.24 0.00	18.40 0.46 0.00	15.41 0.40 0.00	12.59 0.30 0.00	21.87 0.55 0.00	26.40 0.71 0.00	33.21 0.84 0.00	44.89 1.06 0.00	43.69 1.03 0.00	35.43 0.85 0.00	31.76 0.83 0.00	26.12 0.70 0.00
ALTONA_WT_PWR 323606	35.07 0.75 0.00	33.69 0.79 0.00	31.55 0.80 0.00	29.25 0.68 0.00	29.78 0.63 0.00	31.05 0.54 0.00	30.65 0.51 0.00	27.95 0.39 0.00	24.04 0.25 0.00	21.28 0.21 0.00	13.88 0.15 0.00	20.32 0.26 0.00	10.08 0.09 0.00	18.13 0.20 0.00	15.16 0.14 0.00	12.35 0.07 0.00	21.42 0.10 0.00	25.76 0.07 0.00	32.46 0.09 0.00	44.12 0.29 0.00	42.68 0.02 0.00	34.40 -0.18 0.00	30.73 -0.20 0.00	25.24 -0.18 0.00
AMERICAN_REF_FUEL 24010	31.69 -2.64 0.00	30.33 -2.57 0.00	28.25 -2.51 0.00	26.12 -2.45 0.00	26.63 -2.52 0.00	27.83 -2.68 0.00	26.04 -3.29 0.82	13.96 -3.29 10.31	12.05 -2.87 8.87	13.20 -2.43 5.45	11.29 -1.51 0.93	12.00 -2.00 6.07	7.53 -1.05 1.40	8.15 -1.91 7.87	6.01 -1.63 7.37	4.79 -1.25 6.24	10.17 -2.36 8.79	13.04 -2.98 9.67	23.19 -3.80 5.37	38.40 -5.43 0.00	37.72 -4.95 0.00	30.58 -3.82 0.18	27.46 -3.46 0.00	22.58 -2.84 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.86 -1.47 0.00	31.42 -1.48 0.00	29.20 -1.55 0.00	26.92 -1.65 0.00	27.70 -1.45 0.00	28.96 -1.55 0.00	26.95 -2.18 1.02	14.23 -2.49 10.84	12.71 -2.18 8.89	13.89 -1.75 5.43	11.82 -0.98 0.93	12.71 -1.30 6.05	7.85 -0.74 1.40	8.53 -1.55 7.85	6.36 -1.30 7.35	5.11 -0.95 6.22	10.70 -1.86 8.76	13.40 -2.31 9.98	24.15 -2.70 5.51	40.17 -3.66 0.00	39.25 -3.42 0.00	31.50 -2.86 0.22	28.62 -2.30 0.00	23.65 -1.77 0.00
ARTHUR KILL_GT_1 23520	36.48 2.16 0.00	34.95 2.05 0.00	32.63 1.87 0.00	30.33 1.75 0.00	30.98 1.83 0.00	32.47 1.96 0.00	32.13 1.99 0.00	29.46 1.90 0.00	25.42 1.63 0.00	22.51 1.43 0.00	14.56 0.83 0.00	21.27 1.21 0.00	10.64 0.66 0.00	19.11 1.18 0.00	16.04 1.03 0.00	13.22 0.93 0.00	22.95 1.63 0.00	27.62 1.93 0.00	39.53 2.27 -4.90	46.85 3.02 0.00	45.68 3.01 0.00	37.03 2.44 0.00	33.18 2.25 0.00	27.35 1.92 -0.01
ARTHUR_KILL_2 23512	36.39 2.07 0.00	34.87 1.97 0.00	32.55 1.80 0.00	30.26 1.68 0.00	30.91 1.76 0.00	32.39 1.88 0.00	32.06 1.91 0.00	29.39 1.84 0.00	25.36 1.58 0.00	22.45 1.38 0.00	14.54 0.81 0.00	21.23 1.17 0.00	10.63 0.64 0.00	19.08 1.15 0.00	16.01 1.00 0.00	13.20 0.91 0.00	22.90 1.58 0.00	27.55 1.87 0.00	39.48 2.21 -4.90	46.72 2.89 0.00	45.55 2.88 0.00	36.92 2.34 0.00	33.10 2.18 0.00	27.28 1.85 -0.01
ARTHUR_KILL_3 23513	35.89 1.56 0.00	34.40 1.50 0.00	32.11 1.35 0.00	29.88 1.30 0.00	30.53 1.38 0.00	32.00 1.49 0.00	31.64 1.50 0.00	29.02 1.47 0.00	25.05 1.26 0.00	22.26 1.18 0.00	14.50 0.77 0.00	21.18 1.12 0.00	10.61 0.62 0.00	19.05 1.11 0.00	15.98 0.97 0.00	13.17 0.88 0.00	22.90 1.57 0.00	27.61 1.92 0.00	39.47 2.21 -4.90	46.31 2.48 0.00	45.08 2.41 0.00	36.53 1.94 0.00	32.75 1.82 0.00	26.97 1.54 -0.01

ARTHUR_KILL_COGEN 323718	36.49 2.16 0.00	34.95 2.05 0.00	32.63 1.87 0.00	30.34 1.76 0.00	30.98 1.83 0.00	32.47 1.95 0.00	32.13 1.99 0.00	29.46 1.90 0.00	25.42 1.63 0.00	22.50 1.42 0.00	14.56 0.84 0.00	21.27 1.21 0.00	10.64 0.66 0.00	19.11 1.18 0.00	16.04 1.03 0.00	13.22 0.93 0.00	22.95 1.63 0.00	27.61 1.92 0.00	39.57 2.30 -4.90	46.85 3.02 0.00	45.68 3.01 0.00	37.02 2.43 0.00	33.18 2.26 0.00	27.35 1.92 -0.01
ASHOKAN____ 23654	35.98 1.66 0.00	34.46 1.56 0.00	32.21 1.46 0.00	29.99 1.41 0.00	30.63 1.48 0.00	32.11 1.61 0.00	31.80 1.65 0.00	29.14 1.58 0.00	25.18 1.40 0.00	22.35 1.28 0.00	14.50 0.77 0.00	21.21 1.15 0.00	10.55 0.56 0.00	18.87 0.94 0.00	15.81 0.80 0.00	12.97 0.69 0.00	22.59 1.27 0.00	27.35 1.67 0.00	34.54 2.17 0.00	46.67 2.84 0.00	45.47 2.80 0.00	36.83 2.25 0.00	32.96 2.03 0.00	27.04 1.62 0.00
ASTORIA_EAST_ENERGY_CC1 323581	36.00 1.67 0.00	34.47 1.57 0.00	32.20 1.44 0.00	29.93 1.36 0.00	30.57 1.41 0.00	31.99 1.49 0.00	31.64 1.49 0.00	29.01 1.46 0.00	25.07 1.28 0.00	22.25 1.17 0.00	14.49 0.76 0.00	21.16 1.10 0.00	10.60 0.62 0.00	19.07 1.14 0.00	16.01 0.99 0.00	13.18 0.89 0.00	22.91 1.59 0.00	27.57 1.89 0.00	34.48 2.12 0.00	46.30 2.48 0.01	45.07 2.41 0.01	36.75 1.93 -0.24	32.82 1.78 -0.11	27.01 1.58 -0.01
ASTORIA_EAST_ENERGY_CC2 323582	35.98 1.65 0.00	34.46 1.56 0.00	32.19 1.43 0.00	29.93 1.35 0.00	30.56 1.41 0.00	31.98 1.48 0.00	31.63 1.49 0.00	29.01 1.46 0.00	25.07 1.28 0.00	22.25 1.17 0.00	14.49 0.76 0.00	21.16 1.10 0.00	10.60 0.62 0.00	19.07 1.14 0.00	16.01 0.99 0.00	13.18 0.89 0.00	22.91 1.59 0.00	27.57 1.89 0.00	34.48 2.12 0.00	46.30 2.48 0.01	45.07 2.41 0.01	36.75 1.93 -0.24	32.82 1.78 -0.11	27.01 1.58 -0.01
ASTORIA_GT2_1 24094	36.00 1.67 0.00	34.47 1.57 0.00	32.20 1.45 0.00	29.94 1.36 0.00	30.57 1.41 0.00	32.00 1.49 0.00	31.65 1.50 0.00	29.02 1.47 0.00	25.08 1.29 0.00	22.26 1.19 0.00	14.49 0.76 0.00	21.17 1.11 0.00	10.61 0.62 0.00	19.08 1.14 0.00	16.01 1.00 0.00	13.19 0.90 0.00	22.92 1.60 0.00	27.59 1.90 0.00	34.50 2.14 0.00	46.32 2.50 0.01	45.09 2.43 0.01	36.77 1.95 -0.24	32.83 1.80 -0.11	27.02 1.59 -0.01
ASTORIA_GT2_2 24095	36.00 1.67 0.00	34.47 1.57 0.00	32.20 1.45 0.00	29.94 1.36 0.00	30.57 1.41 0.00	32.00 1.49 0.00	31.65 1.50 0.00	29.02 1.47 0.00	25.08 1.29 0.00	22.26 1.19 0.00	14.49 0.76 0.00	21.17 1.11 0.00	10.61 0.62 0.00	19.08 1.14 0.00	16.01 1.00 0.00	13.19 0.90 0.00	22.92 1.60 0.00	27.59 1.90 0.00	34.50 2.14 0.00	46.32 2.50 0.01	45.09 2.43 0.01	36.77 1.95 -0.24	32.83 1.80 -0.11	27.02 1.59 -0.01
ASTORIA_GT2_3 24096	36.00 1.67 0.00	34.47 1.57 0.00	32.20 1.45 0.00	29.94 1.36 0.00	30.57 1.41 0.00	32.00 1.49 0.00	31.65 1.50 0.00	29.02 1.47 0.00	25.08 1.29 0.00	22.26 1.19 0.00	14.49 0.76 0.00	21.17 1.11 0.00	10.61 0.62 0.00	19.08 1.14 0.00	16.01 1.00 0.00	13.19 0.90 0.00	22.92 1.60 0.00	27.59 1.90 0.00	34.50 2.14 0.00	46.32 2.50 0.01	45.09 2.43 0.01	36.77 1.95 -0.24	32.83 1.80 -0.11	27.02 1.59 -0.01
ASTORIA_GT2_4 24097	36.00 1.67 0.00	34.47 1.57 0.00	32.20 1.45 0.00	29.94 1.36 0.00	30.57 1.41 0.00	32.00 1.49 0.00	31.65 1.50 0.00	29.02 1.47 0.00	25.08 1.29 0.00	22.26 1.19 0.00	14.49 0.76 0.00	21.17 1.11 0.00	10.61 0.62 0.00	19.08 1.14 0.00	16.01 1.00 0.00	13.19 0.90 0.00	22.92 1.60 0.00	27.59 1.90 0.00	34.50 2.14 0.00	46.32 2.50 0.01	45.09 2.43 0.01	36.77 1.95 -0.24	32.83 1.80 -0.11	27.02 1.59 -0.01
ASTORIA_GT3_1 24098	36.00 1.67 0.00	34.47 1.57 0.00	32.20 1.45 0.00	29.94 1.36 0.00	30.57 1.41 0.00	32.00 1.49 0.00	31.65 1.50 0.00	29.02 1.47 0.00	25.08 1.29 0.00	22.26 1.19 0.00	14.49 0.76 0.00	21.17 1.11 0.00	10.61 0.62 0.00	19.08 1.14 0.00	16.01 1.00 0.00	13.19 0.90 0.00	22.92 1.60 0.00	27.59 1.90 0.00	34.50 2.14 0.00	46.32 2.50 0.01	45.09 2.43 0.01	36.77 1.95 -0.24	32.83 1.80 -0.11	27.02 1.59 -0.01
ASTORIA_GT3_2 24099	36.00 1.67 0.00	34.47 1.57 0.00	32.20 1.45 0.00	29.94 1.36 0.00	30.57 1.41 0.00	32.00 1.49 0.00	31.65 1.50 0.00	29.02 1.47 0.00	25.08 1.29 0.00	22.26 1.19 0.00	14.49 0.76 0.00	21.17 1.11 0.00	10.61 0.62 0.00	19.08 1.14 0.00	16.01 1.00 0.00	13.19 0.90 0.00	22.92 1.60 0.00	27.59 1.90 0.00	34.50 2.14 0.00	46.32 2.50 0.01	45.09 2.43 0.01	36.77 1.95 -0.24	32.83 1.80 -0.11	27.02 1.59 -0.01
ASTORIA_GT3_3 24100	36.00 1.67 0.00	34.47 1.57 0.00	32.20 1.45 0.00	29.94 1.36 0.00	30.57 1.41 0.00	32.00 1.49 0.00	31.65 1.50 0.00	29.02 1.47 0.00	25.08 1.29 0.00	22.26 1.19 0.00	14.49 0.76 0.00	21.17 1.11 0.00	10.61 0.62 0.00	19.08 1.14 0.00	16.01 1.00 0.00	13.19 0.90 0.00	22.92 1.60 0.00	27.59 1.90 0.00	34.50 2.14 0.00	46.32 2.50 0.01	45.09 2.43 0.01	36.77 1.95 -0.24	32.83 1.80 -0.11	27.02 1.59 -0.01
ASTORIA_GT3_4 24101	36.00 1.67 0.00	34.47 1.57 0.00	32.20 1.45 0.00	29.94 1.36 0.00	30.57 1.41 0.00	32.00 1.49 0.00	31.65 1.50 0.00	29.02 1.47 0.00	25.08 1.29 0.00	22.26 1.19 0.00	14.49 0.76 0.00	21.17 1.11 0.00	10.61 0.62 0.00	19.08 1.14 0.00	16.01 1.00 0.00	13.19 0.90 0.00	22.92 1.60 0.00	27.59 1.90 0.00	34.50 2.14 0.00	46.32 2.50 0.01	45.09 2.43 0.01	36.77 1.95 -0.24	32.83 1.80 -0.11	27.02 1.59 -0.01
ASTORIA_GT4_1 24102	36.00 1.67 0.00	34.47 1.57 0.00	32.20 1.45 0.00	29.94 1.36 0.00	30.57 1.41 0.00	32.00 1.49 0.00	31.65 1.50 0.00	29.02 1.47 0.00	25.08 1.29 0.00	22.26 1.19 0.00	14.49 0.76 0.00	21.17 1.11 0.00	10.61 0.62 0.00	19.08 1.14 0.00	16.01 1.00 0.00	13.19 0.90 0.00	22.92 1.60 0.00	27.59 1.90 0.00	34.50 2.14 0.00	46.32 2.50 0.01	45.09 2.43 0.01	36.77 1.95 -0.24	32.83 1.80 -0.11	27.02 1.59 -0.01
ASTORIA_GT4_2 24103	36.00 1.67 0.00	34.47 1.57 0.00	32.20 1.45 0.00	29.94 1.36 0.00	30.57 1.41 0.00	32.00 1.49 0.00	31.65 1.50 0.00	29.02 1.47 0.00	25.08 1.29 0.00	22.26 1.19 0.00	14.49 0.76 0.00	21.17 1.11 0.00	10.61 0.62 0.00	19.08 1.14 0.00	16.01 1.00 0.00	13.19 0.90 0.00	22.92 1.60 0.00	27.59 1.90 0.00	34.50 2.14 0.00	46.32 2.50 0.01	45.09 2.43 0.01	36.77 1.95 -0.24	32.83 1.80 -0.11	27.02 1.59 -0.01
ASTORIA_GT4_3 24104	36.00 1.67 0.00	34.47 1.57 0.00	32.20 1.45 0.00	29.94 1.36 0.00	30.57 1.41 0.00	32.00 1.49 0.00	31.65 1.50 0.00	29.02 1.47 0.00	25.08 1.29 0.00	22.26 1.19 0.00	14.49 0.76 0.00	21.17 1.11 0.00	10.61 0.62 0.00	19.08 1.14 0.00	16.01 1.00 0.00	13.19 0.90 0.00	22.92 1.60 0.00	27.59 1.90 0.00	34.50 2.14 0.00	46.32 2.50 0.01	45.09 2.43 0.01	36.77 1.95 -0.24	32.83 1.80 -0.11	27.02 1.59 -0.01

ASTORIA_GT4_4 24105	36.00 1.67 0.00	34.47 1.57 0.00	32.20 1.45 0.00	29.94 1.36 0.00	30.57 1.41 0.00	32.00 1.49 0.00	31.65 1.50 0.00	29.02 1.47 0.00	25.08 1.29 0.00	22.26 1.19 0.00	14.49 0.76 0.00	21.17 1.11 0.00	10.61 0.62 0.00	19.08 1.14 0.00	16.01 1.00 0.00	13.19 0.90 0.00	22.92 1.60 0.00	27.59 1.90 0.00	34.50 2.14 0.00	46.32 2.50 0.01	45.09 2.43 0.01	36.77 1.95 -0.24	32.83 1.80 -0.11	27.02 1.59 -0.01
ASTORIA_GT_1 23523	36.04 1.72 0.00	34.51 1.61 0.00	32.25 1.49 0.00	29.97 1.39 0.00	30.60 1.45 0.00	32.04 1.53 0.00	31.69 1.54 0.00	29.07 1.51 0.00	25.10 1.32 0.00	22.29 1.22 0.00	14.51 0.78 0.00	21.19 1.14 0.00	10.62 0.63 0.00	19.10 1.17 0.00	16.03 1.02 0.00	13.21 0.92 0.00	22.95 1.63 0.00	27.63 1.94 0.00	34.55 2.19 0.00	46.39 2.58 0.01	45.15 2.49 0.01	36.82 2.00 -0.24	32.88 1.85 -0.11	27.06 1.63 -0.01
ASTORIA_GT_10 24110	36.11 1.79 0.00	34.64 1.74 0.00	32.37 1.62 0.00	30.09 1.52 0.00	30.74 1.59 0.00	32.19 1.68 0.00	31.85 1.71 0.00	29.24 1.68 0.00	25.26 1.48 0.00	22.44 1.37 0.00	14.61 0.88 0.00	21.34 1.28 0.00	10.68 0.70 0.00	19.18 1.25 0.00	16.10 1.09 0.00	13.26 0.97 0.00	23.04 1.71 0.00	27.73 2.05 0.00	34.72 2.36 0.00	46.64 2.81 0.00	45.40 2.73 0.00	36.78 2.20 0.00	32.96 2.04 0.00	27.17 1.75 -0.01
ASTORIA_GT_11 24225	36.11 1.79 0.00	34.64 1.74 0.00	32.37 1.62 0.00	30.09 1.52 0.00	30.74 1.59 0.00	32.19 1.68 0.00	31.85 1.71 0.00	29.24 1.68 0.00	25.26 1.48 0.00	22.44 1.37 0.00	14.61 0.88 0.00	21.34 1.28 0.00	10.68 0.70 0.00	19.18 1.25 0.00	16.10 1.09 0.00	13.26 0.97 0.00	23.04 1.71 0.00	27.73 2.05 0.00	34.72 2.36 0.00	46.64 2.81 0.00	45.40 2.73 0.00	36.78 2.20 0.00	32.96 2.04 0.00	27.17 1.75 -0.01
ASTORIA_GT_12 24226	36.11 1.79 0.00	34.64 1.74 0.00	32.37 1.62 0.00	30.09 1.52 0.00	30.74 1.59 0.00	32.19 1.68 0.00	31.85 1.71 0.00	29.24 1.68 0.00	25.26 1.48 0.00	22.44 1.37 0.00	14.61 0.88 0.00	21.34 1.28 0.00	10.68 0.70 0.00	19.18 1.25 0.00	16.10 1.09 0.00	13.26 0.97 0.00	23.04 1.71 0.00	27.73 2.05 0.00	34.72 2.36 0.00	46.64 2.81 0.00	45.40 2.73 0.00	36.78 2.20 0.00	32.96 2.04 0.00	27.17 1.75 -0.01
ASTORIA_GT_13 24227	36.11 1.79 0.00	34.64 1.74 0.00	32.37 1.62 0.00	30.09 1.52 0.00	30.74 1.59 0.00	32.19 1.68 0.00	31.85 1.71 0.00	29.24 1.68 0.00	25.26 1.48 0.00	22.44 1.37 0.00	14.61 0.88 0.00	21.34 1.28 0.00	10.68 0.70 0.00	19.18 1.25 0.00	16.10 1.09 0.00	13.26 0.97 0.00	23.04 1.71 0.00	27.73 2.05 0.00	34.72 2.36 0.00	46.64 2.81 0.00	45.40 2.73 0.00	36.78 2.20 0.00	32.96 2.04 0.00	27.17 1.75 -0.01
ASTORIA_GT_5 24106	36.04 1.72 0.00	34.51 1.61 0.00	32.25 1.49 0.00	29.97 1.39 0.00	30.60 1.45 0.00	32.04 1.53 0.00	31.69 1.54 0.00	29.07 1.51 0.00	25.10 1.32 0.00	22.29 1.22 0.00	14.51 0.78 0.00	21.19 1.14 0.00	10.62 0.63 0.00	19.10 1.17 0.00	16.03 1.02 0.00	13.21 0.92 0.00	22.95 1.63 0.00	27.63 1.94 0.00	34.55 2.19 0.00	46.39 2.58 0.01	45.15 2.49 0.01	36.82 2.00 -0.24	32.88 1.85 -0.11	27.06 1.63 -0.01
ASTORIA_GT_7 24107	36.04 1.72 0.00	34.51 1.61 0.00	32.25 1.49 0.00	29.97 1.39 0.00	30.60 1.45 0.00	32.04 1.53 0.00	31.69 1.54 0.00	29.07 1.51 0.00	25.10 1.32 0.00	22.29 1.22 0.00	14.51 0.78 0.00	21.19 1.14 0.00	10.62 0.63 0.00	19.10 1.17 0.00	16.03 1.02 0.00	13.21 0.92 0.00	22.95 1.63 0.00	27.63 1.94 0.00	34.55 2.19 0.00	46.39 2.58 0.01	45.15 2.49 0.01	36.82 2.00 -0.24	32.88 1.85 -0.11	27.06 1.63 -0.01
ASTORIA_GT_8 24108	36.04 1.72 0.00	34.51 1.61 0.00	32.25 1.49 0.00	29.97 1.39 0.00	30.60 1.45 0.00	32.04 1.53 0.00	31.69 1.54 0.00	29.07 1.51 0.00	25.10 1.32 0.00	22.29 1.22 0.00	14.51 0.78 0.00	21.19 1.14 0.00	10.62 0.63 0.00	19.10 1.17 0.00	16.03 1.02 0.00	13.21 0.92 0.00	22.95 1.63 0.00	27.63 1.94 0.00	34.55 2.19 0.00	46.39 2.58 0.01	45.15 2.49 0.01	36.82 2.00 -0.24	32.88 1.85 -0.11	27.06 1.63 -0.01
ASTORIA___2 24149	36.00 1.67 0.00	34.47 1.57 0.00	32.20 1.44 0.00	29.93 1.36 0.00	30.57 1.41 0.00	31.99 1.49 0.00	31.65 1.50 0.00	29.01 1.46 0.00	25.08 1.29 0.00	22.26 1.18 0.00	14.49 0.76 0.00	21.17 1.11 0.00	10.61 0.62 0.00	19.08 1.14 0.00	16.01 1.00 0.00	13.19 0.90 0.00	22.91 1.59 0.00	27.58 1.90 0.00	34.50 2.14 0.00	46.32 2.51 0.01	45.09 2.43 0.01	36.77 1.95 -0.24	32.82 1.79 -0.11	27.01 1.58 -0.01
ASTORIA___3 23516	36.11 1.79 0.00	34.64 1.75 0.00	32.37 1.62 0.00	30.10 1.52 0.00	30.74 1.59 0.00	32.19 1.68 0.00	31.85 1.71 0.00	29.24 1.68 0.00	25.26 1.48 0.00	22.44 1.36 0.00	14.61 0.88 0.00	21.34 1.28 0.00	10.68 0.70 0.00	19.18 1.25 0.00	16.10 1.09 0.00	13.26 0.97 0.00	23.04 1.72 0.00	27.73 2.04 0.00	34.73 2.36 0.00	46.64 2.81 0.00	45.40 2.73 0.00	36.78 2.20 0.00	32.96 2.04 0.00	27.17 1.74 -0.01
ASTORIA___4 23517	36.11 1.79 0.00	34.64 1.74 0.00	32.37 1.62 0.00	30.09 1.52 0.00	30.74 1.59 0.00	32.19 1.68 0.00	31.85 1.71 0.00	29.24 1.68 0.00	25.26 1.48 0.00	22.44 1.37 0.00	14.61 0.88 0.00	21.34 1.28 0.00	10.68 0.70 0.00	19.18 1.25 0.00	16.10 1.09 0.00	13.26 0.97 0.00	23.04 1.71 0.00	27.73 2.05 0.00	34.72 2.36 0.00	46.64 2.81 0.00	45.40 2.73 0.00	36.78 2.20 0.00	32.96 2.04 0.00	27.17 1.75 -0.01
ASTORIA___5 23518	36.11 1.79 0.00	34.64 1.75 0.00	32.37 1.62 0.00	30.10 1.52 0.00	30.74 1.59 0.00	32.19 1.68 0.00	31.85 1.71 0.00	29.24 1.68 0.00	25.26 1.48 0.00	22.44 1.36 0.00	14.61 0.88 0.00	21.34 1.28 0.00	10.68 0.70 0.00	19.18 1.25 0.00	16.10 1.09 0.00	13.26 0.97 0.00	23.04 1.72 0.00	27.73 2.04 0.00	34.73 2.36 0.00	46.64 2.81 0.00	45.40 2.73 0.00	36.78 2.20 0.00	32.96 2.04 0.00	27.17 1.74 -0.01
AST_ENERGY_2_CC3 323677	36.02 1.69 0.00	34.52 1.62 0.00	32.25 1.49 0.00	30.01 1.43 0.00	30.65 1.50 0.00	32.12 1.61 0.00	31.76 1.61 0.00	29.13 1.58 0.00	25.15 1.36 0.00	22.35 1.27 0.00	14.54 0.82 0.00	21.25 1.19 0.00	10.64 0.65 0.00	19.11 1.18 0.00	16.04 1.03 0.00	13.21 0.93 0.00	22.96 1.64 0.00	27.67 1.98 0.00	34.63 2.26 0.00	46.40 2.58 0.00	45.16 2.49 0.00	36.62 2.04 0.00	32.85 1.93 0.00	27.07 1.64 -0.01
AST_ENERGY_2_CC4 323678	36.02 1.69 0.00	34.52 1.62 0.00	32.25 1.49 0.00	30.01 1.43 0.00	30.65 1.50 0.00	32.12 1.61 0.00	31.76 1.61 0.00	29.13 1.58 0.00	25.15 1.36 0.00	22.35 1.27 0.00	14.54 0.82 0.00	21.25 1.19 0.00	10.64 0.65 0.00	19.11 1.18 0.00	16.04 1.03 0.00	13.21 0.93 0.00	22.96 1.64 0.00	27.67 1.98 0.00	34.63 2.26 0.00	46.40 2.58 0.00	45.16 2.49 0.00	36.62 2.04 0.00	32.85 1.93 0.00	27.07 1.64 -0.01

ATHENS_STG_1 23668	35.02 0.70 0.00	33.57 0.68 0.00	31.45 0.69 0.00	29.29 0.71 0.00	29.91 0.76 0.00	31.35 0.84 0.00	30.99 0.85 0.00	28.40 0.84 0.00	24.52 0.73 0.00	21.75 0.68 0.00	14.17 0.45 0.00	20.72 0.66 0.00	10.34 0.35 0.00	18.60 0.66 0.00	15.59 0.58 0.00	12.75 0.47 0.00	22.16 0.84 0.00	26.73 1.04 0.00	33.57 1.21 0.00	45.24 1.41 0.00	44.04 1.37 0.00	35.71 1.13 0.00	32.01 1.08 0.00	26.33 0.91 0.00
ATHENS_STG_2 23670	35.02 0.70 0.00	33.57 0.68 0.00	31.45 0.69 0.00	29.29 0.71 0.00	29.91 0.76 0.00	31.35 0.84 0.00	30.99 0.85 0.00	28.40 0.84 0.00	24.52 0.73 0.00	21.75 0.68 0.00	14.17 0.45 0.00	20.72 0.66 0.00	10.34 0.35 0.00	18.60 0.66 0.00	15.59 0.58 0.00	12.75 0.47 0.00	22.16 0.84 0.00	26.73 1.04 0.00	33.57 1.21 0.00	45.24 1.41 0.00	44.04 1.37 0.00	35.71 1.13 0.00	32.01 1.08 0.00	26.33 0.91 0.00
ATHENS_STG_3 23677	35.02 0.70 0.00	33.57 0.68 0.00	31.45 0.69 0.00	29.29 0.71 0.00	29.91 0.76 0.00	31.35 0.84 0.00	30.99 0.85 0.00	28.40 0.84 0.00	24.52 0.73 0.00	21.75 0.68 0.00	14.17 0.45 0.00	20.72 0.66 0.00	10.34 0.35 0.00	18.60 0.66 0.00	15.59 0.58 0.00	12.75 0.47 0.00	22.16 0.84 0.00	26.73 1.04 0.00	33.57 1.21 0.00	45.24 1.41 0.00	44.04 1.37 0.00	35.71 1.13 0.00	32.01 1.08 0.00	26.33 0.91 0.00
AUBURN____LFGE 323710	34.01 -0.32 0.00	32.54 -0.36 0.00	30.36 -0.40 0.00	28.12 -0.46 0.00	28.67 -0.48 0.00	30.03 -0.48 0.00	29.90 -0.57 -0.32	27.74 -0.62 -0.80	23.25 -0.54 0.00	20.53 -0.55 0.00	13.29 -0.44 0.00	19.43 -0.63 0.00	9.69 -0.29 0.00	17.42 -0.52 0.00	14.58 -0.43 0.00	11.92 -0.37 0.00	20.75 -0.57 0.00	25.08 -0.60 0.00	31.63 -0.74 0.00	43.13 -0.69 0.00	42.19 -0.48 0.00	34.25 -0.40 -0.07	30.53 -0.39 0.00	24.99 -0.43 0.00
BABYLON_RES_REC 323704	45.22 2.37 -8.53	44.60 2.48 -9.23	33.79 2.25 -0.78	30.63 2.06 0.00	31.27 2.12 0.00	32.73 2.23 0.00	32.25 2.11 0.00	29.49 1.94 0.00	25.46 1.67 0.00	22.64 1.56 0.00	14.77 1.03 0.00	21.53 1.47 0.00	10.75 0.77 0.00	19.31 1.38 0.00	16.66 1.17 -0.47	18.76 1.09 -5.38	30.77 1.91 -7.54	35.20 2.23 -7.28	42.07 2.62 -7.08	47.39 3.00 -0.55	52.12 3.16 -6.30	42.79 2.61 -5.60	41.16 2.53 -7.70	39.47 2.14 -11.90
BALL_HILL_WT_PWR 323825	32.74 -1.58 0.00	31.28 -1.62 0.00	29.12 -1.64 0.00	26.88 -1.70 0.00	27.48 -1.67 0.00	28.72 -1.79 0.00	26.86 -2.33 0.96	11.88 -2.47 13.21	10.06 -2.15 11.58	12.21 -1.79 7.07	11.45 -1.07 1.21	10.76 -1.43 7.87	7.42 -0.75 1.82	6.26 -1.46 10.21	4.20 -1.25 9.57	3.26 -0.93 8.10	8.14 -1.78 11.40	10.91 -2.20 12.58	22.69 -2.69 6.99	40.08 -3.75 0.00	39.25 -3.41 0.00	31.62 -2.75 0.21	28.51 -2.42 0.00	23.48 -1.94 0.00
BARON_WINDS____WT_PWR 323822	32.86 -1.47 0.00	31.24 -1.66 0.00	28.98 -1.77 0.00	26.72 -1.86 0.00	27.33 -1.82 0.00	28.62 -1.89 0.00	26.34 -2.11 1.69	-35.93 -2.03 61.45	-39.18 -1.83 61.14	-17.89 -1.64 37.32	6.24 -1.12 6.37	-23.14 -1.66 41.54	-0.42 -0.82 9.59	-37.42 -1.44 53.91	-36.72 -1.22 50.51	-31.39 -0.92 42.76	-40.54 -1.68 60.18	-42.43 -1.94 66.18	-6.69 -2.28 36.77	41.23 -2.59 0.00	40.60 -2.07 0.00	32.42 -1.79 0.37	29.27 -1.65 0.00	24.06 -1.36 0.00
BARRETT_IC_1 23704	130.61 1.95 -94.34	125.50 1.99 -90.62	120.98 1.82 -88.41	122.72 1.69 -92.44	111.65 1.76 -80.74	136.23 1.86 -103.86	130.68 1.84 -98.70	96.15 1.68 -66.92	84.15 1.48 -58.89	112.70 1.42 -90.20	71.55 0.92 -56.91	53.52 1.30 -32.16	70.51 0.69 -59.83	66.55 1.24 -47.37	54.65 1.06 -38.58	76.05 0.98 -62.78	105.55 1.70 -82.54	137.49 1.97 -109.83	183.94 2.28 -149.29	149.81 2.51 -103.47	186.66 2.64 -141.36	192.67 2.18 -155.91	145.33 2.07 -112.34	145.50 1.78 -118.30
BARRETT_IC_10 23701	115.66 1.95 -79.39	125.50 1.99 -90.62	120.98 1.82 -88.41	122.72 1.69 -92.44	111.65 1.76 -80.74	126.66 1.86 -94.29	59.23 1.84 -27.25	47.65 1.68 -18.42	41.48 1.48 -16.21	47.33 1.42 -24.84	54.20 0.92 -39.55	53.52 1.30 -32.16	63.23 0.69 -52.55	50.40 1.24 -31.23	53.52 1.06 -37.45	55.73 0.98 -42.45	55.08 1.70 -32.07	77.20 1.97 -49.54	80.68 2.28 -46.03	75.15 2.51 -28.82	87.83 2.64 -42.52	72.81 2.18 -36.05	64.48 2.07 -31.48	68.03 1.78 -40.83
BARRETT_IC_11 23702	115.66 1.95 -79.39	125.50 1.99 -90.62	120.98 1.82 -88.41	122.72 1.69 -92.44	111.65 1.76 -80.74	126.66 1.86 -94.29	59.23 1.84 -27.25	47.65 1.68 -18.42	41.48 1.48 -16.21	47.33 1.42 -24.84	54.20 0.92 -39.55	53.52 1.30 -32.16	63.23 0.69 -52.55	50.40 1.24 -31.23	53.52 1.06 -37.45	55.73 0.98 -42.45	55.08 1.70 -32.07	77.20 1.97 -49.54	80.68 2.28 -46.03	75.15 2.51 -28.82	87.83 2.64 -42.52	72.81 2.18 -36.05	64.48 2.07 -31.48	68.03 1.78 -40.83
BARRETT_IC_12 23703	115.66 1.95 -79.39	125.50 1.99 -90.62	120.98 1.82 -88.41	122.72 1.69 -92.44	111.65 1.76 -80.74	126.66 1.86 -94.29	59.23 1.84 -27.25	47.65 1.68 -18.42	41.48 1.48 -16.21	47.33 1.42 -24.84	54.20 0.92 -39.55	53.52 1.30 -32.16	63.23 0.69 -52.55	50.40 1.24 -31.23	53.52 1.06 -37.45	55.73 0.98 -42.45	55.08 1.70 -32.07	77.20 1.97 -49.54	80.68 2.28 -46.03	75.15 2.51 -28.82	87.83 2.64 -42.52	72.81 2.18 -36.05	64.48 2.07 -31.48	68.03 1.78 -40.83
BARRETT_IC_2 23705	130.61 1.95 -94.34	125.50 1.99 -90.62	120.98 1.82 -88.41	122.72 1.69 -92.44	111.65 1.76 -80.74	136.23 1.86 -103.86	130.68 1.84 -98.70	96.15 1.68 -66.92	84.15 1.48 -58.89	112.70 1.42 -90.20	71.55 0.92 -56.91	53.52 1.30 -32.16	70.51 0.69 -59.83	66.55 1.24 -47.37	54.65 1.06 -38.58	76.05 0.98 -62.78	105.55 1.70 -82.54	137.49 1.97 -109.83	183.94 2.28 -149.29	149.81 2.51 -103.47	186.66 2.64 -141.36	192.67 2.18 -155.91	145.33 2.07 -112.34	145.50 1.78 -118.30
BARRETT_IC_3 23706	130.61 1.95 -94.34	125.50 1.99 -90.62	120.98 1.82 -88.41	122.72 1.69 -92.44	111.65 1.76 -80.74	136.23 1.86 -103.86	130.68 1.84 -98.70	96.15 1.68 -66.92	84.15 1.48 -58.89	112.70 1.42 -90.20	71.55 0.92 -56.91	53.52 1.30 -32.16	70.51 0.69 -59.83	66.55 1.24 -47.37	54.65 1.06 -38.58	76.05 0.98 -62.78	105.55 1.70 -82.54	137.49 1.97 -109.83	183.94 2.28 -149.29	149.81 2.51 -103.47	186.66 2.64 -141.36	192.67 2.18 -155.91	145.33 2.07 -112.34	145.50 1.78 -118.30
BARRETT_IC_4 23707	130.61 1.95 -94.34	125.50 1.99 -90.62	120.98 1.82 -88.41	122.72 1.69 -92.44	111.65 1.76 -80.74	136.23 1.86 -103.86	130.68 1.84 -98.70	96.15 1.68 -66.92	84.15 1.48 -58.89	112.70 1.42 -90.20	71.55 0.92 -56.91	53.52 1.30 -32.16	70.51 0.69 -59.83	66.55 1.24 -47.37	54.65 1.06 -38.58	76.05 0.98 -62.78	105.55 1.70 -82.54	137.49 1.97 -109.83	183.94 2.28 -149.29	149.81 2.51 -103.47	186.66 2.64 -141.36	192.67 2.18 -155.91	145.33 2.07 -112.34	145.50 1.78 -118.30
BARRETT_IC_5 23708	130.61 1.95 -94.34	125.50 1.99 -90.62	120.98 1.82 -88.41	122.72 1.69 -92.44	111.65 1.76 -80.74	136.23 1.86 -103.86	130.68 1.84 -98.70	96.15 1.68 -66.92	84.15 1.48 -58.89	112.70 1.42 -90.20	71.55 0.92 -56.91	53.52 1.30 -32.16	70.51 0.69 -59.83	66.55 1.24 -47.37	54.65 1.06 -38.58	76.05 0.98 -62.78	105.55 1.70 -82.54	137.49 1.97 -109.83	183.94 2.28 -149.29	149.81 2.51 -103.47	186.66 2.64 -141.36	192.67 2.18 -155.91	145.33 2.07 -112.34	145.50 1.78 -118.30

BARRETT_IC_6 23709	130.61 1.95 -94.34	125.50 1.99 -90.62	120.98 1.82 -88.41	122.72 1.69 -92.44	111.65 1.76 -80.74	136.23 1.86 -103.86	130.68 1.84 -98.70	96.15 1.68 -66.92	84.15 1.48 -58.89	112.70 1.42 -90.20	71.55 0.92 -56.91	53.52 1.30 -32.16	70.51 0.69 -59.83	66.55 1.24 -47.37	54.65 1.06 -38.58	76.05 0.98 -62.78	105.55 1.70 -82.54	137.49 1.97 -109.83	183.94 2.28 -149.29	149.81 2.51 -103.47	186.66 2.64 -141.36	192.67 2.18 -155.91	145.33 2.07 -112.34	145.50 1.78 -118.30
BARRETT_IC_7 23710	130.66 2.00 -94.34	125.52 2.00 -90.62	121.00 1.84 -88.41	122.74 1.72 -92.44	111.67 1.78 -80.74	136.26 1.89 -103.86	130.68 1.84 -98.70	96.16 1.68 -66.92	84.16 1.49 -58.89	112.71 1.43 -90.20	71.56 0.93 -56.91	53.54 1.32 -32.16	70.52 0.70 -59.83	66.57 1.26 -47.37	54.67 1.07 -38.58	76.07 0.99 -62.78	105.57 1.71 -82.54	137.56 2.04 -109.83	183.94 2.29 -149.29	149.81 2.51 -103.47	186.66 2.64 -141.36	192.67 2.18 -155.91	145.34 2.08 -112.34	145.51 1.79 -118.30
BARRETT_IC_8 23711	130.61 1.95 -94.34	125.50 1.99 -90.62	120.98 1.82 -88.41	122.72 1.69 -92.44	111.65 1.76 -80.74	136.23 1.86 -103.86	130.68 1.84 -98.70	96.15 1.68 -66.92	84.15 1.48 -58.89	112.70 1.42 -90.20	71.55 0.92 -56.91	53.52 1.30 -32.16	70.51 0.69 -59.83	66.55 1.24 -47.37	54.65 1.06 -38.58	76.05 0.98 -62.78	105.55 1.70 -82.54	137.49 1.97 -109.83	183.94 2.28 -149.29	149.81 2.51 -103.47	186.66 2.64 -141.36	192.67 2.18 -155.91	145.33 2.07 -112.34	145.50 1.78 -118.30
BARRETT_IC_9 23700	115.66 1.95 -79.39	125.50 1.99 -90.62	120.98 1.82 -88.41	122.72 1.69 -92.44	111.65 1.76 -80.74	126.66 1.86 -94.29	59.23 1.84 -27.25	47.65 1.68 -18.42	41.48 1.48 -16.21	47.33 1.42 -24.84	54.20 0.92 -39.55	53.52 1.30 -32.16	63.23 0.69 -52.55	50.40 1.24 -31.23	53.52 1.06 -37.45	55.73 0.98 -42.45	55.08 1.70 -32.07	77.20 1.97 -49.54	80.68 2.28 -46.03	75.15 2.51 -28.82	87.83 2.64 -42.52	72.81 2.18 -36.05	64.48 2.07 -31.48	68.03 1.78 -40.83
BARRETT___1 23545	130.61 1.95 -94.34	125.50 1.99 -90.62	120.98 1.82 -88.41	122.72 1.69 -92.44	111.65 1.76 -80.74	136.23 1.86 -103.86	130.68 1.84 -98.70	96.15 1.68 -66.92	84.15 1.48 -58.89	112.70 1.42 -90.20	71.55 0.92 -56.91	53.52 1.30 -32.16	70.51 0.69 -59.83	66.55 1.24 -47.37	54.65 1.06 -38.58	76.05 0.98 -62.78	105.55 1.70 -82.54	137.49 1.97 -109.83	183.94 2.28 -149.29	149.81 2.51 -103.47	186.66 2.64 -141.36	192.67 2.18 -155.91	145.33 2.07 -112.34	145.50 1.78 -118.30
BARRETT___2 23546	115.66 1.95 -79.39	125.50 1.99 -90.62	120.98 1.82 -88.41	122.72 1.69 -92.44	111.65 1.76 -80.74	126.66 1.86 -94.29	59.23 1.84 -27.25	47.65 1.68 -18.42	41.48 1.48 -16.21	47.33 1.42 -24.84	54.20 0.92 -39.55	53.52 1.30 -32.16	63.23 0.69 -52.55	50.40 1.24 -31.23	53.52 1.06 -37.45	55.73 0.98 -42.45	55.08 1.70 -32.07	77.20 1.97 -49.54	80.68 2.28 -46.03	75.15 2.51 -28.82	87.83 2.64 -42.52	72.81 2.18 -36.05	64.48 2.07 -31.48	68.03 1.78 -40.83
BATAVIA___115KV_TB1 55881	33.15 -1.18 0.00	31.69 -1.20 0.00	29.52 -1.24 0.00	27.32 -1.26 0.00	27.85 -1.30 0.00	29.14 -1.37 0.00	27.54 -1.91 0.70	18.17 -2.16 7.22	15.85 -2.07 5.88	15.73 -1.75 3.60	11.99 -1.13 0.61	14.53 -1.52 4.01	8.26 -0.79 0.93	11.22 -1.51 5.20	8.85 -1.29 4.87	7.16 -1.00 4.13	13.66 -1.85 5.81	17.01 -2.29 6.39	26.16 -2.66 3.55	40.50 -3.33 0.00	39.94 -2.73 0.00	32.34 -2.09 0.15	28.95 -1.97 0.00	23.75 -1.67 0.00
BAYONEEC___CTG1 323682	36.06 1.74 0.00	34.57 1.67 0.00	32.28 1.52 0.00	30.03 1.45 0.00	30.68 1.53 0.00	32.15 1.64 0.00	31.78 1.64 0.00	29.16 1.60 0.00	25.17 1.38 0.00	22.37 1.29 0.00	14.56 0.83 0.00	21.27 1.21 0.00	10.65 0.66 0.00	19.12 1.18 0.00	16.05 1.03 0.00	13.22 0.93 0.00	22.97 1.65 0.00	27.68 1.99 0.00	36.85 2.30 -2.18	46.49 2.66 0.00	45.24 2.57 0.00	36.67 2.09 0.00	32.88 1.96 0.00	27.09 1.66 -0.01
BAYONEEC___CTG10 323750	36.06 1.74 0.00	34.57 1.67 0.00	32.28 1.52 0.00	30.03 1.45 0.00	30.68 1.53 0.00	32.15 1.64 0.00	31.78 1.64 0.00	29.16 1.60 0.00	25.17 1.38 0.00	22.37 1.29 0.00	14.56 0.83 0.00	21.27 1.21 0.00	10.65 0.66 0.00	19.12 1.18 0.00	16.05 1.03 0.00	13.22 0.93 0.00	22.97 1.65 0.00	27.68 1.99 0.00	36.85 2.30 -2.18	46.49 2.66 0.00	45.24 2.57 0.00	36.67 2.09 0.00	32.88 1.96 0.00	27.09 1.66 -0.01
BAYONEEC___CTG2 323683	36.06 1.74 0.00	34.57 1.67 0.00	32.28 1.52 0.00	30.03 1.45 0.00	30.68 1.53 0.00	32.15 1.64 0.00	31.78 1.64 0.00	29.16 1.60 0.00	25.17 1.38 0.00	22.37 1.29 0.00	14.56 0.83 0.00	21.27 1.21 0.00	10.65 0.66 0.00	19.12 1.18 0.00	16.05 1.03 0.00	13.22 0.93 0.00	22.97 1.65 0.00	27.68 1.99 0.00	36.85 2.30 -2.18	46.49 2.66 0.00	45.24 2.57 0.00	36.67 2.09 0.00	32.88 1.96 0.00	27.09 1.66 -0.01
BAYONEEC___CTG3 323684	36.06 1.74 0.00	34.57 1.67 0.00	32.28 1.52 0.00	30.03 1.45 0.00	30.68 1.53 0.00	32.15 1.64 0.00	31.78 1.64 0.00	29.16 1.60 0.00	25.17 1.38 0.00	22.37 1.29 0.00	14.56 0.83 0.00	21.27 1.21 0.00	10.65 0.66 0.00	19.12 1.18 0.00	16.05 1.03 0.00	13.22 0.93 0.00	22.97 1.65 0.00	27.68 1.99 0.00	36.85 2.30 -2.18	46.49 2.66 0.00	45.24 2.57 0.00	36.67 2.09 0.00	32.88 1.96 0.00	27.09 1.66 -0.01
BAYONEEC___CTG4 323685	36.06 1.74 0.00	34.57 1.67 0.00	32.28 1.52 0.00	30.03 1.45 0.00	30.68 1.53 0.00	32.15 1.64 0.00	31.78 1.64 0.00	29.16 1.60 0.00	25.17 1.38 0.00	22.37 1.29 0.00	14.56 0.83 0.00	21.27 1.21 0.00	10.65 0.66 0.00	19.12 1.18 0.00	16.05 1.03 0.00	13.22 0.93 0.00	22.97 1.65 0.00	27.68 1.99 0.00	36.85 2.30 -2.18	46.49 2.66 0.00	45.24 2.57 0.00	36.67 2.09 0.00	32.88 1.96 0.00	27.09 1.66 -0.01
BAYONEEC___CTG5 323686	36.06 1.74 0.00	34.57 1.67 0.00	32.28 1.52 0.00	30.03 1.45 0.00	30.68 1.53 0.00	32.15 1.64 0.00	31.78 1.64 0.00	29.16 1.60 0.00	25.17 1.38 0.00	22.37 1.29 0.00	14.56 0.83 0.00	21.27 1.21 0.00	10.65 0.66 0.00	19.12 1.18 0.00	16.05 1.03 0.00	13.22 0.93 0.00	22.97 1.65 0.00	27.68 1.99 0.00	36.85 2.30 -2.18	46.49 2.66 0.00	45.24 2.57 0.00	36.67 2.09 0.00	32.88 1.96 0.00	27.09 1.66 -0.01
BAYONEEC___CTG6 323687	36.06 1.74 0.00	34.57 1.67 0.00	32.28 1.52 0.00	30.03 1.45 0.00	30.68 1.53 0.00	32.15 1.64 0.00	31.78 1.64 0.00	29.16 1.60 0.00	25.17 1.38 0.00	22.37 1.29 0.00	14.56 0.83 0.00	21.27 1.21 0.00	10.65 0.66 0.00	19.12 1.18 0.00	16.05 1.03 0.00	13.22 0.93 0.00	22.97 1.65 0.00	27.68 1.99 0.00	36.85 2.30 -2.18	46.49 2.66 0.00	45.24 2.57 0.00	36.67 2.09 0.00	32.88 1.96 0.00	27.09 1.66 -0.01
BAYONEEC___CTG7 323688	36.06 1.74 0.00	34.57 1.67 0.00	32.28 1.52 0.00	30.03 1.45 0.00	30.68 1.53 0.00	32.15 1.64 0.00	31.78 1.64 0.00	29.16 1.60 0.00	25.17 1.38 0.00	22.37 1.29 0.00	14.56 0.83 0.00	21.27 1.21 0.00	10.65 0.66 0.00	19.12 1.18 0.00	16.05 1.03 0.00	13.22 0.93 0.00	22.97 1.65 0.00	27.68 1.99 0.00	36.85 2.30 -2.18	46.49 2.66 0.00	45.24 2.57 0.00	36.67 2.09 0.00	32.88 1.96 0.00	27.09 1.66 -0.01

BAYONEEC___CTG8 323689	36.06 1.74 0.00	34.57 1.67 0.00	32.28 1.52 0.00	30.03 1.45 0.00	30.68 1.53 0.00	32.15 1.64 0.00	31.78 1.64 0.00	29.16 1.60 0.00	25.17 1.38 0.00	22.37 1.29 0.00	14.56 0.83 0.00	21.27 1.21 0.00	10.65 0.66 0.00	19.12 1.18 0.00	16.05 1.03 0.00	13.22 0.93 0.00	22.97 1.65 0.00	27.68 1.99 0.00	36.85 2.30 -2.18	46.49 2.66 0.00	45.24 2.57 0.00	36.67 2.09 0.00	32.88 1.96 0.00	27.09 1.66 -0.01
BAYONEEC___CTG9 323749	36.06 1.74 0.00	34.57 1.67 0.00	32.28 1.52 0.00	30.03 1.45 0.00	30.68 1.53 0.00	32.15 1.64 0.00	31.78 1.64 0.00	29.16 1.60 0.00	25.17 1.38 0.00	22.37 1.29 0.00	14.56 0.83 0.00	21.27 1.21 0.00	10.65 0.66 0.00	19.12 1.18 0.00	16.05 1.03 0.00	13.22 0.93 0.00	22.97 1.65 0.00	27.68 1.99 0.00	36.85 2.30 -2.18	46.49 2.66 0.00	45.24 2.57 0.00	36.67 2.09 0.00	32.88 1.96 0.00	27.09 1.66 -0.01
BEACON___LESR 323632	34.87 0.54 0.00	33.39 0.49 0.00	31.33 0.58 0.00	29.15 0.58 0.00	29.76 0.61 0.00	31.24 0.73 0.00	30.92 0.77 0.00	28.46 0.90 0.00	24.49 0.70 0.00	21.75 0.68 0.00	14.16 0.43 0.00	20.62 0.56 0.00	10.28 0.29 0.00	18.48 0.54 0.00	15.47 0.46 0.00	12.65 0.36 0.00	21.95 0.63 0.00	26.61 0.93 0.00	33.52 1.16 0.00	45.25 1.42 0.00	43.94 1.27 0.00	35.70 1.12 0.00	32.01 1.09 0.00	26.27 0.85 0.00
BEAVER RIVER___HYD 24048	33.95 -0.37 0.00	32.61 -0.29 0.00	30.43 -0.32 0.00	28.13 -0.45 0.00	28.64 -0.51 0.00	29.76 -0.75 0.00	29.71 -0.43 0.00	27.19 -0.36 0.00	23.20 -0.58 0.00	20.23 -0.85 0.00	13.07 -0.65 0.00	18.95 -1.11 0.00	9.37 -0.61 0.00	16.75 -1.18 0.00	13.93 -1.08 0.00	11.46 -0.83 0.00	19.92 -1.40 0.00	23.90 -1.79 0.00	30.42 -1.94 0.00	41.81 -2.02 0.00	40.70 -1.97 0.00	33.11 -1.47 0.00	30.32 -0.61 0.00	24.91 -0.51 0.00
BEEBEE_GT_13 23619	33.07 -1.26 0.00	31.65 -1.25 0.00	29.50 -1.25 0.00	27.34 -1.24 0.00	27.87 -1.28 0.00	29.15 -1.36 0.00	27.88 -1.72 0.54	24.34 -1.90 1.32	22.10 -1.69 0.00	19.64 -1.43 0.00	12.87 -0.86 0.00	18.85 -1.21 0.00	9.38 -0.60 0.00	16.77 -1.16 0.00	14.03 -0.98 0.00	11.53 -0.76 0.00	19.92 -1.40 0.00	23.94 -1.74 0.00	30.36 -2.01 0.00	41.23 -2.60 0.00	40.34 -2.32 0.00	32.61 -1.86 0.12	29.18 -1.74 0.00	23.97 -1.46 0.00
BENSHRST_27_KV_BENSHRST_1 355998	36.42 2.09 0.00	34.89 1.99 0.00	32.57 1.82 0.00	30.28 1.70 0.00	30.91 1.76 0.00	32.39 1.88 0.00	32.06 1.91 0.00	29.41 1.86 0.00	25.42 1.63 0.00	22.57 1.49 0.00	14.67 0.94 0.00	21.44 1.38 0.00	10.73 0.74 0.00	19.27 1.34 0.00	16.17 1.16 0.00	13.32 1.04 0.00	23.15 1.83 0.00	27.89 2.20 0.00	39.83 2.57 -4.90	46.99 3.16 0.00	45.74 3.07 0.00	37.07 2.48 0.00	33.23 2.31 0.00	27.37 1.94 -0.01
BETHLEHEM___GRP 23843	34.33 0.00 0.00	32.91 0.01 0.00	30.87 0.11 0.00	28.76 0.18 0.00	29.36 0.21 0.00	30.78 0.27 0.00	30.47 0.32 0.00	27.96 0.41 0.00	24.15 0.36 0.00	21.43 0.36 0.00	13.96 0.24 0.00	20.38 0.33 0.00	10.15 0.16 0.00	18.26 0.32 0.00	15.30 0.29 0.00	12.49 0.21 0.00	21.71 0.39 0.00	26.22 0.53 0.00	32.95 0.59 0.00	44.41 0.58 0.00	43.21 0.54 0.00	35.06 0.47 0.00	31.48 0.56 0.00	25.90 0.48 0.00
BETHLEHEM___GS1 323560	34.33 0.00 0.00	32.91 0.01 0.00	30.87 0.11 0.00	28.76 0.19 0.00	29.36 0.21 0.00	30.78 0.27 0.00	30.46 0.32 0.00	27.96 0.41 0.00	24.15 0.36 0.00	21.42 0.35 0.00	13.96 0.24 0.00	20.38 0.32 0.00	10.15 0.16 0.00	18.26 0.32 0.00	15.30 0.28 0.00	12.49 0.20 0.00	21.71 0.39 0.00	26.21 0.52 0.00	32.95 0.58 0.00	44.41 0.58 0.00	43.21 0.54 0.00	35.06 0.48 0.00	31.48 0.56 0.00	25.90 0.48 0.00
BETHLEHEM___GS2 323561	34.33 0.00 0.00	32.91 0.01 0.00	30.87 0.11 0.00	28.76 0.19 0.00	29.36 0.21 0.00	30.78 0.27 0.00	30.46 0.32 0.00	27.96 0.41 0.00	24.15 0.36 0.00	21.42 0.35 0.00	13.96 0.24 0.00	20.38 0.32 0.00	10.15 0.16 0.00	18.26 0.32 0.00	15.30 0.28 0.00	12.49 0.20 0.00	21.71 0.39 0.00	26.21 0.52 0.00	32.95 0.58 0.00	44.41 0.58 0.00	43.21 0.54 0.00	35.06 0.48 0.00	31.48 0.56 0.00	25.90 0.48 0.00
BETHLEHEM___GS3 323562	34.33 0.00 0.00	32.91 0.01 0.00	30.87 0.11 0.00	28.76 0.19 0.00	29.36 0.21 0.00	30.78 0.27 0.00	30.46 0.32 0.00	27.96 0.41 0.00	24.15 0.36 0.00	21.42 0.35 0.00	13.96 0.24 0.00	20.38 0.32 0.00	10.15 0.16 0.00	18.26 0.32 0.00	15.30 0.28 0.00	12.49 0.20 0.00	21.71 0.39 0.00	26.21 0.52 0.00	32.95 0.58 0.00	44.41 0.58 0.00	43.21 0.54 0.00	35.06 0.48 0.00	31.48 0.56 0.00	25.90 0.48 0.00
BETHLEHEM___STEEL 23779	32.66 -1.66 0.00	31.22 -1.68 0.00	29.07 -1.69 0.00	26.87 -1.71 0.00	27.40 -1.75 0.00	28.62 -1.89 0.00	26.75 -2.46 0.94	12.06 -2.61 12.89	10.20 -2.29 11.30	12.25 -1.92 6.91	11.39 -1.16 1.18	10.82 -1.56 7.69	7.41 -0.80 1.77	6.44 -1.52 9.97	4.36 -1.30 9.35	3.39 -0.99 7.91	8.32 -1.87 11.14	11.08 -2.35 12.25	22.69 -2.87 6.81	39.89 -3.93 0.00	39.14 -3.53 0.00	31.60 -2.77 0.20	28.41 -2.51 0.00	23.35 -2.07 0.00
BETHLHEM_115KV_TB1 79974	34.43 0.10 0.00	33.00 0.10 0.00	30.94 0.18 0.00	28.83 0.25 0.00	29.44 0.28 0.00	30.86 0.35 0.00	30.53 0.39 0.00	28.02 0.46 0.00	24.19 0.41 0.00	21.47 0.39 0.00	13.99 0.26 0.00	20.42 0.37 0.00	10.17 0.18 0.00	18.29 0.36 0.00	15.33 0.32 0.00	12.52 0.23 0.00	21.75 0.43 0.00	26.26 0.58 0.00	33.01 0.65 0.00	44.52 0.69 0.00	43.30 0.63 0.00	35.15 0.57 0.00	31.54 0.62 0.00	25.95 0.53 0.00
BETHPAGE_CC_5 323564	45.03 2.21 -8.49	47.65 2.33 -12.41	36.53 2.13 -3.65	33.50 1.96 -2.97	33.77 2.03 -2.59	35.87 2.13 -3.23	34.72 2.03 -2.55	31.86 1.90 -2.41	27.56 1.65 -2.12	25.88 1.56 -3.25	17.13 1.03 -2.37	23.00 1.47 -1.47	13.39 0.77 -2.64	21.27 1.39 -1.95	18.43 1.18 -2.23	21.46 1.09 -8.08	34.01 1.91 -10.78	39.51 2.19 -11.63	47.55 2.53 -12.66	50.99 2.87 -4.29	56.77 2.98 -11.13	47.40 2.48 -10.33	45.19 2.39 -11.88	43.98 2.06 -16.50
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.77 -1.56 0.00	31.33 -1.57 0.00	29.17 -1.59 0.00	26.96 -1.62 0.00	27.49 -1.66 0.00	28.71 -1.80 0.00	26.83 -2.36 0.95	12.70 -2.49 12.36	10.92 -2.17 10.70	12.71 -1.83 6.54	11.51 -1.10 1.12	11.30 -1.48 7.28	7.55 -0.76 1.68	7.05 -1.44 9.45	4.92 -1.24 8.85	3.86 -0.93 7.49	8.99 -1.78 10.54	11.85 -2.24 11.60	23.20 -2.72 6.44	40.08 -3.75 0.00	39.31 -3.36 0.00	31.74 -2.64 0.21	28.53 -2.40 0.00	23.44 -1.98 0.00
BINGHAMTON___COGEN 23790	34.08 -0.25 0.00	32.56 -0.33 0.00	30.42 -0.33 0.00	28.21 -0.36 0.00	28.80 -0.35 0.00	30.15 -0.36 0.00	29.25 -0.45 0.44	26.05 -0.41 1.09	23.42 -0.37 0.00	20.72 -0.36 0.00	13.48 -0.24 0.00	19.73 -0.33 0.00	9.83 -0.16 0.00	17.67 -0.27 0.00	14.79 -0.23 0.00	12.14 -0.14 0.00	21.04 -0.28 0.00	25.40 -0.29 0.00	32.03 -0.33 0.00	43.37 -0.46 0.00	42.31 -0.35 0.00	34.15 -0.34 0.10	30.62 -0.30 0.00	25.18 -0.24 0.00

BIXINCNT_115KV_LOAD 355685	33.04 -1.28 0.00	31.59 -1.31 0.00	29.29 -1.47 0.00	27.15 -1.43 0.00	27.56 -1.58 0.00	28.76 -1.75 0.00	26.95 -2.15 1.05	15.90 -2.11 9.54	14.64 -1.72 7.43	14.97 -1.56 4.54	11.92 -1.04 0.78	13.56 -1.44 5.06	8.14 -0.68 1.17	10.02 -1.35 6.57	7.75 -1.11 6.15	6.26 -0.82 5.21	12.30 -1.70 7.33	15.62 -2.05 8.02	25.47 -2.44 4.46	40.59 -3.24 0.00	39.90 -2.77 0.00	32.14 -2.21 0.23	28.84 -2.08 0.00	23.68 -1.74 0.00
BLACK RIVER___HYD 24047	34.00 -0.33 0.00	32.61 -0.29 0.00	30.43 -0.32 0.00	28.14 -0.43 0.00	28.63 -0.52 0.00	29.77 -0.74 0.00	29.72 -0.42 0.00	27.14 -0.42 0.00	22.96 -0.83 0.00	19.96 -1.12 0.00	12.88 -0.84 0.00	18.66 -1.40 0.00	9.24 -0.75 0.00	16.48 -1.46 0.00	13.67 -1.34 0.00	11.26 -1.02 0.00	19.57 -1.76 0.00	23.47 -2.22 0.00	29.95 -2.41 0.00	41.49 -2.33 0.00	40.62 -2.05 0.00	33.08 -1.51 0.00	30.36 -0.56 0.00	24.88 -0.54 0.00
BLACKRVR_115KV_TB2 79977	34.00 -0.33 0.00	32.61 -0.29 0.00	30.43 -0.32 0.00	28.15 -0.43 0.00	28.63 -0.52 0.00	29.77 -0.74 0.00	29.72 -0.42 0.00	27.14 -0.42 0.00	22.96 -0.83 0.00	19.96 -1.12 0.00	12.88 -0.84 0.00	18.66 -1.40 0.00	9.24 -0.75 0.00	16.48 -1.46 0.00	13.67 -1.34 0.00	11.26 -1.02 0.00	19.57 -1.76 0.00	23.47 -2.22 0.00	29.95 -2.41 0.00	41.50 -2.33 0.00	40.62 -2.05 0.00	33.08 -1.50 0.00	30.36 -0.56 0.00	24.88 -0.54 0.00
BLDWN_LI_69_KV_BK4 356085	65.55 2.21 -29.01	69.50 2.22 -34.38	58.74 2.01 -25.97	56.84 1.86 -26.40	54.14 1.93 -23.06	61.97 2.05 -29.42	58.63 1.97 -26.51	47.85 1.84 -18.45	41.64 1.61 -16.24	47.48 1.53 -24.88	31.08 0.99 -16.36	30.99 1.42 -9.51	28.23 0.75 -17.50	32.86 1.36 -13.57	27.98 1.16 -11.81	36.26 1.07 -22.91	53.06 1.86 -29.88	65.36 2.23 -37.45	82.67 2.55 -47.75	75.77 2.89 -29.05	89.87 2.92 -44.29	83.95 2.53 -46.83	71.32 2.38 -38.02	71.12 2.01 -43.68
BLISS_WT_PWR 323608	32.96 -1.37 0.00	31.51 -1.39 0.00	29.18 -1.57 0.00	27.08 -1.50 0.00	27.47 -1.69 0.00	28.66 -1.85 0.00	26.87 -2.23 1.05	15.84 -2.18 9.54	14.63 -1.73 7.43	14.94 -1.60 4.54	11.86 -1.09 0.78	13.46 -1.54 5.06	8.10 -0.72 1.17	9.94 -1.44 6.57	7.70 -1.16 6.15	6.22 -0.86 5.21	12.20 -1.79 7.33	15.56 -2.11 8.02	25.41 -2.49 4.46	40.55 -3.27 0.00	39.88 -2.79 0.00	32.11 -2.24 0.23	28.80 -2.12 0.00	23.63 -1.79 0.00
BLUESTONE___WT_PWR 323821	33.56 -0.77 0.00	31.92 -0.98 0.00	29.71 -1.05 0.00	27.53 -1.05 0.00	28.29 -0.86 0.00	29.67 -0.84 0.00	29.92 -0.70 -0.47	28.32 -0.40 -1.16	23.67 -0.11 0.00	20.72 -0.36 0.00	13.30 -0.43 0.00	19.16 -0.90 0.00	9.41 -0.58 0.00	16.93 -1.00 0.00	14.23 -0.79 0.00	11.73 -0.56 0.00	20.44 -0.71 0.00	24.98 -0.47 0.00	31.90 -0.47 0.00	44.13 0.30 0.00	43.43 0.77 0.00	35.13 0.44 -0.10	30.95 0.03 0.00	25.29 -0.13 0.00
BLUE_CIRC_CHEM_DRP 24182	34.84 0.51 0.00	33.39 0.49 0.00	31.30 0.54 0.00	29.17 0.59 0.00	29.77 0.61 0.00	31.20 0.70 0.00	30.85 0.71 0.00	28.28 0.73 0.00	24.40 0.62 0.00	21.63 0.55 0.00	14.08 0.35 0.00	20.53 0.47 0.00	10.19 0.21 0.00	18.34 0.41 0.00	15.36 0.34 0.00	12.53 0.25 0.00	21.78 0.45 0.00	26.32 0.63 0.00	33.22 0.85 0.00	44.95 1.12 0.00	43.76 1.09 0.00	35.49 0.91 0.00	31.82 0.90 0.00	26.18 0.76 0.00
BOC_GAS_DRP 24189	34.67 0.34 0.00	33.24 0.34 0.00	31.15 0.39 0.00	29.00 0.42 0.00	29.61 0.46 0.00	31.03 0.52 0.00	30.69 0.54 0.00	28.13 0.58 0.00	24.28 0.50 0.00	21.55 0.47 0.00	14.04 0.31 0.00	20.51 0.45 0.00	10.22 0.24 0.00	18.38 0.45 0.00	15.40 0.39 0.00	12.58 0.30 0.00	21.86 0.54 0.00	26.38 0.69 0.00	33.15 0.79 0.00	44.74 0.91 0.00	43.54 0.87 0.00	35.31 0.73 0.00	31.66 0.74 0.00	26.05 0.63 0.00
BOONVILLE_115KV_TB1 79983	34.57 0.24 0.00	33.13 0.23 0.00	30.95 0.19 0.00	28.67 0.09 0.00	29.25 0.11 0.00	30.51 0.00 0.00	30.30 0.15 0.00	27.76 0.20 0.00	23.85 0.07 0.00	20.95 -0.13 0.00	13.56 -0.17 0.00	19.73 -0.33 0.00	9.78 -0.20 0.00	17.53 -0.40 0.00	14.62 -0.39 0.00	12.01 -0.28 0.00	20.88 -0.44 0.00	25.16 -0.52 0.00	31.94 -0.42 0.00	43.48 -0.34 0.00	42.33 -0.34 0.00	34.36 -0.23 0.00	31.05 0.13 0.00	25.53 0.10 0.00
BORALEX_4TH_BRANCH 23824	35.10 0.77 0.00	33.62 0.72 0.00	31.59 0.84 0.00	29.43 0.86 0.00	30.06 0.91 0.00	31.57 1.07 0.00	31.25 1.10 0.00	28.77 1.22 0.00	24.88 1.10 0.00	22.08 1.00 0.00	14.39 0.66 0.00	21.00 0.94 0.00	10.43 0.45 0.00	18.77 0.84 0.00	15.72 0.71 0.00	12.83 0.54 0.00	22.29 0.97 0.00	26.93 1.24 0.00	33.77 1.41 0.00	45.77 1.94 0.00	44.48 1.81 0.00	36.01 1.43 0.00	32.34 1.42 0.00	26.60 1.18 0.00
BOWLINE___1 23526	35.70 1.38 0.00	34.21 1.32 0.00	31.92 1.17 0.00	29.72 1.14 0.00	30.37 1.22 0.00	31.83 1.32 0.00	31.48 1.34 0.00	28.85 1.29 0.00	24.89 1.10 0.00	22.09 1.02 0.00	14.38 0.65 0.00	21.02 0.96 0.00	10.51 0.53 0.00	18.88 0.95 0.00	15.85 0.83 0.00	13.04 0.75 0.00	22.67 1.35 0.00	27.37 1.68 0.00	34.33 1.96 0.00	46.10 2.28 0.00	44.88 2.21 0.00	36.33 1.75 0.00	32.56 1.64 0.00	26.77 1.35 0.00
BOWLINE___2 23595	35.70 1.38 0.00	34.21 1.32 0.00	31.92 1.17 0.00	29.72 1.14 0.00	30.37 1.22 0.00	31.83 1.32 0.00	31.48 1.34 0.00	28.85 1.29 0.00	24.89 1.10 0.00	22.09 1.02 0.00	14.38 0.65 0.00	21.02 0.96 0.00	10.51 0.53 0.00	18.88 0.95 0.00	15.85 0.83 0.00	13.04 0.75 0.00	22.67 1.35 0.00	27.37 1.68 0.00	34.33 1.96 0.00	46.10 2.28 0.00	44.88 2.21 0.00	36.33 1.75 0.00	32.56 1.64 0.00	26.77 1.35 0.00
BRADY___115KV_TB2 356060	35.19 0.87 0.00	33.79 0.89 0.00	31.55 0.79 0.00	29.23 0.66 0.00	29.78 0.62 0.00	31.09 0.58 0.00	30.79 0.64 0.00	27.97 0.42 0.00	24.07 0.28 0.00	21.21 0.13 0.00	13.81 0.09 0.00	20.16 0.10 0.00	10.03 0.04 0.00	17.95 0.02 0.00	15.00 -0.01 0.00	12.26 -0.03 0.00	21.27 -0.05 0.00	25.57 -0.11 0.00	32.39 0.02 0.00	44.33 0.50 0.00	43.10 0.43 0.00	35.07 0.49 0.00	31.34 0.42 0.00	25.70 0.28 0.00
BRANSCOMB___SOLAR 323811	35.35 1.02 0.00	33.84 0.95 0.00	31.73 0.98 0.00	29.55 0.97 0.00	30.17 1.02 0.00	31.68 1.17 0.00	31.36 1.22 0.00	28.81 1.26 0.00	24.92 1.14 0.00	22.07 0.99 0.00	14.37 0.64 0.00	20.97 0.91 0.00	10.35 0.37 0.00	18.67 0.73 0.00	15.64 0.62 0.00	12.74 0.45 0.00	22.16 0.83 0.00	26.78 1.09 0.00	33.79 1.43 0.00	45.85 2.02 0.00	44.62 1.95 0.00	36.17 1.59 0.00	32.38 1.46 0.00	26.58 1.16 0.00
BRDGHMPT_69_KV_BK1 55812	112.78 3.43 -75.02	40.83 3.66 -4.28	30.37 3.28 3.66	26.66 2.69 4.61	27.70 2.58 4.03	27.77 2.41 5.15	27.80 2.38 4.73	26.33 2.12 3.35	22.61 1.77 2.95	18.17 1.60 4.51	11.84 1.05 2.93	19.79 1.43 1.70	7.61 0.75 3.13	16.83 1.33 2.44	14.60 1.18 1.59	15.32 1.25 -1.79	26.48 2.29 -2.88	29.55 2.63 -1.23	34.49 3.00 0.88	43.08 3.91 4.66	54.51 4.59 -7.26	55.94 3.83 -17.53	37.96 3.60 -3.43	33.57 2.98 -5.17



BRENTWOD_69_KV_W. BRTWOOD 56703	54.47 2.58 -17.56	40.66 2.68 -5.09	30.26 2.43 2.93	26.95 2.22 3.85	28.05 2.26 3.36	28.59 2.39 4.31	28.44 2.26 3.97	26.96 2.06 2.65	23.22 1.77 2.33	19.18 1.67 3.57	12.54 1.11 2.29	20.31 1.56 1.32	8.36 0.81 2.44	17.48 1.45 1.91	15.10 1.22 1.13	15.97 1.14 -2.55	27.16 2.01 -3.83	30.55 2.37 -2.49	35.87 2.75 -0.76	43.39 3.14 3.57	47.61 3.31 -1.64	39.42 2.69 -2.15	36.65 2.66 -3.08	34.24 2.29 -6.53
BRISTLHL_115KV_TB1 79998	33.33 -1.00 0.00	31.90 -0.99 0.00	29.81 -0.94 0.00	27.69 -0.88 0.00	28.25 -0.90 0.00	29.58 -0.93 0.00	29.16 -0.99 0.00	26.62 -0.93 0.00	22.94 -0.84 0.00	20.29 -0.79 0.00	13.20 -0.52 0.00	19.30 -0.76 0.00	9.60 -0.38 0.00	17.25 -0.69 0.00	14.43 -0.58 0.00	11.83 -0.46 0.00	20.52 -0.80 0.00	24.72 -0.97 0.00	31.20 -1.16 0.00	42.34 -1.49 0.00	41.31 -1.36 0.00	33.48 -1.11 0.00	29.93 -0.99 0.00	24.61 -0.81 0.00
BROOKHAVEN___DRP 24191	112.83 2.81 -75.69	40.14 2.98 -4.26	29.78 2.71 3.68	26.37 2.42 4.63	27.56 2.45 4.04	27.87 2.54 5.17	27.83 2.44 4.75	26.38 2.20 3.37	22.69 1.87 2.96	18.26 1.72 4.54	11.91 1.13 2.95	19.95 1.60 1.71	7.66 0.82 3.15	16.96 1.47 2.45	14.64 1.23 1.60	15.23 1.17 -1.77	26.26 2.09 -2.85	29.39 2.51 -1.20	34.38 2.94 0.92	42.59 3.45 4.69	53.53 3.71 -7.15	54.95 3.05 -17.33	37.25 2.95 -3.38	33.04 2.50 -5.13
BROOKLYN_NAVY_YARD 23515	36.05 1.72 0.00	34.56 1.66 0.00	32.28 1.52 0.00	30.04 1.46 0.00	30.68 1.53 0.00	32.15 1.64 0.00	31.78 1.63 0.00	23.46 1.58 5.67	25.15 1.37 0.00	22.35 1.28 0.00	14.55 0.82 0.00	21.26 1.20 0.00	10.64 0.65 0.00	19.10 1.17 0.00	16.03 1.02 0.00	13.20 0.91 0.00	22.94 1.62 0.00	27.64 1.95 0.00	34.62 2.26 0.00	46.39 2.57 0.00	45.16 2.49 0.00	36.95 2.03 -0.34	33.00 1.91 -0.16	27.06 1.64 -0.01
BROOKLYN___ARMY_DRP 323595	36.27 1.94 0.00	34.75 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.41 0.00	14.61 0.88 0.00	21.35 1.28 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.73 0.00	27.76 2.07 0.00	39.67 2.40 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
BROOME_2_LFGE 323671	34.08 -0.25 0.00	32.56 -0.34 0.00	30.42 -0.33 0.00	28.21 -0.36 0.00	28.80 -0.35 0.00	30.15 -0.36 0.00	29.24 -0.46 0.44	26.04 -0.42 1.09	23.41 -0.37 0.00	20.72 -0.36 0.00	13.48 -0.24 0.00	19.72 -0.33 0.00	9.83 -0.16 0.00	17.66 -0.27 0.00	14.78 -0.23 0.00	12.14 -0.15 0.00	21.04 -0.28 0.00	25.39 -0.29 0.00	32.02 -0.34 0.00	43.37 -0.46 0.00	42.32 -0.35 0.00	34.15 -0.34 0.10	30.62 -0.30 0.00	25.18 -0.24 0.00
BROOME___LFGE 323600	34.08 -0.25 0.00	32.56 -0.34 0.00	30.42 -0.33 0.00	28.21 -0.36 0.00	28.80 -0.35 0.00	30.15 -0.36 0.00	29.24 -0.46 0.44	26.04 -0.42 1.09	23.41 -0.37 0.00	20.72 -0.36 0.00	13.48 -0.24 0.00	19.72 -0.33 0.00	9.83 -0.16 0.00	17.66 -0.27 0.00	14.78 -0.23 0.00	12.14 -0.15 0.00	21.04 -0.28 0.00	25.39 -0.29 0.00	32.02 -0.34 0.00	43.37 -0.46 0.00	42.32 -0.35 0.00	34.15 -0.34 0.10	30.62 -0.30 0.00	25.18 -0.24 0.00
BROWNFLS_115KV_TB_3_5 80003	33.84 -0.49 0.00	32.50 -0.39 0.00	30.34 -0.42 0.00	28.08 -0.50 0.00	28.59 -0.57 0.00	29.75 -0.76 0.00	29.60 -0.55 0.00	27.02 -0.54 0.00	23.14 -0.65 0.00	20.27 -0.80 0.00	13.15 -0.58 0.00	19.10 -0.96 0.00	9.47 -0.51 0.00	16.94 -0.99 0.00	14.11 -0.90 0.00	11.57 -0.71 0.00	20.10 -1.22 0.00	24.14 -1.55 0.00	30.67 -1.69 0.00	42.05 -1.78 0.00	40.84 -1.83 0.00	33.24 -1.34 0.00	30.13 -0.79 0.00	24.74 -0.68 0.00
BROWNSV1_27_KV_LOAD 356125	36.36 2.04 0.00	34.85 1.96 0.00	32.53 1.78 0.00	30.25 1.68 0.00	30.90 1.75 0.00	32.38 1.87 0.00	32.03 1.88 0.00	29.38 1.82 0.00	25.37 1.58 0.00	22.55 1.47 0.00	14.68 0.95 0.00	21.44 1.39 0.00	10.73 0.75 0.00	19.28 1.34 0.00	16.18 1.17 0.00	13.32 1.04 0.00	23.16 1.84 0.00	27.92 2.23 0.00	34.97 2.60 0.00	46.90 3.08 0.00	45.65 2.98 0.00	36.99 2.41 0.00	33.17 2.25 0.00	27.31 1.89 -0.01
BURROWS___LYONSDAL 23803	34.39 0.06 0.00	32.98 0.09 0.00	30.81 0.05 0.00	28.51 -0.07 0.00	29.08 -0.08 0.00	30.28 -0.23 0.00	30.13 -0.01 0.00	27.61 0.06 0.00	23.70 -0.08 0.00	20.76 -0.31 0.00	13.44 -0.29 0.00	19.52 -0.54 0.00	9.67 -0.31 0.00	17.32 -0.61 0.00	14.44 -0.58 0.00	11.86 -0.43 0.00	20.62 -0.70 0.00	24.81 -0.87 0.00	31.51 -0.85 0.00	42.98 -0.85 0.00	41.82 -0.85 0.00	33.95 -0.63 0.00	30.83 -0.09 0.00	25.35 -0.07 0.00
CAITHNESS_CC_1 323624	113.27 2.71 -76.24	40.04 2.91 -4.24	29.70 2.64 3.70	26.30 2.37 4.65	27.50 2.41 4.06	27.82 2.50 5.19	27.76 2.38 4.77	26.32 2.15 3.38	22.64 1.83 2.98	18.20 1.69 4.56	11.88 1.12 2.97	19.93 1.58 1.72	7.64 0.82 3.17	16.94 1.47 2.47	14.63 1.23 1.61	15.19 1.15 -1.75	26.21 2.06 -2.82	29.28 2.42 -1.17	34.27 2.87 0.96	42.44 3.33 4.72	53.29 3.57 -7.06	54.66 2.93 -17.15	37.12 2.86 -3.34	32.93 2.42 -5.10
CALPINE BETH_PAGE_GT4 24209	47.60 2.15 -11.13	51.18 2.30 -15.99	39.71 2.11 -6.84	36.80 1.94 -6.28	36.64 2.01 -5.48	39.51 2.12 -6.88	37.77 2.03 -5.59	33.93 1.91 -4.46	29.37 1.66 -3.92	28.65 1.57 -6.01	19.03 1.02 -4.28	24.14 1.46 -2.62	15.47 0.77 -4.72	22.84 1.38 -3.53	19.80 1.18 -3.62	23.73 1.08 -10.37	36.85 1.90 -13.63	43.23 2.16 -15.38	52.33 2.46 -17.51	54.07 2.77 -7.48	61.19 2.87 -15.65	52.21 2.41 -15.22	48.87 2.32 -15.63	48.04 2.03 -20.59
CALPINE_BETH_PAGE_GT_4 323586	47.58 2.13 -11.13	51.19 2.30 -15.99	39.72 2.12 -6.84	36.81 1.95 -6.28	36.65 2.02 -5.48	39.52 2.13 -6.88	37.77 2.03 -5.59	33.92 1.91 -4.46	29.36 1.66 -3.92	28.64 1.56 -6.01	19.04 1.03 -4.28	24.15 1.47 -2.62	15.48 0.77 -4.72	22.85 1.39 -3.53	19.81 1.18 -3.62	23.73 1.08 -10.37	36.85 1.90 -13.63	43.20 2.13 -15.38	52.33 2.46 -17.51	54.07 2.77 -7.48	61.19 2.87 -15.65	52.20 2.41 -15.22	48.87 2.32 -15.63	48.05 2.03 -20.59
CALPINE_BP_GT1 23823	47.58 2.13 -11.13	51.19 2.30 -15.99	39.72 2.12 -6.84	36.81 1.95 -6.28	36.65 2.02 -5.48	39.52 2.13 -6.88	37.77 2.03 -5.59	33.92 1.91 -4.46	29.36 1.66 -3.92	28.64 1.56 -6.01	19.04 1.03 -4.28	24.15 1.47 -2.62	15.48 0.77 -4.72	22.85 1.39 -3.53	19.81 1.18 -3.62	23.73 1.08 -10.37	36.85 1.90 -13.63	43.20 2.13 -15.38	52.33 2.46 -17.51	54.07 2.77 -7.48	61.19 2.87 -15.65	52.20 2.41 -15.22	48.87 2.32 -15.63	48.05 2.03 -20.59
CALSPAN___DRP 24200	32.66 -1.66 0.00	31.22 -1.68 0.00	29.07 -1.69 0.00	26.87 -1.71 0.00	27.40 -1.75 0.00	28.62 -1.89 0.00	26.75 -2.46 0.94	12.06 -2.61 12.89	10.20 -2.29 11.30	12.25 -1.92 6.91	11.39 -1.16 1.18	10.82 -1.56 7.69	7.41 -0.80 1.77	6.44 -1.52 9.97	4.36 -1.30 9.35	3.39 -0.99 7.91	8.32 -1.87 11.14	11.08 -2.35 12.25	22.69 -2.87 6.81	39.89 -3.93 0.00	39.14 -3.53 0.00	31.60 -2.77 0.20	28.41 -2.51 0.00	23.35 -2.07 0.00

CALVERTON___SOLAR 323806	112.75 2.90 -75.53	40.26 3.10 -4.26	29.89 2.81 3.67	26.45 2.50 4.63	27.63 2.52 4.04	27.93 2.59 5.17	27.88 2.48 4.74	26.42 2.23 3.36	22.71 1.88 2.96	18.26 1.72 4.53	11.92 1.14 2.95	19.95 1.60 1.71	7.66 0.83 3.14	16.96 1.47 2.45	14.66 1.25 1.60	15.24 1.18 -1.78	26.30 2.13 -2.86	29.41 2.52 -1.21	34.45 3.00 0.91	42.72 3.58 4.68	53.72 3.87 -7.18	55.16 3.18 -17.39	37.38 3.06 -3.40	33.13 2.57 -5.14
CANDIGU_WT_PWR 323617	32.86 -1.47 0.00	31.24 -1.66 0.00	28.98 -1.77 0.00	26.72 -1.86 0.00	27.33 -1.82 0.00	28.62 -1.89 0.00	26.34 -2.11 1.69	-35.93 -2.03 61.45	-39.18 -1.83 61.14	-17.89 -1.64 37.32	6.24 -1.12 6.37	-23.14 -1.66 41.54	-0.42 -0.82 9.59	-37.42 -1.44 53.91	-36.72 -1.22 50.51	-31.39 -0.92 42.76	-40.54 -1.68 60.18	-42.43 -1.94 66.18	-6.69 -2.28 36.77	41.23 -2.59 0.00	40.60 -2.07 0.00	32.42 -1.79 0.37	29.27 -1.65 0.00	24.06 -1.36 0.00
CARR STREET_E_SYR 24060	33.68 -0.64 0.00	32.24 -0.66 0.00	30.11 -0.64 0.00	27.97 -0.61 0.00	28.54 -0.61 0.00	29.88 -0.63 0.00	29.45 -0.70 0.00	26.88 -0.67 0.00	23.19 -0.60 0.00	20.51 -0.57 0.00	13.35 -0.38 0.00	19.52 -0.54 0.00	9.72 -0.26 0.00	17.45 -0.48 0.00	14.61 -0.40 0.00	11.98 -0.30 0.00	20.77 -0.55 0.00	25.04 -0.65 0.00	31.58 -0.78 0.00	42.82 -1.00 0.00	41.78 -0.89 0.00	33.84 -0.74 0.00	30.25 -0.67 0.00	24.87 -0.55 0.00
CARTHAGE___PAPER 23857	34.25 -0.07 0.00	32.87 -0.03 0.00	30.68 -0.07 0.00	28.37 -0.21 0.00	28.87 -0.28 0.00	30.01 -0.50 0.00	29.97 -0.18 0.00	27.38 -0.18 0.00	23.26 -0.53 0.00	20.21 -0.87 0.00	13.05 -0.68 0.00	18.90 -1.16 0.00	9.35 -0.64 0.00	16.69 -1.24 0.00	13.86 -1.15 0.00	11.41 -0.88 0.00	19.84 -1.48 0.00	23.84 -1.85 0.00	30.45 -1.92 0.00	42.02 -1.81 0.00	41.02 -1.65 0.00	33.38 -1.21 0.00	30.58 -0.34 0.00	25.08 -0.33 0.00
CASSADAGA_WT_PWR 323784	33.05 -1.27 0.00	31.61 -1.29 0.00	29.40 -1.35 0.00	27.11 -1.47 0.00	27.86 -1.30 0.00	29.16 -1.34 0.00	27.19 -1.92 1.03	14.94 -2.25 10.36	13.48 -1.96 8.34	14.43 -1.55 5.09	12.00 -0.86 0.87	13.28 -1.11 5.67	8.01 -0.66 1.31	9.16 -1.42 7.36	6.96 -1.16 6.90	5.61 -0.84 5.84	11.40 -1.71 8.22	13.99 -2.22 9.48	24.64 -2.50 5.23	40.46 -3.37 0.00	39.50 -3.16 0.00	31.65 -2.71 0.23	28.79 -2.14 0.00	23.83 -1.59 0.00
CE_DUNWOOD___DRP 24194	35.91 1.58 0.00	34.42 1.52 0.00	32.13 1.37 0.00	29.90 1.32 0.00	30.53 1.38 0.00	32.01 1.50 0.00	31.65 1.51 0.00	29.01 1.45 0.00	25.03 1.25 0.00	22.24 1.15 0.00	14.47 0.74 0.00	21.14 1.09 0.00	10.57 0.59 0.00	19.00 1.07 0.00	15.94 0.93 0.00	13.12 0.83 0.00	22.81 1.49 0.00	27.51 1.82 0.00	34.48 2.12 0.00	46.29 2.47 0.00	45.06 2.40 0.00	36.50 1.92 0.00	32.72 1.80 0.00	26.93 1.51 0.00
CE_MILLWOOD___DRP 24193	35.83 1.50 0.00	34.34 1.45 0.00	32.06 1.30 0.00	29.83 1.26 0.00	30.48 1.33 0.00	31.95 1.44 0.00	31.60 1.45 0.00	28.95 1.40 0.00	24.98 1.20 0.00	22.18 1.11 0.00	14.44 0.71 0.00	21.10 1.04 0.00	10.55 0.56 0.00	18.96 1.02 0.00	15.91 0.89 0.00	13.09 0.80 0.00	22.75 1.43 0.00	27.46 1.77 0.00	34.42 2.06 0.00	46.24 2.41 0.00	45.00 2.33 0.00	36.45 1.86 0.00	32.67 1.75 0.00	26.88 1.45 0.00
CE_NYC2_DRP 24202	36.14 1.81 0.00	34.66 1.76 0.00	32.37 1.62 0.00	30.10 1.53 0.00	30.74 1.59 0.00	32.21 1.70 0.00	31.86 1.72 0.00	29.24 1.69 0.00	25.26 1.48 0.00	22.45 1.37 0.00	14.61 0.88 0.00	21.35 1.28 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.97 0.00	23.04 1.72 0.00	27.74 2.06 0.00	34.74 2.38 0.00	46.65 2.82 0.00	45.41 2.75 0.00	36.79 2.21 0.00	32.99 2.06 0.00	27.18 1.75 -0.01
CE_NYC_DRP 24195	36.15 1.82 0.00	34.64 1.75 0.00	32.34 1.59 0.00	30.09 1.52 0.00	30.74 1.59 0.00	32.21 1.70 0.00	31.85 1.71 0.00	29.21 1.66 0.00	25.23 1.44 0.00	22.42 1.34 0.00	14.59 0.86 0.00	21.32 1.26 0.00	10.67 0.69 0.00	19.17 1.23 0.00	16.08 1.07 0.00	13.24 0.96 0.00	23.02 1.70 0.00	27.74 2.05 0.00	35.17 2.37 -0.44	46.57 2.75 0.00	45.32 2.66 0.00	36.73 2.15 0.00	32.94 2.02 0.00	27.14 1.71 -0.01
CHAFFEE___LFGE 323603	32.82 -1.50 0.00	31.36 -1.53 0.00	29.21 -1.54 0.00	26.99 -1.59 0.00	27.54 -1.61 0.00	28.76 -1.75 0.00	26.85 -2.30 0.99	13.95 -2.42 11.19	12.34 -2.11 9.34	13.60 -1.76 5.71	11.68 -1.08 0.98	12.27 -1.43 6.36	7.78 -0.74 1.47	8.27 -1.41 8.25	6.07 -1.21 7.73	4.84 -0.90 6.54	10.39 -1.72 9.21	13.41 -2.16 10.11	24.10 -2.64 5.62	40.17 -3.66 0.00	39.40 -3.27 0.00	31.78 -2.59 0.22	28.59 -2.33 0.00	23.49 -1.93 0.00
CHATEAUG_35_KV_LOAD 355732	34.98 0.65 0.00	33.59 0.70 0.00	31.42 0.67 0.00	29.13 0.56 0.00	29.65 0.50 0.00	30.92 0.41 0.00	30.56 0.42 0.00	27.85 0.30 0.00	23.98 0.20 0.00	21.24 0.16 0.00	13.86 0.13 0.00	20.23 0.17 0.00	10.04 0.06 0.00	18.04 0.10 0.00	15.08 0.07 0.00	12.30 0.01 0.00	21.32 0.00 0.00	25.61 -0.08 0.00	32.30 -0.07 0.00	43.92 0.10 0.00	42.55 -0.11 0.00	34.31 -0.27 0.00	30.68 -0.24 0.00	25.21 -0.21 0.00
CHATEAUG_WT_PWR 323614	34.92 0.59 0.00	33.53 0.63 0.00	31.37 0.62 0.00	29.08 0.51 0.00	29.62 0.47 0.00	30.88 0.37 0.00	30.52 0.37 0.00	27.82 0.27 0.00	23.94 0.16 0.00	21.21 0.13 0.00	13.83 0.10 0.00	20.22 0.16 0.00	10.03 0.05 0.00	18.05 0.12 0.00	15.09 0.08 0.00	12.31 0.02 0.00	21.35 0.02 0.00	25.65 -0.04 0.00	32.33 -0.03 0.00	43.92 0.10 0.00	42.52 -0.14 0.00	34.26 -0.32 0.00	30.63 -0.29 0.00	25.18 -0.24 0.00
CHAT_HIGH_FALL_HYD 323578	34.98 0.65 0.00	33.59 0.70 0.00	31.42 0.67 0.00	29.13 0.56 0.00	29.65 0.50 0.00	30.92 0.41 0.00	30.56 0.42 0.00	27.85 0.30 0.00	23.98 0.20 0.00	21.24 0.16 0.00	13.86 0.13 0.00	20.23 0.17 0.00	10.04 0.06 0.00	18.04 0.10 0.00	15.08 0.07 0.00	12.30 0.01 0.00	21.32 0.00 0.00	25.61 -0.08 0.00	32.30 -0.07 0.00	43.92 0.10 0.00	42.55 -0.11 0.00	34.31 -0.27 0.00	30.68 -0.24 0.00	25.21 -0.21 0.00
CHAUTAUQUA___LFGE 323629	32.95 -1.38 0.00	31.47 -1.43 0.00	29.28 -1.48 0.00	27.01 -1.56 0.00	27.70 -1.45 0.00	28.95 -1.55 0.00	27.03 -2.12 0.99	13.28 -2.35 11.93	11.59 -2.06 10.14	13.19 -1.69 6.19	11.70 -0.97 1.06	11.87 -1.29 6.90	7.69 -0.70 1.59	7.57 -1.42 8.95	5.43 -1.20 8.38	4.31 -0.88 7.10	9.63 -1.70 9.99	12.48 -2.10 11.11	23.69 -2.52 6.16	40.34 -3.49 0.00	39.48 -3.18 0.00	31.74 -2.63 0.22	28.71 -2.22 0.00	23.67 -1.75 0.00
CHERRYST_13_KV_LD 356241	36.23 1.91 0.00	34.73 1.83 0.00	32.42 1.67 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.28 1.78 0.00	31.93 1.79 0.00	29.29 1.73 0.00	25.29 1.51 0.00	22.48 1.40 0.00	14.63 0.90 0.00	21.37 1.32 0.00	10.70 0.71 0.00	19.22 1.29 0.00	16.12 1.11 0.00	13.28 0.99 0.00	23.07 1.75 0.00	27.81 2.12 0.00	34.82 2.46 0.00	46.69 2.87 0.00	45.44 2.77 0.00	36.82 2.24 0.00	33.02 2.10 0.00	27.21 1.78 -0.01

CHESTROR_138KV_BK263 355645	35.57 1.25 0.00	34.09 1.19 0.00	31.82 1.07 0.00	29.62 1.04 0.00	30.26 1.11 0.00	31.73 1.22 0.00	31.38 1.23 0.00	28.73 1.18 0.00	24.78 0.99 0.00	21.99 0.91 0.00	14.30 0.57 0.00	20.90 0.84 0.00	10.44 0.45 0.00	18.76 0.83 0.00	15.73 0.72 0.00	12.93 0.65 0.00	22.49 1.17 0.00	27.16 1.47 0.00	34.11 1.74 0.00	45.90 2.07 0.00	44.69 2.03 0.00	36.19 1.61 0.00	32.43 1.50 0.00	26.65 1.23 0.00
CH_MIDHUDSON___DRP 24192	35.81 1.49 0.00	34.33 1.43 0.00	32.07 1.31 0.00	29.85 1.28 0.00	30.51 1.36 0.00	31.98 1.47 0.00	31.63 1.48 0.00	28.98 1.43 0.00	25.02 1.23 0.00	22.21 1.13 0.00	14.45 0.72 0.00	21.11 1.05 0.00	10.54 0.56 0.00	18.94 1.01 0.00	15.89 0.87 0.00	13.05 0.77 0.00	22.70 1.38 0.00	27.42 1.73 0.00	34.42 2.05 0.00	46.30 2.47 0.00	45.07 2.41 0.00	36.51 1.93 0.00	32.71 1.79 0.00	26.90 1.48 0.00
CH_MISC_IPPS 23765	35.98 1.65 0.00	34.47 1.57 0.00	32.19 1.44 0.00	29.96 1.39 0.00	30.62 1.47 0.00	32.09 1.59 0.00	31.75 1.60 0.00	29.09 1.54 0.00	25.10 1.32 0.00	22.28 1.21 0.00	14.50 0.77 0.00	21.18 1.12 0.00	10.57 0.58 0.00	19.00 1.06 0.00	15.93 0.92 0.00	13.09 0.81 0.00	22.79 1.47 0.00	27.53 1.85 0.00	34.58 2.22 0.00	46.52 2.70 0.00	45.30 2.63 0.00	36.68 2.10 0.00	32.86 1.94 0.00	27.00 1.58 0.00
CH_RES_BVR_FALLS 23983	34.37 0.04 0.00	32.99 0.09 0.00	30.84 0.08 0.00	28.60 0.02 0.00	29.10 -0.05 0.00	30.35 -0.16 0.00	30.11 -0.04 0.00	27.51 -0.05 0.00	23.76 -0.03 0.00	21.02 -0.06 0.00	13.69 -0.04 0.00	19.96 -0.10 0.00	9.92 -0.07 0.00	17.80 -0.13 0.00	14.91 -0.10 0.00	12.20 -0.09 0.00	21.17 -0.15 0.00	25.39 -0.29 0.00	32.03 -0.33 0.00	43.46 -0.37 0.00	42.14 -0.53 0.00	34.18 -0.40 0.00	30.68 -0.24 0.00	25.30 -0.12 0.00
CH_RES_NIAGARA 23895	31.67 -2.66 0.00	30.33 -2.57 0.00	28.25 -2.51 0.00	26.13 -2.45 0.00	26.63 -2.52 0.00	27.79 -2.71 0.00	26.01 -3.33 0.80	13.89 -3.44 10.23	12.00 -2.99 8.80	13.19 -2.52 5.37	11.29 -1.52 0.92	12.04 -2.04 5.98	7.58 -1.02 1.38	8.21 -1.96 7.76	6.07 -1.67 7.27	4.83 -1.30 6.16	10.22 -2.44 8.66	13.04 -3.11 9.53	23.20 -3.87 5.30	38.43 -5.40 0.00	37.71 -4.96 0.00	30.52 -3.88 0.18	27.39 -3.53 0.00	22.51 -2.91 0.00
CH_RES_SYRACUSE 23985	33.81 -0.52 0.00	32.35 -0.55 0.00	30.22 -0.54 0.00	28.06 -0.52 0.00	28.62 -0.53 0.00	29.97 -0.54 0.00	29.53 -0.61 0.00	26.96 -0.60 0.00	23.25 -0.54 0.00	20.56 -0.52 0.00	13.36 -0.37 0.00	19.54 -0.52 0.00	9.73 -0.25 0.00	17.48 -0.46 0.00	14.64 -0.38 0.00	11.99 -0.29 0.00	20.81 -0.51 0.00	25.11 -0.58 0.00	31.66 -0.70 0.00	42.97 -0.86 0.00	41.94 -0.73 0.00	33.97 -0.62 0.00	30.36 -0.57 0.00	24.94 -0.48 0.00
CLINTON_WT_PWR 323605	34.92 0.59 0.00	33.53 0.63 0.00	31.37 0.62 0.00	29.08 0.51 0.00	29.62 0.47 0.00	30.88 0.37 0.00	30.52 0.37 0.00	27.82 0.27 0.00	23.94 0.16 0.00	21.21 0.13 0.00	13.83 0.10 0.00	20.22 0.16 0.00	10.03 0.05 0.00	18.05 0.12 0.00	15.09 0.08 0.00	12.31 0.02 0.00	21.35 0.02 0.00	25.65 -0.04 0.00	32.33 -0.03 0.00	43.92 0.10 0.00	42.52 -0.14 0.00	34.26 -0.32 0.00	30.63 -0.29 0.00	25.18 -0.24 0.00
CLINTON___LFGE 323618	35.23 0.91 0.00	33.84 0.94 0.00	31.69 0.94 0.00	29.39 0.81 0.00	29.92 0.77 0.00	31.20 0.69 0.00	30.80 0.65 0.00	28.13 0.57 0.00	24.18 0.40 0.00	21.40 0.33 0.00	13.96 0.23 0.00	20.44 0.38 0.00	10.13 0.15 0.00	18.23 0.30 0.00	15.22 0.21 0.00	12.40 0.11 0.00	21.50 0.18 0.00	25.86 0.17 0.00	32.56 0.19 0.00	44.33 0.51 0.00	42.95 0.28 0.00	34.64 0.05 0.00	30.94 0.02 0.00	25.39 -0.03 0.00
COBBLENY_34_KV_TB1 80064	32.84 -1.49 0.00	31.37 -1.53 0.00	29.22 -1.53 0.00	27.00 -1.58 0.00	27.54 -1.61 0.00	28.76 -1.75 0.00	26.85 -2.30 0.99	13.94 -2.42 11.19	12.32 -2.13 9.34	13.58 -1.79 5.71	11.68 -1.08 0.98	12.27 -1.43 6.36	7.78 -0.74 1.47	8.27 -1.41 8.25	6.07 -1.21 7.73	4.83 -0.91 6.54	10.37 -1.74 9.21	13.39 -2.18 10.11	24.09 -2.66 5.62	40.17 -3.66 0.00	39.41 -3.26 0.00	31.79 -2.58 0.22	28.59 -2.33 0.00	23.49 -1.93 0.00
COFFEEN___115KV_TB3 355620	34.12 -0.20 0.00	32.70 -0.19 0.00	30.52 -0.23 0.00	28.23 -0.34 0.00	28.73 -0.42 0.00	29.89 -0.62 0.00	29.83 -0.31 0.00	27.21 -0.34 0.00	22.93 -0.86 0.00	19.92 -1.16 0.00	12.87 -0.86 0.00	18.64 -1.42 0.00	9.23 -0.76 0.00	16.47 -1.46 0.00	13.67 -1.35 0.00	11.26 -1.03 0.00	19.56 -1.76 0.00	23.46 -2.23 0.00	29.95 -2.41 0.00	41.65 -2.17 0.00	40.87 -1.79 0.00	33.28 -1.31 0.00	30.50 -0.43 0.00	24.98 -0.44 0.00
COLDSPRG_115KV_BK1 355956	33.70 -0.63 0.00	32.20 -0.70 0.00	29.98 -0.77 0.00	27.65 -0.93 0.00	28.27 -0.89 0.00	29.55 -0.96 0.00	27.59 -1.45 1.11	18.15 -1.53 7.88	16.97 -1.32 5.50	16.68 -1.03 3.36	12.57 -0.58 0.57	15.61 -0.71 3.74	8.71 -0.41 0.86	12.23 -0.85 4.86	9.75 -0.71 4.55	7.96 -0.48 3.85	14.83 -1.07 5.42	18.66 -1.32 5.70	27.49 -1.68 3.19	41.37 -2.46 0.00	40.49 -2.18 0.00	32.51 -1.82 0.24	29.37 -1.55 0.00	24.26 -1.17 0.00
COLONIE_LFGE___ 323577	34.90 0.57 0.00	33.44 0.55 0.00	31.36 0.61 0.00	29.22 0.65 0.00	29.83 0.68 0.00	31.30 0.79 0.00	30.98 0.84 0.00	28.46 0.91 0.00	24.60 0.81 0.00	21.82 0.74 0.00	14.22 0.49 0.00	20.76 0.70 0.00	10.31 0.33 0.00	18.56 0.62 0.00	15.54 0.53 0.00	12.68 0.40 0.00	22.04 0.72 0.00	26.61 0.93 0.00	33.47 1.11 0.00	45.32 1.49 0.00	44.06 1.40 0.00	35.73 1.15 0.00	32.03 1.11 0.00	26.33 0.91 0.00
COOPERNY_115KV_TB1 80082	35.25 0.92 0.00	33.77 0.87 0.00	31.54 0.78 0.00	29.34 0.76 0.00	29.96 0.81 0.00	31.41 0.90 0.00	31.04 0.89 0.00	28.41 0.85 0.00	24.51 0.72 0.00	21.73 0.65 0.00	14.13 0.40 0.00	20.67 0.61 0.00	10.31 0.33 0.00	18.54 0.60 0.00	15.54 0.52 0.00	12.75 0.46 0.00	22.17 0.84 0.00	26.76 1.07 0.00	33.64 1.28 0.00	45.34 1.52 0.00	44.15 1.48 0.00	35.76 1.18 0.00	32.02 1.10 0.00	26.33 0.90 0.00
COPENHAGEN_WT_PWR 323753	33.82 -0.50 0.00	32.43 -0.47 0.00	30.29 -0.47 0.00	28.00 -0.57 0.00	28.46 -0.68 0.00	29.58 -0.93 0.00	29.56 -0.58 0.00	27.00 -0.56 0.00	22.91 -0.88 0.00	19.93 -1.15 0.00	12.87 -0.86 0.00	18.63 -1.43 0.00	9.21 -0.77 0.00	16.42 -1.51 0.00	13.60 -1.41 0.00	11.22 -1.06 0.00	19.48 -1.84 0.00	23.31 -2.38 0.00	29.70 -2.66 0.00	41.03 -2.79 0.00	40.12 -2.55 0.00	32.70 -1.89 0.00	30.16 -0.76 0.00	24.72 -0.70 0.00
CORNELL_____ 23752	34.50 0.17 0.00	32.96 0.07 0.00	30.78 0.03 0.00	28.55 -0.03 0.00	29.14 -0.02 0.00	30.52 0.01 0.00	34.37 -0.04 -4.27	41.57 -0.10 -14.12	27.42 -0.19 -3.83	23.06 -0.36 -2.34	13.81 -0.31 -0.40	22.18 -0.48 -2.60	10.34 -0.24 -0.60	20.87 -0.44 -3.37	17.81 -0.36 -3.17	14.69 -0.27 -2.68	24.66 -0.43 -3.77	29.46 -0.38 -4.15	34.47 -0.20 -2.31	43.96 0.13 0.00	43.04 0.38 0.00	35.76 0.24 -0.94	31.08 0.15 0.00	25.50 0.08 0.00

CORONA_V_69_KV_TB1 355595	96.02 2.23 -59.47	99.36 2.25 -64.21	86.65 2.05 -53.85	85.92 1.91 -55.42	79.54 1.97 -48.41	94.92 2.10 -62.31	91.69 2.04 -59.50	69.83 1.88 -40.39	60.97 1.64 -35.55	77.08 1.56 -54.45	49.00 1.01 -34.26	40.83 1.45 -19.32	46.72 0.77 -35.97	47.85 1.39 -28.53	39.87 1.18 -23.68	56.83 1.09 -43.46	80.91 1.89 -57.71	101.83 2.27 -73.87	132.49 2.58 -97.54	109.80 2.93 -63.04	137.30 3.05 -91.59	135.82 2.48 -98.76	109.17 2.35 -75.90	111.29 1.98 -83.89
CORTLAND_115KV_TB3 80093	34.29 -0.04 0.00	32.79 -0.11 0.00	30.62 -0.13 0.00	28.43 -0.15 0.00	29.02 -0.13 0.00	30.39 -0.12 0.00	31.12 -0.17 -1.16	30.23 -0.17 -2.85	23.59 -0.20 0.00	20.78 -0.29 0.00	13.49 -0.24 0.00	19.72 -0.34 0.00	9.81 -0.17 0.00	17.63 -0.31 0.00	14.75 -0.26 0.00	12.10 -0.18 0.00	21.01 -0.31 0.00	25.39 -0.30 0.00	32.12 -0.25 0.00	43.67 -0.16 0.00	42.66 0.00 0.00	34.80 -0.04 -0.25	30.88 -0.04 0.00	25.36 -0.06 0.00
COXSACKIE___GT 23611	35.74 1.41 0.00	34.19 1.29 0.00	32.04 1.28 0.00	29.85 1.28 0.00	30.47 1.32 0.00	31.97 1.46 0.00	31.65 1.50 0.00	29.04 1.48 0.00	25.11 1.32 0.00	22.28 1.20 0.00	14.41 0.68 0.00	21.00 0.94 0.00	10.42 0.43 0.00	18.60 0.67 0.00	15.58 0.57 0.00	12.70 0.42 0.00	22.12 0.80 0.00	26.87 1.18 0.00	34.02 1.66 0.00	46.22 2.39 0.00	45.13 2.46 0.00	36.60 2.02 0.00	32.75 1.82 0.00	26.88 1.46 0.00
CPV_VALLEY___CC1 323721	35.45 1.13 0.00	33.96 1.07 0.00	31.71 0.96 0.00	29.51 0.93 0.00	30.16 1.01 0.00	31.61 1.10 0.00	31.26 1.11 0.00	28.62 1.07 0.00	24.69 0.90 0.00	21.91 0.83 0.00	14.26 0.53 0.00	20.84 0.78 0.00	10.41 0.42 0.00	18.71 0.77 0.00	15.69 0.67 0.00	12.89 0.61 0.00	22.40 1.08 0.00	27.04 1.36 0.00	33.96 1.60 0.00	45.70 1.87 0.00	44.49 1.83 0.00	36.04 1.46 0.00	32.28 1.36 0.00	26.54 1.12 0.00
CPV_VALLEY___CC2 323722	35.45 1.13 0.00	33.96 1.07 0.00	31.71 0.96 0.00	29.51 0.93 0.00	30.16 1.01 0.00	31.61 1.10 0.00	31.26 1.11 0.00	28.62 1.07 0.00	24.69 0.90 0.00	21.91 0.83 0.00	14.26 0.53 0.00	20.84 0.78 0.00	10.41 0.42 0.00	18.71 0.77 0.00	15.69 0.67 0.00	12.89 0.61 0.00	22.40 1.08 0.00	27.04 1.36 0.00	33.96 1.60 0.00	45.70 1.87 0.00	44.49 1.83 0.00	36.04 1.46 0.00	32.28 1.36 0.00	26.54 1.12 0.00
CRESCENT___HYD 24018	34.90 0.57 0.00	33.44 0.55 0.00	31.36 0.61 0.00	29.22 0.65 0.00	29.83 0.68 0.00	31.30 0.79 0.00	30.98 0.84 0.00	28.46 0.91 0.00	24.60 0.81 0.00	21.82 0.74 0.00	14.22 0.49 0.00	20.76 0.70 0.00	10.31 0.33 0.00	18.56 0.62 0.00	15.54 0.53 0.00	12.68 0.40 0.00	22.04 0.72 0.00	26.61 0.93 0.00	33.47 1.11 0.00	45.32 1.49 0.00	44.06 1.40 0.00	35.73 1.15 0.00	32.03 1.11 0.00	26.33 0.91 0.00
CRICKET___VALLEY_CC1 323756	35.63 1.31 0.00	34.15 1.26 0.00	31.91 1.16 0.00	29.71 1.13 0.00	30.36 1.21 0.00	31.83 1.32 0.00	31.47 1.33 0.00	28.84 1.28 0.00	24.89 1.11 0.00	22.10 1.02 0.00	14.39 0.66 0.00	21.02 0.97 0.00	10.51 0.52 0.00	18.88 0.95 0.00	15.83 0.82 0.00	13.01 0.73 0.00	22.62 1.30 0.00	27.29 1.60 0.00	34.23 1.86 0.00	46.01 2.18 0.00	44.79 2.12 0.00	36.29 1.71 0.00	32.53 1.61 0.00	26.76 1.34 0.00
CRICKET___VALLEY_CC2 323757	35.63 1.31 0.00	34.15 1.26 0.00	31.91 1.16 0.00	29.71 1.13 0.00	30.36 1.21 0.00	31.83 1.32 0.00	31.47 1.33 0.00	28.84 1.28 0.00	24.89 1.11 0.00	22.10 1.02 0.00	14.39 0.66 0.00	21.02 0.97 0.00	10.51 0.52 0.00	18.88 0.95 0.00	15.83 0.82 0.00	13.01 0.73 0.00	22.62 1.30 0.00	27.29 1.60 0.00	34.23 1.86 0.00	46.01 2.18 0.00	44.79 2.12 0.00	36.29 1.71 0.00	32.53 1.61 0.00	26.76 1.34 0.00
CRICKET___VALLEY_CC3 323758	35.63 1.31 0.00	34.15 1.26 0.00	31.91 1.16 0.00	29.71 1.13 0.00	30.36 1.21 0.00	31.83 1.32 0.00	31.47 1.33 0.00	28.84 1.28 0.00	24.89 1.11 0.00	22.10 1.02 0.00	14.39 0.66 0.00	21.02 0.97 0.00	10.51 0.52 0.00	18.88 0.95 0.00	15.83 0.82 0.00	13.01 0.73 0.00	22.62 1.30 0.00	27.29 1.60 0.00	34.23 1.86 0.00	46.01 2.18 0.00	44.79 2.12 0.00	36.29 1.71 0.00	32.53 1.61 0.00	26.76 1.34 0.00
CRUCIBLE_METL_DRP 24180	33.81 -0.52 0.00	32.35 -0.54 0.00	30.22 -0.53 0.00	28.06 -0.52 0.00	28.62 -0.53 0.00	29.97 -0.54 0.00	29.54 -0.61 0.00	26.96 -0.59 0.00	23.25 -0.54 0.00	20.55 -0.53 0.00	13.36 -0.37 0.00	19.54 -0.52 0.00	9.73 -0.25 0.00	17.48 -0.46 0.00	14.64 -0.38 0.00	11.99 -0.30 0.00	20.81 -0.51 0.00	25.11 -0.58 0.00	31.66 -0.70 0.00	42.97 -0.86 0.00	41.94 -0.73 0.00	33.97 -0.62 0.00	30.36 -0.56 0.00	24.94 -0.48 0.00
DAHOWA___HYDRO 323763	35.44 1.12 0.00	33.92 1.03 0.00	31.82 1.06 0.00	29.62 1.05 0.00	30.25 1.11 0.00	31.77 1.26 0.00	31.46 1.32 0.00	28.91 1.36 0.00	25.02 1.24 0.00	22.15 1.08 0.00	14.42 0.69 0.00	21.05 0.99 0.00	10.38 0.39 0.00	18.71 0.78 0.00	15.67 0.66 0.00	12.77 0.49 0.00	22.21 0.89 0.00	26.84 1.16 0.00	33.89 1.53 0.00	45.99 2.16 0.00	44.76 2.09 0.00	36.29 1.70 0.00	32.47 1.54 0.00	26.64 1.21 0.00
DANC___LFGE 323619	33.58 -0.75 0.00	32.18 -0.72 0.00	30.06 -0.70 0.00	27.84 -0.74 0.00	28.34 -0.81 0.00	29.53 -0.97 0.00	29.37 -0.78 0.00	26.82 -0.74 0.00	22.89 -0.90 0.00	20.05 -1.03 0.00	12.99 -0.74 0.00	18.88 -1.18 0.00	9.36 -0.62 0.00	16.74 -1.19 0.00	13.93 -1.08 0.00	11.45 -0.84 0.00	19.86 -1.46 0.00	23.83 -1.85 0.00	30.26 -2.10 0.00	41.53 -2.30 0.00	40.60 -2.07 0.00	33.02 -1.56 0.00	30.10 -0.82 0.00	24.70 -0.72 0.00
DANSKAMMER___1 23586	35.98 1.65 0.00	34.47 1.57 0.00	32.19 1.44 0.00	29.96 1.39 0.00	30.62 1.47 0.00	32.09 1.59 0.00	31.75 1.60 0.00	29.09 1.54 0.00	25.10 1.32 0.00	22.28 1.21 0.00	14.50 0.77 0.00	21.18 1.12 0.00	10.57 0.58 0.00	19.00 1.06 0.00	15.93 0.92 0.00	13.09 0.81 0.00	22.79 1.47 0.00	27.53 1.85 0.00	34.58 2.22 0.00	46.52 2.70 0.00	45.30 2.63 0.00	36.68 2.10 0.00	32.86 1.94 0.00	27.00 1.58 0.00
DANSKAMMER___2 23589	35.98 1.65 0.00	34.47 1.57 0.00	32.19 1.44 0.00	29.96 1.39 0.00	30.62 1.47 0.00	32.09 1.59 0.00	31.75 1.60 0.00	29.09 1.54 0.00	25.10 1.32 0.00	22.28 1.21 0.00	14.50 0.77 0.00	21.18 1.12 0.00	10.57 0.58 0.00	19.00 1.06 0.00	15.93 0.92 0.00	13.09 0.81 0.00	22.79 1.47 0.00	27.53 1.85 0.00	34.58 2.22 0.00	46.52 2.70 0.00	45.30 2.63 0.00	36.68 2.10 0.00	32.86 1.94 0.00	27.00 1.58 0.00
DANSKAMMER___3 23590	35.98 1.65 0.00	34.47 1.57 0.00	32.19 1.44 0.00	29.96 1.39 0.00	30.62 1.47 0.00	32.09 1.59 0.00	31.75 1.60 0.00	29.09 1.54 0.00	25.10 1.32 0.00	22.28 1.21 0.00	14.50 0.77 0.00	21.18 1.12 0.00	10.57 0.58 0.00	19.00 1.06 0.00	15.93 0.92 0.00	13.09 0.81 0.00	22.79 1.47 0.00	27.53 1.85 0.00	34.58 2.22 0.00	46.52 2.70 0.00	45.30 2.63 0.00	36.68 2.10 0.00	32.86 1.94 0.00	27.00 1.58 0.00

DANSKAMMER___4 23591	35.98 1.65 0.00	34.47 1.57 0.00	32.19 1.44 0.00	29.96 1.39 0.00	30.62 1.47 0.00	32.09 1.59 0.00	31.75 1.60 0.00	29.09 1.54 0.00	25.10 1.32 0.00	22.28 1.21 0.00	14.50 0.77 0.00	21.18 1.12 0.00	10.57 0.58 0.00	19.00 1.06 0.00	15.93 0.92 0.00	13.09 0.81 0.00	22.79 1.47 0.00	27.53 1.85 0.00	34.58 2.22 0.00	46.52 2.70 0.00	45.30 2.63 0.00	36.68 2.10 0.00	32.86 1.94 0.00	27.00 1.58 0.00
DANSKAMMER___DIESEL 23592	35.98 1.65 0.00	34.47 1.57 0.00	32.19 1.44 0.00	29.96 1.39 0.00	30.62 1.47 0.00	32.09 1.59 0.00	31.75 1.60 0.00	29.09 1.54 0.00	25.10 1.32 0.00	22.28 1.21 0.00	14.49 0.77 0.00	21.18 1.12 0.00	10.57 0.58 0.00	19.00 1.06 0.00	15.93 0.91 0.00	13.09 0.81 0.00	22.79 1.46 0.00	27.54 1.85 0.00	34.58 2.22 0.00	46.52 2.70 0.00	45.30 2.63 0.00	36.68 2.09 0.00	32.86 1.93 0.00	27.00 1.58 0.00
DARBY___SOLAR 323810	35.35 1.03 0.00	33.85 0.96 0.00	31.74 0.99 0.00	29.56 0.98 0.00	30.18 1.03 0.00	31.69 1.18 0.00	31.38 1.23 0.00	28.82 1.27 0.00	24.93 1.14 0.00	22.07 0.99 0.00	14.37 0.64 0.00	20.97 0.91 0.00	10.35 0.37 0.00	18.67 0.73 0.00	15.63 0.62 0.00	12.74 0.46 0.00	22.15 0.83 0.00	26.79 1.10 0.00	33.80 1.43 0.00	45.86 2.03 0.00	44.62 1.96 0.00	36.19 1.61 0.00	32.38 1.46 0.00	26.58 1.16 0.00
DASHVILLE___HYD 23610	35.71 1.38 0.00	34.22 1.32 0.00	31.98 1.22 0.00	29.77 1.19 0.00	30.42 1.27 0.00	31.88 1.37 0.00	31.53 1.39 0.00	28.88 1.33 0.00	24.93 1.15 0.00	22.14 1.06 0.00	14.40 0.68 0.00	21.06 1.00 0.00	10.52 0.54 0.00	18.90 0.96 0.00	15.85 0.83 0.00	13.02 0.73 0.00	22.64 1.32 0.00	27.34 1.65 0.00	34.32 1.96 0.00	46.18 2.36 0.00	44.96 2.29 0.00	36.42 1.84 0.00	32.62 1.70 0.00	26.82 1.40 0.00
DELAWARE___LFGE 323621	34.95 0.62 0.00	33.46 0.56 0.00	31.26 0.51 0.00	29.05 0.47 0.00	29.65 0.50 0.00	31.06 0.56 0.00	30.70 0.55 0.00	28.08 0.53 0.00	24.26 0.47 0.00	21.47 0.40 0.00	13.96 0.23 0.00	20.40 0.34 0.00	10.17 0.18 0.00	18.29 0.35 0.00	15.32 0.30 0.00	12.54 0.25 0.00	21.78 0.46 0.00	26.31 0.63 0.00	33.18 0.82 0.00	44.90 1.08 0.00	43.77 1.10 0.00	35.47 0.88 0.00	31.70 0.78 0.00	26.04 0.62 0.00
DERFIELD_115KV_TB7 355931	34.23 -0.09 0.00	32.80 -0.10 0.00	30.66 -0.09 0.00	28.50 -0.07 0.00	29.09 -0.06 0.00	30.45 -0.05 0.00	30.10 -0.05 0.00	27.54 -0.02 0.00	23.78 0.00 0.00	21.07 -0.01 0.00	13.71 -0.01 0.00	20.04 -0.02 0.00	9.97 -0.02 0.00	17.90 -0.03 0.00	14.98 -0.03 0.00	12.26 -0.02 0.00	21.30 -0.02 0.00	25.67 -0.02 0.00	32.33 -0.03 0.00	43.77 -0.05 0.00	42.62 -0.04 0.00	34.55 -0.03 0.00	30.92 0.00 0.00	25.43 0.01 0.00
DOGLEVILLE___HYD 23807	33.88 -0.45 0.00	32.35 -0.54 0.00	30.28 -0.48 0.00	28.22 -0.35 0.00	28.84 -0.32 0.00	30.27 -0.24 0.00	29.92 -0.22 0.00	27.48 -0.08 0.00	23.78 -0.01 0.00	21.06 -0.02 0.00	13.68 -0.05 0.00	19.81 -0.25 0.00	9.66 -0.33 0.00	17.19 -0.74 0.00	14.24 -0.77 0.00	11.63 -0.66 0.00	20.29 -1.03 0.00	24.80 -0.88 0.00	31.54 -0.83 0.00	43.11 -0.72 0.00	42.19 -0.47 0.00	34.22 -0.36 0.00	30.66 -0.26 0.00	25.14 -0.28 0.00
DUNKIRK___115KV_TB_200 55889	32.94 -1.39 0.00	31.45 -1.44 0.00	29.28 -1.48 0.00	27.02 -1.56 0.00	27.68 -1.47 0.00	28.93 -1.58 0.00	27.02 -2.14 0.98	13.14 -2.33 12.08	11.42 -2.05 10.31	13.08 -1.70 6.30	11.68 -0.97 1.08	11.74 -1.30 7.01	7.67 -0.70 1.62	7.43 -1.40 9.10	5.29 -1.19 8.53	4.19 -0.87 7.22	9.47 -1.69 10.16	12.34 -2.08 11.26	23.61 -2.51 6.25	40.35 -3.48 0.00	39.49 -3.17 0.00	31.77 -2.60 0.22	28.70 -2.23 0.00	23.66 -1.77 0.00
DUNKIRK___1 23563	32.94 -1.39 0.00	31.45 -1.44 0.00	29.28 -1.48 0.00	27.02 -1.56 0.00	27.68 -1.47 0.00	28.93 -1.58 0.00	27.02 -2.14 0.98	13.14 -2.33 12.08	11.42 -2.05 10.31	13.08 -1.70 6.30	11.68 -0.97 1.08	11.74 -1.30 7.01	7.67 -0.70 1.62	7.43 -1.40 9.10	5.29 -1.19 8.53	4.19 -0.87 7.22	9.47 -1.69 10.16	12.34 -2.08 11.26	23.61 -2.51 6.25	40.35 -3.48 0.00	39.49 -3.17 0.00	31.77 -2.60 0.22	28.70 -2.23 0.00	23.66 -1.77 0.00
DUNKIRK___2 23564	32.94 -1.39 0.00	31.45 -1.44 0.00	29.28 -1.48 0.00	27.02 -1.56 0.00	27.68 -1.47 0.00	28.93 -1.58 0.00	27.02 -2.14 0.98	13.14 -2.33 12.08	11.42 -2.05 10.31	13.08 -1.70 6.30	11.68 -0.97 1.08	11.74 -1.30 7.01	7.67 -0.70 1.62	7.43 -1.40 9.10	5.29 -1.19 8.53	4.19 -0.87 7.22	9.47 -1.69 10.16	12.34 -2.08 11.26	23.61 -2.51 6.25	40.35 -3.48 0.00	39.49 -3.17 0.00	31.77 -2.60 0.22	28.70 -2.23 0.00	23.66 -1.77 0.00
DUNKIRK___3 23565	32.84 -1.48 0.00	31.37 -1.53 0.00	29.20 -1.55 0.00	26.96 -1.62 0.00	27.57 -1.58 0.00	28.82 -1.69 0.00	26.94 -2.23 0.97	12.39 -2.37 12.79	10.60 -2.08 11.11	12.56 -1.73 6.79	11.55 -1.02 1.16	11.15 -1.35 7.56	7.53 -0.71 1.74	6.74 -1.39 9.80	4.64 -1.19 9.18	3.63 -0.88 7.77	8.69 -1.69 10.94	11.50 -2.11 12.08	23.08 -2.57 6.71	40.25 -3.58 0.00	39.40 -3.27 0.00	31.74 -2.63 0.21	28.62 -2.31 0.00	23.57 -1.85 0.00
DUNKIRK___4 23566	32.84 -1.48 0.00	31.37 -1.53 0.00	29.20 -1.55 0.00	26.96 -1.62 0.00	27.57 -1.58 0.00	28.82 -1.69 0.00	26.94 -2.23 0.97	12.39 -2.37 12.79	10.60 -2.08 11.11	12.56 -1.73 6.79	11.55 -1.02 1.16	11.15 -1.35 7.56	7.53 -0.71 1.74	6.74 -1.39 9.80	4.64 -1.19 9.18	3.63 -0.88 7.77	8.69 -1.69 10.94	11.50 -2.11 12.08	23.08 -2.57 6.71	40.25 -3.58 0.00	39.40 -3.27 0.00	31.74 -2.63 0.21	28.62 -2.31 0.00	23.57 -1.85 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	36.05 1.72 0.00	34.56 1.66 0.00	32.26 1.50 0.00	30.00 1.42 0.00	30.62 1.47 0.00	32.10 1.59 0.00	31.73 1.59 0.00	29.08 1.53 0.00	25.10 1.32 0.00	22.30 1.22 0.00	14.51 0.78 0.00	21.20 1.14 0.00	10.60 0.62 0.00	19.05 1.11 0.00	15.98 0.97 0.00	13.15 0.87 0.00	22.86 1.54 0.00	27.57 1.88 0.00	34.56 2.19 0.00	46.40 2.58 0.00	45.17 2.50 0.00	36.60 2.02 0.00	32.81 1.89 0.00	27.00 1.58 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	35.78 1.45 0.00	34.27 1.38 0.00	32.01 1.25 0.00	29.79 1.21 0.00	30.43 1.28 0.00	31.91 1.40 0.00	31.56 1.41 0.00	28.90 1.35 0.00	24.93 1.15 0.00	22.13 1.05 0.00	14.39 0.67 0.00	21.04 0.98 0.00	10.51 0.52 0.00	18.87 0.94 0.00	15.83 0.82 0.00	13.01 0.72 0.00	22.63 1.31 0.00	27.34 1.66 0.00	34.34 1.98 0.00	46.21 2.38 0.00	44.99 2.33 0.00	36.43 1.85 0.00	32.64 1.72 0.00	26.83 1.40 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	36.04 1.71 0.00	34.52 1.62 0.00	32.26 1.50 0.00	29.98 1.40 0.00	30.62 1.46 0.00	32.06 1.55 0.00	31.73 1.58 0.00	29.13 1.57 0.00	25.16 1.38 0.00	22.34 1.26 0.00	14.54 0.81 0.00	21.24 1.19 0.00	10.63 0.65 0.00	19.11 1.17 0.00	16.04 1.03 0.00	13.21 0.92 0.00	22.95 1.63 0.00	27.64 1.95 0.00	34.62 2.25 0.00	46.52 2.70 0.00	45.28 2.62 0.00	36.68 2.10 0.00	32.85 1.93 0.00	27.10 1.67 -0.01

E179THST_13_KV_LOAD 356214	36.16 1.84 0.00	34.64 1.74 0.00	32.36 1.61 0.00	30.08 1.50 0.00	30.71 1.56 0.00	32.17 1.66 0.00	31.83 1.69 0.00	29.21 1.66 0.00	25.25 1.46 0.00	22.42 1.34 0.00	14.60 0.87 0.00	21.33 1.27 0.00	10.68 0.69 0.00	19.19 1.26 0.00	16.10 1.09 0.00	13.26 0.97 0.00	23.04 1.72 0.00	27.75 2.07 0.00	34.77 2.40 0.00	46.70 2.88 0.00	45.46 2.79 0.00	36.82 2.24 0.00	32.97 2.05 0.00	27.20 1.77 -0.01
EAST HAMPTON___GT 23717	112.85 3.52 -75.00	41.02 3.85 -4.28	30.50 3.41 3.66	26.55 2.58 4.61	27.47 2.34 4.03	27.26 1.90 5.15	27.35 1.93 4.73	25.89 1.68 3.35	22.21 1.37 2.95	17.80 1.24 4.51	11.61 0.81 2.93	19.44 1.08 1.70	7.44 0.58 3.13	16.51 1.02 2.44	14.39 0.97 1.59	15.25 1.17 -1.79	26.39 2.20 -2.88	29.23 2.30 -1.23	34.02 2.53 0.88	42.76 3.60 4.66	54.59 4.66 -7.26	56.11 4.00 -17.53	38.09 3.74 -3.43	33.66 3.07 -5.17
EAST RIVER___6 23660	36.21 1.89 0.00	34.70 1.80 0.00	32.39 1.64 0.00	30.14 1.56 0.00	30.78 1.63 0.00	32.26 1.75 0.00	31.90 1.76 0.00	29.27 1.71 0.00	25.28 1.49 0.00	22.46 1.39 0.00	14.63 0.90 0.00	21.37 1.31 0.00	10.70 0.71 0.00	19.21 1.28 0.00	16.12 1.10 0.00	13.25 0.96 0.00	23.02 1.70 0.00	27.74 2.06 0.00	34.74 2.38 0.00	46.59 2.76 0.00	45.35 2.68 0.00	36.74 2.16 0.00	32.95 2.03 0.00	27.14 1.71 -0.01
EAST RIVER___7 23524	36.21 1.89 0.00	34.70 1.80 0.00	32.39 1.64 0.00	30.14 1.56 0.00	30.78 1.63 0.00	32.26 1.75 0.00	31.90 1.76 0.00	29.27 1.71 0.00	25.28 1.49 0.00	22.46 1.39 0.00	14.63 0.90 0.00	21.37 1.31 0.00	10.70 0.71 0.00	19.21 1.28 0.00	16.12 1.10 0.00	13.25 0.96 0.00	23.02 1.70 0.00	27.74 2.06 0.00	34.74 2.38 0.00	46.59 2.76 0.00	45.35 2.68 0.00	36.74 2.16 0.00	32.95 2.03 0.00	27.14 1.71 -0.01
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	35.91 1.58 0.00	34.42 1.52 0.00	32.13 1.37 0.00	29.90 1.32 0.00	30.53 1.38 0.00	32.01 1.50 0.00	31.65 1.51 0.00	29.01 1.45 0.00	25.03 1.25 0.00	22.24 1.15 0.00	14.47 0.74 0.00	21.14 1.09 0.00	10.57 0.59 0.00	19.00 1.07 0.00	15.94 0.93 0.00	13.12 0.83 0.00	22.81 1.49 0.00	27.51 1.82 0.00	34.48 2.12 0.00	46.29 2.47 0.00	45.06 2.40 0.00	36.50 1.92 0.00	32.72 1.80 0.00	26.93 1.51 0.00
EAST_HAMPTON___DIESEL 23722	112.84 3.51 -75.00	41.01 3.84 -4.28	30.49 3.39 3.66	26.51 2.54 4.61	27.42 2.29 4.03	27.17 1.81 5.15	27.26 1.84 4.73	25.80 1.60 3.35	22.14 1.30 2.95	17.73 1.17 4.51	11.57 0.77 2.93	19.37 1.01 1.70	7.41 0.55 3.13	16.46 0.96 2.44	14.35 0.93 1.59	15.23 1.16 -1.79	26.36 2.17 -2.88	29.17 2.25 -1.23	33.92 2.44 0.88	42.67 3.50 4.66	54.55 4.63 -7.26	56.09 3.98 -17.53	38.08 3.72 -3.43	33.64 3.06 -5.17
EAST_POINT___SOLAR 323840	36.12 1.79 0.00	34.51 1.61 0.00	32.26 1.51 0.00	29.92 1.34 0.00	30.46 1.31 0.00	31.89 1.38 0.00	31.54 1.40 0.00	28.74 1.18 0.00	24.85 1.07 0.00	21.88 0.81 0.00	14.15 0.42 0.00	20.16 0.10 0.00	9.89 -0.09 0.00	17.92 -0.01 0.00	14.93 -0.08 0.00	12.20 -0.09 0.00	21.27 -0.05 0.00	25.81 0.12 0.00	33.32 0.96 0.00	46.40 2.57 0.00	45.56 2.90 0.00	36.98 2.39 0.00	33.00 2.08 0.00	27.00 1.57 0.00
EAST_PULASKI___ESR 323781	33.43 -0.89 0.00	32.02 -0.88 0.00	29.91 -0.84 0.00	27.75 -0.82 0.00	28.30 -0.85 0.00	29.58 -0.93 0.00	29.25 -0.89 0.00	26.72 -0.84 0.00	22.92 -0.86 0.00	20.21 -0.86 0.00	13.13 -0.59 0.00	19.15 -0.90 0.00	9.52 -0.46 0.00	17.07 -0.87 0.00	14.26 -0.76 0.00	11.68 -0.61 0.00	20.26 -1.06 0.00	24.38 -1.31 0.00	30.86 -1.51 0.00	42.09 -1.74 0.00	41.12 -1.54 0.00	33.38 -1.20 0.00	30.07 -0.85 0.00	24.72 -0.70 0.00
EAST_RIVER___1 323558	36.15 1.82 0.00	34.65 1.76 0.00	32.34 1.59 0.00	30.09 1.52 0.00	30.73 1.59 0.00	32.21 1.70 0.00	31.85 1.71 0.00	29.21 1.66 0.00	25.23 1.44 0.00	22.41 1.34 0.00	14.59 0.86 0.00	21.32 1.26 0.00	10.67 0.69 0.00	19.17 1.23 0.00	16.08 1.07 0.00	13.24 0.95 0.00	23.01 1.69 0.00	27.73 2.04 0.00	34.73 2.37 0.00	46.58 2.75 0.00	45.33 2.66 0.00	36.74 2.16 0.00	32.94 2.02 0.00	27.13 1.71 -0.01
EAST_RIVER___2 323559	36.21 1.89 0.00	34.70 1.80 0.00	32.39 1.64 0.00	30.14 1.56 0.00	30.78 1.63 0.00	32.26 1.75 0.00	31.90 1.76 0.00	29.27 1.71 0.00	25.28 1.49 0.00	22.46 1.39 0.00	14.63 0.90 0.00	21.37 1.31 0.00	10.70 0.71 0.00	19.21 1.28 0.00	16.12 1.10 0.00	13.25 0.96 0.00	23.02 1.70 0.00	27.74 2.06 0.00	34.74 2.38 0.00	46.59 2.76 0.00	45.35 2.68 0.00	36.74 2.16 0.00	32.95 2.03 0.00	27.14 1.71 -0.01
EAST___DELAWARE_HYD 23607	36.14 1.81 0.00	34.59 1.70 0.00	32.29 1.53 0.00	30.04 1.47 0.00	30.70 1.55 0.00	32.17 1.67 0.00	31.82 1.68 0.00	29.12 1.56 0.00	25.10 1.32 0.00	22.26 1.18 0.00	14.45 0.72 0.00	21.12 1.06 0.00	10.52 0.53 0.00	18.89 0.96 0.00	15.82 0.81 0.00	13.00 0.71 0.00	22.63 1.31 0.00	27.40 1.71 0.00	34.55 2.18 0.00	46.61 2.78 0.00	45.39 2.72 0.00	36.76 2.18 0.00	32.89 1.97 0.00	27.02 1.60 0.00
EIGHT_POINT___WT_PWR 323820	32.63 -1.69 0.00	30.92 -1.98 0.00	28.56 -2.20 0.00	26.23 -2.35 0.00	26.79 -2.36 0.00	28.18 -2.33 0.00	25.45 -2.47 2.23	53.05 -2.43 -27.92	57.32 -2.13 -35.66	40.96 -1.88 -21.77	16.12 -1.33 -3.72	42.26 -2.03 -24.23	14.55 -1.02 -5.59	47.63 -1.74 -31.44	43.00 -1.48 -29.46	36.09 -1.13 -24.94	54.32 -2.11 -35.10	61.92 -2.39 -38.62	51.03 -2.79 -21.46	40.85 -2.97 0.00	40.57 -2.09 0.00	32.39 -1.70 0.49	29.26 -1.66 0.00	23.97 -1.45 0.00
ELBRIDGE_115KV_TB2 80188	33.57 -0.75 0.00	32.14 -0.76 0.00	30.01 -0.74 0.00	27.86 -0.72 0.00	28.41 -0.73 0.00	29.75 -0.76 0.00	29.32 -0.82 0.00	26.75 -0.80 0.00	23.08 -0.71 0.00	20.41 -0.66 0.00	13.26 -0.46 0.00	19.39 -0.67 0.00	9.66 -0.32 0.00	17.36 -0.58 0.00	14.53 -0.48 0.00	11.90 -0.39 0.00	20.66 -0.66 0.00	24.91 -0.78 0.00	31.39 -0.97 0.00	42.64 -1.18 0.00	41.63 -1.04 0.00	33.74 -0.85 0.00	30.15 -0.77 0.00	24.75 -0.67 0.00
ELEC_TRO_TEK 24086	62.08 2.07 -25.68	69.04 2.09 -34.05	54.49 1.91 -21.83	52.04 1.77 -21.69	49.93 1.84 -18.94	56.74 1.95 -24.28	54.58 1.88 -22.55	44.73 1.76 -15.42	38.89 1.54 -13.57	43.32 1.46 -20.78	28.04 0.95 -13.35	29.07 1.37 -7.64	24.85 0.73 -14.14	30.34 1.31 -11.09	25.93 1.12 -9.80	35.36 1.03 -22.04	52.48 1.79 -29.37	63.24 2.15 -35.41	78.88 2.43 -44.08	71.16 2.74 -24.60	85.94 2.83 -40.45	78.70 2.34 -41.78	69.50 2.23 -36.34	70.83 1.87 -43.54
ELLENBURG_WT_PWR 323604	34.92 0.59 0.00	33.53 0.63 0.00	31.37 0.62 0.00	29.08 0.51 0.00	29.62 0.47 0.00	30.88 0.37 0.00	30.52 0.37 0.00	27.82 0.27 0.00	23.94 0.16 0.00	21.21 0.13 0.00	13.83 0.10 0.00	20.22 0.16 0.00	10.03 0.05 0.00	18.05 0.12 0.00	15.09 0.08 0.00	12.31 0.02 0.00	21.35 0.02 0.00	25.65 -0.04 0.00	32.33 -0.03 0.00	43.92 0.10 0.00	42.52 -0.14 0.00	34.26 -0.32 0.00	30.63 -0.29 0.00	25.18 -0.24 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.46 -1.87 0.00	31.05 -1.85 0.00	28.91 -1.84 0.00	26.73 -1.85 0.00	27.25 -1.90 0.00	28.47 -2.04 0.00	26.62 -2.62 0.90	11.48 -2.78 13.30	9.54 -2.43 11.82	11.82 -2.04 7.21	11.28 -1.22 1.23	10.38 -1.65 8.03	7.29 -0.84 1.85	5.91 -1.60 10.42	3.87 -1.37 9.77	2.97 -1.04 8.27	7.70 -1.98 11.64	10.37 -2.50 12.81	22.19 -3.06 7.12	39.63 -4.20 0.00	38.87 -3.80 0.00	31.40 -2.99 0.20	28.22 -2.70 0.00	23.20 -2.22 0.00
EMPIRE_CC_1 323656	34.64 0.31 0.00	33.22 0.33 0.00	31.16 0.40 0.00	29.07 0.49 0.00	29.66 0.51 0.00	31.15 0.64 0.00	30.82 0.68 0.00	28.29 0.73 0.00	24.45 0.66 0.00	21.69 0.62 0.00	14.16 0.44 0.00	20.66 0.60 0.00	10.30 0.31 0.00	18.51 0.58 0.00	15.51 0.50 0.00	12.66 0.38 0.00	22.00 0.68 0.00	26.53 0.85 0.00	33.29 0.92 0.00	45.00 1.18 0.00	43.75 1.09 0.00	35.49 0.91 0.00	31.83 0.91 0.00	26.24 0.82 0.00
EMPIRE_CC_2 323658	34.64 0.31 0.00	33.22 0.33 0.00	31.16 0.40 0.00	29.07 0.49 0.00	29.66 0.51 0.00	31.15 0.64 0.00	30.82 0.68 0.00	28.29 0.73 0.00	24.45 0.66 0.00	21.69 0.62 0.00	14.16 0.44 0.00	20.66 0.60 0.00	10.30 0.31 0.00	18.51 0.58 0.00	15.51 0.50 0.00	12.66 0.38 0.00	22.00 0.68 0.00	26.53 0.85 0.00	33.29 0.92 0.00	45.00 1.18 0.00	43.75 1.09 0.00	35.49 0.91 0.00	31.83 0.91 0.00	26.24 0.82 0.00
ENORWICH_115KV_TB1 80156	34.85 0.52 0.00	33.20 0.30 0.00	31.02 0.27 0.00	28.75 0.18 0.00	29.37 0.21 0.00	30.93 0.42 0.00	32.04 0.52 -1.38	33.34 0.56 -5.23	26.33 0.59 -1.95	22.38 0.11 -1.19	13.78 -0.15 -0.20	20.86 -0.52 -1.32	9.94 -0.36 -0.30	18.98 -0.67 -1.72	16.09 -0.54 -1.61	13.29 -0.36 -1.36	22.88 -0.36 -1.92	27.77 -0.03 -2.11	34.03 0.49 -1.17	45.66 1.83 0.00	44.99 2.33 0.00	36.52 1.63 -0.30	32.05 1.13 0.00	26.18 0.76 0.00
ERIE_ST__34_KV_TB1-2 80199	32.97 -1.35 0.00	31.51 -1.39 0.00	29.35 -1.41 0.00	27.12 -1.46 0.00	27.65 -1.50 0.00	28.88 -1.63 0.00	27.03 -2.17 0.94	13.57 -2.24 11.75	11.75 -1.96 10.07	13.28 -1.64 6.16	11.69 -0.99 1.05	11.91 -1.29 6.86	7.73 -0.67 1.58	7.76 -1.27 8.90	5.58 -1.10 8.34	4.41 -0.82 7.06	9.81 -1.57 9.94	12.76 -2.00 10.93	23.83 -2.46 6.07	40.39 -3.43 0.00	39.61 -3.05 0.00	31.99 -2.38 0.21	28.73 -2.19 0.00	23.61 -1.81 0.00
ERIE_WT_PWR 323693	32.67 -1.65 0.00	31.24 -1.66 0.00	29.08 -1.67 0.00	26.87 -1.70 0.00	27.42 -1.74 0.00	28.63 -1.88 0.00	26.75 -2.46 0.94	12.06 -2.60 12.89	10.21 -2.28 11.30	12.26 -1.91 6.91	11.38 -1.17 1.18	10.81 -1.57 7.69	7.41 -0.80 1.77	6.44 -1.52 9.97	4.36 -1.31 9.35	3.39 -0.98 7.91	8.32 -1.86 11.14	11.11 -2.32 12.25	22.70 -2.86 6.81	39.85 -3.97 0.00	39.12 -3.55 0.00	31.58 -2.80 0.20	28.42 -2.50 0.00	23.36 -2.06 0.00
ESPRGFLD_115KV_TB1 80157	35.49 1.16 0.00	33.97 1.07 0.00	31.67 0.91 0.00	29.34 0.77 0.00	29.87 0.72 0.00	31.22 0.71 0.00	30.87 0.73 0.00	28.11 0.55 0.00	24.29 0.50 0.00	21.42 0.34 0.00	13.90 0.17 0.00	20.23 0.17 0.00	10.10 0.12 0.00	18.21 0.27 0.00	15.24 0.23 0.00	12.50 0.21 0.00	21.74 0.42 0.00	26.21 0.52 0.00	33.30 0.94 0.00	45.58 1.76 0.00	44.55 1.89 0.00	36.15 1.57 0.00	32.26 1.33 0.00	26.39 0.97 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	34.42 0.09 0.00	32.90 0.01 0.00	30.72 -0.03 0.00	28.50 -0.08 0.00	29.08 -0.07 0.00	30.47 -0.04 0.00	33.46 -0.10 -3.42	38.85 -0.14 -11.43	26.77 -0.22 -3.20	22.67 -0.35 -1.95	13.75 -0.31 -0.33	21.76 -0.47 -2.17	10.25 -0.24 -0.50	20.32 -0.43 -2.81	17.29 -0.36 -2.64	14.26 -0.26 -2.23	24.04 -0.42 -3.14	28.77 -0.38 -3.46	34.05 -0.24 -1.92	43.87 0.04 0.00	42.94 0.27 0.00	35.51 0.17 -0.75	31.01 0.08 0.00	25.45 0.03 0.00
ETNA____115KV_TB2 80207	34.42 0.09 0.00	32.90 0.01 0.00	30.72 -0.03 0.00	28.50 -0.08 0.00	29.08 -0.07 0.00	30.47 -0.04 0.00	33.46 -0.10 -3.42	38.85 -0.14 -11.43	26.77 -0.22 -3.20	22.67 -0.35 -1.95	13.75 -0.31 -0.33	21.76 -0.47 -2.17	10.25 -0.24 -0.50	20.32 -0.43 -2.81	17.29 -0.36 -2.64	14.26 -0.26 -2.23	24.04 -0.42 -3.14	28.77 -0.38 -3.46	34.05 -0.24 -1.92	43.87 0.04 0.00	42.94 0.27 0.00	35.51 0.17 -0.75	31.01 0.08 0.00	25.45 0.03 0.00
EUCLID__115KV_TB2 356179	33.53 -0.79 0.00	32.10 -0.80 0.00	29.98 -0.77 0.00	27.85 -0.73 0.00	28.41 -0.73 0.00	29.75 -0.76 0.00	29.32 -0.83 0.00	26.76 -0.79 0.00	23.09 -0.69 0.00	20.43 -0.65 0.00	13.30 -0.43 0.00	19.45 -0.61 0.00	9.69 -0.30 0.00	17.39 -0.54 0.00	14.56 -0.45 0.00	11.93 -0.35 0.00	20.68 -0.64 0.00	24.92 -0.76 0.00	31.42 -0.94 0.00	42.61 -1.22 0.00	41.57 -1.10 0.00	33.68 -0.90 0.00	30.11 -0.81 0.00	24.75 -0.67 0.00
E_CANADA_CAP_HY 24051	35.74 1.42 0.00	34.25 1.35 0.00	31.92 1.17 0.00	29.58 1.01 0.00	30.09 0.94 0.00	31.43 0.92 0.00	31.09 0.94 0.00	28.27 0.72 0.00	24.43 0.64 0.00	21.54 0.47 0.00	13.98 0.25 0.00	20.27 0.21 0.00	10.07 0.09 0.00	18.20 0.26 0.00	15.22 0.21 0.00	12.47 0.18 0.00	21.73 0.41 0.00	26.19 0.50 0.00	33.46 1.09 0.00	46.06 2.23 0.00	45.08 2.41 0.00	36.60 2.02 0.00	32.69 1.77 0.00	26.73 1.31 0.00
E_CANADA_MHWK_HY 24050	33.88 -0.45 0.00	32.35 -0.54 0.00	30.28 -0.48 0.00	28.22 -0.35 0.00	28.84 -0.32 0.00	30.26 -0.24 0.00	29.92 -0.22 0.00	27.48 -0.08 0.00	23.78 -0.01 0.00	21.06 -0.02 0.00	13.68 -0.05 0.00	19.81 -0.25 0.00	9.66 -0.33 0.00	17.19 -0.74 0.00	14.25 -0.77 0.00	11.63 -0.66 0.00	20.29 -1.03 0.00	24.80 -0.88 0.00	31.54 -0.83 0.00	43.11 -0.72 0.00	42.19 -0.47 0.00	34.22 -0.36 0.00	30.66 -0.26 0.00	25.14 -0.28 0.00
E_FISHKILL__LBMP 23776	35.63 1.31 0.00	34.16 1.26 0.00	31.92 1.16 0.00	29.72 1.14 0.00	30.37 1.22 0.00	31.85 1.34 0.00	31.48 1.34 0.00	28.86 1.30 0.00	24.90 1.12 0.00	22.11 1.03 0.00	14.40 0.67 0.00	21.04 0.98 0.00	10.51 0.53 0.00	18.89 0.96 0.00	15.84 0.83 0.00	13.02 0.74 0.00	22.64 1.32 0.00	27.31 1.63 0.00	34.25 1.88 0.00	46.04 2.21 0.00	44.81 2.14 0.00	36.31 1.72 0.00	32.55 1.63 0.00	26.78 1.36 0.00
FALCON__SEABRD_CC1 323796	35.23 0.91 0.00	33.86 0.96 0.00	31.73 0.97 0.00	29.43 0.85 0.00	29.96 0.81 0.00	31.25 0.74 0.00	30.83 0.69 0.00	28.13 0.58 0.00	24.18 0.40 0.00	21.39 0.31 0.00	13.96 0.23 0.00	20.44 0.39 0.00	10.13 0.15 0.00	18.25 0.31 0.00	15.25 0.24 0.00	12.42 0.14 0.00	21.54 0.22 0.00	25.92 0.23 0.00	32.62 0.26 0.00	44.37 0.54 0.00	42.95 0.28 0.00	34.65 0.06 0.00	30.94 0.02 0.00	25.41 -0.02 0.00
FALCON__SEABRD_CC2 323797	35.23 0.91 0.00	33.86 0.96 0.00	31.73 0.97 0.00	29.43 0.85 0.00	29.96 0.81 0.00	31.25 0.74 0.00	30.83 0.69 0.00	28.13 0.58 0.00	24.18 0.40 0.00	21.39 0.31 0.00	13.96 0.23 0.00	20.44 0.39 0.00	10.13 0.15 0.00	18.25 0.31 0.00	15.25 0.24 0.00	12.42 0.14 0.00	21.54 0.22 0.00	25.92 0.23 0.00	32.62 0.26 0.00	44.37 0.54 0.00	42.95 0.28 0.00	34.65 0.06 0.00	30.94 0.02 0.00	25.41 -0.02 0.00

FAR ROCKAWAY___4 23548	99.54 2.36 -62.85	101.50 2.46 -66.15	90.34 2.25 -57.33	89.91 2.10 -59.24	83.05 2.16 -51.74	99.40 2.29 -66.60	96.01 2.23 -63.64	72.80 2.04 -43.20	63.59 1.78 -38.01	80.99 1.69 -58.22	51.45 1.10 -36.62	42.29 1.58 -20.65	49.26 0.83 -38.44	49.93 1.51 -30.49	41.47 1.28 -25.18	58.49 1.17 -45.03	83.07 2.03 -59.71	105.21 2.46 -77.06	137.55 2.75 -102.43	114.26 3.16 -67.27	142.47 3.36 -96.44	141.62 2.61 -104.43	112.52 2.47 -79.12	114.06 2.08 -86.56
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	36.13 1.81 0.00	34.63 1.73 0.00	32.33 1.58 0.00	30.08 1.51 0.00	30.72 1.57 0.00	32.20 1.69 0.00	31.84 1.70 0.00	29.21 1.66 0.00	25.22 1.43 0.00	22.41 1.33 0.00	14.59 0.86 0.00	21.31 1.25 0.00	10.67 0.68 0.00	19.15 1.22 0.00	16.07 1.06 0.00	13.24 0.95 0.00	23.01 1.69 0.00	27.73 2.05 0.00	34.73 2.37 0.00	46.57 2.74 0.00	45.32 2.65 0.00	36.73 2.15 0.00	32.93 2.01 0.00	27.14 1.71 -0.01
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	36.14 1.81 0.00	34.64 1.74 0.00	32.34 1.59 0.00	30.08 1.51 0.00	30.73 1.58 0.00	32.21 1.70 0.00	31.84 1.70 0.00	29.21 1.66 0.00	25.23 1.44 0.00	22.41 1.34 0.00	14.59 0.86 0.00	21.31 1.25 0.00	10.67 0.68 0.00	19.16 1.22 0.00	16.07 1.06 0.00	13.24 0.96 0.00	23.02 1.70 0.00	27.74 2.05 0.00	34.74 2.37 0.00	46.57 2.75 0.00	45.33 2.67 0.00	36.74 2.16 0.00	32.95 2.03 0.00	27.14 1.71 -0.01
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	36.12 1.79 0.00	34.62 1.72 0.00	32.32 1.57 0.00	30.07 1.49 0.00	30.72 1.56 0.00	32.18 1.68 0.00	31.83 1.69 0.00	29.19 1.63 0.00	25.21 1.42 0.00	22.40 1.32 0.00	14.58 0.85 0.00	21.30 1.24 0.00	10.66 0.68 0.00	19.15 1.22 0.00	16.07 1.06 0.00	13.24 0.95 0.00	23.00 1.68 0.00	27.72 2.03 0.00	34.71 2.35 0.00	46.54 2.72 0.00	45.30 2.64 0.00	36.71 2.13 0.00	32.93 2.00 0.00	27.13 1.70 -0.01
FARRAGUT___LBMP 323566	36.09 1.77 0.00	34.59 1.70 0.00	32.30 1.54 0.00	30.05 1.47 0.00	30.69 1.54 0.00	32.16 1.65 0.00	31.81 1.67 0.00	29.18 1.62 0.00	25.19 1.41 0.00	22.38 1.30 0.00	14.57 0.84 0.00	21.29 1.23 0.00	10.65 0.67 0.00	19.13 1.20 0.00	16.06 1.04 0.00	13.23 0.94 0.00	22.98 1.66 0.00	27.69 2.01 0.00	34.68 2.32 0.00	46.51 2.69 0.00	45.27 2.60 0.00	36.68 2.10 0.00	32.90 1.97 0.00	27.11 1.68 -0.01
FENNER___WINDPWR 24204	34.47 0.15 0.00	33.00 0.10 0.00	30.79 0.04 0.00	28.59 0.01 0.00	29.22 0.07 0.00	30.59 0.08 0.00	30.89 0.09 -0.66	29.27 0.09 -1.62	23.81 0.03 0.00	20.98 -0.10 0.00	13.59 -0.14 0.00	19.82 -0.24 0.00	9.85 -0.14 0.00	17.66 -0.27 0.00	14.77 -0.24 0.00	12.13 -0.15 0.00	21.09 -0.23 0.00	25.47 -0.22 0.00	32.29 -0.08 0.00	43.95 0.12 0.00	42.89 0.22 0.00	34.87 0.14 -0.14	31.07 0.15 0.00	25.52 0.10 0.00
FIBERTEK___ENERGY 23856	33.81 -0.52 0.00	32.35 -0.54 0.00	30.22 -0.53 0.00	28.06 -0.52 0.00	28.62 -0.53 0.00	29.97 -0.54 0.00	29.54 -0.61 0.00	26.96 -0.59 0.00	23.25 -0.54 0.00	20.55 -0.53 0.00	13.36 -0.37 0.00	19.54 -0.52 0.00	9.73 -0.25 0.00	17.48 -0.46 0.00	14.64 -0.38 0.00	11.99 -0.30 0.00	20.81 -0.51 0.00	25.11 -0.58 0.00	31.66 -0.70 0.00	42.97 -0.86 0.00	41.94 -0.73 0.00	33.97 -0.62 0.00	30.36 -0.56 0.00	24.94 -0.48 0.00
FITZPATRICK___ 23598	33.12 -1.20 0.00	31.72 -1.17 0.00	29.64 -1.11 0.00	27.54 -1.04 0.00	28.09 -1.06 0.00	29.40 -1.10 0.00	28.99 -1.15 0.00	26.48 -1.08 0.00	22.87 -0.91 0.00	20.25 -0.83 0.00	13.18 -0.54 0.00	19.27 -0.79 0.00	9.59 -0.39 0.00	17.23 -0.71 0.00	14.42 -0.59 0.00	11.81 -0.47 0.00	20.47 -0.85 0.00	24.65 -1.04 0.00	31.03 -1.33 0.00	42.06 -1.77 0.00	41.01 -1.65 0.00	33.24 -1.34 0.00	29.72 -1.21 0.00	24.45 -0.97 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	36.03 1.71 0.00	34.52 1.62 0.00	32.24 1.48 0.00	30.01 1.43 0.00	30.66 1.51 0.00	32.14 1.64 0.00	31.80 1.65 0.00	29.13 1.58 0.00	25.15 1.36 0.00	22.32 1.25 0.00	14.52 0.79 0.00	21.21 1.16 0.00	10.59 0.60 0.00	19.03 1.10 0.00	15.95 0.94 0.00	13.11 0.83 0.00	22.83 1.51 0.00	27.58 1.90 0.00	34.65 2.28 0.00	46.60 2.77 0.00	45.37 2.71 0.00	36.74 2.16 0.00	32.91 1.98 0.00	27.05 1.63 0.00
FORT ORANGE___ 23900	34.68 0.35 0.00	33.22 0.33 0.00	31.16 0.40 0.00	29.04 0.47 0.00	29.64 0.49 0.00	31.09 0.58 0.00	30.76 0.62 0.00	28.23 0.67 0.00	24.37 0.59 0.00	21.62 0.55 0.00	14.08 0.35 0.00	20.54 0.48 0.00	10.22 0.24 0.00	18.36 0.43 0.00	15.39 0.38 0.00	12.56 0.28 0.00	21.83 0.51 0.00	26.38 0.69 0.00	33.19 0.83 0.00	44.85 1.02 0.00	43.67 1.00 0.00	35.42 0.84 0.00	31.79 0.86 0.00	26.15 0.72 0.00
FORT_DRUM_COGEN 23780	34.01 -0.32 0.00	32.62 -0.28 0.00	30.45 -0.31 0.00	28.15 -0.43 0.00	28.64 -0.51 0.00	29.78 -0.73 0.00	29.73 -0.42 0.00	27.15 -0.40 0.00	22.98 -0.81 0.00	19.98 -1.10 0.00	12.90 -0.83 0.00	18.68 -1.38 0.00	9.25 -0.74 0.00	16.50 -1.43 0.00	13.69 -1.32 0.00	11.27 -1.01 0.00	19.60 -1.72 0.00	23.51 -2.18 0.00	30.00 -2.36 0.00	41.54 -2.29 0.00	40.63 -2.03 0.00	33.09 -1.50 0.00	30.37 -0.55 0.00	24.89 -0.53 0.00
FOX_HILLS___ESR 323835	36.35 2.02 0.00	34.83 1.94 0.00	32.52 1.76 0.00	30.22 1.65 0.00	30.87 1.72 0.00	32.35 1.84 0.00	32.01 1.87 0.00	29.37 1.82 0.00	25.36 1.57 0.00	22.48 1.40 0.00	14.58 0.85 0.00	21.30 1.25 0.00	10.66 0.68 0.00	19.14 1.21 0.00	16.07 1.06 0.00	13.24 0.95 0.00	22.99 1.67 0.00	27.68 1.99 0.00	39.58 2.31 -4.90	46.77 2.95 0.00	45.57 2.90 0.00	36.93 2.34 0.00	33.11 2.19 0.00	27.28 1.85 -0.01
FPL_FAR_ROCK_GT1 24212	99.51 2.33 -62.85	101.49 2.45 -66.15	90.34 2.24 -57.33	89.90 2.09 -59.24	83.05 2.16 -51.74	99.39 2.28 -66.60	96.01 2.23 -63.64	72.79 2.04 -43.20	63.58 1.78 -38.01	80.98 1.68 -58.22	51.44 1.10 -36.62	42.28 1.58 -20.65	49.25 0.83 -38.44	49.92 1.50 -30.49	41.46 1.27 -25.18	58.48 1.16 -45.03	83.06 2.03 -59.71	105.16 2.41 -77.06	137.55 2.75 -102.43	114.26 3.16 -67.27	142.47 3.36 -96.44	141.62 2.61 -104.43	112.52 2.47 -79.12	114.06 2.08 -86.56
FPL_FAR_ROCK_GT2 23815	99.51 2.33 -62.85	101.49 2.45 -66.15	90.34 2.24 -57.33	89.90 2.09 -59.24	83.05 2.16 -51.74	99.39 2.28 -66.60	96.01 2.23 -63.64	72.79 2.04 -43.20	63.58 1.78 -38.01	80.98 1.68 -58.22	51.44 1.10 -36.62	42.28 1.58 -20.65	49.25 0.83 -38.44	49.92 1.50 -30.49	41.46 1.27 -25.18	58.48 1.16 -45.03	83.06 2.03 -59.71	105.16 2.41 -77.06	137.55 2.75 -102.43	114.26 3.16 -67.27	142.47 3.36 -96.44	141.62 2.61 -104.43	112.52 2.47 -79.12	114.06 2.08 -86.56
FRANKLIN_FALL_HYD 24054	34.96 0.63 0.00	33.56 0.66 0.00	31.36 0.60 0.00	29.06 0.48 0.00	29.59 0.44 0.00	30.85 0.34 0.00	30.54 0.40 0.00	27.86 0.30 0.00	24.00 0.22 0.00	21.25 0.17 0.00	13.85 0.13 0.00	20.21 0.15 0.00	10.03 0.05 0.00	17.98 0.05 0.00	15.02 0.01 0.00	12.25 -0.04 0.00	21.23 -0.09 0.00	25.48 -0.20 0.00	32.23 -0.13 0.00	43.92 0.09 0.00	42.58 -0.09 0.00	34.40 -0.18 0.00	30.76 -0.16 0.00	25.24 -0.18 0.00



FREEPORT__EQUUS_GT1 23764	57.49 2.22 -20.95	62.60 2.27 -27.44	51.08 2.06 -18.26	48.72 1.90 -18.24	47.06 1.97 -15.93	52.81 2.08 -20.23	49.74 2.00 -17.59	41.91 1.88 -12.47	36.40 1.64 -10.98	39.43 1.54 -16.81	26.10 1.02 -11.35	28.23 1.45 -6.72	23.02 0.76 -12.27	28.71 1.38 -9.39	24.69 1.18 -8.51	31.36 1.09 -17.98	46.59 1.90 -23.38	56.43 2.23 -28.51	70.18 2.61 -35.21	66.65 2.97 -19.86	78.02 2.96 -32.39	70.89 2.57 -33.73	62.29 2.44 -28.93	61.95 2.06 -34.47
FREEPORT__CT2 23818	57.49 2.22 -20.95	62.60 2.27 -27.44	51.08 2.06 -18.26	48.72 1.90 -18.24	47.06 1.97 -15.93	52.81 2.08 -20.23	49.74 2.00 -17.59	41.91 1.88 -12.47	36.40 1.64 -10.98	39.43 1.54 -16.81	26.10 1.02 -11.35	28.23 1.45 -6.72	23.02 0.76 -12.27	28.71 1.38 -9.39	24.69 1.18 -8.51	31.36 1.09 -17.98	46.59 1.90 -23.38	56.43 2.23 -28.51	70.18 2.61 -35.21	66.65 2.97 -19.86	78.02 2.96 -32.39	70.89 2.57 -33.73	62.29 2.44 -28.93	61.95 2.06 -34.47
FRESHKLS_33_KV_LOAD 356253	36.48 2.16 0.00	34.95 2.05 0.00	32.63 1.87 0.00	30.33 1.75 0.00	30.98 1.83 0.00	32.47 1.96 0.00	32.13 1.99 0.00	29.46 1.90 0.00	25.42 1.63 0.00	22.51 1.43 0.00	14.56 0.83 0.00	21.27 1.21 0.00	10.64 0.66 0.00	19.11 1.18 0.00	16.04 1.03 0.00	13.22 0.93 0.00	22.95 1.63 0.00	27.62 1.93 0.00	39.53 2.27 -4.90	46.85 3.02 0.00	45.68 3.01 0.00	37.03 2.44 0.00	33.18 2.25 0.00	27.35 1.92 -0.01
FULTON COGEN____ 23766	33.33 -1.00 0.00	31.90 -0.99 0.00	29.81 -0.94 0.00	27.69 -0.88 0.00	28.25 -0.90 0.00	29.58 -0.93 0.00	29.16 -0.99 0.00	26.62 -0.93 0.00	22.94 -0.84 0.00	20.29 -0.79 0.00	13.20 -0.52 0.00	19.30 -0.76 0.00	9.60 -0.38 0.00	17.25 -0.69 0.00	14.43 -0.58 0.00	11.83 -0.46 0.00	20.52 -0.80 0.00	24.72 -0.97 0.00	31.20 -1.16 0.00	42.34 -1.49 0.00	41.31 -1.36 0.00	33.48 -1.11 0.00	29.93 -0.99 0.00	24.61 -0.81 0.00
FULTON__LFGE 323630	35.85 1.52 0.00	34.36 1.46 0.00	32.06 1.30 0.00	29.75 1.17 0.00	30.30 1.15 0.00	31.72 1.21 0.00	31.37 1.22 0.00	28.59 1.03 0.00	24.73 0.94 0.00	21.80 0.72 0.00	14.12 0.39 0.00	20.43 0.37 0.00	9.99 0.00 0.00	18.02 0.09 0.00	15.04 0.03 0.00	12.29 0.00 0.00	21.41 0.09 0.00	25.91 0.23 0.00	33.32 0.95 0.00	46.09 2.26 0.00	45.16 2.50 0.00	36.65 2.07 0.00	32.74 1.81 0.00	26.80 1.38 0.00
G.F.CEMENT__DRP 24184	35.58 1.26 0.00	34.05 1.15 0.00	31.96 1.20 0.00	29.75 1.17 0.00	30.40 1.25 0.00	31.91 1.40 0.00	31.62 1.47 0.00	29.10 1.54 0.00	25.19 1.41 0.00	22.27 1.19 0.00	14.49 0.76 0.00	21.15 1.10 0.00	10.41 0.43 0.00	18.79 0.86 0.00	15.72 0.71 0.00	12.83 0.54 0.00	22.27 0.95 0.00	26.95 1.27 0.00	34.02 1.65 0.00	46.15 2.33 0.00	44.95 2.28 0.00	36.46 1.88 0.00	32.58 1.66 0.00	26.71 1.29 0.00
GARDENVILLE__LBMP 24039	32.58 -1.75 0.00	31.15 -1.75 0.00	29.00 -1.76 0.00	26.80 -1.78 0.00	27.34 -1.81 0.00	28.55 -1.96 0.00	26.68 -2.52 0.94	10.39 -2.65 14.52	8.45 -2.32 13.02	11.17 -1.96 7.95	11.19 -1.18 1.36	9.62 -1.59 8.85	7.13 -0.81 2.04	4.90 -1.55 11.49	2.92 -1.32 10.76	2.17 -1.01 9.11	6.59 -1.91 12.82	9.18 -2.39 14.12	21.59 -2.93 7.84	39.80 -4.03 0.00	39.05 -3.61 0.00	31.52 -2.86 0.21	28.34 -2.58 0.00	23.31 -2.11 0.00
GARDNVLA_35_KV_LD 355827	32.71 -1.62 0.00	31.27 -1.63 0.00	29.11 -1.65 0.00	26.91 -																				

GILBOA____ 23599	34.84 0.52 0.00	33.39 0.49 0.00	31.25 0.50 0.00	29.09 0.51 0.00	29.70 0.55 0.00	31.12 0.61 0.00	30.76 0.62 0.00	28.18 0.62 0.00	24.33 0.54 0.00	21.58 0.50 0.00	14.06 0.33 0.00	20.59 0.53 0.00	10.27 0.29 0.00	18.51 0.58 0.00	15.51 0.50 0.00	12.63 0.34 0.00	21.93 0.61 0.00	26.46 0.77 0.00	33.26 0.89 0.00	44.86 1.03 0.00	43.65 0.98 0.00	35.43 0.85 0.00	31.74 0.82 0.00	26.11 0.69 0.00
GINNA____ 23603	31.72 -2.61 0.00	30.37 -2.53 0.00	28.33 -2.43 0.00	26.26 -2.32 0.00	26.78 -2.37 0.00	28.02 -2.49 0.00	26.91 -2.75 0.48	23.57 -2.80 1.19	21.31 -2.48 0.00	18.92 -2.16 0.00	12.36 -1.37 0.00	18.10 -1.96 0.00	9.01 -0.98 0.00	16.11 -1.82 0.00	13.48 -1.53 0.00	11.07 -1.21 0.00	19.17 -2.15 0.00	23.08 -2.61 0.00	29.28 -3.09 0.00	39.80 -4.03 0.00	38.90 -3.77 0.00	31.41 -3.07 0.11	28.12 -2.81 0.00	23.08 -2.34 0.00
GLEN PARK____ 23778	34.05 -0.27 0.00	32.64 -0.26 0.00	30.46 -0.29 0.00	28.18 -0.40 0.00	28.67 -0.48 0.00	29.83 -0.68 0.00	29.77 -0.37 0.00	27.17 -0.39 0.00	22.91 -0.88 0.00	19.91 -1.17 0.00	12.86 -0.87 0.00	18.63 -1.44 0.00	9.22 -0.76 0.00	16.45 -1.48 0.00	13.65 -1.36 0.00	11.24 -1.04 0.00	19.54 -1.78 0.00	23.43 -2.26 0.00	29.92 -2.45 0.00	41.57 -2.26 0.00	40.76 -1.91 0.00	33.19 -1.39 0.00	30.43 -0.50 0.00	24.93 -0.50 0.00
GLENDALE_27_KV_LOAD 356172	36.27 1.94 0.00	34.77 1.87 0.00	32.47 1.72 0.00	30.19 1.61 0.00	30.83 1.68 0.00	32.30 1.80 0.00	31.97 1.82 0.00	29.34 1.78 0.00	25.34 1.56 0.00	22.52 1.45 0.00	14.66 0.93 0.00	21.42 1.36 0.00	10.72 0.73 0.00	19.25 1.32 0.00	16.15 1.14 0.00	13.30 1.02 0.00	23.12 1.80 0.00	27.84 2.15 0.00	34.86 2.50 0.00	46.82 3.00 0.00	45.58 2.91 0.00	36.93 2.35 0.00	33.11 2.19 0.00	27.27 1.85 -0.01
GLENWOOD_IC_1_G5 23712	49.89 2.04 -13.53	57.98 2.02 -23.06	42.99 1.85 -10.39	39.96 1.72 -9.66	39.37 1.79 -8.43	43.11 1.91 -10.70	41.22 1.87 -9.21	35.75 1.76 -6.44	30.98 1.53 -5.67	31.20 1.43 -8.68	20.57 0.94 -5.90	24.92 1.36 -3.50	17.10 0.72 -6.39	24.12 1.31 -4.88	21.00 1.12 -4.87	27.59 1.02 -14.28	42.14 1.80 -19.02	49.31 2.17 -21.45	59.57 2.49 -24.71	57.46 2.86 -10.77	67.49 2.88 -21.94	58.39 2.36 -21.44	55.21 2.22 -22.07	56.05 1.86 -28.77
GLENWOOD_IC_2_G1 23688	36.35 1.84 -0.18	35.34 1.82 -0.62	32.47 1.66 -0.05	30.14 1.56 0.00	30.78 1.63 0.00	32.25 1.74 0.00	31.85 1.71 0.00	29.18 1.62 0.00	25.19 1.41 0.00	22.39 1.32 0.00	14.59 0.86 0.00	21.31 1.25 0.00	10.65 0.67 0.00	19.14 1.21 0.00	16.08 1.04 -0.03	13.58 0.94 -0.35	23.48 1.66 -0.49	28.16 1.99 -0.48	35.14 2.31 -0.47	46.52 2.66 -0.04	45.70 2.66 -0.37	37.04 2.16 -0.29	33.47 2.04 -0.51	27.91 1.71 -0.78
GLENWOOD_IC_3_G1 23689	36.35 1.84 -0.18	35.34 1.82 -0.62	32.47 1.66 -0.05	30.14 1.56 0.00	30.78 1.63 0.00	32.25 1.74 0.00	31.85 1.71 0.00	29.18 1.62 0.00	25.19 1.41 0.00	22.39 1.32 0.00	14.59 0.86 0.00	21.31 1.25 0.00	10.65 0.67 0.00	19.14 1.21 0.00	16.08 1.04 -0.03	13.58 0.94 -0.35	23.48 1.66 -0.49	28.16 1.99 -0.48	35.14 2.31 -0.47	46.52 2.66 -0.04	45.70 2.66 -0.37	37.04 2.16 -0.29	33.47 2.04 -0.51	27.91 1.71 -0.78
GLENWOOD____4 23550	49.89 2.04 -13.53	57.98 2.02 -23.06	42.99 1.85 -10.39	39.96 1.72 -9.66	39.37 1.79 -8.43	43.11 1.91 -10.70	41.22 1.87 -9.21	35.75 1.76 -6.44	30.98 1.53 -5.67	31.20 1.43 -8.68	20.57 0.94 -5.90	24.92 1.36 -3.50	17.10 0.72 -6.39	24.12 1.31 -4.88	21.00 1.12 -4.87	27.59 1.02 -14.28	42.14 1.80 -19.02	49.31 2.17 -21.45	59.57 2.49 -24.71	57.46 2.86 -10.77	67.49 2.88 -21.94	58.39 2.36 -21.44	55.21 2.22 -22.07	56.05 1.86 -28.77
GLENWOOD____5 23614	49.89 2.04 -13.53	57.98 2.02 -23.06	42.99 1.85 -10.39	39.96 1.72 -9.66	39.37 1.79 -8.43	43.11 1.91 -10.70	41.22 1.87 -9.21	35.75 1.76 -6.44	30.98 1.53 -5.67	31.20 1.43 -8.68	20.57 0.94 -5.90	24.92 1.36 -3.50	17.10 0.72 -6.39	24.12 1.31 -4.88	21.00 1.12 -4.87	27.59 1.02 -14.28	42.14 1.80 -19.02	49.31 2.17 -21.45	59.57 2.49 -24.71	57.46 2.86 -10.77	67.49 2.88 -21.94	58.39 2.36 -21.44	55.21 2.22 -22.07	56.05 1.86 -28.77
GLOBAL GREEN_PORT_GT1 23814	112.83 3.53 -74.97	40.98 3.80 -4.28	30.49 3.39 3.66	26.66 2.69 4.61	27.67 2.54 4.02	27.62 2.26 5.15	27.67 2.25 4.73	26.20 1.99 3.35	22.50 1.66 2.94	18.05 1.49 4.51	11.78 0.99 2.93	19.69 1.32 1.70	7.56 0.70 3.13	16.73 1.24 2.44	14.54 1.12 1.59	15.32 1.24 -1.79	26.49 2.30 -2.88	29.45 2.53 -1.24	34.37 2.88 0.87	43.05 3.89 4.66	54.66 4.73 -7.26	56.10 3.98 -17.54	38.09 3.73 -3.44	33.66 3.07 -5.17
GLOBE____DSASP 323697	31.57 -2.76 0.00	30.23 -2.67 0.00	28.16 -2.60 0.00	26.05 -2.53 0.00	26.54 -2.61 0.00	27.72 -2.79 0.00	25.93 -3.41 0.80	13.91 -3.48 10.16	12.02 -3.03 8.73	13.19 -2.56 5.33	11.26 -1.55 0.91	12.05 -2.08 5.93	7.57 -1.04 1.37	8.24 -2.00 7.70	6.10 -1.70 7.21	4.86 -1.32 6.10	10.25 -2.47 8.60	13.07 -3.16 9.46	23.17 -3.94 5.25	38.31 -5.52 0.00	37.59 -5.08 0.00	30.44 -3.97 0.18	27.31 -3.62 0.00	22.44 -2.98 0.00
GOETHSLN____LBMP 323567	35.89 1.56 0.00	34.40 1.50 0.00	32.11 1.35 0.00	29.87 1.30 0.00	30.53 1.38 0.00	32.00 1.49 0.00	31.64 1.50 0.00	29.02 1.47 0.00	25.06 1.27 0.00	22.26 1.18 0.00	14.50 0.77 0.00	21.18 1.12 0.00	10.61 0.62 0.00	19.04 1.11 0.00	15.98 0.97 0.00	13.16 0.88 0.00	22.89 1.57 0.00	27.60 1.91 0.00	33.79 2.21 0.77	46.31 2.48 0.00	45.08 2.41 0.00	36.52 1.94 0.00	32.74 1.82 0.00	26.96 1.54 -0.01
GOLAH____69_KV_TB 1_2 80279	33.16 -1.16 0.00	31.74 -1.15 0.00	29.58 -1.17 0.00	27.40 -1.17 0.00	27.94 -1.21 0.00	29.22 -1.29 0.00	27.91 -1.69 0.55	22.88 -1.89 2.78	20.53 -1.74 1.52	18.65 -1.50 0.93	12.65 -0.92 0.16	17.75 -1.28 1.03	9.10 -0.65 0.24	15.36 -1.24 1.34	12.71 -1.05 1.26	10.41 -0.81 1.06	18.33 -1.49 1.50	22.17 -1.87 1.65	29.31 -2.14 0.91	41.14 -2.68 0.00	40.36 -2.31 0.00	32.64 -1.82 0.12	29.20 -1.72 0.00	23.99 -1.43 0.00
GOODYEAR_LAKE_HYD 323669	35.17 0.85 0.00	33.66 0.76 0.00	31.43 0.68 0.00	29.17 0.60 0.00	29.76 0.61 0.00	31.15 0.65 0.00	30.80 0.65 0.00	28.14 0.58 0.00	24.31 0.53 0.00	21.48 0.40 0.00	13.94 0.22 0.00	20.35 0.29 0.00	10.15 0.16 0.00	18.26 0.32 0.00	15.29 0.28 0.00	12.52 0.24 0.00	21.77 0.45 0.00	26.31 0.62 0.00	33.26 0.89 0.00	45.18 1.35 0.00	44.09 1.43 0.00	35.74 1.16 0.00	31.92 0.99 0.00	26.17 0.75 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	34.12 -0.20 0.00	32.61 -0.29 0.00	30.47 -0.28 0.00	28.24 -0.33 0.00	28.83 -0.32 0.00	30.18 -0.33 0.00	29.23 -0.43 0.49	25.97 -0.39 1.20	23.44 -0.35 0.00	20.74 -0.33 0.00	13.50 -0.23 0.00	19.77 -0.29 0.00	9.85 -0.14 0.00	17.70 -0.23 0.00	14.81 -0.20 0.00	12.17 -0.12 0.00	21.08 -0.24 0.00	25.43 -0.25 0.00	32.06 -0.31 0.00	43.41 -0.42 0.00	42.35 -0.32 0.00	34.16 -0.31 0.11	30.65 -0.27 0.00	25.21 -0.22 0.00

GOUDEY___7 23579	34.12 -0.20 0.00	32.61 -0.29 0.00	30.47 -0.28 0.00	28.24 -0.33 0.00	28.83 -0.32 0.00	30.18 -0.33 0.00	29.23 -0.43 0.49	25.97 -0.39 1.20	23.44 -0.35 0.00	20.74 -0.33 0.00	13.50 -0.23 0.00	19.77 -0.29 0.00	9.85 -0.14 0.00	17.70 -0.23 0.00	14.81 -0.20 0.00	12.17 -0.12 0.00	21.08 -0.24 0.00	25.43 -0.25 0.00	32.06 -0.31 0.00	43.41 -0.42 0.00	42.35 -0.32 0.00	34.16 -0.31 0.11	30.65 -0.27 0.00	25.21 -0.22 0.00
GOUDEY___8 23580	34.12 -0.20 0.00	32.61 -0.29 0.00	30.47 -0.28 0.00	28.24 -0.33 0.00	28.83 -0.32 0.00	30.18 -0.33 0.00	29.23 -0.43 0.49	25.97 -0.39 1.20	23.44 -0.35 0.00	20.74 -0.33 0.00	13.50 -0.23 0.00	19.77 -0.29 0.00	9.85 -0.14 0.00	17.70 -0.23 0.00	14.81 -0.20 0.00	12.17 -0.12 0.00	21.08 -0.24 0.00	25.43 -0.25 0.00	32.06 -0.31 0.00	43.41 -0.42 0.00	42.35 -0.32 0.00	34.16 -0.31 0.11	30.65 -0.27 0.00	25.21 -0.22 0.00
GOWANUS_GT1_1 24077	36.27 1.94 0.00	34.75 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.41 0.00	14.61 0.88 0.00	21.35 1.28 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.73 0.00	27.76 2.07 0.00	39.67 2.40 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
GOWANUS_GT1_2 24078	36.27 1.94 0.00	34.75 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.41 0.00	14.61 0.88 0.00	21.35 1.28 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.73 0.00	27.76 2.07 0.00	39.67 2.40 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
GOWANUS_GT1_3 24079	36.27 1.94 0.00	34.75 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.41 0.00	14.61 0.88 0.00	21.35 1.28 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.73 0.00	27.76 2.07 0.00	39.67 2.40 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
GOWANUS_GT1_4 24080	36.27 1.94 0.00	34.75 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.41 0.00	14.61 0.88 0.00	21.35 1.28 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.73 0.00	27.76 2.07 0.00	39.67 2.40 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
GOWANUS_GT1_5 24084	36.27 1.94 0.00	34.75 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.41 0.00	14.61 0.88 0.00	21.35 1.28 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.73 0.00	27.76 2.07 0.00	39.67 2.40 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
GOWANUS_GT1_6 24111	36.27 1.94 0.00	34.75 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1																

GOWANUS_GT2_6 24119	36.27 <u>1.94</u> 0.00	34.74 <u>1.85</u> 0.00	32.45 <u>1.69</u> 0.00	30.16 <u>1.59</u> 0.00	30.80 <u>1.65</u> 0.00	32.27 <u>1.77</u> 0.00	31.94 <u>1.79</u> 0.00	29.31 <u>1.75</u> 0.00	25.32 <u>1.53</u> 0.00	22.48 <u>1.40</u> 0.00	14.61 <u>0.88</u> 0.00	21.35 <u>1.29</u> 0.00	10.68 <u>0.70</u> 0.00	19.19 <u>1.25</u> 0.00	16.10 <u>1.09</u> 0.00	13.26 <u>0.98</u> 0.00	23.05 <u>1.72</u> 0.00	27.76 <u>2.07</u> 0.00	39.68 <u>2.41</u> -4.90	46.76 <u>2.94</u> 0.00	45.53 <u>2.86</u> 0.00	36.89 <u>2.31</u> 0.00	33.08 <u>2.15</u> 0.00	27.24 <u>1.81</u> -0.01
GOWANUS_GT2_7 24120	36.27 <u>1.94</u> 0.00	34.74 <u>1.85</u> 0.00	32.45 <u>1.69</u> 0.00	30.16 <u>1.59</u> 0.00	30.80 <u>1.65</u> 0.00	32.27 <u>1.77</u> 0.00	31.94 <u>1.79</u> 0.00	29.31 <u>1.75</u> 0.00	25.32 <u>1.53</u> 0.00	22.48 <u>1.40</u> 0.00	14.61 <u>0.88</u> 0.00	21.35 <u>1.29</u> 0.00	10.68 <u>0.70</u> 0.00	19.19 <u>1.25</u> 0.00	16.10 <u>1.09</u> 0.00	13.26 <u>0.98</u> 0.00	23.05 <u>1.72</u> 0.00	27.76 <u>2.07</u> 0.00	39.68 <u>2.41</u> -4.90	46.76 <u>2.94</u> 0.00	45.53 <u>2.86</u> 0.00	36.89 <u>2.31</u> 0.00	33.08 <u>2.15</u> 0.00	27.24 <u>1.81</u> -0.01
GOWANUS_GT2_8 24121	36.27 <u>1.94</u> 0.00	34.74 <u>1.85</u> 0.00	32.45 <u>1.69</u> 0.00	30.16 <u>1.59</u> 0.00	30.80 <u>1.65</u> 0.00	32.27 <u>1.77</u> 0.00	31.94 <u>1.79</u> 0.00	29.31 <u>1.75</u> 0.00	25.32 <u>1.53</u> 0.00	22.48 <u>1.40</u> 0.00	14.61 <u>0.88</u> 0.00	21.35 <u>1.29</u> 0.00	10.68 <u>0.70</u> 0.00	19.19 <u>1.25</u> 0.00	16.10 <u>1.09</u> 0.00	13.26 <u>0.98</u> 0.00	23.05 <u>1.72</u> 0.00	27.76 <u>2.07</u> 0.00	39.68 <u>2.41</u> -4.90	46.76 <u>2.94</u> 0.00	45.53 <u>2.86</u> 0.00	36.89 <u>2.31</u> 0.00	33.08 <u>2.15</u> 0.00	27.24 <u>1.81</u> -0.01
GOWANUS_GT3_1 24122	36.27 <u>1.94</u> 0.00	34.74 <u>1.85</u> 0.00	32.45 <u>1.69</u> 0.00	30.16 <u>1.59</u> 0.00	30.80 <u>1.65</u> 0.00	32.27 <u>1.77</u> 0.00	31.94 <u>1.79</u> 0.00	29.31 <u>1.75</u> 0.00	25.32 <u>1.53</u> 0.00	22.48 <u>1.40</u> 0.00	14.61 <u>0.88</u> 0.00	21.35 <u>1.29</u> 0.00	10.68 <u>0.70</u> 0.00	19.19 <u>1.25</u> 0.00	16.10 <u>1.09</u> 0.00	13.26 <u>0.98</u> 0.00	23.05 <u>1.72</u> 0.00	27.76 <u>2.07</u> 0.00	39.68 <u>2.41</u> -4.90	46.76 <u>2.94</u> 0.00	45.53 <u>2.86</u> 0.00	36.89 <u>2.31</u> 0.00	33.08 <u>2.15</u> 0.00	27.24 <u>1.81</u> -0.01
GOWANUS_GT3_2 24123	36.27 <u>1.94</u> 0.00	34.74 <u>1.85</u> 0.00	32.45 <u>1.69</u> 0.00	30.16 <u>1.59</u> 0.00	30.80 <u>1.65</u> 0.00	32.27 <u>1.77</u> 0.00	31.94 <u>1.79</u> 0.00	29.31 <u>1.75</u> 0.00	25.32 <u>1.53</u> 0.00	22.48 <u>1.40</u> 0.00	14.61 <u>0.88</u> 0.00	21.35 <u>1.29</u> 0.00	10.68 <u>0.70</u> 0.00	19.19 <u>1.25</u> 0.00	16.10 <u>1.09</u> 0.00	13.26 <u>0.98</u> 0.00	23.05 <u>1.72</u> 0.00	27.76 <u>2.07</u> 0.00	39.68 <u>2.41</u> -4.90	46.76 <u>2.94</u> 0.00	45.53 <u>2.86</u> 0.00	36.89 <u>2.31</u> 0.00	33.08 <u>2.15</u> 0.00	27.24 <u>1.81</u> -0.01
GOWANUS_GT3_3 24124	36.27 <u>1.94</u> 0.00	34.74 <u>1.85</u> 0.00	32.45 <u>1.69</u> 0.00	30.16 <u>1.59</u> 0.00	30.80 <u>1.65</u> 0.00	32.27 <u>1.77</u> 0.00	31.94 <u>1.79</u> 0.00	29.31 <u>1.75</u> 0.00	25.32 <u>1.53</u> 0.00	22.48 <u>1.40</u> 0.00	14.61 <u>0.88</u> 0.00	21.35 <u>1.29</u> 0.00	10.68 <u>0.70</u> 0.00	19.19 <u>1.25</u> 0.00	16.10 <u>1.09</u> 0.00	13.26 <u>0.98</u> 0.00	23.05 <u>1.72</u> 0.00	27.76 <u>2.07</u> 0.00	39.68 <u>2.41</u> -4.90	46.76 <u>2.94</u> 0.00	45.53 <u>2.86</u> 0.00	36.89 <u>2.31</u> 0.00	33.08 <u>2.15</u> 0.00	27.24 <u>1.81</u> -0.01
GOWANUS_GT3_4 24125	36.27 <u>1.94</u> 0.00	34.74																						

GOWANUS_GT4_5 24134	36.27 1.94 0.00	34.75 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.41 0.00	14.61 0.88 0.00	21.35 1.28 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.73 0.00	27.76 2.07 0.00	39.67 2.40 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
GOWANUS_GT4_6 24135	36.27 1.94 0.00	34.75 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.41 0.00	14.61 0.88 0.00	21.35 1.28 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.73 0.00	27.76 2.07 0.00	39.67 2.40 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
GOWANUS_GT4_7 24136	36.27 1.94 0.00	34.75 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.41 0.00	14.61 0.88 0.00	21.35 1.28 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.73 0.00	27.76 2.07 0.00	39.67 2.40 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
GOWANUS_GT4_8 24137	36.27 1.94 0.00	34.75 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.41 0.00	14.61 0.88 0.00	21.35 1.28 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.73 0.00	27.76 2.07 0.00	39.67 2.40 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
GREATVR_69_KV_BK1 356245	78.78 2.85 -41.61	41.52 2.94 -5.69	31.03 2.67 2.39	27.72 2.43 3.29	28.75 2.47 2.87	29.42 2.60 3.68	29.21 2.48 3.42	27.64 2.27 2.19	23.80 1.94 1.92	19.94 1.81 2.95	13.04 1.18 1.87	20.68 1.68 1.06	8.87 0.86 1.98	17.93 1.56 1.56	15.49 1.30 0.83	16.55 1.22 -3.05	27.94 2.16 -4.45	31.60 2.59 -3.31	37.26 3.06 -1.84	44.54 3.57 2.85	52.64 3.76 -6.21	49.39 3.07 -11.75	38.59 2.96 -4.71	35.35 2.50 -7.43
GREENBSH_115KV_TB3 55895	34.48 0.15 0.00	33.05 0.15 0.00	31.00 0.24 0.00	28.89 0.31 0.00	29.49 0.34 0.00	30.93 0.42 0.00	30.60 0.45 0.00	28.09 0.53 0.00	24.26 0.47 0.00	21.52 0.44 0.00	14.02 0.29 0.00	20.47 0.41 0.00	10.19 0.21 0.00	18.33 0.40 0.00	15.36 0.35 0.00	12.54 0.26 0.00	21.80 0.48 0.00	26.32 0.64 0.00	33.08 0.72 0.00	44.62 0.79 0.00	43.41 0.75 0.00	35.22 0.63 0.00	31.61 0.68 0.00	26.01 0.59 0.00
GREENDGE_115KV_TB5 80291	33.63 -0.70 0.00	32.08 -0.82 0.00	29.90 -0.86 0.00	27.67 -0.91 0.00	28.24 -0.91 0.00	29.58 -0.93 0.00	26.39 -1.09 2.66	34.38 -1.14 -7.96	38.18 -1.12 -15.51	29.45 -1.09 -9.47	14.59 -0.76 -1.62	29.50 -1.10 -10.54	11.87 -0.54 -2.43	30.63 -0.97 -13.67	27.00 -0.82 -12.82	22.51 -0.63 -10.85	35.48 -1.12 -15.27	41.23 -1.25 -16.79	40.33 -1.36 -9.33	42.43 -1.39 0.00	41.61 -1.06 0.00	33.08 -0.92 0.59	30.03 -0.89 0.00	24.64 -0.78 0.00
GREENIDGE___3 23582	33.63 -0.70 0.00	32.08 -0.82 0.00	29.90 -0.86 0.00	27.67 -0.91 0.00	28.24 -0.91 0.00	29.58 -0.93 0.00	26.39 -1.09 2.66	34.38 -1.14 -7.96	38.18 -1.12 -15.51	29.45 -1.09 -9.47	14.59 -0.76 -1.62	29.50 -1.10 -10.54	11.87 -0.54 -2.43	30.63 -0.97 -13.67	27.00 -0.82 -12.82	22.51 -0.63 -10.85	35.48 -1.12 -15.27	41.23 -1.25 -16.79	40.33 -1.36 -9.33	42.43 -1.39 0.00	41.61 -1.06 0.00	33.08 -0.92 0.59	30.03 -0.89 0.00	24.64 -0.78 0.00
GREENIDGE___4 23583	33.63 -0.70 0.00	32.08 -0.82 0.00	29.89 -0.86 0.00	27.67 -0.91 0.00	28.24 -0.91 0.00	29.58 -0.93 0.00	26.39 -1.10 2.66	34.37 -1.14 -7.96	38.18 -1.12 -15.51	29.45 -1.09 -9.47	14.59 -0.76 -1.62	29.50 -1.10 -10.54	11.87 -0.54 -2.43	30.63 -0.97 -13.67	27.00 -0.83 -12.82	22.51 -0.63 -10.85	35.48 -1.12 -15.27	41.23 -1.25 -16.79	40.33 -1.36 -9.33	42.43 -1.39 0.00	41.61 -1.05 0.00	33.08 -0.92 0.59	30.03 -0.89 0.00	24.64 -0.78 0.00
GREENLWN_69_KV_BK 3 55738	39.11 2.05 -2.73	40.21 2.17 -5.14	29.80 1.98 2.93	26.54 1.82 3.86	27.64 1.87 3.38	28.17 1.98 4.32	28.02 1.85 3.98	26.64 1.70 2.61	22.95 1.47 2.30	18.98 1.43 3.52	12.43 0.96 2.26	20.12 1.36 1.30	8.31 0.72 2.40	17.35 1.30 1.88	15.00 1.09 1.10	15.93 1.02 -2.62	27.03 1.79 -3.92	30.38 2.09 -2.60	35.59 2.34 -0.89	42.86 2.55 3.51	43.22 2.70 2.14	29.90 2.33 7.02	35.46 2.23 -2.30	33.97 1.88 -6.68
GREENWD_138_KV_38B11_REV_LBMP_J 345004	36.27 1.94 0.00	34.75 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.41 0.00	14.61 0.88 0.00	21.35 1.28 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.73 0.00	27.76 2.07 0.00	39.67 2.40 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
GRISSOM___SOLAR 323813	35.85 1.52 0.00	34.36 1.47 0.00	32.06 1.30 0.00	29.77 1.19 0.00	30.33 1.18 0.00	31.76 1.25 0.00	31.41 1.26 0.00	28.65 1.10 0.00	24.77 0.99 0.00	21.85 0.78 0.00	14.14 0.41 0.00	20.47 0.41 0.00	9.96 -0.03 0.00	17.95 0.02 0.00	14.98 -0.03 0.00	12.22 -0.06 0.00	21.29 -0.03 0.00	25.79 0.10 0.00	33.22 0.85 0.00	46.02 2.20 0.00	45.11 2.45 0.00	36.59 2.01 0.00	32.70 1.77 0.00	26.79 1.36 0.00
GROVEVILLE___HYD 323602	36.03 1.71 0.00	34.52 1.62 0.00	32.24 1.48 0.00	30.01 1.43 0.00	30.66 1.51 0.00	32.14 1.64 0.00	31.80 1.65 0.00	29.13 1.58 0.00	25.15 1.36 0.00	22.32 1.25 0.00	14.52 0.79 0.00	21.21 1.16 0.00	10.59 0.60 0.00	19.03 1.10 0.00	15.95 0.94 0.00	13.11 0.83 0.00	22.83 1.51 0.00	27.58 1.90 0.00	34.65 2.28 0.00	46.60 2.77 0.00	45.37 2.71 0.00	36.74 2.16 0.00	32.91 1.98 0.00	27.05 1.63 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	33.81 -0.52 0.00	32.35 -0.54 0.00	30.22 -0.53 0.00	28.06 -0.52 0.00	28.62 -0.53 0.00	29.97 -0.54 0.00	29.54 -0.61 0.00	26.96 -0.59 0.00	23.25 -0.54 0.00	20.55 -0.53 0.00	13.36 -0.37 0.00	19.54 -0.52 0.00	9.73 -0.25 0.00	17.48 -0.46 0.00	14.64 -0.38 0.00	11.99 -0.30 0.00	20.81 -0.51 0.00	25.11 -0.58 0.00	31.66 -0.70 0.00	42.97 -0.86 0.00	41.94 -0.73 0.00	33.97 -0.62 0.00	30.36 -0.56 0.00	24.94 -0.48 0.00
HAMLTNNY_34_KV_TB 80303	33.73 -0.60 0.00	32.31 -0.59 0.00	30.17 -0.59 0.00	27.99 -0.59 0.00	28.54 -0.61 0.00	29.88 -0.63 0.00	29.42 -0.73 0.00	26.79 -0.77 0.00	23.06 -0.73 0.00	20.39 -0.69 0.00	13.25 -0.48 0.00	19.38 -0.68 0.00	9.66 -0.32 0.00	17.34 -0.59 0.00	14.53 -0.49 0.00	11.90 -0.38 0.00	20.68 -0.64 0.00	24.91 -0.78 0.00	31.43 -0.93 0.00	42.72 -1.10 0.00	41.72 -0.94 0.00	33.81 -0.77 0.00	30.21 -0.71 0.00	24.81 -0.61 0.00

HAMPSHIRE___PAPER_HYD 323593	33.84 -0.49 0.00	32.50 -0.39 0.00	30.34 -0.42 0.00	28.08 -0.50 0.00	28.59 -0.57 0.00	29.75 -0.76 0.00	29.60 -0.55 0.00	27.01 -0.54 0.00	23.14 -0.65 0.00	20.27 -0.80 0.00	13.14 -0.58 0.00	19.10 -0.96 0.00	9.47 -0.51 0.00	16.94 -0.99 0.00	14.11 -0.90 0.00	11.57 -0.71 0.00	20.10 -1.22 0.00	24.14 -1.55 0.00	30.67 -1.69 0.00	42.05 -1.78 0.00	40.84 -1.83 0.00	33.24 -1.34 0.00	30.13 -0.79 0.00	24.74 -0.68 0.00
HARDSCRABBLE_WT_PWR 323673	33.95 -0.38 0.00	32.45 -0.45 0.00	30.32 -0.43 0.00	28.24 -0.33 0.00	28.81 -0.34 0.00	30.21 -0.30 0.00	29.85 -0.29 0.00	27.37 -0.18 0.00	23.67 -0.12 0.00	20.99 -0.09 0.00	13.64 -0.09 0.00	19.79 -0.26 0.00	9.71 -0.28 0.00	17.28 -0.66 0.00	14.33 -0.68 0.00	11.70 -0.59 0.00	20.40 -0.92 0.00	24.89 -0.80 0.00	31.61 -0.76 0.00	43.20 -0.63 0.00	42.25 -0.42 0.00	34.30 -0.28 0.00	30.73 -0.19 0.00	25.18 -0.25 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	35.85 1.52 0.00	34.33 1.44 0.00	32.04 1.28 0.00	29.81 1.24 0.00	30.46 1.31 0.00	31.94 1.44 0.00	31.60 1.45 0.00	28.95 1.39 0.00	24.96 1.18 0.00	22.16 1.08 0.00	14.41 0.68 0.00	21.07 1.01 0.00	10.52 0.54 0.00	18.92 0.99 0.00	15.87 0.86 0.00	13.06 0.77 0.00	22.72 1.40 0.00	27.45 1.77 0.00	34.47 2.10 0.00	46.33 2.50 0.00	45.10 2.43 0.00	36.50 1.92 0.00	32.69 1.77 0.00	26.87 1.45 0.00
HARSNRAD_115KV_TB1 81005	32.09 -2.24 0.00	30.70 -2.20 0.00	28.59 -2.16 0.00	26.45 -2.13 0.00	26.95 -2.20 0.00	28.16 -2.35 0.00	26.39 -2.96 0.79	14.35 -3.07 10.14	12.34 -2.70 8.75	13.43 -2.29 5.36	11.42 -1.39 0.92	12.23 -1.87 5.97	7.64 -0.97 1.38	8.38 -1.81 7.74	6.22 -1.54 7.25	4.96 -1.19 6.14	10.44 -2.23 8.64	13.34 -2.83 9.51	23.57 -3.51 5.29	38.96 -4.86 0.00	38.29 -4.38 0.00	31.03 -3.38 0.17	27.84 -3.09 0.00	22.87 -2.55 0.00
HARZA MOOSE___RIVER 24016	34.39 0.06 0.00	32.98 0.09 0.00	30.81 0.05 0.00	28.51 -0.07 0.00	29.08 -0.08 0.00	30.28 -0.23 0.00	30.13 -0.01 0.00	27.61 0.06 0.00	23.70 -0.08 0.00	20.76 -0.31 0.00	13.44 -0.29 0.00	19.52 -0.54 0.00	9.67 -0.31 0.00	17.32 -0.61 0.00	14.44 -0.58 0.00	11.86 -0.43 0.00	20.62 -0.70 0.00	24.81 -0.87 0.00	31.51 -0.85 0.00	42.98 -0.85 0.00	41.82 -0.85 0.00	33.95 -0.63 0.00	30.83 -0.09 0.00	25.35 -0.07 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	33.67 -0.65 0.00	32.23 -0.67 0.00	30.11 -0.65 0.00	27.96 -0.61 0.00	28.53 -0.62 0.00	29.87 -0.64 0.00	29.44 -0.71 0.00	26.87 -0.68 0.00	23.18 -0.60 0.00	20.50 -0.58 0.00	13.34 -0.39 0.00	19.52 -0.54 0.00	9.72 -0.26 0.00	17.45 -0.48 0.00	14.61 -0.40 0.00	11.98 -0.31 0.00	20.77 -0.55 0.00	25.03 -0.65 0.00	31.58 -0.79 0.00	42.82 -1.01 0.00	41.78 -0.89 0.00	33.84 -0.74 0.00	30.25 -0.67 0.00	24.87 -0.55 0.00
HELLGATE_13_KV_LD 55870	36.29 1.96 0.00	34.80 1.90 0.00	32.51 1.76 0.00	30.22 1.64 0.00	30.86 1.71 0.00	32.34 1.83 0.00	31.99 1.85 0.00	29.37 1.81 0.00	25.38 1.59 0.00	22.55 1.47 0.00	14.68 0.95 0.00	21.44 1.39 0.00	10.73 0.75 0.00	19.28 1.34 0.00	16.17 1.16 0.00	13.32 1.04 0.00	23.15 1.83 0.00	27.88 2.19 0.00	34.91 2.55 0.00	46.88 3.06 0.00	45.63 2.96 0.00	36.98 2.39 0.00	33.14 2.22 0.00	27.30 1.88 -0.01
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	36.29 1.96 0.00	34.80 1.90 0.00	32.51 1.76 0.00	30.22 1.64 0.00	30.86 1.71 0.00	32.34 1.83 0.00	31.99 1.85 0.00	29.37 1.81 0.00	25.38 1.59 0.00	22.55 1.47 0.00	14.68 0.95 0.00	21.44 1.39 0.00	10.73 0.75 0.00	19.28 1.34 0.00	16.17 1.16 0.00	13.32 1.04 0.00	23.15 1.83 0.00	27.88 2.19 0.00	34.91 2.55 0.00	46.88 3.06 0.00	45.63 2.96 0.00	36.98 2.39 0.00	33.14 2.22 0.00	27.30 1.88 -0.01
HEMPSTEAD____ 23647	51.86 1.98 -15.56	58.50 2.03 -23.58	45.51 1.85 -12.91	42.78 1.72 -12.49	41.84 1.78 -10.91	46.13 1.89 -13.74	43.22 1.82 -11.26	37.22 1.70 -7.97	32.28 1.49 -7.01	33.22 1.41 -10.74	22.21 0.93 -7.55	25.97 1.33 -4.58	18.98 0.70 -8.29	25.44 1.27 -6.23	22.14 1.09 -6.04	28.09 1.01 -14.80	42.33 1.77 -19.24	50.25 2.06 -22.50	61.24 2.39 -26.49	59.52 2.69 -13.00	69.27 2.76 -23.85	60.82 2.30 -23.94	55.94 2.18 -22.84	56.01 1.85 -28.74
HICKLING___1 23621	33.68 -0.64 0.00	32.07 -0.82 0.00	29.88 -0.87 0.00	27.60 -0.98 0.00	28.20 -0.95 0.00	29.53 -0.98 0.00	26.41 -1.17 2.57	25.09 -1.14 1.32	28.05 -1.08 -5.35	23.33 -1.01 -3.27	13.59 -0.70 -0.56	22.71 -0.98 -3.63	10.33 -0.46 -0.81	21.66 -0.80 -4.53	18.71 -0.71 -4.40	15.53 -0.50 -3.74	25.66 -0.92 -5.27	30.46 -1.02 -5.80	34.44 -1.14 -3.22	42.53 -1.30 0.00	41.69 -0.98 0.00	33.12 -0.90 0.57	30.07 -0.85 0.00	24.72 -0.71 0.00
HICKLING___2 23622	33.68 -0.64 0.00	32.07 -0.82 0.00	29.88 -0.87 0.00	27.60 -0.98 0.00	28.20 -0.95 0.00	29.53 -0.98 0.00	26.41 -1.17 2.57	25.09 -1.14 1.32	28.05 -1.08 -5.35	23.33 -1.01 -3.27	13.59 -0.70 -0.56	22.71 -0.98 -3.63	10.33 -0.46 -0.81	21.66 -0.80 -4.53	18.71 -0.71 -4.40	15.53 -0.50 -3.74	25.66 -0.92 -5.27	30.46 -1.02 -5.80	34.44 -1.14 -3.22	42.53 -1.30 0.00	41.69 -0.98 0.00	33.12 -0.90 0.57	30.07 -0.85 0.00	24.72 -0.71 0.00
HIGH FALLS___HY 23754	36.18 1.86 0.00	34.64 1.75 0.00	32.33 1.57 0.00	30.08 1.50 0.00	30.74 1.59 0.00	32.22 1.71 0.00	31.87 1.73 0.00	29.17 1.62 0.00	25.15 1.37 0.00	22.30 1.23 0.00	14.49 0.76 0.00	21.18 1.12 0.00	10.55 0.56 0.00	18.94 1.01 0.00	15.87 0.85 0.00	13.05 0.76 0.00	22.72 1.40 0.00	27.52 1.83 0.00	34.67 2.31 0.00	46.72 2.90 0.00	45.52 2.85 0.00	36.86 2.28 0.00	32.98 2.06 0.00	27.10 1.68 0.00
HIGH_RIVER___SOLAR 323847	35.34 1.01 0.00	33.88 0.98 0.00	31.66 0.91 0.00	29.44 0.87 0.00	30.03 0.87 0.00	31.45 0.95 0.00	31.10 0.95 0.00	28.38 0.83 0.00	24.48 0.69 0.00	21.61 0.53 0.00	14.05 0.32 0.00	20.37 0.31 0.00	10.05 0.06 0.00	18.10 0.16 0.00	15.16 0.14 0.00	12.38 0.10 0.00	21.53 0.21 0.00	26.10 0.42 0.00	33.25 0.88 0.00	45.46 1.63 0.00	44.42 1.75 0.00	36.02 1.43 0.00	32.23 1.31 0.00	26.45 1.03 0.00
HILLBURN___GT 23639	35.81 1.48 0.00	34.31 1.41 0.00	32.00 1.25 0.00	29.79 1.21 0.00	30.45 1.30 0.00	31.92 1.41 0.00	31.57 1.43 0.00	28.93 1.37 0.00	24.96 1.17 0.00	22.16 1.09 0.00	14.43 0.71 0.00	21.10 1.04 0.00	10.55 0.56 0.00	18.95 1.02 0.00	15.90 0.89 0.00	13.09 0.81 0.00	22.77 1.45 0.00	27.49 1.81 0.00	34.48 2.12 0.00	46.30 2.47 0.00	45.06 2.39 0.00	36.47 1.89 0.00	32.68 1.75 0.00	26.85 1.43 0.00
HILLSIDE_115KV_TB1 80332	33.42 -0.91 0.00	31.85 -1.05 0.00	29.74 -1.02 0.00	27.50 -1.07 0.00	28.11 -1.05 0.00	29.41 -1.10 0.00	26.54 -1.25 2.35	24.96 -1.15 1.45	27.39 -1.04 -4.64	22.97 -0.94 -2.84	13.59 -0.62 -0.48	22.35 -0.86 -3.16	10.29 -0.42 -0.73	21.32 -0.74 -4.12	18.22 -0.63 -3.84	15.10 -0.44 -3.25	25.09 -0.80 -4.57	29.79 -0.92 -5.03	34.00 -1.15 -2.80	42.32 -1.51 0.00	41.35 -1.31 0.00	32.90 -1.16 0.52	29.90 -1.03 0.00	24.58 -0.84 0.00

HISHELDN_WT_PWR 323625	32.46 -1.87 0.00	30.99 -1.91 0.00	28.80 -1.95 0.00	26.62 -1.96 0.00	27.16 -1.99 0.00	28.36 -2.15 0.00	26.35 -2.63 1.16	-5.37 -2.67 30.25	-7.83 -2.36 29.25	1.15 -2.07 17.86	9.33 -1.35 3.05	-1.66 -1.85 19.88	4.46 -0.93 4.59	-9.56 -1.70 25.80	-10.61 -1.45 24.17	-9.29 -1.12 20.46	-9.55 -2.07 28.80	-8.44 -2.46 31.68	11.77 -3.00 17.60	39.91 -3.92 0.00	39.23 -3.44 0.00	31.56 -2.77 0.25	28.41 -2.51 0.00	23.36 -2.06 0.00
HOLTSVILLE_IC_1 23690	114.19 2.60 -77.26	39.87 2.77 -4.21	29.54 2.52 3.73	26.18 2.28 4.68	27.38 2.32 4.09	27.70 2.42 5.23	27.64 2.30 4.80	26.22 2.07 3.41	22.56 1.77 3.00	18.13 1.66 4.60	11.84 1.10 2.99	19.89 1.56 1.73	7.60 0.81 3.19	16.89 1.45 2.49	14.59 1.21 1.63	15.14 1.13 -1.72	26.10 2.00 -2.79	29.14 2.34 -1.12	34.09 2.75 1.03	42.20 3.14 4.76	52.93 3.36 -6.91	54.22 2.75 -16.88	36.90 2.70 -3.27	32.77 2.31 -5.04
HOLTSVILLE_IC_10 23699	104.27 2.76 -67.18	40.37 2.92 -4.55	29.99 2.65 3.42	26.62 2.40 4.36	27.79 2.44 3.81	28.18 2.54 4.87	28.10 2.43 4.47	26.63 2.19 3.12	22.91 1.87 2.74	18.60 1.73 4.20	12.15 1.15 2.72	20.12 1.63 1.57	7.92 0.84 2.90	17.18 1.51 2.27	14.83 1.26 1.44	15.50 1.18 -2.04	26.60 2.09 -3.19	29.81 2.47 -1.65	34.96 2.94 0.34	42.92 3.39 4.31	54.60 3.61 -8.32	56.96 2.97 -19.41	37.78 2.88 -3.97	33.48 2.44 -5.62
HOLTSVILLE_IC_2 23691	114.19 2.60 -77.26	39.87 2.77 -4.21	29.54 2.52 3.73	26.18 2.28 4.68	27.38 2.32 4.09	27.70 2.42 5.23	27.64 2.30 4.80	26.22 2.07 3.41	22.56 1.77 3.00	18.13 1.66 4.60	11.84 1.10 2.99	19.89 1.56 1.73	7.60 0.81 3.19	16.89 1.45 2.49	14.59 1.21 1.63	15.14 1.13 -1.72	26.10 2.00 -2.79	29.14 2.34 -1.12	34.09 2.75 1.03	42.20 3.14 4.76	52.93 3.36 -6.91	54.22 2.75 -16.88	36.90 2.70 -3.27	32.77 2.31 -5.04
HOLTSVILLE_IC_3 23692	114.19 2.60 -77.26	39.87 2.77 -4.21	29.54 2.52 3.73	26.18 2.28 4.68	27.38 2.32 4.09	27.70 2.42 5.23	27.64 2.30 4.80	26.22 2.07 3.41	22.56 1.77 3.00	18.13 1.66 4.60	11.84 1.10 2.99	19.89 1.56 1.73	7.60 0.81 3.19	16.89 1.45 2.49	14.59 1.21 1.63	15.14 1.13 -1.72	26.10 2.00 -2.79	29.14 2.34 -1.12	34.09 2.75 1.03	42.20 3.14 4.76	52.93 3.36 -6.91	54.22 2.75 -16.88	36.90 2.70 -3.27	32.77 2.31 -5.04
HOLTSVILLE_IC_4 23693	114.19 2.60 -77.26	39.87 2.77 -4.21	29.54 2.52 3.73	26.18 2.28 4.68	27.38 2.32 4.09	27.70 2.42 5.23	27.64 2.30 4.80	26.22 2.07 3.41	22.56 1.77 3.00	18.13 1.66 4.60	11.84 1.10 2.99	19.89 1.56 1.73	7.60 0.81 3.19	16.89 1.45 2.49	14.59 1.21 1.63	15.14 1.13 -1.72	26.10 2.00 -2.79	29.14 2.34 -1.12	34.09 2.75 1.03	42.20 3.14 4.76	52.93 3.36 -6.91	54.22 2.75 -16.88	36.90 2.70 -3.27	32.77 2.31 -5.04
HOLTSVILLE_IC_5 23694	114.19 2.60 -77.26	39.87 2.77 -4.21	29.54 2.52 3.73	26.18 2.28 4.68	27.38 2.32 4.09	27.70 2.42 5.23	27.64 2.30 4.80	26.22 2.07 3.41	22.56 1.77 3.00	18.13 1.66 4.60	11.84 1.10 2.99	19.89 1.56 1.73	7.60 0.81 3.19	16.89 1.45 2.49	14.59 1.21 1.63	15.14 1.13 -1.72	26.10 2.00 -2.79	29.14 2.34 -1.12	34.09 2.75 1.03	42.20 3.14 4.76	52.93 3.36 -6.91	54.22 2.75 -16.88	36.90 2.70 -3.27	32.77 2.31 -5.04
HOLTSVILLE_IC_6 23695	104.27 2.76 -67.18	40.37 2.92 -4.55	29.99 2.65 3.42	26.62 2.40 4.36	27.79 2.44 3.81	28.18 2.54 4.87	28.10 2.43 4.47	26.63 2.19 3.12	22.91 1.87 2.74	18.60 1.73 4.20	12.15 1.15 2.72	20.12 1.63 1.57	7.92 0.84 2.90	17.18 1.51 2.27	14.83 1.26 1.44	15.50 1.18 -2.04	26.60 2.09 -3.19	29.81 2.47 -1.65	34.96 2.94 0.34	42.92 3.39 4.31	54.60 3.61 -8.32	56.96 2.97 -19.41	37.78 2.88 -3.97	33.48 2.44 -5.62
HOLTSVILLE_IC_7 23696	104.27 2.76 -67.18	40.37 2.92 -4.55	29.99 2.65 3.42	26.62 2.40 4.36	27.79 2.44 3.81	28.18 2.54 4.87	28.10 2.43 4.47	26.63 2.19 3.12	22.91 1.87 2.74	18.60 1.73 4.20	12.15 1.15 2.72	20.12 1.63 1.57	7.92 0.84 2.90	17.18 1.51 2.27	14.83 1.26 1.44	15.50 1.18 -2.04	26.60 2.09 -3.19	29.81 2.47 -1.65	34.96 2.94 0.34	42.92 3.39 4.31	54.60 3.61 -8.32	56.96 2.97 -19.41	37.78 2.88 -3.97	33.48 2.44 -5.62
HOLTSVILLE_IC_8 23697	104.27 2.76 -67.18	40.37 2.92 -4.55	29.99 2.65 3.42	26.62 2.40 4.36	27.79 2.44 3.81	28.18 2.54 4.87	28.10 2.43 4.47	26.63 2.19 3.12	22.91 1.87 2.74	18.60 1.73 4.20	12.15 1.15 2.72	20.12 1.63 1.57	7.92 0.84 2.90	17.18 1.51 2.27	14.83 1.26 1.44	15.50 1.18 -2.04	26.60 2.09 -3.19	29.81 2.47 -1.65	34.96 2.94 0.34	42.92 3.39 4.31	54.60 3.61 -8.32	56.96 2.97 -19.41	37.78 2.88 -3.97	33.48 2.44 -5.62
HOLTSVILLE_IC_9 23698	104.27 2.76 -67.18	40.37 2.92 -4.55	29.99 2.65 3.42	26.62 2.40 4.36	27.79 2.44 3.81	28.18 2.54 4.87	28.10 2.43 4.47	26.63 2.19 3.12	22.91 1.87 2.74	18.60 1.73 4.20	12.15 1.15 2.72	20.12 1.63 1.57	7.92 0.84 2.90	17.18 1.51 2.27	14.83 1.26 1.44	15.50 1.18 -2.04	26.60 2.09 -3.19	29.81 2.47 -1.65	34.96 2.94 0.34	42.92 3.39 4.31	54.60 3.61 -8.32	56.96 2.97 -19.41	37.78 2.88 -3.97	33.48 2.44 -5.62
HOMER_HL_115KV_TB2 355744	33.46 -0.87 0.00	32.00 -0.90 0.00	29.83 -0.92 0.00	27.50 -1.08 0.00	27.97 -1.18 0.00	29.21 -1.30 0.00	27.27 -1.70 1.17	20.33 -1.51 5.71	19.50 -1.26 3.02	18.22 -1.01 1.85	12.79 -0.62 0.32	17.27 -0.73 2.06	9.13 -0.38 0.48	14.57 -0.69 2.67	11.91 -0.60 2.50	9.78 -0.39 2.12	17.42 -0.92 2.98	21.21 -1.30 3.17	28.78 -1.81 1.77	41.18 -2.65 0.00	40.34 -2.33 0.00	32.41 -1.91 0.26	29.18 -1.74 0.00	24.13 -1.29 0.00
HOWARD_WT_PWR 323690	32.65 -1.68 0.00	30.94 -1.95 0.00	28.58 -2.18 0.00	26.22 -2.35 0.00	26.78 -2.37 0.00	28.17 -2.34 0.00	25.25 -2.47 2.43	49.81 -2.41 -24.67	54.40 -2.12 -32.73	39.20 -1.85 -19.98	15.82 -1.32 -3.41	40.27 -2.03 -22.24	14.10 -1.02 -5.13	45.06 -1.73 -28.85	40.58 -1.47 -27.04	34.05 -1.13 -22.89	51.44 -2.10 -32.22	58.74 -2.40 -35.45	49.25 -2.81 -19.69	40.84 -2.99 0.00	40.60 -2.07 0.00	32.36 -1.69 0.54	29.26 -1.66 0.00	23.99 -1.43 0.00
HQ_GEN_CEDARS 23644	34.99 0.67 0.00	33.59 0.69 0.00	31.37 0.62 0.00	29.08 0.51 0.00	29.62 0.47 0.00	30.91 0.40 0.00	30.61 0.46 0.00	27.88 0.33 0.00	24.04 0.25 0.00	21.27 0.20 0.00	13.87 0.14 0.00	20.25 0.19 0.00	10.07 0.09 0.00	18.04 0.11 0.00	15.08 0.07 0.00	12.32 0.04 0.00	21.38 0.06 0.00	25.69 0.00 0.00	32.50 0.14 0.00	44.24 0.41 0.00	42.76 0.10 0.00	34.87 0.29 0.00	31.15 0.23 0.00	25.58 0.15 0.00
HQ_GEN_CEDARS_PROXY 323590	34.99 0.67 0.00	33.59 0.69 0.00	31.37 0.62 0.00	29.08 0.51 0.00	29.62 0.47 0.00	30.90 0.39 0.00	30.61 0.46 0.00	27.88 0.33 0.00	24.04 0.25 0.00	21.27 0.20 0.00	13.87 0.14 0.00	20.25 0.19 0.00	10.07 0.08 0.00	18.04 0.11 0.00	15.08 0.07 0.00	12.32 0.04 0.00	21.38 0.06 0.00	25.69 0.00 0.00	32.50 0.13 0.00	44.24 0.41 0.00	42.76 0.10 0.00	34.87 0.29 0.00	31.15 0.23 0.00	25.58 0.15 0.00

HQ_GEN_IMPORT 323601	34.63 0.30 0.00	33.21 0.32 0.00	31.04 0.28 0.00	28.81 0.23 0.00	29.35 0.20 0.00	30.69 0.17 0.00	30.35 0.21 0.00	27.71 0.15 0.00	23.90 0.12 0.00	21.19 0.11 0.00	13.81 0.08 0.00	20.18 0.12 0.00	10.04 0.06 0.00	18.01 0.08 0.00	15.07 0.06 0.00	12.33 0.04 0.00	21.38 0.05 0.00	25.73 0.04 0.00	32.47 0.10 0.00	44.04 0.22 0.00	42.82 0.15 0.00	34.70 0.12 0.00	30.97 0.04 0.00	25.44 0.03 0.00
HQ_GEN_WHEEL 23651	34.63 0.30 0.00	33.21 0.32 0.00	31.04 0.28 0.00	28.81 0.23 0.00	29.35 0.20 0.00	30.69 0.17 0.00	30.35 0.21 0.00	27.71 0.15 0.00	23.90 0.12 0.00	21.19 0.11 0.00	13.81 0.08 0.00	20.18 0.12 0.00	10.04 0.06 0.00	18.01 0.08 0.00	15.07 0.06 0.00	12.33 0.04 0.00	21.38 0.05 0.00	25.73 0.04 0.00	32.47 0.10 0.00	44.04 0.22 0.00	42.82 0.15 0.00	34.70 0.12 0.00	30.97 0.04 0.00	25.44 0.03 0.00
HUDSON AVE_GT_3 23810	36.15 1.82 0.00	34.64 1.74 0.00	32.34 1.59 0.00	30.09 1.52 0.00	30.74 1.59 0.00	32.21 1.70 0.00	31.85 1.71 0.00	29.21 1.66 0.00	25.23 1.44 0.00	22.42 1.34 0.00	14.59 0.86 0.00	21.32 1.26 0.00	10.67 0.69 0.00	19.17 1.23 0.00	16.08 1.07 0.00	13.25 0.96 0.00	23.02 1.70 0.00	27.74 2.06 0.00	34.74 2.38 0.00	46.59 2.76 0.00	45.35 2.68 0.00	36.74 2.16 0.00	32.95 2.03 0.00	27.15 1.72 -0.01
HUDSON AVE_GT_4 23540	36.15 1.82 0.00	34.64 1.74 0.00	32.34 1.59 0.00	30.09 1.52 0.00	30.74 1.59 0.00	32.21 1.70 0.00	31.85 1.71 0.00	29.21 1.66 0.00	25.23 1.44 0.00	22.42 1.34 0.00	14.59 0.86 0.00	21.32 1.26 0.00	10.67 0.69 0.00	19.17 1.23 0.00	16.08 1.07 0.00	13.25 0.96 0.00	23.02 1.70 0.00	27.74 2.06 0.00	34.74 2.38 0.00	46.59 2.76 0.00	45.35 2.68 0.00	36.74 2.16 0.00	32.95 2.03 0.00	27.15 1.72 -0.01
HUDSON AVE_GT_5 23657	36.15 1.82 0.00	34.64 1.74 0.00	32.34 1.59 0.00	30.09 1.52 0.00	30.74 1.59 0.00	32.21 1.70 0.00	31.85 1.71 0.00	29.21 1.66 0.00	25.23 1.44 0.00	22.42 1.34 0.00	14.59 0.86 0.00	21.32 1.26 0.00	10.67 0.69 0.00	19.17 1.23 0.00	16.08 1.07 0.00	13.25 0.96 0.00	23.02 1.70 0.00	27.74 2.06 0.00	34.74 2.38 0.00	46.59 2.76 0.00	45.35 2.68 0.00	36.74 2.16 0.00	32.95 2.03 0.00	27.15 1.72 -0.01
HUDSON_AVE_10 24168	36.05 1.72 0.00	34.56 1.66 0.00	32.28 1.52 0.00	30.04 1.46 0.00	30.68 1.53 0.00	32.15 1.65 0.00	31.78 1.63 0.00	23.47 1.58 5.67	25.16 1.37 0.00	22.35 1.28 0.00	14.55 0.82 0.00	21.26 1.20 0.00	10.64 0.65 0.00	19.10 1.17 0.00	16.03 1.02 0.00	13.20 0.92 0.00	22.94 1.62 0.00	27.64 1.96 0.00	34.62 2.25 0.00	46.40 2.57 0.00	45.16 2.49 0.00	36.94 2.02 -0.34	32.99 1.91 -0.16	27.07 1.64 -0.01
HUDSON___115KV_TB 4 355613	35.17 0.84 0.00	33.67 0.78 0.00	31.57 0.81 0.00	29.42 0.85 0.00	30.03 0.87 0.00	31.48 0.98 0.00	31.16 1.02 0.00	28.60 1.04 0.00	24.68 0.90 0.00	21.89 0.82 0.00	14.21 0.48 0.00	20.72 0.66 0.00	10.29 0.31 0.00	18.46 0.52 0.00	15.46 0.45 0.00	12.61 0.33 0.00	21.94 0.61 0.00	26.54 0.86 0.00	33.49 1.12 0.00	45.43 1.60 0.00	44.30 1.64 0.00	35.94 1.36 0.00	32.20 1.27 0.00	26.46 1.04 0.00
HUNTER MOUNT___DRP 323613	35.30 0.98 0.00	33.79 0.89 0.00	31.67 0.91 0.00	29.52 0.94 0.00	30.13 0.98 0.00	31.60 1.09 0.00	31.28 1.13 0.00	28.69 1.14 0.00	24.78 1.00 0.00	21.99 0.91 0.00	14.26 0.53 0.00	20.80 0.74 0.00	10.32 0.34 0.00	18.50 0.57 0.00	15.50 0.48 0.00	12.63 0.35 0.00	21.98 0.66 0.00	26.62 0.93 0.00	33.63 1.27 0.00	45.63 1.80 0.00	44.51 1.84 0.00	36.09 1.51 0.00	32.33 1.41 0.00	26.56 1.13 0.00
HUNTINGTON_RES_REC 323705	40.90 2.32 -4.25	39.94 2.46 -4.59	29.59 2.24 3.41	26.26 2.04 4.35	27.44 2.09 3.80	27.83 2.19 4.87	27.75 2.06 4.46	26.38 1.86 3.03	22.72 1.60 2.67	18.50 1.51 4.09	12.10 1.02 2.64	19.97 1.44 1.53	7.92 0.75 2.82	17.08 1.35 2.20	14.76 1.13 1.38	15.50 1.07 -2.15	26.54 1.89 -3.33	29.73 2.21 -1.82	34.83 2.58 0.12	42.53 2.87 4.17	38.01 3.05 7.71	18.11 2.60 19.07	33.90 2.50 -0.48	33.35 2.11 -5.82
HUNTLEY___63 23557	32.31 -2.01 0.00	30.90 -2.00 0.00	28.78 -1.98 0.00	26.61 -1.96 0.00	27.13 -2.02 0.00	28.34 -2.17 0.00	26.51 -2.79 0.84	13.80 -2.91 10.84	11.86 -2.55 9.37	13.20 -2.15 5.73	11.46 -1.29 0.98	11.96 -1.72 6.38	7.63 -0.89 1.47	7.96 -1.69 8.28	5.82 -1.44 7.76	4.62 -1.10 6.57	9.99 -2.08 9.25	12.87 -2.64 10.17	23.46 -3.25 5.65	39.30 -4.53 0.00	38.58 -4.08 0.00	31.22 -3.18 0.18	28.02 -2.91 0.00	23.02 -2.40 0.00
HUNTLEY___64 23558	32.31 -2.01 0.00	30.90 -2.00 0.00	28.78 -1.98 0.00	26.61 -1.96 0.00	27.13 -2.02 0.00	28.34 -2.17 0.00	26.51 -2.79 0.84	13.80 -2.91 10.84	11.86 -2.55 9.37	13.20 -2.15 5.73	11.46 -1.29 0.98	11.96 -1.72 6.38	7.63 -0.89 1.47	7.96 -1.69 8.28	5.82 -1.44 7.76	4.62 -1.10 6.57	9.99 -2.08 9.25	12.87 -2.64 10.17	23.46 -3.25 5.65	39.30 -4.53 0.00	38.58 -4.08 0.00	31.22 -3.18 0.18	28.02 -2.91 0.00	23.02 -2.40 0.00
HUNTLEY___65 23559	32.31 -2.01 0.00	30.90 -2.00 0.00	28.78 -1.98 0.00	26.61 -1.96 0.00	27.13 -2.02 0.00	28.34 -2.17 0.00	26.51 -2.79 0.84	13.80 -2.91 10.84	11.86 -2.55 9.37	13.20 -2.15 5.73	11.46 -1.29 0.98	11.96 -1.72 6.38	7.63 -0.89 1.47	7.96 -1.69 8.28	5.82 -1.44 7.76	4.62 -1.10 6.57	9.99 -2.08 9.25	12.87 -2.64 10.17	23.46 -3.25 5.65	39.30 -4.53 0.00	38.58 -4.08 0.00	31.22 -3.18 0.18	28.02 -2.91 0.00	23.02 -2.40 0.00
HUNTLEY___66 23560	32.31 -2.01 0.00	30.90 -2.00 0.00	28.78 -1.98 0.00	26.61 -1.96 0.00	27.13 -2.02 0.00	28.34 -2.17 0.00	26.51 -2.79 0.84	13.80 -2.91 10.84	11.86 -2.55 9.37	13.20 -2.15 5.73	11.46 -1.29 0.98	11.96 -1.72 6.38	7.63 -0.89 1.47	7.96 -1.69 8.28	5.82 -1.44 7.76	4.62 -1.10 6.57	9.99 -2.08 9.25	12.87 -2.64 10.17	23.46 -3.25 5.65	39.30 -4.53 0.00	38.58 -4.08 0.00	31.22 -3.18 0.18	28.02 -2.91 0.00	23.02 -2.40 0.00
HUNTLEY___67 23561	32.23 -2.10 0.00	30.84 -2.05 0.00	28.72 -2.03 0.00	26.56 -2.01 0.00	27.07 -2.08 0.00	28.28 -2.23 0.00	26.46 -2.82 0.87	12.26 -2.99 12.30	10.33 -2.61 10.84	12.27 -2.19 6.62	11.29 -1.31 1.13	10.91 -1.78 7.36	7.39 -0.90 1.70	6.65 -1.72 9.56	4.59 -1.47 8.96	3.58 -1.13 7.58	8.52 -2.13 10.67	11.23 -2.71 11.75	22.54 -3.30 6.52	39.30 -4.53 0.00	38.55 -4.11 0.00	31.15 -3.24 0.19	27.99 -2.94 0.00	23.01 -2.41 0.00
HUNTLEY___68 23562	32.23 -2.10 0.00	30.84 -2.05 0.00	28.72 -2.03 0.00	26.56 -2.01 0.00	27.07 -2.08 0.00	28.28 -2.23 0.00	26.46 -2.82 0.87	12.26 -2.99 12.30	10.33 -2.61 10.84	12.27 -2.19 6.62	11.29 -1.31 1.13	10.91 -1.78 7.36	7.39 -0.90 1.70	6.65 -1.72 9.56	4.59 -1.47 8.96	3.58 -1.13 7.58	8.52 -2.13 10.67	11.23 -2.71 11.75	22.54 -3.30 6.52	39.30 -4.53 0.00	38.55 -4.11 0.00	31.15 -3.24 0.19	27.99 -2.94 0.00	23.01 -2.41 0.00



HYLAND___LFGE 323620	34.14 -0.19 0.00	32.50 -0.39 0.00	30.20 -0.56 0.00	27.91 -0.67 0.00	28.51 -0.64 0.00	29.87 -0.64 0.00	27.84 -0.97 1.34	56.99 -1.43 -30.87	58.53 -1.74 -36.48	41.79 -1.56 -22.27	16.51 -1.02 -3.80	43.38 -1.47 -24.79	14.97 -0.74 -5.72	48.75 -1.35 -32.16	44.02 -1.13 -30.14	36.94 -0.86 -25.51	55.65 -1.58 -35.91	63.35 -1.83 -39.49	52.23 -2.08 -21.94	41.98 -1.85 0.00	41.92 -0.74 0.00	33.78 -0.50 0.30	30.29 -0.63 0.00	24.82 -0.60 0.00
INDECK___CORINTH 23802	35.46 1.13 0.00	33.93 1.03 0.00	31.83 1.08 0.00	29.63 1.05 0.00	30.27 1.13 0.00	31.78 1.27 0.00	31.49 1.34 0.00	28.95 1.39 0.00	25.07 1.28 0.00	22.17 1.09 0.00	14.43 0.70 0.00	21.07 1.01 0.00	10.37 0.39 0.00	18.72 0.78 0.00	15.66 0.64 0.00	12.77 0.49 0.00	22.19 0.87 0.00	26.86 1.17 0.00	33.91 1.55 0.00	45.99 2.16 0.00	44.79 2.13 0.00	36.33 1.75 0.00	32.45 1.53 0.00	26.61 1.19 0.00
INDECK___ILION 23567	34.14 -0.18 0.00	32.65 -0.25 0.00	30.54 -0.21 0.00	28.43 -0.15 0.00	29.01 -0.14 0.00	30.40 -0.11 0.00	30.04 -0.10 0.00	27.52 -0.03 0.00	23.79 0.00 0.00	21.07 0.00 0.00	13.71 -0.02 0.00	19.95 -0.11 0.00	9.85 -0.13 0.00	17.63 -0.31 0.00	14.70 -0.31 0.00	12.02 -0.27 0.00	20.91 -0.42 0.00	25.34 -0.34 0.00	32.06 -0.31 0.00	43.57 -0.26 0.00	42.51 -0.16 0.00	34.48 -0.10 0.00	30.87 -0.05 0.00	25.35 -0.08 0.00
INDECK___OLEAN 23982	33.46 -0.87 0.00	32.00 -0.90 0.00	29.83 -0.93 0.00	27.49 -1.09 0.00	27.96 -1.19 0.00	29.21 -1.30 0.00	27.27 -1.70 1.17	20.33 -1.51 5.71	19.51 -1.26 3.02	18.24 -0.98 1.85	12.79 -0.62 0.32	17.27 -0.73 2.06	9.13 -0.38 0.48	14.57 -0.69 2.67	11.91 -0.60 2.50	9.79 -0.38 2.12	17.42 -0.91 2.98	21.23 -1.28 3.17	28.80 -1.80 1.77	41.18 -2.65 0.00	40.34 -2.33 0.00	32.40 -1.93 0.26	29.18 -1.75 0.00	24.13 -1.29 0.00
INDECK___OSWEGO 23783	33.20 -1.12 0.00	31.80 -1.09 0.00	29.71 -1.04 0.00	27.60 -0.98 0.00	28.16 -1.00 0.00	29.47 -1.04 0.00	29.08 -1.07 0.00	26.56 -0.99 0.00	22.90 -0.89 0.00	20.25 -0.82 0.00	13.18 -0.55 0.00	19.25 -0.81 0.00	9.58 -0.40 0.00	17.20 -0.73 0.00	14.39 -0.62 0.00	11.79 -0.49 0.00	20.44 -0.88 0.00	24.61 -1.08 0.00	31.02 -1.34 0.00	42.11 -1.72 0.00	41.09 -1.58 0.00	33.31 -1.27 0.00	29.83 -1.09 0.00	24.54 -0.88 0.00
INDECK___YERKES 23781	32.33 -1.99 0.00	30.92 -1.98 0.00	28.79 -1.97 0.00	26.62 -1.95 0.00	27.14 -2.01 0.00	28.35 -2.16 0.00	26.54 -2.77 0.84	13.84 -2.87 10.84	11.90 -2.52 9.37	13.24 -2.11 5.73	11.47 -1.29 0.98	11.98 -1.70 6.38	7.63 -0.88 1.47	7.99 -1.67 8.28	5.83 -1.42 7.76	4.63 -1.09 6.57	10.02 -2.06 9.25	12.92 -2.59 10.17	23.50 -3.21 5.65	39.33 -4.49 0.00	38.60 -4.06 0.00	31.22 -3.18 0.18	28.04 -2.89 0.00	23.04 -2.38 0.00
INDIAN POINT_GT_1 24139	35.80 1.47 0.00	34.31 1.42 0.00	32.02 1.27 0.00	29.80 1.22 0.00	30.45 1.30 0.00	31.92 1.41 0.00	31.57 1.42 0.00	28.92 1.37 0.00	24.96 1.17 0.00	22.16 1.08 0.00	14.43 0.70 0.00	21.08 1.02 0.00	10.54 0.55 0.00	18.94 1.00 0.00	15.89 0.87 0.00	13.07 0.79 0.00	22.73 1.41 0.00	27.43 1.74 0.00	34.39 2.03 0.00	46.19 2.36 0.00	44.96 2.29 0.00	36.41 1.83 0.00	32.64 1.71 0.00	26.85 1.42 0.00
INDIAN POINT_GT_2 23659	35.80 1.47 0.00	34.31 1.42 0.00	32.02 1.27 0.00	29.80 1.22 0.00	30.45 1.30 0.00	31.92 1.41 0.00	31.57 1.42 0.00	28.92 1.37 0.00	24.96 1.17 0.00	22.16 1.08 0.00	14.43 0.70 0.00	21.08 1.02 0.00	10.54 0.55 0.00	18.94 1.00 0.00	15.89 0.87 0.00	13.07 0.79 0.00	22.73 1.41 0.00	27.43 1.74 0.00	34.39 2.03 0.00	46.19 2.36 0.00	44.96 2.29 0.00	36.41 1.83 0.00	32.64 1.71 0.00	26.85 1.42 0.00
INDIAN POINT_GT_3 24019	35.80 1.47 0.00	34.31 1.42 0.00	32.02 1.27 0.00	29.80 1.22 0.00	30.45 1.30 0.00	31.92 1.41 0.00	31.57 1.42 0.00	28.92 1.37 0.00	24.96 1.17 0.00	22.16 1.08 0.00	14.43 0.70 0.00	21.08 1.02 0.00	10.54 0.55 0.00	18.94 1.00 0.00	15.89 0.87 0.00	13.07 0.79 0.00	22.73 1.41 0.00	27.43 1.74 0.00	34.39 2.03 0.00	46.19 2.36 0.00	44.96 2.29 0.00	36.41 1.83 0.00	32.64 1.71 0.00	26.85 1.42 0.00
INDIAN POINT___2 23530	35.76 1.43 0.00	34.28 1.38 0.00	31.99 1.23 0.00	29.77 1.19 0.00	30.42 1.26 0.00	31.88 1.37 0.00	31.54 1.39 0.00	28.89 1.34 0.00	24.93 1.14 0.00	22.13 1.06 0.00	14.41 0.68 0.00	21.06 1.00 0.00	10.53 0.54 0.00	18.92 0.98 0.00	15.87 0.86 0.00	13.06 0.77 0.00	22.71 1.39 0.00	27.41 1.72 0.00	34.36 2.00 0.00	46.15 2.32 0.00	44.92 2.25 0.00	36.38 1.80 0.00	32.61 1.69 0.00	26.82 1.39 0.00
INDIAN POINT___3 23531	35.77 1.44 0.00	34.28 1.39 0.00	32.00 1.25 0.00	29.79 1.21 0.00	30.43 1.28 0.00	31.90 1.39 0.00	31.54 1.40 0.00	28.90 1.35 0.00	24.94 1.16 0.00	22.15 1.07 0.00	14.41 0.69 0.00	21.07 1.01 0.00	10.54 0.55 0.00	18.93 1.00 0.00	15.88 0.87 0.00	13.07 0.78 0.00	22.72 1.40 0.00	27.41 1.73 0.00	34.37 2.00 0.00	46.16 2.33 0.00	44.93 2.27 0.00	36.39 1.82 0.00	32.61 1.69 0.00	26.83 1.41 0.00
INGHAM_C_115KV_TB7 356103	33.88 -0.45 0.00	32.35 -0.54 0.00	30.28 -0.48 0.00	28.22 -0.35 0.00	28.84 -0.32 0.00	30.27 -0.24 0.00	29.92 -0.22 0.00	27.48 -0.08 0.00	23.78 -0.01 0.00	21.06 -0.02 0.00	13.68 -0.05 0.00	19.81 -0.25 0.00	9.66 -0.33 0.00	17.19 -0.74 0.00	14.24 -0.77 0.00	11.63 -0.66 0.00	20.29 -1.03 0.00	24.80 -0.88 0.00	31.54 -0.83 0.00	43.11 -0.72 0.00	42.19 -0.47 0.00	34.22 -0.36 0.00	30.66 -0.26 0.00	25.14 -0.28 0.00
IP CORINTH___1 23988	35.46 1.14 0.00	33.92 1.03 0.00	31.83 1.08 0.00	29.63 1.05 0.00	30.27 1.12 0.00	31.78 1.27 0.00	31.49 1.34 0.00	28.95 1.40 0.00	25.07 1.28 0.00	22.17 1.10 0.00	14.43 0.70 0.00	21.07 1.01 0.00	10.37 0.39 0.00	18.72 0.79 0.00	15.66 0.65 0.00	12.77 0.49 0.00	22.19 0.87 0.00	26.86 1.17 0.00	33.91 1.55 0.00	45.99 2.16 0.00	44.79 2.12 0.00	36.33 1.75 0.00	32.46 1.53 0.00	26.60 1.18 0.00
IP___TICONDEROGA 23804	36.32 1.99 0.00	34.75 1.86 0.00	32.78 2.03 0.00	30.49 1.92 0.00	31.26 2.11 0.00	32.79 2.28 0.00	32.58 2.43 0.00	30.15 2.60 0.00	26.14 2.35 0.00	22.93 1.85 0.00	14.87 1.14 0.00	21.71 1.65 0.00	10.64 0.65 0.00	19.19 1.26 0.00	16.01 1.00 0.00	13.16 0.87 0.00	22.65 1.33 0.00	27.49 1.81 0.00	34.37 2.01 0.00	46.67 2.84 0.00	45.67 3.00 0.00	37.22 2.64 0.00	33.17 2.25 0.00	27.07 1.65 0.00
ISLIP_RES_REC 323679	99.00 2.87 -61.80	40.69 3.00 -4.79	30.29 2.73 3.20	26.93 2.48 4.13	28.06 2.52 3.61	28.51 2.62 4.62	28.40 2.51 4.25	26.90 2.27 2.92	23.14 1.93 2.57	18.91 1.78 3.94	12.36 1.17 2.55	20.27 1.67 1.47	8.13 0.86 2.71	17.35 1.54 2.12	14.99 1.29 1.31	15.74 1.20 -2.25	26.92 2.15 -3.45	30.24 2.56 -2.00	35.54 3.06 -0.12	43.39 3.57 4.00	54.35 3.79 -7.89	55.52 3.11 -17.83	38.05 2.99 -4.13	33.94 2.52 -6.00

JAMAICA__27_KV_LOAD 355505	36.14 1.82 0.00	34.65 1.75 0.00	32.39 1.64 0.00	30.18 1.60 0.00	30.81 1.66 0.00	32.28 1.77 0.00	31.87 1.73 0.00	23.52 1.64 5.67	25.21 1.42 0.00	22.39 1.31 0.00	14.57 0.84 0.00	21.30 1.25 0.00	10.65 0.66 0.00	19.10 1.17 0.00	16.04 1.03 0.00	13.20 0.91 0.00	22.94 1.62 0.00	27.64 1.95 0.00	34.62 2.25 0.00	46.34 2.52 0.00	45.10 2.43 0.00	37.01 2.00 -0.42	33.02 1.89 -0.20	27.10 1.67 -0.01
JANIS__SOLAR 323808	34.68 0.36 0.00	33.10 0.21 0.00	30.91 0.15 0.00	28.66 0.08 0.00	29.25 0.10 0.00	30.71 0.20 0.00	32.65 0.21 -2.30	35.72 0.14 -8.02	26.33 0.03 -2.51	22.29 -0.31 -1.53	13.61 -0.38 -0.26	21.06 -0.71 -1.71	9.98 -0.40 -0.39	19.42 -0.73 -2.21	16.48 -0.60 -2.07	13.60 -0.44 -1.76	23.20 -0.59 -2.47	27.99 -0.41 -2.72	33.79 -0.08 -1.51	44.62 0.80 0.00	43.89 1.23 0.00	35.95 0.87 -0.51	31.50 0.58 0.00	25.79 0.37 0.00
JARVIS____ 23743	34.23 -0.09 0.00	32.80 -0.10 0.00	30.66 -0.09 0.00	28.50 -0.07 0.00	29.09 -0.06 0.00	30.45 -0.05 0.00	30.10 -0.05 0.00	27.54 -0.02 0.00	23.78 0.00 0.00	21.07 -0.01 0.00	13.71 -0.01 0.00	20.04 -0.02 0.00	9.97 -0.02 0.00	17.90 -0.03 0.00	14.98 -0.03 0.00	12.26 -0.02 0.00	21.30 -0.02 0.00	25.67 -0.02 0.00	32.33 -0.03 0.00	43.77 -0.05 0.00	42.62 -0.04 0.00	34.55 -0.03 0.00	30.92 0.00 0.00	25.43 0.01 0.00
JENNISON____1 23625	34.22 -0.10 0.00	32.63 -0.27 0.00	30.42 -0.33 0.00	28.21 -0.37 0.00	28.90 -0.25 0.00	30.31 -0.19 0.00	30.49 -0.12 -0.47	28.74 0.02 -1.16	23.93 0.14 0.00	20.97 -0.10 0.00	13.50 -0.23 0.00	19.54 -0.52 0.00	9.65 -0.34 0.00	17.34 -0.59 0.00	14.55 -0.47 0.00	11.97 -0.31 0.00	20.88 -0.44 0.00	25.45 -0.24 0.00	32.42 0.05 0.00	44.58 0.76 0.00	43.76 1.09 0.00	35.42 0.74 -0.10	31.32 0.40 0.00	25.63 0.21 0.00
JENNISON____2 23626	34.22 -0.10 0.00	32.63 -0.27 0.00	30.42 -0.33 0.00	28.21 -0.37 0.00	28.90 -0.25 0.00	30.31 -0.19 0.00	30.49 -0.12 -0.47	28.74 0.02 -1.16	23.93 0.14 0.00	20.97 -0.10 0.00	13.50 -0.23 0.00	19.54 -0.52 0.00	9.65 -0.34 0.00	17.34 -0.59 0.00	14.55 -0.47 0.00	11.97 -0.31 0.00	20.88 -0.44 0.00	25.45 -0.24 0.00	32.42 0.05 0.00	44.58 0.76 0.00	43.76 1.09 0.00	35.42 0.74 -0.10	31.32 0.40 0.00	25.63 0.21 0.00
JERICOHO_RISE_WT_PWR 323719	34.90 0.57 0.00	33.52 0.62 0.00	31.35 0.59 0.00	29.06 0.49 0.00	29.59 0.44 0.00	30.85 0.34 0.00	30.49 0.34 0.00	27.80 0.24 0.00	23.93 0.15 0.00	21.20 0.12 0.00	13.84 0.11 0.00	20.21 0.15 0.00	10.03 0.05 0.00	18.04 0.10 0.00	15.08 0.07 0.00	12.30 0.01 0.00	21.32 0.00 0.00	25.61 -0.08 0.00	32.29 -0.07 0.00	43.88 0.05 0.00	42.46 -0.21 0.00	34.21 -0.38 0.00	30.59 -0.33 0.00	25.14 -0.28 0.00
KATONAH__115KV_46KV_TB4 355592	35.90 1.57 0.00	34.40 1.51 0.00	32.13 1.38 0.00	29.92 1.34 0.00	30.57 1.42 0.00	32.05 1.54 0.00	31.69 1.54 0.00	29.05 1.49 0.00	25.08 1.29 0.00	22.28 1.20 0.00	14.50 0.77 0.00	21.18 1.12 0.00	10.59 0.60 0.00	19.02 1.09 0.00	15.96 0.94 0.00	13.12 0.84 0.00	22.82 1.50 0.00	27.54 1.86 0.00	34.54 2.17 0.00	46.40 2.57 0.00	45.17 2.50 0.00	36.59 2.01 0.00	32.79 1.87 0.00	26.97 1.55 0.00
KCE_NY_1 323755	35.50 1.17 0.00	33.98 1.08 0.00	31.84 1.08 0.00	29.61 1.04 0.00	30.23 1.08 0.00	31.75 1.24 0.00	31.43 1.29 0.00	28.82 1.27 0.00	24.93 1.14 0.00	22.10 1.02 0.00	14.38 0.66 0.00	21.02 0.97 0.00	10.38 0.40 0.00	18.73 0.79 0.00	15.66 0.65 0.00	12.78 0.49 0.00	22.25 0.93 0.00	26.90 1.21 0.00	33.91 1.55 0.00	46.01 2.18 0.00	44.74 2.08 0.00	36.27 1.69 0.00	32.46 1.53 0.00	26.64 1.22 0.00
KCE_NY_6_ESR 323823	32.67 -1.65 0.00	31.24 -1.66 0.00	29.08 -1.67 0.00	26.87 -1.70 0.00	27.42 -1.74 0.00	28.63 -1.88 0.00	26.75 -2.46 0.94	12.06 -2.60 12.89	10.21 -2.28 11.30	12.26 -1.91 6.91	11.38 -1.17 1.18	10.81 -1.57 7.69	7.41 -0.80 1.77	6.44 -1.52 9.97	4.36 -1.31 9.35	3.39 -0.98 7.91	8.32 -1.86 11.14	11.11 -2.32 12.25	22.70 -2.86 6.81	39.85 -3.97 0.00	39.12 -3.55 0.00	31.58 -2.80 0.20	28.42 -2.50 0.00	23.36 -2.06 0.00
KEDC_PORT_JEFF_GT2 24210	107.88 2.74 -70.81	40.21 2.89 -4.43	29.84 2.62 3.53	26.48 2.38 4.47	27.66 2.42 3.91	28.04 2.53 5.00	27.96 2.41 4.59	26.51 2.17 3.22	22.81 1.85 2.83	18.46 1.72 4.33	12.06 1.14 2.81	20.05 1.62 1.63	7.82 0.84 3.00	17.10 1.50 2.34	14.77 1.26 1.50	15.40 1.17 -1.94	26.47 2.09 -3.06	29.63 2.47 -1.47	34.72 2.92 0.56	42.61 3.24 4.46	55.43 3.46 -9.31	59.56 2.95 -22.02	37.86 2.86 -4.07	33.27 2.42 -5.43
KEDC_PORT_JEFF_GT3 24211	107.88 2.74 -70.81	40.21 2.89 -4.43	29.84 2.62 3.53	26.48 2.38 4.47	27.66 2.42 3.91	28.04 2.53 5.00	27.96 2.41 4.59	26.51 2.17 3.22	22.81 1.85 2.83	18.46 1.72 4.33	12.06 1.14 2.81	20.05 1.62 1.63	7.82 0.84 3.00	17.10 1.50 2.34	14.77 1.26 1.50	15.40 1.17 -1.94	26.47 2.09 -3.06	29.63 2.47 -1.47	34.72 2.92 0.56	42.61 3.24 4.46	55.43 3.46 -9.31	59.56 2.95 -22.02	37.86 2.86 -4.07	33.27 2.42 -5.43
KEDC_GLWD_GT4 24219	49.88 2.03 -13.53	57.98 2.03 -23.06	43.00 1.85 -10.39	39.96 1.73 -9.66	39.38 1.80 -8.43	43.12 1.91 -10.70	41.22 1.87 -9.21	35.75 1.75 -6.44	30.98 1.53 -5.67	31.19 1.43 -8.68	20.57 0.94 -5.90	24.92 1.36 -3.50	17.10 0.72 -6.39	24.12 1.31 -4.88	21.00 1.12 -4.87	27.59 1.02 -14.28	42.14 1.80 -19.02	49.29 2.15 -21.45	59.57 2.49 -24.71	57.45 2.86 -10.77	67.49 2.88 -21.94	58.39 2.36 -21.44	55.21 2.22 -22.07	56.05 1.86 -28.77
KEDC_GLWD_GT5 24220	49.88 2.03 -13.53	57.98 2.03 -23.06	43.00 1.85 -10.39	39.96 1.73 -9.66	39.38 1.80 -8.43	43.12 1.91 -10.70	41.22 1.87 -9.21	35.75 1.75 -6.44	30.98 1.53 -5.67	31.19 1.43 -8.68	20.57 0.94 -5.90	24.92 1.36 -3.50	17.10 0.72 -6.39	24.12 1.31 -4.88	21.00 1.12 -4.87	27.59 1.02 -14.28	42.14 1.80 -19.02	49.29 2.15 -21.45	59.57 2.49 -24.71	57.45 2.86 -10.77	67.49 2.88 -21.94	58.39 2.36 -21.44	55.21 2.22 -22.07	56.05 1.86 -28.77
KENSICO____ 23655	35.91 1.58 0.00	34.42 1.52 0.00	32.13 1.37 0.00	29.90 1.32 0.00	30.53 1.38 0.00	32.01 1.50 0.00	31.65 1.51 0.00	29.01 1.45 0.00	25.03 1.25 0.00	22.24 1.15 0.00	14.47 0.74 0.00	21.14 1.09 0.00	10.57 0.59 0.00	19.00 1.07 0.00	15.94 0.93 0.00	13.12 0.83 0.00	22.81 1.49 0.00	27.51 1.82 0.00	34.48 2.12 0.00	46.29 2.47 0.00	45.06 2.40 0.00	36.50 1.92 0.00	32.72 1.80 0.00	26.93 1.51 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	36.16 1.83 0.00	34.62 1.73 0.00	32.31 1.56 0.00	30.07 1.50 0.00	30.72 1.57 0.00	32.20 1.70 0.00	31.86 1.72 0.00	29.16 1.61 0.00	25.15 1.36 0.00	22.30 1.23 0.00	14.48 0.75 0.00	21.16 1.10 0.00	10.53 0.55 0.00	18.92 0.98 0.00	15.84 0.83 0.00	13.03 0.74 0.00	22.68 1.35 0.00	27.47 1.78 0.00	34.62 2.26 0.00	46.69 2.87 0.00	45.50 2.83 0.00	36.84 2.26 0.00	32.97 2.04 0.00	27.08 1.66 0.00

KIAC_JFK_GT1 23816	35.96 1.63 0.00	34.48 1.58 0.00	32.23 1.47 0.00	30.02 1.45 0.00	30.66 1.51 0.00	32.12 1.62 0.00	31.72 1.57 0.00	23.38 1.49 5.67	25.09 1.30 0.00	22.28 1.21 0.00	14.50 0.77 0.00	21.20 1.14 0.00	10.59 0.61 0.00	19.02 1.08 0.00	15.97 0.95 0.00	13.14 0.85 0.00	22.81 1.49 0.00	27.41 1.72 0.00	34.32 1.96 0.00	45.94 2.12 0.00	44.71 2.04 0.00	36.68 1.68 -0.42	32.73 1.61 -0.20	26.95 1.52 -0.01
KIAC_JFK_GT2 23817	35.96 1.63 0.00	34.48 1.58 0.00	32.23 1.47 0.00	30.02 1.45 0.00	30.66 1.51 0.00	32.12 1.62 0.00	31.72 1.57 0.00	23.38 1.49 5.67	25.09 1.30 0.00	22.28 1.21 0.00	14.50 0.77 0.00	21.20 1.14 0.00	10.59 0.61 0.00	19.02 1.08 0.00	15.97 0.95 0.00	13.14 0.85 0.00	22.81 1.49 0.00	27.41 1.72 0.00	34.32 1.96 0.00	45.94 2.12 0.00	44.71 2.04 0.00	36.68 1.68 -0.42	32.73 1.61 -0.20	26.95 1.52 -0.01
KIAC_JFK____ 323774	35.97 1.64 0.00	34.48 1.58 0.00	32.23 1.48 0.00	30.03 1.45 0.00	30.66 1.51 0.00	32.12 1.62 0.00	31.72 1.57 0.00	23.37 1.49 5.67	25.08 1.30 0.00	22.28 1.20 0.00	14.50 0.77 0.00	21.21 1.15 0.00	10.59 0.61 0.00	19.02 1.08 0.00	15.97 0.95 0.00	13.13 0.85 0.00	22.81 1.49 0.00	27.41 1.72 0.00	34.32 1.96 0.00	45.95 2.12 0.00	44.71 2.04 0.00	36.71 1.70 -0.42	32.75 1.62 -0.20	26.94 1.52 -0.01
KINTIGH__24_KV_GSU 356498	32.35 -1.98 0.00	30.98 -1.92 0.00	28.87 -1.88 0.00	26.72 -1.86 0.00	27.23 -1.92 0.00	28.44 -2.07 0.00	26.93 -2.56 0.65	17.85 -2.74 6.96	15.70 -2.39 5.70	15.60 -2.00 3.48	11.95 -1.18 0.59	14.55 -1.64 3.87	8.27 -0.82 0.89	11.34 -1.57 5.02	8.97 -1.34 4.71	7.27 -1.03 3.98	13.77 -1.94 5.60	17.03 -2.49 6.17	25.92 -3.01 3.43	39.74 -4.08 0.00	38.94 -3.72 0.00	31.48 -2.95 0.14	28.23 -2.69 0.00	23.22 -2.20 0.00
KINTIGH____ 23543	32.32 -2.01 0.00	30.95 -1.95 0.00	28.85 -1.90 0.00	26.70 -1.88 0.00	27.20 -1.95 0.00	28.42 -2.09 0.00	26.90 -2.59 0.65	17.83 -2.76 6.96	15.68 -2.41 5.70	15.59 -2.01 3.48	11.94 -1.20 0.59	14.53 -1.66 3.87	8.26 -0.83 0.89	11.33 -1.59 5.02	8.96 -1.35 4.71	7.26 -1.04 3.98	13.75 -1.96 5.60	17.01 -2.51 6.17	25.90 -3.04 3.43	39.72 -4.11 0.00	38.91 -3.76 0.00	31.45 -2.99 0.14	28.20 -2.72 0.00	23.20 -2.22 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	35.24 0.91 0.00	33.84 0.94 0.00	31.69 0.94 0.00	29.39 0.82 0.00	29.92 0.77 0.00	31.20 0.69 0.00	30.80 0.65 0.00	28.13 0.57 0.00	24.18 0.40 0.00	21.40 0.33 0.00	13.96 0.23 0.00	20.44 0.38 0.00	10.13 0.15 0.00	18.23 0.30 0.00	15.22 0.21 0.00	12.40 0.11 0.00	21.50 0.18 0.00	25.86 0.17 0.00	32.56 0.19 0.00	44.33 0.51 0.00	42.95 0.28 0.00	34.63 0.05 0.00	30.94 0.02 0.00	25.39 -0.03 0.00
LACHUTE____HYDRO 323717	36.32 2.00 0.00	34.75 1.86 0.00	32.78 2.03 0.00	30.49 1.92 0.00	31.26 2.11 0.00	32.79 2.29 0.00	32.58 2.43 0.00	30.15 2.60 0.00	26.14 2.35 0.00	22.93 1.85 0.00	14.87 1.14 0.00	21.71 1.65 0.00	10.64 0.65 0.00	19.19 1.26 0.00	16.01 1.00 0.00	13.16 0.87 0.00	22.65 1.33 0.00	27.49 1.81 0.00	34.37 2.01 0.00	46.67 2.84 0.00	45.67 3.00 0.00	37.22 2.64 0.00	33.17 2.25 0.00	27.07 1.65 0.00
LAWRNCV_115KV_TB1 80681	34.45 0.12 0.00	33.08 0.18 0.00	30.89 0.14 0.00	28.62 0.05 0.00	29.15 -0.01 0.00	30.39 -0.12 0.00	30.13 -0.01 0.00	27.43 -0.12 0.00	23.60 -0.18 0.00	20.83 -0.25 0.00	13.56 -0.16 0.00	19.77 -0.28 0.00	9.83 -0.16 0.00	17.60 -0.33 0.00	14.69 -0.32 0.00	12.01 -0.28 0.00	20.84 -0.48 0.00	25.04 -0.65 0.00	31.73 -0.63 0.00	43.34 -0.48 0.00	41.95 -0.71 0.00	34.18 -0.40 0.00	30.61 -0.31 0.00	25.12 -0.30 0.00
LEDERLE____ 23769	35.92 1.59 0.00	34.41 1.51 0.00	32.10 1.35 0.00	29.88 1.30 0.00	30.53 1.38 0.00	32.02 1.51 0.00	31.67 1.52 0.00	29.01 1.46 0.00	25.04 1.25 0.00	22.23 1.15 0.00	14.47 0.74 0.00	21.15 1.09 0.00	10.57 0.59 0.00	19.00 1.07 0.00	15.94 0.93 0.00	13.12 0.83 0.00	22.83 1.50 0.00	27.57 1.88 0.00	34.57 2.20 0.00	46.43 2.60 0.00	45.19 2.52 0.00	36.57 1.99 0.00	32.77 1.85 0.00	26.93 1.51 0.00
LIGHTHSE_115KV_TB6 355974	33.43 -0.89 0.00	32.03 -0.87 0.00	29.92 -0.84 0.00	27.75 -0.83 0.00	28.28 -0.87 0.00	29.54 -0.97 0.00	29.25 -0.90 0.00	26.71 -0.85 0.00	22.90 -0.89 0.00	20.18 -0.90 0.00	13.11 -0.62 0.00	19.11 -0.95 0.00	9.50 -0.49 0.00	17.01 -0.92 0.00	14.20 -0.81 0.00	11.64 -0.65 0.00	20.18 -1.14 0.00	24.28 -1.41 0.00	30.75 -1.62 0.00	41.98 -1.84 0.00	41.01 -1.65 0.00	33.33 -1.25 0.00	30.09 -0.83 0.00	24.74 -0.69 0.00
LINDEN COGEN____ 23786	33.52 1.54 2.35	10.00 1.48 24.38	32.08 1.33 0.00	29.86 1.28 0.00	28.80 1.35 1.70	31.97 1.46 0.00	31.62 1.48 0.00	25.60 1.45 3.40	22.96 1.25 2.07	11.63 1.16 10.61	11.02 0.76 3.47	21.16 1.10 0.00	10.51 0.61 0.09	19.03 1.09 0.00	10.00 0.96 5.97	10.16 0.87 2.99	21.85 1.56 1.02	10.00 1.89 17.58	24.83 2.18 9.71	11.54 2.46 34.74	10.43 2.38 34.62	13.56 1.91 22.93	24.96 1.80 7.76	9.37 1.52 17.57
LINDHRST_69_KV_BK1 356055	47.59 2.51 -10.76	46.15 2.57 -10.68	35.28 2.35 -2.19	32.19 2.15 -1.46	32.65 2.22 -1.28	34.28 2.33 -1.44	32.81 2.23 -0.44	31.90 2.12 -2.22	27.57 1.83 -1.96	25.77 1.70 -3.00	17.00 1.11 -2.16	22.98 1.59 -1.33	13.20 0.83 -2.39	21.20 1.49 -1.78	18.33 1.26 -2.06	21.21 1.17 -7.75	33.77 2.07 -10.38	39.30 2.47 -11.14	47.33 2.88 -12.09	51.17 3.35 -4.00	57.43 3.47 -11.29	48.86 2.88 -11.40	45.24 2.76 -11.55	43.67 2.33 -15.92
LIPA_MISC_IPP 23656	112.83 2.81 -75.69	40.14 2.98 -4.26	29.78 2.71 3.68	26.37 2.42 4.63	27.56 2.45 4.04	27.87 2.54 5.17	27.83 2.44 4.75	26.38 2.20 3.37	22.69 1.87 2.96	18.26 1.72 4.54	11.91 1.13 2.95	19.95 1.60 1.71	7.66 0.82 3.15	16.96 1.47 2.45	14.64 1.23 1.60	15.23 1.17 -1.77	26.26 2.09 -2.85	29.39 2.51 -1.20	34.38 2.94 0.92	42.59 3.45 4.69	53.53 3.71 -7.15	54.95 3.05 -17.33	37.25 2.95 -3.38	33.04 2.50 -5.13
LISF____SOLAR 323691	111.03 2.87 -73.84	40.28 3.06 -4.32	29.91 2.78 3.62	26.50 2.49 4.57	27.68 2.53 3.99	28.01 2.61 5.11	27.95 2.50 4.69	26.49 2.25 3.31	22.77 1.90 2.91	18.34 1.73 4.46	11.97 1.15 2.90	20.00 1.62 1.68	7.72 0.84 3.10	17.01 1.49 2.41	14.70 1.25 1.57	15.29 1.18 -1.83	26.36 2.12 -2.92	29.50 2.51 -1.30	34.58 3.01 0.79	42.79 3.57 4.61	53.89 3.82 -7.41	55.50 3.12 -17.80	37.46 3.03 -3.51	33.20 2.54 -5.23
LITTLE FALLS____HYD 24013	33.88 -0.45 0.00	32.35 -0.54 0.00	30.28 -0.48 0.00	28.22 -0.35 0.00	28.84 -0.32 0.00	30.27 -0.24 0.00	29.92 -0.22 0.00	27.48 -0.08 0.00	23.78 -0.01 0.00	21.06 -0.02 0.00	13.68 -0.05 0.00	19.81 -0.25 0.00	9.66 -0.33 0.00	17.19 -0.74 0.00	14.24 -0.77 0.00	11.63 -0.66 0.00	20.29 -1.03 0.00	24.80 -0.88 0.00	31.54 -0.83 0.00	43.11 -0.72 0.00	42.19 -0.47 0.00	34.22 -0.36 0.00	30.66 -0.26 0.00	25.14 -0.28 0.00

LITTLRIV_115KV_TB1 356100	34.96 0.63 0.00	33.57 0.68 0.00	31.34 0.59 0.00	29.03 0.46 0.00	29.56 0.41 0.00	30.83 0.32 0.00	30.58 0.44 0.00	27.76 0.21 0.00	23.84 0.05 0.00	20.93 -0.14 0.00	13.61 -0.12 0.00	19.84 -0.21 0.00	9.87 -0.11 0.00	17.65 -0.28 0.00	14.73 -0.28 0.00	12.04 -0.25 0.00	20.92 -0.40 0.00	25.14 -0.55 0.00	31.91 -0.45 0.00	43.84 0.01 0.00	42.65 -0.02 0.00	34.73 0.14 0.00	31.07 0.15 0.00	25.47 0.05 0.00
LI_NEWBRDGE___DRP 323616	30.95 1.99 5.37	35.81 2.04 -0.88	25.89 1.86 6.72	22.51 1.72 7.78	24.13 1.78 6.80	23.73 1.89 8.66	24.21 1.79 7.72	23.86 1.66 5.35	20.53 1.45 4.71	15.26 1.39 7.21	9.88 0.92 4.77	18.58 1.31 2.79	5.56 0.70 5.12	15.24 1.26 3.96	13.17 1.07 2.91	12.91 1.01 0.39	23.18 1.73 -0.13	25.37 2.06 2.38	29.08 2.29 5.58	38.58 2.52 7.77	39.08 2.65 6.23	27.85 2.21 8.94	30.79 2.14 2.27	28.45 1.81 -1.22
LOCKPORT_115KV_TB60_63_64 80432	32.08 -2.25 0.00	30.69 -2.21 0.00	28.59 -2.17 0.00	26.44 -2.14 0.00	26.95 -2.20 0.00	28.17 -2.34 0.00	26.41 -2.96 0.78	14.99 -3.03 9.53	12.97 -2.68 8.14	13.81 -2.27 4.99	11.48 -1.39 0.85	12.65 -1.85 5.56	7.73 -0.97 1.28	8.93 -1.79 7.21	6.73 -1.53 6.76	5.38 -1.19 5.72	11.05 -2.22 8.05	14.01 -2.81 8.86	23.94 -3.50 4.92	38.93 -4.90 0.00	38.29 -4.38 0.00	31.04 -3.38 0.17	27.84 -3.08 0.00	22.87 -2.55 0.00
LOCKPORT___CC1 323769	32.08 -2.25 0.00	30.69 -2.20 0.00	28.59 -2.17 0.00	26.44 -2.14 0.00	26.95 -2.20 0.00	28.16 -2.35 0.00	26.39 -2.96 0.79	14.37 -3.05 10.14	12.36 -2.68 8.75	13.46 -2.26 5.36	11.42 -1.39 0.92	12.23 -1.86 5.97	7.64 -0.97 1.38	8.39 -1.80 7.74	6.22 -1.53 7.25	4.97 -1.18 6.14	10.46 -2.22 8.64	13.39 -2.79 9.51	23.60 -3.48 5.29	38.96 -4.86 0.00	38.28 -4.38 0.00	31.00 -3.40 0.17	27.83 -3.09 0.00	22.87 -2.55 0.00
LOCKPORT___CC2 323770	32.08 -2.25 0.00	30.69 -2.20 0.00	28.59 -2.17 0.00	26.44 -2.14 0.00	26.95 -2.20 0.00	28.16 -2.35 0.00	26.39 -2.96 0.79	14.37 -3.05 10.14	12.36 -2.68 8.75	13.46 -2.26 5.36	11.42 -1.39 0.92	12.23 -1.86 5.97	7.64 -0.97 1.38	8.39 -1.80 7.74	6.22 -1.53 7.25	4.97 -1.18 6.14	10.46 -2.22 8.64	13.39 -2.79 9.51	23.60 -3.48 5.29	38.96 -4.86 0.00	38.28 -4.38 0.00	31.00 -3.40 0.17	27.83 -3.09 0.00	22.87 -2.55 0.00
LOCKPORT___CC3 323771	32.08 -2.25 0.00	30.69 -2.20 0.00	28.59 -2.17 0.00	26.44 -2.14 0.00	26.95 -2.20 0.00	28.16 -2.35 0.00	26.39 -2.96 0.79	14.37 -3.05 10.14	12.36 -2.68 8.75	13.46 -2.26 5.36	11.42 -1.39 0.92	12.23 -1.86 5.97	7.64 -0.97 1.38	8.39 -1.80 7.74	6.22 -1.53 7.25	4.97 -1.18 6.14	10.46 -2.22 8.64	13.39 -2.79 9.51	23.60 -3.48 5.29	38.96 -4.86 0.00	38.28 -4.38 0.00	31.00 -3.40 0.17	27.83 -3.09 0.00	22.87 -2.55 0.00
LOCUSVLY_69_KV_BK2 55797	46.39 2.17 -9.89	53.63 2.19 -18.55	39.92 1.99 -7.18	36.83 1.84 -6.41	36.66 1.91 -5.60	39.62 2.02 -7.09	38.12 1.95 -6.02	33.70 1.83 -4.32	29.18 1.60 -3.80	28.41 1.52 -5.82	18.72 0.99 -4.00	23.88 1.43 -2.39	15.09 0.75 -4.35	22.60 1.37 -3.30	19.64 1.16 -3.47	24.78 1.07 -11.42	38.49 1.88 -15.29	44.79 2.25 -16.86	53.89 2.58 -18.94	54.18 2.95 -7.40	62.28 3.00 -16.61	52.79 2.49 -15.72	50.59 2.35 -17.32	50.68 1.97 -23.29
LONG_LAKE_PHOENIX 24014	33.33 -1.00 0.00	31.90 -0.99 0.00	29.81 -0.94 0.00	27.69 -0.88 0.00	28.25 -0.90 0.00	29.58 -0.93 0.00	29.16 -0.99 0.00	26.62 -0.93 0.00	22.94 -0.84 0.00	20.29 -0.79 0.00	13.20 -0.52 0.00	19.30 -0.76 0.00	9.60 -0.38 0.00	17.25 -0.69 0.00	14.43 -0.58 0.00	11.83 -0.46 0.00	20.52 -0.80 0.00	24.72 -0.97 0.00	31.20 -1.16 0.00	42.34 -1.49 0.00	41.31 -1.36 0.00	33.48 -1.11 0.00	29.93 -0.99 0.00	24.61 -0.81 0.00
LOVETT___3 23632	35.72 1.40 0.00	34.24 1.34 0.00	31.96 1.20 0.00	29.74 1.16 0.00	30.39 1.24 0.00	31.86 1.36 0.00	31.51 1.36 0.00	28.88 1.32 0.00	24.91 1.12 0.00	22.12 1.04 0.00	14.40 0.67 0.00	21.04 0.98 0.00	10.52 0.54 0.00	18.90 0.97 0.00	15.86 0.85 0.00	13.06 0.77 0.00	22.70 1.38 0.00	27.39 1.71 0.00	34.34 1.98 0.00	46.12 2.30 0.00	44.89 2.23 0.00	36.36 1.77 0.00	32.58 1.66 0.00	26.80 1.37 0.00
LOVETT___4 23642	35.72 1.40 0.00	34.24 1.34 0.00	31.96 1.20 0.00	29.74 1.16 0.00	30.39 1.24 0.00	31.86 1.36 0.00	31.51 1.36 0.00	28.88 1.32 0.00	24.91 1.12 0.00	22.12 1.04 0.00	14.40 0.67 0.00	21.04 0.98 0.00	10.52 0.54 0.00	18.90 0.97 0.00	15.86 0.85 0.00	13.06 0.77 0.00	22.70 1.38 0.00	27.39 1.71 0.00	34.34 1.98 0.00	46.12 2.30 0.00	44.89 2.23 0.00	36.36 1.77 0.00	32.58 1.66 0.00	26.80 1.37 0.00
LOVETT___5 23593	35.72 1.40 0.00	34.24 1.34 0.00	31.96 1.20 0.00	29.74 1.16 0.00	30.39 1.24 0.00	31.86 1.36 0.00	31.51 1.36 0.00	28.88 1.32 0.00	24.91 1.12 0.00	22.12 1.04 0.00	14.40 0.67 0.00	21.04 0.98 0.00	10.52 0.54 0.00	18.90 0.97 0.00	15.86 0.85 0.00	13.06 0.77 0.00	22.70 1.38 0.00	27.39 1.71 0.00	34.34 1.98 0.00	46.12 2.30 0.00	44.89 2.23 0.00	36.36 1.77 0.00	32.58 1.66 0.00	26.80 1.37 0.00
LOWER RAQUET___HYD 24057	34.28 -0.05 0.00	32.91 0.01 0.00	30.74 -0.02 0.00	28.47 -0.10 0.00	28.99 -0.16 0.00	30.23 -0.28 0.00	29.98 -0.16 0.00	27.28 -0.27 0.00	23.46 -0.32 0.00	20.68 -0.40 0.00	13.46 -0.26 0.00	19.62 -0.44 0.00	9.75 -0.24 0.00	17.46 -0.48 0.00	14.57 -0.45 0.00	11.90 -0.38 0.00	20.67 -0.65 0.00	24.83 -0.86 0.00	31.48 -0.89 0.00	43.04 -0.79 0.00	41.69 -0.98 0.00	33.96 -0.62 0.00	30.44 -0.49 0.00	24.97 -0.45 0.00
LOWER___HUDSON 24059	34.90 0.57 0.00	33.44 0.55 0.00	31.36 0.61 0.00	29.22 0.65 0.00	29.83 0.68 0.00	31.30 0.79 0.00	30.98 0.84 0.00	28.46 0.91 0.00	24.60 0.81 0.00	21.82 0.74 0.00	14.22 0.49 0.00	20.76 0.70 0.00	10.31 0.33 0.00	18.56 0.62 0.00	15.54 0.53 0.00	12.68 0.40 0.00	22.04 0.72 0.00	26.61 0.93 0.00	33.47 1.11 0.00	45.32 1.49 0.00	44.06 1.40 0.00	35.73 1.15 0.00	32.03 1.11 0.00	26.33 0.91 0.00
LOWVILLE_115KV_TB2 356335	34.16 -0.17 0.00	32.82 -0.08 0.00	30.63 -0.12 0.00	28.30 -0.28 0.00	28.83 -0.32 0.00	29.92 -0.59 0.00	29.90 -0.24 0.00	27.44 -0.12 0.00	23.47 -0.31 0.00	20.47 -0.61 0.00	13.22 -0.50 0.00	19.16 -0.90 0.00	9.48 -0.51 0.00	16.95 -0.99 0.00	14.09 -0.92 0.00	11.59 -0.70 0.00	20.15 -1.17 0.00	24.16 -1.53 0.00	30.73 -1.63 0.00	42.09 -1.74 0.00	40.91 -1.75 0.00	33.27 -1.32 0.00	30.52 -0.41 0.00	25.11 -0.31 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	35.47 1.14 0.00	33.95 1.06 0.00	31.82 1.07 0.00	29.61 1.04 0.00	30.24 1.09 0.00	31.74 1.23 0.00	31.42 1.28 0.00	28.83 1.28 0.00	24.93 1.14 0.00	22.09 1.01 0.00	14.38 0.66 0.00	21.00 0.94 0.00	10.38 0.40 0.00	18.72 0.78 0.00	15.66 0.65 0.00	12.78 0.49 0.00	22.22 0.90 0.00	26.87 1.19 0.00	33.90 1.54 0.00	45.96 2.13 0.00	44.72 2.06 0.00	36.25 1.66 0.00	32.44 1.52 0.00	26.64 1.22 0.00

LUTHERNY_35_KV_BK2 355980	35.50 1.17 0.00	33.98 1.08 0.00	31.83 1.08 0.00	29.61 1.04 0.00	30.23 1.08 0.00	31.75 1.24 0.00	31.44 1.29 0.00	28.82 1.27 0.00	24.93 1.14 0.00	22.10 1.02 0.00	14.38 0.66 0.00	21.02 0.97 0.00	10.38 0.40 0.00	18.72 0.79 0.00	15.66 0.65 0.00	12.78 0.49 0.00	22.25 0.93 0.00	26.90 1.21 0.00	33.91 1.55 0.00	46.01 2.19 0.00	44.75 2.08 0.00	36.27 1.69 0.00	32.46 1.53 0.00	26.65 1.22 0.00
LWR___OSWEGATCHIE_HYD 23850	33.84 -0.49 0.00	32.50 -0.39 0.00	30.34 -0.42 0.00	28.08 -0.50 0.00	28.59 -0.57 0.00	29.75 -0.76 0.00	29.60 -0.55 0.00	27.02 -0.54 0.00	23.14 -0.65 0.00	20.27 -0.80 0.00	13.15 -0.58 0.00	19.10 -0.96 0.00	9.47 -0.51 0.00	16.94 -0.99 0.00	14.11 -0.90 0.00	11.57 -0.71 0.00	20.10 -1.22 0.00	24.14 -1.55 0.00	30.67 -1.69 0.00	42.05 -1.78 0.00	40.84 -1.83 0.00	33.24 -1.34 0.00	30.13 -0.79 0.00	24.74 -0.68 0.00
LYONS_FALL_HYD 23570	34.39 0.06 0.00	32.98 0.09 0.00	30.81 0.05 0.00	28.51 -0.07 0.00	29.07 -0.08 0.00	30.28 -0.23 0.00	30.13 -0.01 0.00	27.61 0.06 0.00	23.70 -0.08 0.00	20.76 -0.31 0.00	13.44 -0.29 0.00	19.52 -0.54 0.00	9.67 -0.31 0.00	17.32 -0.62 0.00	14.44 -0.58 0.00	11.86 -0.43 0.00	20.62 -0.70 0.00	24.81 -0.87 0.00	31.51 -0.85 0.00	42.98 -0.85 0.00	41.82 -0.85 0.00	33.95 -0.63 0.00	30.83 -0.09 0.00	25.35 -0.07 0.00
MADISON___COUNTY_LFGE 323628	34.75 0.43 0.00	33.26 0.36 0.00	31.05 0.30 0.00	28.82 0.25 0.00	29.44 0.29 0.00	30.81 0.30 0.00	30.47 0.32 0.00	27.86 0.31 0.00	24.00 0.21 0.00	21.11 0.03 0.00	13.67 -0.06 0.00	19.93 -0.13 0.00	9.90 -0.09 0.00	17.76 -0.17 0.00	14.85 -0.16 0.00	12.19 -0.09 0.00	21.19 -0.13 0.00	25.61 -0.07 0.00	32.47 0.11 0.00	44.19 0.36 0.00	43.17 0.50 0.00	34.96 0.38 0.00	31.31 0.39 0.00	25.72 0.30 0.00
MALONE___115KV_TB1 356076	34.96 0.63 0.00	33.56 0.66 0.00	31.36 0.60 0.00	29.06 0.48 0.00	29.59 0.44 0.00	30.85 0.34 0.00	30.54 0.40 0.00	27.86 0.30 0.00	24.00 0.22 0.00	21.25 0.17 0.00	13.85 0.13 0.00	20.21 0.15 0.00	10.03 0.05 0.00	17.98 0.05 0.00	15.02 0.01 0.00	12.25 -0.04 0.00	21.23 -0.09 0.00	25.48 -0.20 0.00	32.23 -0.13 0.00	43.92 0.09 0.00	42.58 -0.09 0.00	34.40 -0.18 0.00	30.76 -0.16 0.00	25.24 -0.18 0.00
MAPLEWOD_115KV_TB3 80458	34.84 0.52 0.00	33.39 0.49 0.00	31.28 0.53 0.00	29.16 0.58 0.00	29.76 0.61 0.00	31.23 0.72 0.00	30.90 0.75 0.00	28.36 0.80 0.00	24.50 0.71 0.00	21.74 0.66 0.00	14.17 0.44 0.00	20.68 0.62 0.00	10.28 0.30 0.00	18.50 0.56 0.00	15.50 0.49 0.00	12.65 0.36 0.00	21.98 0.66 0.00	26.55 0.87 0.00	33.40 1.04 0.00	45.14 1.31 0.00	43.93 1.26 0.00	35.63 1.05 0.00	31.94 1.02 0.00	26.28 0.86 0.00
MAPLE_RIDGE_WT_1 323574	34.25 -0.07 0.00	32.89 -0.01 0.00	30.75 0.00 0.00	28.52 -0.06 0.00	29.00 -0.15 0.00	30.23 -0.28 0.00	30.02 -0.12 0.00	27.46 -0.10 0.00	23.73 -0.06 0.00	20.98 -0.10 0.00	13.65 -0.08 0.00	19.88 -0.17 0.00	9.87 -0.11 0.00	17.74 -0.20 0.00	14.86 -0.16 0.00	12.17 -0.12 0.00	21.12 -0.20 0.00	25.31 -0.38 0.00	31.89 -0.48 0.00	43.25 -0.57 0.00	41.90 -0.77 0.00	34.00 -0.58 0.00	30.60 -0.33 0.00	25.28 -0.14 0.00
MAPLE_RIDGE_WT_2 323611	34.25 -0.07 0.00	32.89 -0.01 0.00	30.75 0.00 0.00	28.52 -0.06 0.00	29.00 -0.15 0.00	30.23 -0.28 0.00	30.02 -0.12 0.00	27.46 -0.10 0.00	23.73 -0.06 0.00	20.98 -0.10 0.00	13.65 -0.08 0.00	19.88 -0.17 0.00	9.87 -0.11 0.00	17.74 -0.20 0.00	14.86 -0.16 0.00	12.17 -0.12 0.00	21.12 -0.20 0.00	25.31 -0.38 0.00	31.89 -0.48 0.00	43.25 -0.57 0.00	41.90 -0.77 0.00	34.00 -0.58 0.00	30.60 -0.33 0.00	25.28 -0.14 0.00
MARBLE_RIVER_WT_PWR 323696	34.93 0.61 0.00	33.54 0.64 0.00	31.38 0.63 0.00	29.11 0.53 0.00	29.63 0.48 0.00	30.89 0.38 0.00	30.51 0.37 0.00	27.82 0.27 0.00	23.95 0.16 0.00	21.21 0.13 0.00	13.83 0.10 0.00	20.22 0.16 0.00	10.03 0.05 0.00	18.05 0.12 0.00	15.10 0.08 0.00	12.31 0.02 0.00	21.34 0.02 0.00	25.64 -0.04 0.00	32.34 -0.02 0.00	43.92 0.10 0.00	42.49 -0.17 0.00	34.24 -0.34 0.00	30.60 -0.32 0.00	25.16 -0.27 0.00
MARSHVLE_115KV_TB1 80742	35.82 1.49 0.00	34.31 1.41 0.00	32.00 1.24 0.00	29.65 1.08 0.00	30.18 1.03 0.00	31.54 1.03 0.00	31.19 1.05 0.00	28.38 0.82 0.00	24.53 0.74 0.00	21.63 0.55 0.00	14.03 0.30 0.00	20.30 0.24 0.00	10.06 0.07 0.00	18.17 0.24 0.00	15.19 0.18 0.00	12.44 0.15 0.00	21.67 0.35 0.00	26.16 0.47 0.00	33.45 1.09 0.00	46.13 2.30 0.00	45.16 2.50 0.00	36.67 2.08 0.00	32.75 1.83 0.00	26.79 1.36 0.00
MARSH_HILL_WT_PWR 323713	32.63 -1.69 0.00	30.92 -1.98 0.00	28.56 -2.20 0.00	26.23 -2.35 0.00	26.79 -2.36 0.00	28.18 -2.33 0.00	25.45 -2.47 2.23	53.06 -2.43 -27.93	57.33 -2.13 -35.67	40.97 -1.88 -21.77	16.12 -1.33 -3.72	42.27 -2.03 -24.24	14.56 -1.02 -5.59	47.64 -1.74 -31.45	43.01 -1.48 -29.47	36.10 -1.13 -24.94	54.33 -2.11 -35.11	61.93 -2.39 -38.63	51.04 -2.79 -21.46	40.85 -2.97 0.00	40.57 -2.09 0.00	32.39 -1.70 0.49	29.26 -1.66 0.00	23.97 -1.45 0.00
MCINTYRE_115KV_TB2 80467	35.38 1.06 0.00	33.98 1.08 0.00	31.71 0.96 0.00	29.38 0.80 0.00	29.91 0.76 0.00	31.22 0.71 0.00	30.94 0.80 0.00	28.05 0.49 0.00	24.08 0.30 0.00	21.15 0.07 0.00	13.77 0.04 0.00	20.08 0.02 0.00	9.99 0.00 0.00	17.88 -0.06 0.00	14.92 -0.09 0.00	12.20 -0.09 0.00	21.18 -0.14 0.00	25.46 -0.23 0.00	32.28 -0.08 0.00	44.35 0.53 0.00	43.26 0.59 0.00	35.23 0.64 0.00	31.47 0.55 0.00	25.79 0.37 0.00
MECO_____69_KV_BK1 80468	36.09 1.76 0.00	34.57 1.67 0.00	32.26 1.51 0.00	29.96 1.39 0.00	30.52 1.37 0.00	31.94 1.43 0.00	31.59 1.45 0.00	28.80 1.25 0.00	24.89 1.11 0.00	21.97 0.89 0.00	14.22 0.49 0.00	20.59 0.53 0.00	10.05 0.06 0.00	18.08 0.15 0.00	15.09 0.08 0.00	12.33 0.05 0.00	21.48 0.15 0.00	26.01 0.33 0.00	33.50 1.13 0.00	46.39 2.56 0.00	45.50 2.83 0.00	36.93 2.35 0.00	32.97 2.05 0.00	26.99 1.57 0.00
MENANDS___115KV_TB5 355628	34.65 0.33 0.00	33.22 0.32 0.00	31.15 0.39 0.00	29.03 0.46 0.00	29.64 0.48 0.00	31.09 0.58 0.00	30.76 0.62 0.00	28.24 0.69 0.00	24.39 0.61 0.00	21.65 0.57 0.00	14.11 0.38 0.00	20.60 0.54 0.00	10.25 0.27 0.00	18.45 0.51 0.00	15.46 0.45 0.00	12.62 0.33 0.00	21.93 0.61 0.00	26.48 0.79 0.00	33.27 0.91 0.00	44.92 1.09 0.00	43.68 1.02 0.00	35.44 0.86 0.00	31.79 0.87 0.00	26.16 0.74 0.00
MG INDUSTRY___DRP 24185	34.84 0.51 0.00	33.39 0.49 0.00	31.30 0.54 0.00	29.17 0.59 0.00	29.77 0.61 0.00	31.20 0.70 0.00	30.85 0.71 0.00	28.28 0.73 0.00	24.40 0.62 0.00	21.63 0.55 0.00	14.08 0.35 0.00	20.53 0.47 0.00	10.19 0.21 0.00	18.34 0.41 0.00	15.36 0.34 0.00	12.53 0.25 0.00	21.78 0.45 0.00	26.32 0.63 0.00	33.22 0.85 0.00	44.95 1.12 0.00	43.76 1.09 0.00	35.49 0.91 0.00	31.82 0.90 0.00	26.18 0.76 0.00

MID___OSWEGATCHIE_HYD 23849	33.84 -0.49 0.00	32.50 -0.39 0.00	30.34 -0.42 0.00	28.08 -0.50 0.00	28.59 -0.57 0.00	29.75 -0.76 0.00	29.60 -0.55 0.00	27.02 -0.54 0.00	23.14 -0.65 0.00	20.27 -0.80 0.00	13.15 -0.58 0.00	19.10 -0.96 0.00	9.47 -0.51 0.00	16.94 -0.99 0.00	14.11 -0.90 0.00	11.57 -0.71 0.00	20.10 -1.22 0.00	24.14 -1.55 0.00	30.67 -1.69 0.00	42.05 -1.78 0.00	40.84 -1.83 0.00	33.24 -1.34 0.00	30.13 -0.79 0.00	24.74 -0.68 0.00
MID___RAQUETTE_HYD 23851	34.28 -0.05 0.00	32.91 0.01 0.00	30.74 -0.02 0.00	28.47 -0.10 0.00	28.99 -0.16 0.00	30.23 -0.28 0.00	29.98 -0.16 0.00	27.28 -0.27 0.00	23.46 -0.32 0.00	20.68 -0.39 0.00	13.46 -0.26 0.00	19.62 -0.44 0.00	9.75 -0.24 0.00	17.45 -0.48 0.00	14.57 -0.45 0.00	11.90 -0.38 0.00	20.67 -0.65 0.00	24.83 -0.86 0.00	31.48 -0.89 0.00	43.04 -0.79 0.00	41.69 -0.98 0.00	33.96 -0.62 0.00	30.43 -0.49 0.00	24.97 -0.45 0.00
MILLIKEN___1 23584	34.41 0.09 0.00	32.90 0.00 0.00	30.72 -0.03 0.00	28.48 -0.10 0.00	29.06 -0.09 0.00	30.45 -0.06 0.00	32.78 -0.13 -2.76	36.70 -0.18 -9.33	26.24 -0.24 -2.69	22.36 -0.36 -1.64	13.69 -0.32 -0.28	21.40 -0.48 -1.83	10.17 -0.24 -0.42	19.88 -0.43 -2.37	16.88 -0.36 -2.22	13.89 -0.27 -1.88	23.55 -0.42 -2.65	28.21 -0.39 -2.91	33.70 -0.28 -1.62	43.83 0.00 0.00	42.89 0.22 0.00	35.33 0.14 -0.61	30.98 0.06 0.00	25.41 -0.01 0.00
MILLIKEN___2 23585	34.41 0.09 0.00	32.90 0.00 0.00	30.72 -0.03 0.00	28.48 -0.10 0.00	29.06 -0.09 0.00	30.45 -0.06 0.00	32.78 -0.13 -2.76	36.70 -0.18 -9.33	26.24 -0.24 -2.69	22.36 -0.36 -1.64	13.69 -0.32 -0.28	21.40 -0.48 -1.83	10.17 -0.24 -0.42	19.88 -0.43 -2.37	16.88 -0.36 -2.22	13.89 -0.27 -1.88	23.55 -0.42 -2.65	28.21 -0.39 -2.91	33.70 -0.28 -1.62	43.83 0.00 0.00	42.89 0.22 0.00	35.33 0.14 -0.61	30.98 0.06 0.00	25.41 -0.01 0.00
MILLIKEN___DIESEL 23629	34.41 0.09 0.00	32.90 0.00 0.00	30.72 -0.03 0.00	28.48 -0.10 0.00	29.06 -0.09 0.00	30.45 -0.06 0.00	32.78 -0.13 -2.76	36.70 -0.18 -9.33	26.24 -0.24 -2.69	22.36 -0.36 -1.64	13.69 -0.32 -0.28	21.40 -0.48 -1.83	10.17 -0.24 -0.42	19.88 -0.43 -2.37	16.88 -0.36 -2.22	13.89 -0.27 -1.88	23.55 -0.42 -2.65	28.21 -0.39 -2.91	33.70 -0.28 -1.62	43.83 0.00 0.00	42.89 0.22 0.00	35.33 0.14 -0.61	30.98 0.06 0.00	25.41 -0.01 0.00
MILLSEAT___LFGE 323607	32.81 -1.52 0.00	31.37 -1.53 0.00	29.22 -1.54 0.00	27.03 -1.55 0.00	27.56 -1.59 0.00	28.83 -1.68 0.00	27.17 -2.25 0.73	17.23 -2.43 7.90	15.00 -2.25 6.54	15.17 -1.90 4.01	11.82 -1.22 0.68	13.96 -1.64 4.46	8.10 -0.86 1.03	10.53 -1.62 5.79	8.21 -1.38 5.42	6.64 -1.06 4.59	12.88 -1.98 6.46	16.14 -2.44 7.11	25.49 -2.93 3.95	39.98 -3.85 0.00	39.41 -3.26 0.00	31.90 -2.52 0.16	28.60 -2.33 0.00	23.46 -1.96 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	35.83 1.50 0.00	34.34 1.45 0.00	32.06 1.30 0.00	29.83 1.26 0.00	30.48 1.33 0.00	31.95 1.44 0.00	31.60 1.45 0.00	28.95 1.40 0.00	24.98 1.20 0.00	22.18 1.11 0.00	14.44 0.71 0.00	21.10 1.04 0.00	10.55 0.56 0.00	18.96 1.02 0.00	15.91 0.89 0.00	13.09 0.80 0.00	22.75 1.43 0.00	27.46 1.77 0.00	34.42 2.06 0.00	46.24 2.41 0.00	45.00 2.33 0.00	36.45 1.86 0.00	32.67 1.75 0.00	26.88 1.45 0.00
MILLWOOD_13_KV_LOAD 356217	35.87 1.55 0.00	34.39 1.49 0.00	32.09 1.34 0.00	29.87 1.29 0.00	30.51 1.36 0.00	31.99 1.48 0.00	31.63 1.48 0.00	28.98 1.43 0.00	25.01 1.22 0.00	22.21 1.13 0.00	14.45 0.72 0.00	21.12 1.06 0.00	10.56 0.57 0.00	18.98 1.04 0.00	15.92 0.91 0.00	13.09 0.81 0.00	22.78 1.45 0.00	27.48 1.80 0.00	34.46 2.10 0.00	46.29 2.47 0.00	45.06 2.39 0.00	36.50 1.92 0.00	32.71 1.78 0.00	26.91 1.49 0.00
MODEL_CITY_ENERGY 24167	31.77 -2.55 0.00	30.41 -2.49 0.00	28.32 -2.44 0.00	26.20 -2.38 0.00	26.69 -2.45 0.00	27.91 -2.60 0.00	26.13 -3.21 0.80	14.42 -3.21 9.93	12.46 -2.81 8.52	13.46 -2.39 5.24	11.35 -1.49 0.89	12.27 -1.96 5.83	7.61 -1.03 1.35	8.49 -1.88 7.56	6.32 -1.60 7.09	5.05 -1.23 6.00	10.56 -2.32 8.44	13.47 -2.92 9.29	23.48 -3.73 5.16	38.52 -5.31 0.00	37.86 -4.81 0.00	30.70 -3.71 0.17	27.56 -3.36 0.00	22.65 -2.77 0.00
MODERN_LFGE___ 323580	31.77 -2.55 0.00	30.41 -2.49 0.00	28.32 -2.44 0.00	26.20 -2.38 0.00	26.69 -2.45 0.00	27.91 -2.60 0.00	26.13 -3.21 0.80	14.42 -3.21 9.93	12.46 -2.81 8.52	13.46 -2.39 5.24	11.35 -1.49 0.89	12.27 -1.96 5.83	7.61 -1.03 1.35	8.49 -1.88 7.56	6.32 -1.60 7.09	5.05 -1.23 6.00	10.56 -2.32 8.44	13.47 -2.92 9.29	23.48 -3.73 5.16	38.52 -5.31 0.00	37.86 -4.81 0.00	30.70 -3.71 0.17	27.56 -3.36 0.00	22.65 -2.77 0.00
MOHAWK_PAPER___DRP 24187	34.84 0.52 0.00	33.39 0.49 0.00	31.28 0.53 0.00	29.16 0.58 0.00	29.76 0.61 0.00	31.23 0.72 0.00	30.90 0.75 0.00	28.36 0.80 0.00	24.50 0.71 0.00	21.74 0.66 0.00	14.17 0.44 0.00	20.68 0.62 0.00	10.28 0.30 0.00	18.50 0.56 0.00	15.50 0.49 0.00	12.65 0.36 0.00	21.98 0.66 0.00	26.55 0.87 0.00	33.40 1.04 0.00	45.14 1.31 0.00	43.93 1.26 0.00	35.63 1.05 0.00	31.94 1.02 0.00	26.28 0.86 0.00
MOHICAN___35_KV_115KV_LD 80490	35.58 1.26 0.00	34.05 1.15 0.00	31.96 1.20 0.00	29.75 1.17 0.00	30.40 1.25 0.00	31.91 1.40 0.00	31.62 1.47 0.00	29.10 1.54 0.00	25.19 1.41 0.00	22.27 1.19 0.00	14.49 0.76 0.00	21.15 1.10 0.00	10.41 0.43 0.00	18.79 0.86 0.00	15.72 0.71 0.00	12.83 0.54 0.00	22.27 0.95 0.00	26.95 1.27 0.00	34.02 1.65 0.00	46.15 2.33 0.00	44.95 2.28 0.00	36.46 1.88 0.00	32.58 1.66 0.00	26.71 1.29 0.00
MONGAUP___HYD 23641	35.51 1.18 0.00	34.00 1.10 0.00	31.73 0.98 0.00	29.53 0.95 0.00	30.17 1.02 0.00	31.63 1.12 0.00	31.34 1.19 0.00	28.64 1.08 0.00	24.59 0.80 0.00	21.74 0.66 0.00	14.06 0.34 0.00	20.55 0.49 0.00	10.26 0.28 0.00	18.43 0.50 0.00	15.46 0.44 0.00	12.70 0.41 0.00	22.08 0.76 0.00	26.68 0.99 0.00	33.50 1.13 0.00	45.34 1.51 0.00	44.31 1.65 0.00	35.91 1.32 0.00	32.13 1.20 0.00	26.39 0.96 0.00
MONTAUK___DIESEL 23721	112.87 3.54 -75.00	41.01 3.84 -4.28	30.49 3.39 3.66	26.53 2.57 4.61	27.46 2.33 4.03	27.25 1.89 5.15	27.35 1.93 4.73	25.89 1.68 3.35	22.22 1.38 2.95	17.81 1.25 4.51	11.61 0.81 2.93	19.43 1.07 1.70	7.43 0.58 3.13	16.51 1.01 2.44	14.39 0.96 1.59	15.25 1.17 -1.79	26.39 2.19 -2.88	29.26 2.34 -1.23	34.02 2.53 0.88	42.76 3.59 4.66	54.59 4.66 -7.26	56.10 3.99 -17.53	38.09 3.73 -3.43	33.66 3.07 -5.17
MOONROAD_115KV_HARTFLD_TB1-2 355988	33.06 -1.26 0.00	31.61 -1.29 0.00	29.41 -1.34 0.00	27.11 -1.46 0.00	27.86 -1.29 0.00	29.16 -1.34 0.00	27.18 -1.93 1.03	14.95 -2.25 10.36	13.48 -1.97 8.34	14.42 -1.56 5.09	12.00 -0.86 0.87	13.28 -1.11 5.67	8.01 -0.66 1.31	9.16 -1.41 7.36	6.96 -1.16 6.90	5.61 -0.83 5.84	11.39 -1.71 8.22	13.97 -2.23 9.48	24.63 -2.51 5.23	40.46 -3.37 0.00	39.50 -3.16 0.00	31.66 -2.70 0.23	28.79 -2.14 0.00	23.83 -1.59 0.00

MORRIS_RIDGE___SOLAR 323848	32.68 -1.64 0.00	31.12 -1.78 0.00	28.90 -1.86 0.00	26.66 -1.92 0.00	27.23 -1.92 0.00	28.49 -2.02 0.00	26.30 -2.36 1.48	-26.92 -2.40 52.07	-30.11 -2.22 51.68	-12.48 -2.01 31.55	6.99 -1.35 5.39	-16.99 -1.93 35.12	0.92 -0.96 8.10	-29.35 -1.71 45.57	-29.13 -1.44 42.70	-24.97 -1.12 36.14	-31.56 -2.01 50.87	-32.51 -2.26 55.94	-1.44 -2.73 31.08	40.62 -3.21 0.00	40.05 -2.61 0.00	32.08 -2.18 0.33	28.92 -2.00 0.00	23.77 -1.65 0.00
MORTIMER_115KV_TB3 55949	33.02 -1.31 0.00	31.59 -1.30 0.00	29.46 -1.30 0.00	27.30 -1.28 0.00	27.83 -1.32 0.00	29.11 -1.40 0.00	27.83 -1.77 0.54	24.27 -1.94 1.34	22.06 -1.73 0.00	19.61 -1.47 0.00	12.84 -0.89 0.00	18.81 -1.25 0.00	9.36 -0.62 0.00	16.74 -1.19 0.00	14.00 -1.01 0.00	11.50 -0.78 0.00	19.88 -1.45 0.00	23.89 -1.80 0.00	30.29 -2.08 0.00	41.15 -2.68 0.00	40.26 -2.40 0.00	32.55 -1.92 0.12	29.13 -1.80 0.00	23.92 -1.50 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	36.09 1.77 0.00	34.60 1.70 0.00	32.30 1.55 0.00	30.06 1.48 0.00	30.69 1.54 0.00	32.16 1.66 0.00	31.81 1.67 0.00	29.17 1.62 0.00	25.19 1.41 0.00	22.38 1.30 0.00	14.57 0.84 0.00	21.28 1.22 0.00	10.65 0.66 0.00	19.13 1.20 0.00	16.05 1.03 0.00	13.21 0.93 0.00	22.97 1.65 0.00	27.69 2.00 0.00	34.67 2.31 0.00	46.53 2.70 0.00	45.27 2.61 0.00	36.69 2.11 0.00	32.90 1.98 0.00	27.11 1.68 -0.01
MUNSVILLE_WIND_PWR 323609	34.86 0.54 0.00	33.20 0.30 0.00	31.03 0.27 0.00	28.77 0.19 0.00	29.36 0.21 0.00	30.98 0.47 0.00	32.11 0.58 -1.38	33.42 0.63 -5.23	26.44 0.71 -1.95	22.46 0.19 -1.19	13.83 -0.10 -0.20	20.88 -0.50 -1.32	9.93 -0.36 -0.30	18.97 -0.68 -1.72	16.07 -0.55 -1.61	13.29 -0.36 -1.36	22.94 -0.30 -1.92	27.86 0.06 -2.11	34.14 0.60 -1.17	45.93 2.10 0.00	45.29 2.62 0.00	36.71 1.82 -0.30	32.19 1.27 0.00	26.28 0.85 0.00
N SALMON___HYD 24042	34.96 0.63 0.00	33.56 0.66 0.00	31.35 0.60 0.00	29.06 0.48 0.00	29.59 0.45 0.00	30.85 0.34 0.00	30.54 0.39 0.00	27.86 0.31 0.00	24.00 0.22 0.00	21.25 0.17 0.00	13.85 0.13 0.00	20.21 0.15 0.00	10.03 0.05 0.00	17.98 0.05 0.00	15.02 0.01 0.00	12.25 -0.04 0.00	21.23 -0.09 0.00	25.48 -0.20 0.00	32.23 -0.13 0.00	43.92 0.09 0.00	42.58 -0.09 0.00	34.41 -0.17 0.00	30.76 -0.16 0.00	25.24 -0.18 0.00
N.AKRON__115KV_KNAPP 355671	32.74 -1.59 0.00	31.30 -1.60 0.00	29.15 -1.61 0.00	26.97 -1.61 0.00	27.50 -1.65 0.00	28.76 -1.75 0.00	27.07 -2.33 0.74	16.65 -2.50 8.41	14.46 -2.29 7.04	14.81 -1.95 4.32	11.77 -1.22 0.74	13.63 -1.63 4.80	8.03 -0.85 1.11	10.09 -1.61 6.23	7.80 -1.38 5.84	6.28 -1.06 4.94	12.38 -1.98 6.96	15.57 -2.46 7.66	25.14 -2.97 4.25	39.88 -3.95 0.00	39.27 -3.39 0.00	31.82 -2.60 0.16	28.51 -2.41 0.00	23.40 -2.02 0.00
N.E_GEN_SANDY PD 24062	34.83 0.56 0.06	33.46 0.57 0.00	31.42 0.66 0.00	29.28 0.70 0.00	29.88 0.72 0.00	31.39 0.88 0.00	31.08 0.93 0.00	28.57 1.02 0.00	30.11 0.91 -5.41	32.05 0.85 -10.12	28.97 0.56 -14.68	22.82 0.80 -1.96	12.67 0.41 -2.28	23.56 0.75 -4.88	18.35 0.64 -2.69	14.02 0.49 -1.25	22.20 0.88 0.00	26.81 1.10 -0.03	33.60 1.24 0.00	45.68 1.66 -0.19	40.74 1.53 3.45	37.25 1.25 -1.42	32.09 1.23 0.06	26.44 1.02 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	35.79 1.47 0.00	34.30 1.40 0.00	32.00 1.25 0.00	29.79 1.21 0.00	30.44 1.29 0.00	31.91 1.40 0.00	31.56 1.42 0.00	28.92 1.37 0.00	24.95 1.16 0.00	22.15 1.07 0.00	14.41 0.69 0.00	21.07 1.01 0.00	10.54 0.55 0.00	18.93 1.00 0.00	15.88 0.87 0.00	13.07 0.79 0.00	22.74 1.42 0.00	27.46 1.77 0.00	34.43 2.07 0.00	46.24 2.41 0.00	45.01 2.34 0.00	36.43 1.85 0.00	32.64 1.72 0.00	26.84 1.41 0.00
N.QUEENS_27_KV_LOAD 356247	36.04 1.72 0.00	34.51 1.61 0.00	32.25 1.49 0.00	29.97 1.39 0.00	30.60 1.45 0.00	32.04 1.53 0.00	31.69 1.54 0.00	29.07 1.51 0.00	25.10 1.32 0.00	22.29 1.22 0.00	14.51 0.78 0.00	21.19 1.14 0.00	10.62 0.63 0.00	19.10 1.17 0.00	16.03 1.02 0.00	13.21 0.92 0.00	22.95 1.63 0.00	27.63 1.94 0.00	34.55 2.19 0.00	46.39 2.58 0.01	45.15 2.49 0.01	36.82 2.00 -0.24	32.88 1.85 -0.11	27.06 1.63 -0.01
N.TROY___115KV_TB1 355778	34.90 0.58 0.00	33.44 0.55 0.00	31.37 0.61 0.00	29.22 0.64 0.00	29.83 0.68 0.00	31.30 0.79 0.00	30.98 0.84 0.00	28.46 0.91 0.00	24.60 0.81 0.00	21.82 0.75 0.00	14.22 0.49 0.00	20.76 0.70 0.00	10.31 0.33 0.00	18.56 0.62 0.00	15.54 0.53 0.00	12.68 0.40 0.00	22.04 0.72 0.00	26.62 0.93 0.00	33.47 1.11 0.00	45.31 1.49 0.00	44.06 1.40 0.00	35.72 1.14 0.00	32.03 1.11 0.00	26.33 0.91 0.00
NARROWS_GT1_1 24228	36.27 1.94 0.00	34.74 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.40 0.00	14.61 0.88 0.00	21.35 1.29 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.72 0.00	27.76 2.07 0.00	39.68 2.41 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
NARROWS_GT1_2 24229	36.27 1.94 0.00	34.74 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.40 0.00	14.61 0.88 0.00	21.35 1.29 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.72 0.00	27.76 2.07 0.00	39.68 2.41 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
NARROWS_GT1_3 24230	36.27 1.94 0.00	34.74 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.40 0.00	14.61 0.88 0.00	21.35 1.29 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.72 0.00	27.76 2.07 0.00	39.68 2.41 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
NARROWS_GT1_4 24231	36.27 1.94 0.00	34.74 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.40 0.00	14.61 0.88 0.00	21.35 1.29 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.72 0.00	27.76 2.07 0.00	39.68 2.41 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
NARROWS_GT1_5 24232	36.27 1.94 0.00	34.74 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.40 0.00	14.61 0.88 0.00	21.35 1.29 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.72 0.00	27.76 2.07 0.00	39.68 2.41 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01

NARROWS_GT1_6 24233	36.27 1.94 0.00	34.74 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.40 0.00	14.61 0.88 0.00	21.35 1.29 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.72 0.00	27.76 2.07 0.00	39.68 2.41 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
NARROWS_GT1_7 24234	36.27 1.94 0.00	34.74 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.40 0.00	14.61 0.88 0.00	21.35 1.29 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.72 0.00	27.76 2.07 0.00	39.68 2.41 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
NARROWS_GT1_8 24235	36.27 1.94 0.00	34.74 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.40 0.00	14.61 0.88 0.00	21.35 1.29 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.72 0.00	27.76 2.07 0.00	39.68 2.41 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
NARROWS_GT2_1 24236	36.27 1.94 0.00	34.74 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.40 0.00	14.61 0.88 0.00	21.35 1.29 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.72 0.00	27.76 2.07 0.00	39.68 2.41 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
NARROWS_GT2_2 24237	36.27 1.94 0.00	34.74 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.40 0.00	14.61 0.88 0.00	21.35 1.29 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.72 0.00	27.76 2.07 0.00	39.68 2.41 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
NARROWS_GT2_3 24238	36.27 1.94 0.00	34.74 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.40 0.00	14.61 0.88 0.00	21.35 1.29 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.72 0.00	27.76 2.07 0.00	39.68 2.41 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
NARROWS_GT2_4 24239	36.27 1.94 0.00	34.74 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.40 0.00	14.61 0.88 0.00	21.35 1.29 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.72 0.00	27.76 2.07 0.00	39.68 2.41 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
NARROWS_GT2_5 24240	36.27 1.94 0.00	34.74 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.40 0.00	14.61 0.88 0.00	21.35 1.29 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.72 0.00	27.76 2.07 0.00	39.68 2.41 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
NARROWS_GT2_6 24241	36.27 1.94 0.00	34.74 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.40 0.00	14.61 0.88 0.00	21.35 1.29 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.72 0.00	27.76 2.07 0.00	39.68 2.41 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
NARROWS_GT2_7 24242	36.27 1.94 0.00	34.74 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.40 0.00	14.61 0.88 0.00	21.35 1.29 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.72 0.00	27.76 2.07 0.00	39.68 2.41 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
NARROWS_GT2_8 24243	36.27 1.94 0.00	34.74 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.40 0.00	14.61 0.88 0.00	21.35 1.29 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.72 0.00	27.76 2.07 0.00	39.68 2.41 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	35.30 0.98 0.00	33.79 0.89 0.00	31.67 0.91 0.00	29.52 0.94 0.00	30.13 0.98 0.00	31.60 1.09 0.00	31.28 1.13 0.00	28.69 1.14 0.00	24.78 1.00 0.00	21.99 0.91 0.00	14.26 0.53 0.00	20.80 0.74 0.00	10.32 0.34 0.00	18.50 0.57 0.00	15.50 0.48 0.00	12.63 0.35 0.00	21.98 0.66 0.00	26.62 0.93 0.00	33.63 1.27 0.00	45.63 1.80 0.00	44.51 1.84 0.00	36.09 1.51 0.00	32.33 1.41 0.00	26.56 1.13 0.00
NCHELSEA_115KV_TR2 355582	35.98 1.66 0.00	34.48 1.58 0.00	32.20 1.44 0.00	29.97 1.39 0.00	30.63 1.48 0.00	32.10 1.60 0.00	31.75 1.61 0.00	29.10 1.54 0.00	25.12 1.33 0.00	22.29 1.22 0.00	14.50 0.78 0.00	21.19 1.13 0.00	10.57 0.59 0.00	19.01 1.07 0.00	15.94 0.92 0.00	13.10 0.81 0.00	22.80 1.48 0.00	27.55 1.87 0.00	34.60 2.24 0.00	46.53 2.70 0.00	45.31 2.64 0.00	36.70 2.12 0.00	32.86 1.94 0.00	27.02 1.60 0.00
NEG CAPITAL___MECHNVIL 23645	35.48 1.16 0.00	33.97 1.08 0.00	31.84 1.09 0.00	29.64 1.07 0.00	30.26 1.11 0.00	31.77 1.26 0.00	31.44 1.29 0.00	28.86 1.31 0.00	24.96 1.17 0.00	22.13 1.05 0.00	14.41 0.68 0.00	21.03 0.97 0.00	10.40 0.42 0.00	18.76 0.82 0.00	15.70 0.68 0.00	12.80 0.51 0.00	22.26 0.93 0.00	26.92 1.24 0.00	33.96 1.60 0.00	46.03 2.20 0.00	44.79 2.12 0.00	36.29 1.71 0.00	32.49 1.56 0.00	26.68 1.26 0.00
NEG CENTRAL_HIGH_ACRES 23767	32.62 -1.71 0.00	31.21 -1.68 0.00	29.12 -1.63 0.00	26.99 -1.58 0.00	27.54 -1.61 0.00	28.81 -1.70 0.00	27.78 -1.98 0.39	24.53 -2.07 0.96	21.94 -1.85 0.00	19.47 -1.61 0.00	12.71 -1.02 0.00	18.61 -1.45 0.00	9.26 -0.72 0.00	16.57 -1.36 0.00	13.87 -1.15 0.00	11.39 -0.89 0.00	19.71 -1.61 0.00	23.76 -1.93 0.00	30.12 -2.25 0.00	40.90 -2.92 0.00	39.98 -2.69 0.00	32.32 -2.18 0.09	28.90 -2.02 0.00	23.74 -1.68 0.00



NEG CENTRAL___DRP 24199	33.67 -0.65 0.00	32.19 -0.71 0.00	30.03 -0.72 0.00	27.83 -0.75 0.00	28.40 -0.75 0.00	29.73 -0.78 0.00	28.64 -0.91 0.60	28.30 -0.94 -1.69	26.28 -0.89 -3.38	22.29 -0.86 -2.07	13.49 -0.59 -0.35	21.50 -0.86 -2.30	10.09 -0.42 -0.53	20.17 -0.75 -2.98	17.18 -0.63 -2.80	14.16 -0.49 -2.37	23.80 -0.85 -3.33	28.39 -0.97 -3.66	33.29 -1.11 -2.04	42.61 -1.21 0.00	41.69 -0.98 0.00	33.63 -0.82 0.13	30.13 -0.79 0.00	24.73 -0.69 0.00
NEG CENTRAL___INDECK 23768	33.78 -0.55 0.00	32.18 -0.71 0.00	29.91 -0.85 0.00	27.64 -0.94 0.00	28.22 -0.93 0.00	29.57 -0.94 0.00	27.53 -1.27 1.35	56.99 -1.59 -31.02	58.76 -1.68 -36.66	41.96 -1.49 -22.37	16.57 -0.98 -3.82	43.56 -1.41 -24.90	15.03 -0.71 -5.75	48.96 -1.29 -32.32	44.21 -1.09 -30.28	37.10 -0.82 -25.63	55.89 -1.51 -36.08	63.62 -1.74 -39.67	52.44 -1.97 -22.04	41.86 -1.97 0.00	41.50 -1.17 0.00	33.37 -0.91 0.30	29.95 -0.97 0.00	24.56 -0.86 0.00
NEG CENTRAL___SENECA 23627	33.67 -0.66 0.00	32.15 -0.75 0.00	29.98 -0.78 0.00	27.76 -0.81 0.00	28.33 -0.82 0.00	29.67 -0.84 0.00	28.00 -1.01 1.14	28.71 -1.08 -2.23	28.11 -1.05 -5.37	23.35 -1.00 -3.28	13.61 -0.68 -0.56	22.72 -0.99 -3.65	10.34 -0.49 -0.84	21.79 -0.88 -4.74	18.71 -0.74 -4.44	15.48 -0.56 -3.76	25.61 -1.00 -5.29	30.38 -1.13 -5.81	34.36 -1.23 -3.23	42.51 -1.32 0.00	41.64 -1.03 0.00	33.44 -0.89 0.25	30.06 -0.87 0.00	24.66 -0.76 0.00
NEG CENTRAL___STATE_STREET 24147	34.01 -0.32 0.00	32.54 -0.36 0.00	30.36 -0.40 0.00	28.12 -0.46 0.00	28.67 -0.48 0.00	30.03 -0.48 0.00	29.90 -0.57 -0.32	27.74 -0.62 -0.80	23.25 -0.54 0.00	20.53 -0.55 0.00	13.29 -0.44 0.00	19.43 -0.63 0.00	9.69 -0.29 0.00	17.42 -0.52 0.00	14.58 -0.43 0.00	11.92 -0.37 0.00	20.75 -0.57 0.00	25.08 -0.60 0.00	31.63 -0.74 0.00	43.13 -0.69 0.00	42.19 -0.48 0.00	34.25 -0.40 -0.07	30.53 -0.39 0.00	24.99 -0.43 0.00
NEG MILLWOOD___DRP 24198	36.03 1.71 0.00	34.52 1.62 0.00	32.25 1.49 0.00	30.02 1.44 0.00	30.67 1.52 0.00	32.15 1.65 0.00	31.80 1.66 0.00	29.15 1.60 0.00	25.17 1.38 0.00	22.35 1.28 0.00	14.55 0.82 0.00	21.25 1.19 0.00	10.61 0.63 0.00	19.06 1.13 0.00	15.99 0.98 0.00	13.15 0.86 0.00	22.87 1.55 0.00	27.62 1.93 0.00	34.66 2.30 0.00	46.61 2.78 0.00	45.38 2.71 0.00	36.75 2.17 0.00	32.92 2.00 0.00	27.06 1.64 0.00
NEG NORTH_FLCN_SEA 23793	35.23 0.91 0.00	33.86 0.96 0.00	31.73 0.97 0.00	29.43 0.85 0.00	29.96 0.81 0.00	31.25 0.74 0.00	30.83 0.69 0.00	28.13 0.58 0.00	24.18 0.40 0.00	21.39 0.31 0.00	13.96 0.23 0.00	20.44 0.39 0.00	10.13 0.15 0.00	18.25 0.31 0.00	15.25 0.24 0.00	12.42 0.14 0.00	21.54 0.22 0.00	25.92 0.23 0.00	32.62 0.26 0.00	44.37 0.54 0.00	42.95 0.28 0.00	34.64 0.06 0.00	30.94 0.02 0.00	25.41 -0.02 0.00
NEG NORTH_KES_CHATEGAY 23792	34.98 0.65 0.00	33.59 0.70 0.00	31.42 0.67 0.00	29.13 0.56 0.00	29.65 0.50 0.00	30.92 0.41 0.00	30.56 0.42 0.00	27.85 0.30 0.00	23.98 0.20 0.00	21.24 0.16 0.00	13.86 0.13 0.00	20.23 0.17 0.00	10.04 0.06 0.00	18.04 0.10 0.00	15.08 0.07 0.00	12.30 0.01 0.00	21.32 0.00 0.00	25.61 -0.08 0.00	32.30 -0.07 0.00	43.92 0.10 0.00	42.55 -0.11 0.00	34.31 -0.27 0.00	30.68 -0.24 0.00	25.21 -0.21 0.00
NEG NORTH___ALICE_FALLS 23915	35.24 0.91 0.00	33.84 0.94 0.00	31.69 0.94 0.00	29.39 0.82 0.00	29.92 0.77 0.00	31.20 0.69 0.00	30.80 0.65 0.00	28.13 0.57 0.00	24.18 0.40 0.00	21.40 0.33 0.00	13.96 0.23 0.00	20.44 0.38 0.00	10.13 0.15 0.00	18.23 0.30 0.00	15.22 0.21 0.00	12.40 0.11 0.00	21.50 0.18 0.00	25.86 0.17 0.00	32.56 0.19 0.00	44.33 0.51 0.00	42.95 0.28 0.00	34.63 0.05 0.00	30.94 0.02 0.00	25.39 -0.03 0.00
NEG NORTH___LWR_SARANAC 23913	35.24 0.91 0.00	33.84 0.94 0.00	31.69 0.94 0.00	29.39 0.82 0.00	29.92 0.77 0.00	31.20 0.69 0.00	30.80 0.65 0.00	28.13 0.57 0.00	24.18 0.40 0.00	21.40 0.33 0.00	13.96 0.23 0.00	20.44 0.38 0.00	10.13 0.15 0.00	18.23 0.30 0.00	15.22 0.21 0.00	12.40 0.11 0.00	21.50 0.18 0.00	25.86 0.17 0.00	32.56 0.19 0.00	44.33 0.51 0.00	42.95 0.28 0.00	34.63 0.05 0.00	30.94 0.02 0.00	25.39 -0.03 0.00
NEG NORTH___PLATTSBURG 23628	35.23 0.91 0.00	33.84 0.94 0.00	31.69 0.94 0.00	29.39 0.81 0.00	29.92 0.77 0.00	31.20 0.69 0.00	30.80 0.65 0.00	28.13 0.57 0.00	24.18 0.40 0.00	21.40 0.33 0.00	13.96 0.23 0.00	20.44 0.38 0.00	10.13 0.15 0.00	18.23 0.30 0.00	15.22 0.21 0.00	12.40 0.11 0.00	21.50 0.18 0.00	25.86 0.17 0.00	32.56 0.19 0.00	44.33 0.51 0.00	42.95 0.28 0.00	34.64 0.05 0.00	30.94 0.02 0.00	25.39 -0.03 0.00
NEG WEST_LEA_LOCKPORT 23791	32.09 -2.24 0.00	30.70 -2.20 0.00	28.59 -2.16 0.00	26.45 -2.13 0.00	26.95 -2.20 0.00	28.16 -2.35 0.00	26.39 -2.96 0.79	14.35 -3.07 10.14	12.34 -2.70 8.75	13.43 -2.29 5.36	11.42 -1.39 0.92	12.23 -1.87 5.97	7.64 -0.97 1.38	8.38 -1.81 7.74	6.22 -1.54 7.25	4.96 -1.19 6.14	10.44 -2.23 8.64	13.34 -2.83 9.51	23.57 -3.51 5.29	38.96 -4.86 0.00	38.29 -4.38 0.00	31.03 -3.38 0.17	27.84 -3.09 0.00	22.87 -2.55 0.00
NEG WEST___LANCASTER 23811	33.02 -1.30 0.00	31.57 -1.33 0.00	29.41 -1.35 0.00	27.18 -1.40 0.00	27.70 -1.45 0.00	28.93 -1.58 0.00	27.07 -2.09 0.99	14.56 -2.08 10.91	12.93 -1.81 9.04	14.03 -1.51 5.53	11.86 -0.92 0.94	12.73 -1.17 6.15	7.95 -0.62 1.42	8.81 -1.14 7.99	6.54 -0.99 7.49	5.22 -0.73 6.34	10.98 -1.43 8.92	14.06 -1.83 9.80	24.61 -2.31 5.45	40.55 -3.28 0.00	39.72 -2.94 0.00	32.04 -2.32 0.22	28.79 -2.13 0.00	23.68 -1.74 0.00
NEG_PENN_ALLEGHNY 23528	34.09 -0.23 0.00	32.58 -0.31 0.00	30.44 -0.31 0.00	28.23 -0.35 0.00	28.81 -0.34 0.00	30.17 -0.34 0.00	29.25 -0.44 0.45	26.04 -0.40 1.11	23.42 -0.36 0.00	20.73 -0.35 0.00	13.48 -0.24 0.00	19.73 -0.33 0.00	9.83 -0.16 0.00	17.67 -0.27 0.00	14.79 -0.23 0.00	12.14 -0.14 0.00	21.06 -0.26 0.00	25.42 -0.27 0.00	32.06 -0.30 0.00	43.41 -0.42 0.00	42.34 -0.33 0.00	34.15 -0.33 0.10	30.64 -0.28 0.00	25.20 -0.22 0.00
NEG___GEN_MONROE 24207	33.16 -1.16 0.00	31.74 -1.15 0.00	29.58 -1.17 0.00	27.40 -1.17 0.00	27.94 -1.21 0.00	29.22 -1.29 0.00	27.91 -1.69 0.55	22.88 -1.89 2.78	20.53 -1.74 1.52	18.65 -1.50 0.93	12.65 -0.92 0.16	17.75 -1.28 1.03	9.10 -0.65 0.24	15.36 -1.24 1.34	12.71 -1.05 1.26	10.41 -0.81 1.06	18.33 -1.49 1.50	22.17 -1.87 1.65	29.31 -2.14 0.91	41.14 -2.68 0.00	40.36 -2.31 0.00	32.64 -1.82 0.12	29.20 -1.72 0.00	23.99 -1.43 0.00
NEPA___ENERGY 23901	32.99 -1.33 0.00	31.44 -1.46 0.00	29.32 -1.43 0.00	27.06 -1.51 0.00	27.69 -1.46 0.00	28.93 -1.58 0.00	27.10 -2.06 0.99	13.66 -2.10 11.80	11.97 -1.83 9.99	13.45 -1.52 6.10	11.80 -0.88 1.04	12.12 -1.15 6.79	7.82 -0.60 1.57	7.96 -1.16 8.81	5.76 -1.00 8.26	4.60 -0.69 6.99	10.12 -1.36 9.84	13.13 -1.70 10.86	24.18 -2.16 6.03	40.68 -3.15 0.00	39.77 -2.90 0.00	31.94 -2.42 0.22	28.83 -2.09 0.00	23.75 -1.67 0.00

NEVERSINK___HYD 23608	36.14 1.82 0.00	34.59 1.70 0.00	32.29 1.53 0.00	30.05 1.47 0.00	30.70 1.55 0.00	32.17 1.67 0.00	31.82 1.68 0.00	29.12 1.56 0.00	25.10 1.31 0.00	22.26 1.18 0.00	14.45 0.72 0.00	21.12 1.06 0.00	10.52 0.53 0.00	18.88 0.95 0.00	15.82 0.81 0.00	13.00 0.71 0.00	22.63 1.31 0.00	27.40 1.71 0.00	34.54 2.18 0.00	46.60 2.78 0.00	45.38 2.71 0.00	36.76 2.18 0.00	32.88 1.96 0.00	27.02 1.60 0.00
NEWKRMKL_115KV_TB1 55635	34.55 0.23 0.00	33.12 0.22 0.00	31.06 0.30 0.00	28.94 0.36 0.00	29.54 0.39 0.00	30.97 0.46 0.00	30.65 0.50 0.00	28.13 0.58 0.00	24.29 0.51 0.00	21.56 0.48 0.00	14.05 0.32 0.00	20.51 0.45 0.00	10.20 0.22 0.00	18.36 0.43 0.00	15.39 0.38 0.00	12.56 0.27 0.00	21.83 0.51 0.00	26.37 0.68 0.00	33.16 0.79 0.00	44.73 0.90 0.00	43.51 0.84 0.00	35.29 0.71 0.00	31.67 0.75 0.00	26.05 0.63 0.00
NEWTON___FALLS_HYD 23847	33.84 -0.49 0.00	32.50 -0.39 0.00	30.34 -0.42 0.00	28.08 -0.50 0.00	28.59 -0.57 0.00	29.75 -0.76 0.00	29.60 -0.55 0.00	27.02 -0.54 0.00	23.14 -0.65 0.00	20.27 -0.80 0.00	13.15 -0.58 0.00	19.10 -0.96 0.00	9.47 -0.51 0.00	16.94 -0.99 0.00	14.11 -0.90 0.00	11.57 -0.71 0.00	20.10 -1.22 0.00	24.14 -1.55 0.00	30.67 -1.69 0.00	42.05 -1.78 0.00	40.84 -1.83 0.00	33.24 -1.34 0.00	30.13 -0.79 0.00	24.74 -0.68 0.00
NGRID_A1_DSASP 323792	31.66 -2.67 0.00	30.32 -2.58 0.00	28.24 -2.51 0.00	26.12 -2.45 0.00	26.63 -2.53 0.00	27.79 -2.72 0.00	26.01 -3.33 0.80	13.91 -3.41 10.23	12.01 -2.97 8.80	13.21 -2.49 5.37	11.29 -1.52 0.92	12.04 -2.03 5.98	7.58 -1.02 1.38	8.22 -1.95 7.76	6.08 -1.66 7.27	4.84 -1.29 6.16	10.23 -2.42 8.66	13.08 -3.07 9.53	23.22 -3.84 5.30	38.43 -5.40 0.00	37.70 -4.97 0.00	30.51 -3.90 0.18	27.39 -3.53 0.00	22.51 -2.91 0.00
NGRID_A2_DSASP 323793	31.66 -2.67 0.00	30.32 -2.58 0.00	28.24 -2.51 0.00	26.12 -2.45 0.00	26.63 -2.53 0.00	27.79 -2.72 0.00	26.01 -3.33 0.80	13.91 -3.41 10.23	12.01 -2.97 8.80	13.21 -2.49 5.37	11.29 -1.52 0.92	12.04 -2.03 5.98	7.58 -1.02 1.38	8.22 -1.95 7.76	6.08 -1.66 7.27	4.84 -1.29 6.16	10.23 -2.42 8.66	13.08 -3.07 9.53	23.22 -3.84 5.30	38.43 -5.40 0.00	37.70 -4.97 0.00	30.51 -3.90 0.18	27.39 -3.53 0.00	22.51 -2.91 0.00
NGRID_A4_DSASP 323807	31.66 -2.67 0.00	30.32 -2.58 0.00	28.24 -2.51 0.00	26.12 -2.45 0.00	26.63 -2.53 0.00	27.79 -2.72 0.00	26.01 -3.33 0.80	13.91 -3.41 10.23	12.01 -2.97 8.80	13.21 -2.49 5.37	11.29 -1.52 0.92	12.04 -2.03 5.98	7.58 -1.02 1.38	8.22 -1.95 7.76	6.08 -1.66 7.27	4.84 -1.29 6.16	10.23 -2.42 8.66	13.08 -3.07 9.53	23.22 -3.84 5.30	38.43 -5.40 0.00	37.70 -4.97 0.00	30.51 -3.90 0.18	27.39 -3.53 0.00	22.51 -2.91 0.00
NIAGARA_115E_LBMP 323715	31.61 -2.72 0.00	30.26 -2.64 0.00	28.17 -2.58 0.00	26.06 -2.51 0.00	26.57 -2.59 0.00	27.77 -2.74 0.00	25.98 -3.35 0.81	14.12 -3.31 10.12	12.19 -2.89 8.70	13.27 -2.46 5.36	11.28 -1.53 0.91	12.08 -2.02 5.96	7.54 -1.07 1.38	8.27 -1.93 7.73	6.13 -1.64 7.25	4.89 -1.27 6.13	10.30 -2.38 8.63	13.18 -3.01 9.50	23.23 -3.86 5.28	38.28 -5.55 0.00	37.61 -5.05 0.00	30.51 -3.89 0.17	27.40 -3.52 0.00	22.53 -2.90 0.00
NIAGARA_115W_LBMP 323714	31.56 -2.77 0.00	30.23 -2.67 0.00	28.16 -2.60 0.00	26.04 -2.53 0.00	26.54 -2.61 0.00	27.71 -2.80 0.00	25.93 -3.41 0.80	13.93 -3.46 10.16	12.05 -3.01 8.73	13.22 -2.53 5.33	11.26 -1.56 0.91	12.05 -2.07 5.93	7.58 -1.04 1.37	8.25 -1.99 7.70	6.11 -1.69 7.21	4.87 -1.31 6.10	10.27 -2.46 8.60	13.12 -3.11 9.46	23.19 -3.92 5.25	38.30 -5.52 0.00	37.57 -5.09 0.00	30.41 -3.99 0.18	27.31 -3.62 0.00	22.44 -2.98 0.00
NIAGARA_230_LBMP 323716	31.87 -2.46 0.00	30.52 -2.38 0.00	28.43 -2.32 0.00	26.30 -2.28 0.00	26.80 -2.35 0.00	27.98 -2.53 0.00	26.24 -3.13 0.78	14.52 -3.30 9.74	12.59 -2.87 8.33	13.60 -2.39 5.08	11.42 -1.44 0.87	12.43 -1.97 5.65	7.69 -0.99 1.31	8.71 -1.89 7.34	6.53 -1.61 6.87	5.23 -1.24 5.82	10.79 -2.34 8.19	13.71 -2.97 9.01	23.70 -3.65 5.01	38.79 -5.04 0.00	38.03 -4.63 0.00	30.75 -3.66 0.17	27.62 -3.30 0.00	22.71 -2.71 0.00
NIAGARA___115KV_198_GIBSON 55903	31.57 -2.76 0.00	30.23 -2.67 0.00	28.16 -2.60 0.00	26.05 -2.53 0.00	26.54 -2.61 0.00	27.72 -2.79 0.00	25.93 -3.41 0.80	13.91 -3.48 10.16	12.02 -3.03 8.73	13.19 -2.56 5.33	11.26 -1.55 0.91	12.05 -2.08 5.93	7.57 -1.04 1.37	8.24 -2.00 7.70	6.10 -1.70 7.21	4.86 -1.32 6.10	10.25 -2.47 8.60	13.07 -3.16 9.46	23.17 -3.94 5.25	38.31 -5.52 0.00	37.59 -5.08 0.00	30.44 -3.97 0.18	27.31 -3.62 0.00	22.44 -2.98 0.00
NIAGARA____ 23760	31.87 -2.46 0.00	30.52 -2.38 0.00	28.43 -2.32 0.00	26.30 -2.28 0.00	26.80 -2.35 0.00	27.98 -2.53 0.00	26.23 -3.13 0.78	14.43 -3.30 9.82	12.50 -2.87 8.42	13.55 -2.39 5.14	11.41 -1.44 0.88	12.36 -1.97 5.73	7.67 -0.99 1.32	8.61 -1.89 7.43	6.44 -1.61 6.97	5.14 -1.24 5.91	10.69 -2.34 8.29	13.61 -2.97 9.12	23.65 -3.65 5.06	38.79 -5.04 0.00	38.03 -4.63 0.00	30.75 -3.66 0.17	27.62 -3.30 0.00	22.71 -2.71 0.00
NINE_MILE_1 23575	33.12 -1.20 0.00	31.72 -1.18 0.00	29.64 -1.11 0.00	27.53 -1.05 0.00	28.08 -1.07 0.00	29.40 -1.11 0.00	28.99 -1.16 0.00	26.48 -1.08 0.00	22.86 -0.92 0.00	20.24 -0.83 0.00	13.18 -0.55 0.00	19.27 -0.79 0.00	9.59 -0.40 0.00	17.22 -0.71 0.00	14.42 -0.60 0.00	11.81 -0.47 0.00	20.47 -0.85 0.00	24.64 -1.05 0.00	31.03 -1.34 0.00	42.06 -1.77 0.00	41.01 -1.66 0.00	33.23 -1.35 0.00	29.72 -1.21 0.00	24.45 -0.97 0.00
NINE_MILE_2 23744	33.13 -1.20 0.00	31.72 -1.17 0.00	29.64 -1.11 0.00	27.54 -1.04 0.00	28.09 -1.06 0.00	29.40 -1.10 0.00	28.99 -1.15 0.00	26.48 -1.08 0.00	22.87 -0.92 0.00	20.25 -0.83 0.00	13.18 -0.55 0.00	19.27 -0.79 0.00	9.59 -0.39 0.00	17.22 -0.71 0.00	14.42 -0.59 0.00	11.81 -0.47 0.00	20.47 -0.85 0.00	24.64 -1.05 0.00	31.03 -1.33 0.00	42.06 -1.77 0.00	41.01 -1.65 0.00	33.24 -1.34 0.00	29.72 -1.21 0.00	24.45 -0.97 0.00
NM_CAPITAL___DRP 24208	34.59 0.26 0.00	33.15 0.25 0.00	31.09 0.34 0.00	28.98 0.41 0.00	29.58 0.43 0.00	31.03 0.52 0.00	30.70 0.56 0.00	28.19 0.63 0.00	24.34 0.56 0.00	21.61 0.53 0.00	14.08 0.36 0.00	20.56 0.50 0.00	10.23 0.25 0.00	18.41 0.48 0.00	15.43 0.42 0.00	12.59 0.31 0.00	21.89 0.56 0.00	26.43 0.74 0.00	33.21 0.84 0.00	44.81 0.98 0.00	43.59 0.92 0.00	35.36 0.78 0.00	31.73 0.81 0.00	26.11 0.69 0.00
NM_CENTRAL___DRP 24181	33.69 -0.63 0.00	32.24 -0.66 0.00	30.13 -0.63 0.00	27.97 -0.61 0.00	28.54 -0.61 0.00	29.88 -0.63 0.00	29.45 -0.70 0.00	26.89 -0.66 0.00	23.19 -0.59 0.00	20.51 -0.57 0.00	13.35 -0.38 0.00	19.52 -0.54 0.00	9.72 -0.26 0.00	17.45 -0.48 0.00	14.61 -0.40 0.00	11.97 -0.31 0.00	20.77 -0.55 0.00	25.03 -0.65 0.00	31.59 -0.77 0.00	42.83 -0.99 0.00	41.78 -0.88 0.00	33.85 -0.73 0.00	30.26 -0.66 0.00	24.87 -0.54 0.00

NM_FRONTIER___DRP 24179	31.57 -2.76 0.00	30.23 -2.67 0.00	28.16 -2.60 0.00	26.05 -2.53 0.00	26.54 -2.61 0.00	27.72 -2.79 0.00	25.93 -3.41 0.80	13.91 -3.48 10.16	12.02 -3.03 8.73	13.19 -2.56 5.33	11.26 -1.55 0.91	12.05 -2.08 5.93	7.57 -1.04 1.37	8.24 -2.00 7.70	6.10 -1.70 7.21	4.86 -1.32 6.10	10.25 -2.47 8.60	13.07 -3.16 9.46	23.17 -3.94 5.25	38.31 -5.52 0.00	37.59 -5.08 0.00	30.44 -3.97 0.18	27.31 -3.62 0.00	22.44 -2.98 0.00
NM_ST_REGIS___HYD 24053	34.48 0.16 0.00	33.12 0.22 0.00	30.93 0.17 0.00	28.66 0.08 0.00	29.18 0.03 0.00	30.41 -0.10 0.00	30.16 0.02 0.00	27.46 -0.10 0.00	23.62 -0.16 0.00	20.85 -0.22 0.00	13.58 -0.15 0.00	19.78 -0.28 0.00	9.83 -0.16 0.00	17.60 -0.34 0.00	14.69 -0.32 0.00	12.00 -0.29 0.00	20.82 -0.50 0.00	25.00 -0.69 0.00	31.68 -0.69 0.00	43.31 -0.52 0.00	41.96 -0.71 0.00	34.10 -0.48 0.00	30.54 -0.38 0.00	25.05 -0.37 0.00
NORTHPORT___1 23551	31.54 2.14 4.93	38.77 2.29 -3.59	28.56 2.09 4.28	25.24 1.91 5.25	26.52 1.96 4.58	26.71 2.06 5.85	26.70 1.90 5.35	25.42 1.71 3.85	21.89 1.49 3.38	17.36 1.47 5.18	11.34 1.00 3.39	19.50 1.41 1.97	7.11 0.74 3.62	16.43 1.31 2.82	14.20 1.10 1.92	14.57 1.03 -1.26	25.31 1.79 -2.20	28.02 1.99 -0.34	32.57 2.24 2.04	40.79 2.39 5.43	42.57 2.57 2.67	31.93 2.05 4.71	33.65 2.19 -0.54	31.56 1.95 -4.20
NORTHPORT___2 23552	31.54 2.14 4.93	38.77 2.29 -3.59	28.56 2.09 4.28	25.24 1.91 5.25	26.52 1.96 4.58	26.71 2.06 5.85	26.70 1.90 5.35	25.42 1.71 3.85	21.89 1.49 3.38	17.36 1.47 5.18	11.34 1.00 3.39	19.50 1.41 1.97	7.11 0.74 3.62	16.43 1.31 2.82	14.20 1.10 1.92	14.57 1.03 -1.26	25.31 1.79 -2.20	28.02 1.99 -0.34	32.57 2.24 2.04	40.79 2.39 5.43	42.57 2.57 2.67	31.93 2.05 4.71	33.65 2.19 -0.54	31.56 1.95 -4.20
NORTHPORT___3 23553	34.91 1.90 1.31	38.58 2.12 -3.57	28.32 1.95 4.38	25.00 1.78 5.36	26.29 1.83 4.68	26.45 1.92 5.98	26.50 1.77 5.41	25.49 1.60 3.66	21.94 1.38 3.22	17.49 1.35 4.94	11.43 0.93 3.23	19.50 1.31 1.87	7.24 0.70 3.45	16.50 1.24 2.68	14.26 1.04 1.80	14.77 0.99 -1.50	25.55 1.72 -2.51	28.35 1.94 -0.73	32.97 2.17 1.55	40.99 2.32 5.15	41.90 2.48 3.25	30.14 2.25 6.69	33.74 2.12 -0.70	31.87 1.79 -4.66
NORTHPORT___4 23650	34.91 1.90 1.31	38.58 2.12 -3.57	28.32 1.95 4.38	25.00 1.78 5.36	26.29 1.83 4.68	26.45 1.92 5.98	26.50 1.77 5.41	25.49 1.60 3.66	21.94 1.38 3.22	17.49 1.35 4.94	11.43 0.93 3.23	19.50 1.31 1.87	7.24 0.70 3.45	16.50 1.24 2.68	14.26 1.04 1.80	14.77 0.99 -1.50	25.55 1.72 -2.51	28.35 1.94 -0.73	32.97 2.17 1.55	40.99 2.32 5.15	41.90 2.48 3.25	30.14 2.25 6.69	33.74 2.12 -0.70	31.87 1.79 -4.66
NORTHPORT___IC 23718	31.55 2.15 4.93	38.77 2.28 -3.59	28.54 2.06 4.28	25.23 1.90 5.25	26.51 1.95 4.58	26.69 2.04 5.85	26.70 1.90 5.35	25.42 1.71 3.85	21.90 1.49 3.38	17.38 1.48 5.18	11.34 1.00 3.39	19.49 1.40 1.97	7.10 0.74 3.62	16.43 1.31 2.82	14.19 1.10 1.92	14.57 1.03 -1.26	25.30 1.78 -2.20	28.06 2.03 -0.34	32.57 2.24 2.04	40.79 2.40 5.43	42.56 2.57 2.67	31.93 2.05 4.71	33.64 2.17 -0.54	31.56 1.95 -4.20
NORTH___COUNTRY_ESR 323785	34.90 0.57 0.00	33.52 0.62 0.00	31.35 0.59 0.00	29.06 0.49 0.00	29.59 0.44 0.00	30.85 0.34 0.00	30.49 0.34 0.00	27.80 0.24 0.00	23.93 0.15 0.00	21.20 0.12 0.00	13.84 0.11 0.00	20.21 0.15 0.00	10.03 0.05 0.00	18.04 0.10 0.00	15.08 0.07 0.00	12.30 0.01 0.00	21.32 0.00 0.00	25.61 -0.08 0.00	32.29 -0.07 0.00	43.88 0.05 0.00	42.46 -0.21 0.00	34.21 -0.38 0.00	30.59 -0.33 0.00	25.14 -0.28 0.00
NPX_GEN_1385_PROXY 323591	31.42 2.02 4.93	38.66 2.17 -3.59	28.45 1.97 4.28	25.14 1.81 5.25	26.43 1.87 4.58	26.59 1.94 5.85	26.60 1.80 5.35	25.38 1.67 3.85	21.90 1.50 3.38	17.42 1.52 5.18	47.59 1.05 -32.81	101.86 1.48 -80.32	21.51 0.78 -10.75	16.47 1.35 2.82	14.20 1.11 1.92	14.58 1.04 -1.26	25.30 1.78 -2.20	27.93 1.91 -0.34	32.52 2.20 2.04	40.74 2.34 5.43	42.50 2.50 2.67	31.89 2.02 4.71	33.54 2.08 -0.54	31.53 1.91 -4.20
NPX_GEN_CSC 323557	112.84 2.92 -75.59	40.27 3.11 -4.26	29.90 2.82 3.68	26.46 2.51 4.63	27.64 2.53 4.04	27.94 2.60 5.17	27.90 2.50 4.75	26.44 2.25 3.36	22.73 1.90 2.96	18.28 1.74 4.54	11.93 1.15 2.95	19.97 1.62 1.71	7.67 0.84 3.15	16.98 1.50 2.45	14.67 1.26 1.60	15.25 1.19 -1.78	26.32 2.15 -2.85	29.43 2.54 -1.20	34.48 3.03 0.92	42.75 3.61 4.69	53.75 3.89 -7.19	55.19 3.19 -17.42	37.40 3.08 -3.40	33.14 2.59 -5.13
NSINS_S_GLNS_FALLS 23858	35.56 1.24 0.00	34.04 1.14 0.00	31.94 1.18 0.00	29.73 1.15 0.00	30.38 1.23 0.00	31.89 1.38 0.00	31.60 1.45 0.00	29.07 1.52 0.00	25.17 1.39 0.00	22.24 1.17 0.00	14.47 0.74 0.00	21.13 1.08 0.00	10.41 0.42 0.00	18.78 0.85 0.00	15.70 0.69 0.00	12.82 0.53 0.00	22.26 0.94 0.00	26.94 1.26 0.00	34.01 1.64 0.00	46.13 2.30 0.00	44.93 2.27 0.00	36.45 1.87 0.00	32.57 1.65 0.00	26.69 1.27 0.00
NUCOR_STEEL___DRP 24197	34.00 -0.33 0.00	32.53 -0.36 0.00	30.33 -0.42 0.00	28.11 -0.47 0.00	28.66 -0.49 0.00	30.02 -0.48 0.00	29.93 -0.59 -0.37	27.85 -0.62 -0.92	23.26 -0.52 0.00	20.54 -0.54 0.00	13.30 -0.43 0.00	19.44 -0.62 0.00	9.70 -0.28 0.00	17.44 -0.50 0.00	14.60 -0.42 0.00	11.93 -0.36 0.00	20.77 -0.55 0.00	25.10 -0.59 0.00	31.61 -0.75 0.00	43.11 -0.71 0.00	42.16 -0.50 0.00	34.25 -0.41 -0.08	30.52 -0.40 0.00	24.98 -0.44 0.00
NUMBER_THREE_WT_PWR 323818	34.10 -0.23 0.00	32.77 -0.13 0.00	30.59 -0.16 0.00	28.25 -0.32 0.00	28.78 -0.37 0.00	29.86 -0.65 0.00	29.84 -0.30 0.00	27.38 -0.17 0.00	23.43 -0.35 0.00	20.43 -0.64 0.00	13.20 -0.53 0.00	19.12 -0.94 0.00	9.45 -0.53 0.00	16.91 -1.03 0.00	14.05 -0.96 0.00	11.56 -0.73 0.00	20.10 -1.22 0.00	24.09 -1.60 0.00	30.63 -1.73 0.00	41.95 -1.88 0.00	40.78 -1.89 0.00	33.17 -1.42 0.00	30.46 -0.47 0.00	25.06 -0.36 0.00
NYISO_LBMP_REFERENCE 24008	34.32 0.00 0.00	32.90 0.00 0.00	30.76 0.00 0.00	28.58 0.00 0.00	29.15 0.00 0.00	30.51 0.00 0.00	30.15 0.00 0.00	27.56 0.00 0.00	23.78 0.00 0.00	21.08 0.00 0.00	13.73 0.00 0.00	20.06 0.00 0.00	9.99 0.00 0.00	17.93 0.00 0.00	15.01 0.00 0.00	12.29 0.00 0.00	21.32 0.00 0.00	25.69 0.00 0.00	32.37 0.00 0.00	43.83 0.00 0.00	42.66 0.00 0.00	34.58 0.00 0.00	30.92 0.00 0.00	25.42 0.00 0.00
NYPA_BRENTWD____GT 24164	54.46 2.58 -17.56	40.66 2.68 -5.09	30.26 2.43 2.93	26.96 2.24 3.85	28.06 2.28 3.36	28.60 2.40 4.31	28.44 2.26 3.97	26.95 2.05 2.65	23.22 1.77 2.33	19.17 1.66 3.57	12.55 1.11 2.29	20.31 1.57 1.32	8.37 0.82 2.44	17.48 1.45 1.91	15.11 1.22 1.13	15.98 1.14 -2.55	27.16 2.02 -3.83	30.51 2.34 -2.49	35.88 2.75 -0.76	43.38 3.13 3.57	47.62 3.31 -1.64	39.42 2.68 -2.15	36.66 2.66 -3.08	34.24 2.28 -6.53

NYPA_GOWANUS____GT5 24156	36.27 1.94 0.00	34.74 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.40 0.00	14.61 0.88 0.00	21.35 1.29 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.72 0.00	27.76 2.07 0.00	39.68 2.41 -4.90	46.76 2.94 0.00	45.52 2.86 0.00	36.88 2.30 0.00	33.07 2.15 0.00	27.24 1.81 -0.01
NYPA_GOWANUS____GT6 24157	36.27 1.94 0.00	34.74 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.40 0.00	14.61 0.88 0.00	21.35 1.29 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.72 0.00	27.76 2.07 0.00	39.68 2.41 -4.90	46.76 2.94 0.00	45.52 2.86 0.00	36.88 2.30 0.00	33.07 2.15 0.00	27.24 1.81 -0.01
NYPA_HARLEM__RVR__GT1 24160	36.01 1.68 0.00	34.49 1.59 0.00	32.22 1.46 0.00	29.95 1.37 0.00	30.59 1.43 0.00	32.01 1.51 0.00	31.67 1.53 0.00	29.05 1.50 0.00	25.10 1.31 0.00	22.28 1.21 0.00	14.50 0.78 0.00	21.19 1.13 0.00	10.61 0.63 0.00	19.09 1.16 0.00	16.02 1.01 0.00	13.19 0.90 0.00	22.92 1.60 0.00	27.59 1.91 0.00	34.53 2.17 0.01	46.36 2.55 0.02	45.13 2.48 0.02	36.56 1.98 0.01	32.73 1.82 0.01	27.02 1.60 0.00
NYPA_HARLEM__RVR__GT2 24161	36.01 1.68 0.00	34.49 1.59 0.00	32.22 1.46 0.00	29.95 1.37 0.00	30.59 1.43 0.00	32.01 1.51 0.00	31.67 1.53 0.00	29.05 1.50 0.00	25.10 1.31 0.00	22.28 1.21 0.00	14.50 0.78 0.00	21.19 1.13 0.00	10.61 0.63 0.00	19.09 1.16 0.00	16.02 1.01 0.00	13.19 0.90 0.00	22.92 1.60 0.00	27.59 1.91 0.00	34.53 2.17 0.01	46.36 2.55 0.02	45.13 2.48 0.02	36.56 1.98 0.01	32.73 1.82 0.01	27.02 1.60 0.00
NYPA_KENT____GT 24152	36.22 1.89 0.00	34.72 1.82 0.00	32.43 1.67 0.00	30.14 1.57 0.00	30.79 1.64 0.00	32.25 1.74 0.00	31.91 1.77 0.00	29.29 1.74 0.00	25.30 1.52 0.00	22.47 1.39 0.00	14.62 0.89 0.00	21.35 1.29 0.00	10.69 0.70 0.00	19.19 1.26 0.00	16.10 1.09 0.00	13.27 0.98 0.00	23.05 1.73 0.00	27.76 2.07 0.00	37.74 2.40 -2.97	46.70 2.87 0.00	45.45 2.78 0.00	36.84 2.26 0.00	33.02 2.09 0.00	27.20 1.77 -0.01
NYPA_POUCH1____GT 24155	36.35 2.02 0.00	34.83 1.93 0.00	32.52 1.76 0.00	30.22 1.65 0.00	30.87 1.72 0.00	32.35 1.84 0.00	32.01 1.86 0.00	29.37 1.81 0.00	25.36 1.57 0.00	22.47 1.40 0.00	14.58 0.85 0.00	21.30 1.25 0.00	10.66 0.68 0.00	19.14 1.21 0.00	16.07 1.06 0.00	13.23 0.95 0.00	22.99 1.67 0.00	27.67 1.99 0.00	39.60 2.33 -4.90	46.77 2.95 0.00	45.57 2.90 0.00	36.93 2.35 0.00	33.11 2.18 0.00	27.28 1.85 -0.01
NYPA_VERNON____GT2 24162	36.17 1.84 0.00	34.69 1.79 0.00	32.40 1.65 0.00	30.13 1.56 0.00	30.77 1.62 0.00	32.24 1.73 0.00	31.89 1.74 0.00	29.27 1.71 0.00	25.29 1.50 0.00	22.46 1.39 0.00	14.62 0.89 0.00	21.36 1.30 0.00	10.69 0.71 0.00	19.20 1.27 0.00	16.11 1.10 0.00	13.27 0.98 0.00	23.05 1.73 0.00	27.76 2.07 0.00	35.81 2.41 -1.04	46.68 2.85 0.00	45.44 2.77 0.00	36.82 2.23 0.00	33.01 2.09 0.00	27.19 1.76 -0.01
NYPA_VERNON____GT3 24163	36.17 1.84 0.00	34.69 1.79 0.00	32.40 1.65 0.00	30.13 1.56 0.00	30.77 1.62 0.00	32.24 1.73 0.00	31.89 1.74 0.00	29.27 1.71 0.00	25.29 1.50 0.00	22.46 1.39 0.00	14.62 0.89 0.00	21.36 1.30 0.00	10.69 0.71 0.00	19.20 1.27 0.00	16.11 1.10 0.00	13.27 0.98 0.00	23.05 1.73 0.00	27.76 2.07 0.00	35.81 2.41 -1.04	46.68 2.85 0.00	45.44 2.77 0.00	36.82 2.23 0.00	33.01 2.09 0.00	27.19 1.76 -0.01
NYPA____ASTORIA_CC1 323568	36.11 1.79 0.00	34.64 1.75 0.00	32.37 1.62 0.00	30.10 1.52 0.00	30.74 1.59 0.00	32.19 1.68 0.00	31.85 1.71 0.00	29.24 1.68 0.00	25.26 1.48 0.00	22.44 1.36 0.00	14.61 0.88 0.00	21.34 1.28 0.00	10.68 0.70 0.00	19.18 1.25 0.00	16.10 1.09 0.00	13.26 0.97 0.00	23.04 1.72 0.00	27.73 2.04 0.00	34.73 2.36 0.00	46.64 2.81 0.00	45.40 2.73 0.00	36.78 2.20 0.00	32.96 2.04 0.00	27.17 1.74 -0.01
NYPA____ASTORIA_CC2 323569	36.11 1.79 0.00	34.64 1.75 0.00	32.37 1.62 0.00	30.10 1.52 0.00	30.74 1.59 0.00	32.19 1.68 0.00	31.85 1.71 0.00	29.24 1.68 0.00	25.26 1.48 0.00	22.44 1.36 0.00	14.61 0.88 0.00	21.34 1.28 0.00	10.68 0.70 0.00	19.18 1.25 0.00	16.10 1.09 0.00	13.26 0.97 0.00	23.04 1.72 0.00	27.73 2.04 0.00	34.73 2.36 0.00	46.64 2.81 0.00	45.40 2.73 0.00	36.78 2.20 0.00	32.96 2.04 0.00	27.17 1.74 -0.01
NYPA____HOLTSVILL 23794	114.19 2.60 -77.26	39.87 2.77 -4.21	29.54 2.52 3.73	26.18 2.28 4.68	27.38 2.32 4.09	27.70 2.42 5.23	27.64 2.30 4.80	26.22 2.07 3.41	22.56 1.77 3.00	18.13 1.66 4.60	11.84 1.10 2.99	19.89 1.56 1.73	7.60 0.81 3.19	16.89 1.45 2.49	14.59 1.21 1.63	15.13 1.13 -1.72	26.10 2.00 -2.79	29.14 2.33 -1.12	34.08 2.74 1.03	42.19 3.12 4.76	52.92 3.34 -6.91	54.20 2.74 -16.88	36.89 2.70 -3.27	32.75 2.29 -5.04
NYPA____HELLGATE_GT1 24158	36.01 1.68 0.00	34.49 1.59 0.00	32.22 1.46 0.00	29.95 1.37 0.00	30.59 1.43 0.00	32.01 1.51 0.00	31.67 1.53 0.00	29.05 1.50 0.00	25.10 1.31 0.00	22.28 1.21 0.00	14.50 0.78 0.00	21.19 1.13 0.00	10.61 0.63 0.00	19.09 1.16 0.00	16.02 1.01 0.00	13.19 0.90 0.00	22.92 1.60 0.00	27.59 1.91 0.00	34.54 2.17 0.00	46.38 2.55 0.00	45.14 2.48 0.00	36.56 1.98 0.00	32.74 1.82 0.00	27.03 1.60 -0.01
NYPA____HELLGATE_GT2 24159	36.01 1.68 0.00	34.49 1.59 0.00	32.22 1.46 0.00	29.95 1.37 0.00	30.59 1.43 0.00	32.01 1.51 0.00	31.67 1.53 0.00	29.05 1.50 0.00	25.10 1.31 0.00	22.28 1.21 0.00	14.50 0.78 0.00	21.19 1.13 0.00	10.61 0.63 0.00	19.09 1.16 0.00	16.02 1.01 0.00	13.19 0.90 0.00	22.92 1.60 0.00	27.59 1.91 0.00	34.54 2.17 0.00	46.38 2.55 0.00	45.14 2.48 0.00	36.56 1.98 0.00	32.74 1.82 0.00	27.03 1.60 -0.01
NYS_BARGE____HYD 23848	32.07 -2.25 0.00	30.69 -2.21 0.00	28.59 -2.17 0.00	26.43 -2.14 0.00	26.95 -2.20 0.00	28.16 -2.35 0.00	26.40 -2.96 0.78	15.00 -3.02 9.53	12.99 -2.66 8.14	13.84 -2.24 4.99	11.48 -1.39 0.85	12.66 -1.85 5.56	7.73 -0.97 1.28	8.94 -1.78 7.21	6.73 -1.52 6.76	5.40 -1.17 5.72	11.06 -2.20 8.05	14.05 -2.77 8.86	23.96 -3.48 4.92	38.94 -4.89 0.00	38.28 -4.38 0.00	31.02 -3.39 0.17	27.83 -3.09 0.00	22.87 -2.55 0.00
OAK ORCHARD____HYD 24046	33.01 -1.31 0.00	31.59 -1.31 0.00	29.45 -1.30 0.00	27.29 -1.29 0.00	27.83 -1.32 0.00	29.10 -1.41 0.00	27.84 -1.76 0.54	24.29 -1.93 1.34	22.07 -1.72 0.00	19.62 -1.45 0.00	12.84 -0.89 0.00	18.82 -1.24 0.00	9.36 -0.62 0.00	16.74 -1.19 0.00	14.00 -1.01 0.00	11.51 -0.77 0.00	19.89 -1.43 0.00	23.91 -1.78 0.00	30.30 -2.06 0.00	41.14 -2.69 0.00	40.26 -2.41 0.00	32.53 -1.93 0.12	29.12 -1.80 0.00	23.92 -1.50 0.00

OAKDALE___35_KV_LOAD 356122	34.06 -0.26 0.00	32.56 -0.34 0.00	30.42 -0.34 0.00	28.21 -0.36 0.00	28.80 -0.35 0.00	30.14 -0.37 0.00	29.18 -0.46 0.51	25.89 -0.41 1.25	23.42 -0.37 0.00	20.74 -0.34 0.00	13.49 -0.24 0.00	19.75 -0.31 0.00	9.84 -0.15 0.00	17.68 -0.25 0.00	14.80 -0.21 0.00	12.15 -0.13 0.00	21.06 -0.26 0.00	25.41 -0.28 0.00	32.03 -0.33 0.00	43.36 -0.47 0.00	42.30 -0.37 0.00	34.12 -0.35 0.11	30.61 -0.31 0.00	25.17 -0.25 0.00
OCC_CHEM___DRP 24175	31.67 -2.66 0.00	30.33 -2.57 0.00	28.25 -2.51 0.00	26.13 -2.45 0.00	26.63 -2.52 0.00	27.79 -2.71 0.00	26.01 -3.33 0.80	13.89 -3.44 10.23	12.00 -2.99 8.80	13.19 -2.52 5.37	11.29 -1.52 0.92	12.04 -2.04 5.98	7.58 -1.02 1.38	8.21 -1.96 7.76	6.07 -1.67 7.27	4.83 -1.30 6.16	10.22 -2.44 8.66	13.04 -3.11 9.53	23.20 -3.87 5.30	38.43 -5.40 0.00	37.71 -4.96 0.00	30.52 -3.88 0.18	27.39 -3.53 0.00	22.51 -2.91 0.00
OH_GEN_PROXY 24063	31.91 -2.42 0.00	30.56 -2.33 0.00	28.47 -2.28 0.00	26.34 -2.24 0.00	26.84 -2.31 0.00	28.02 -2.49 0.00	26.31 -3.07 0.77	15.29 -3.23 9.04	13.37 -2.80 7.61	14.10 -2.33 4.64	11.53 -1.40 0.79	12.97 -1.92 5.17	7.82 -0.96 1.19	9.39 -1.84 6.71	7.16 -1.57 6.28	5.76 -1.20 5.32	11.56 -2.27 7.49	14.56 -2.89 8.24	24.23 -3.56 4.57	38.93 -4.90 0.00	38.16 -4.51 0.00	30.84 -3.57 0.17	27.68 -3.24 0.00	22.77 -2.65 0.00
OLIN_CORP_DRP 24177	31.69 -2.64 0.00	30.33 -2.57 0.00	28.25 -2.51 0.00	26.14 -2.44 0.00	26.63 -2.52 0.00	27.83 -2.67 0.00	26.04 -3.29 0.82	13.94 -3.31 10.31	12.03 -2.89 8.87	13.17 -2.46 5.45	11.29 -1.51 0.93	11.99 -2.00 6.07	7.54 -1.05 1.40	8.14 -1.92 7.87	6.01 -1.63 7.37	4.77 -1.27 6.24	10.16 -2.37 8.79	13.00 -3.02 9.67	23.17 -3.82 5.37	38.40 -5.42 0.00	37.73 -4.94 0.00	30.60 -3.80 0.18	27.46 -3.46 0.00	22.58 -2.84 0.00
OLIN_CORP_DSASP 323712	31.66 -2.67 0.00	30.32 -2.58 0.00	28.24 -2.51 0.00	26.12 -2.45 0.00	26.63 -2.53 0.00	27.79 -2.72 0.00	26.01 -3.33 0.80	13.91 -3.41 10.23	12.01 -2.97 8.80	13.21 -2.49 5.37	11.29 -1.52 0.92	12.04 -2.03 5.98	7.58 -1.02 1.38	8.22 -1.95 7.76	6.08 -1.66 7.27	4.84 -1.29 6.16	10.23 -2.42 8.66	13.08 -3.07 9.53	23.22 -3.84 5.30	38.43 -5.40 0.00	37.70 -4.97 0.00	30.51 -3.90 0.18	27.39 -3.53 0.00	22.51 -2.91 0.00
ONEIDA_HERK_LFGE 323681	34.56 0.24 0.00	33.12 0.23 0.00	30.95 0.19 0.00	28.68 0.10 0.00	29.26 0.11 0.00	30.52 0.02 0.00	30.30 0.16 0.00	27.76 0.20 0.00	23.86 0.07 0.00	20.96 -0.11 0.00	13.57 -0.15 0.00	19.75 -0.31 0.00	9.80 -0.19 0.00	17.55 -0.38 0.00	14.65 -0.36 0.00	12.02 -0.26 0.00	20.91 -0.41 0.00	25.20 -0.48 0.00	31.97 -0.39 0.00	43.52 -0.30 0.00	42.37 -0.30 0.00	34.37 -0.21 0.00	31.05 0.13 0.00	25.53 0.11 0.00
ONEIDA___115KV_TB4 55905	34.75 0.43 0.00	33.26 0.36 0.00	31.05 0.30 0.00	28.82 0.25 0.00	29.44 0.29 0.00	30.81 0.30 0.00	30.47 0.32 0.00	27.86 0.31 0.00	24.00 0.21 0.00	21.11 0.03 0.00	13.67 -0.06 0.00	19.93 -0.13 0.00	9.90 -0.09 0.00	17.76 -0.17 0.00	14.85 -0.16 0.00	12.19 -0.09 0.00	21.19 -0.13 0.00	25.61 -0.07 0.00	32.47 0.11 0.00	44.19 0.36 0.00	43.17 0.50 0.00	34.96 0.38 0.00	31.31 0.39 0.00	25.72 0.30 0.00
ONONDAGA_REF_OCCRA 23987	33.92 -0.41 0.00	32.46 -0.44 0.00	30.32 -0.44 0.00	28.15 -0.42 0.00	28.72 -0.43 0.00	30.07 -0.44 0.00	29.92 -0.50 -0.27	27.73 -0.49 -0.67	23.34 -0.44 0.00	20.62 -0.46 0.00	13.41 -0.32 0.00	19.61 -0.45 0.00	9.76 -0.22 0.00	17.54 -0.40 0.00	14.68 -0.33 0.00	12.04 -0.25 0.00	20.88 -0.44 0.00	25.18 -0.50 0.00	31.80 -0.57 0.00	43.14 -0.69 0.00	42.11 -0.56 0.00	34.15 -0.48 -0.06	30.47 -0.45 0.00	25.05 -0.37 0.00
ONONDAGA___COGEN 23986	33.81 -0.52 0.00	32.35 -0.54 0.00	30.22 -0.53 0.00	28.06 -0.52 0.00	28.62 -0.53 0.00	29.97 -0.54 0.00	29.54 -0.61 0.00	26.96 -0.59 0.00	23.25 -0.54 0.00	20.55 -0.53 0.00	13.36 -0.37 0.00	19.54 -0.52 0.00	9.73 -0.25 0.00	17.48 -0.46 0.00	14.64 -0.38 0.00	11.99 -0.30 0.00	20.81 -0.51 0.00	25.11 -0.58 0.00	31.66 -0.70 0.00	42.97 -0.86 0.00	41.94 -0.73 0.00	33.97 -0.62 0.00	30.36 -0.56 0.00	24.94 -0.48 0.00
ONTARIO___LFGE 23819	33.66 -0.66 0.00	32.15 -0.75 0.00	29.98 -0.77 0.00	27.76 -0.81 0.00	28.33 -0.82 0.00	29.67 -0.84 0.00	28.00 -1.01 1.14	28.71 -1.08 -2.23	28.11 -1.05 -5.37	23.36 -1.00 -3.28	13.61 -0.68 -0.56	22.72 -0.99 -3.65	10.34 -0.49 -0.84	21.79 -0.88 -4.74	18.71 -0.74 -4.44	15.48 -0.56 -3.76	25.61 -1.00 -5.29	30.38 -1.13 -5.81	34.36 -1.23 -3.23	42.51 -1.32 0.00	41.64 -1.03 0.00	33.44 -0.89 0.25	30.06 -0.87 0.00	24.67 -0.75 0.00
ORANGEVILLE_WT_PWR 323706	32.48 -1.85 0.00	30.98 -1.92 0.00	28.79 -1.97 0.00	26.59 -1.98 0.00	27.14 -2.01 0.00	28.35 -2.16 0.00	26.29 -2.60 1.25	-11.57 -2.62 36.51	-14.23 -2.33 35.68	-2.79 -2.08 21.78	8.63 -1.37 3.72	-6.09 -1.90 24.25	3.43 -0.96 5.60	-15.25 -1.72 31.47	-15.93 -1.46 29.48	-13.80 -1.13 24.96	-15.88 -2.07 35.13	-15.36 -2.41 38.64	7.95 -2.95 21.47	40.07 -3.75 0.00	39.43 -3.24 0.00	31.67 -2.64 0.28	28.52 -2.40 0.00	23.44 -1.97 0.00
ORANGEVILLE___ESR 323794	32.48 -1.85 0.00	30.98 -1.92 0.00	28.79 -1.97 0.00	26.59 -1.98 0.00	27.14 -2.01 0.00	28.35 -2.16 0.00	26.29 -2.60 1.25	-11.57 -2.62 36.51	-14.23 -2.33 35.68	-2.79 -2.08 21.78	8.63 -1.37 3.72	-6.09 -1.90 24.25	3.43 -0.96 5.60	-15.25 -1.72 31.47	-15.93 -1.46 29.48	-13.80 -1.13 24.96	-15.88 -2.07 35.13	-15.36 -2.41 38.64	7.95 -2.95 21.47	40.07 -3.75 0.00	39.43 -3.24 0.00	31.67 -2.64 0.28	28.52 -2.40 0.00	23.44 -1.97 0.00
OSWEGATCHIE___HYD 24044	33.84 -0.49 0.00	32.50 -0.39 0.00	30.34 -0.42 0.00	28.08 -0.50 0.00	28.59 -0.57 0.00	29.75 -0.76 0.00	29.60 -0.55 0.00	27.01 -0.54 0.00	23.14 -0.65 0.00	20.27 -0.80 0.00	13.14 -0.58 0.00	19.10 -0.96 0.00	9.47 -0.51 0.00	16.94 -0.99 0.00	14.11 -0.90 0.00	11.57 -0.71 0.00	20.10 -1.22 0.00	24.14 -1.55 0.00	30.67 -1.69 0.00	42.05 -1.78 0.00	40.84 -1.83 0.00	33.24 -1.34 0.00	30.13 -0.79 0.00	24.74 -0.68 0.00
OSWEGO___5 23606	33.32 -1.00 0.00	31.91 -0.99 0.00	29.81 -0.94 0.00	27.69 -0.89 0.00	28.25 -0.90 0.00	29.57 -0.94 0.00	29.15 -0.99 0.00	26.62 -0.93 0.00	22.98 -0.81 0.00	20.34 -0.73 0.00	13.25 -0.48 0.00	19.36 -0.70 0.00	9.64 -0.35 0.00	17.30 -0.63 0.00	14.48 -0.53 0.00	11.86 -0.42 0.00	20.57 -0.75 0.00	24.77 -0.91 0.00	31.21 -1.15 0.00	42.31 -1.52 0.00	41.27 -1.40 0.00	33.44 -1.14 0.00	29.90 -1.02 0.00	24.59 -0.83 0.00
OSWEGO___6 23613	33.32 -1.00 0.00	31.91 -0.99 0.00	29.81 -0.94 0.00	27.69 -0.89 0.00	28.25 -0.90 0.00	29.57 -0.94 0.00	29.15 -0.99 0.00	26.62 -0.93 0.00	22.98 -0.81 0.00	20.34 -0.73 0.00	13.25 -0.48 0.00	19.36 -0.70 0.00	9.64 -0.35 0.00	17.30 -0.63 0.00	14.48 -0.53 0.00	11.86 -0.42 0.00	20.57 -0.75 0.00	24.77 -0.91 0.00	31.21 -1.15 0.00	42.31 -1.52 0.00	41.27 -1.40 0.00	33.44 -1.14 0.00	29.90 -1.02 0.00	24.59 -0.83 0.00

OUTOKUMPU-AB___DRP 24206	32.31 -2.01 0.00	30.90 -2.00 0.00	28.78 -1.98 0.00	26.61 -1.96 0.00	27.13 -2.02 0.00	28.34 -2.17 0.00	26.51 -2.79 0.84	13.80 -2.91 10.84	11.86 -2.55 9.37	13.20 -2.15 5.73	11.46 -1.29 0.98	11.96 -1.72 6.38	7.63 -0.89 1.47	7.96 -1.69 8.28	5.82 -1.44 7.76	4.62 -1.10 6.57	9.99 -2.08 9.25	12.87 -2.64 10.17	23.46 -3.25 5.65	39.30 -4.53 0.00	38.58 -4.08 0.00	31.22 -3.18 0.18	28.02 -2.91 0.00	23.02 -2.40 0.00
OXBOW___BTM 323836	31.95 -2.37 0.00	30.58 -2.32 0.00	28.48 -2.28 0.00	26.34 -2.24 0.00	26.84 -2.31 0.00	28.03 -2.48 0.00	26.24 -3.09 0.82	13.83 -3.18 10.54	11.92 -2.77 9.09	13.20 -2.32 5.55	11.36 -1.42 0.95	11.99 -1.89 6.18	7.59 -0.96 1.43	8.08 -1.83 8.02	5.94 -1.56 7.52	4.73 -1.20 6.36	10.10 -2.26 8.96	12.97 -2.86 9.86	23.34 -3.55 5.48	38.85 -4.98 0.00	38.12 -4.55 0.00	30.84 -3.56 0.18	27.68 -3.24 0.00	22.74 -2.68 0.00
OXBOW___ 24026	31.95 -2.37 0.00	30.58 -2.32 0.00	28.47 -2.28 0.00	26.34 -2.24 0.00	26.84 -2.31 0.00	28.03 -2.47 0.00	26.24 -3.09 0.82	13.82 -3.20 10.54	11.90 -2.79 9.09	13.17 -2.35 5.55	11.36 -1.42 0.95	11.98 -1.89 6.18	7.60 -0.96 1.43	8.07 -1.84 8.02	5.93 -1.57 7.52	4.71 -1.21 6.36	10.08 -2.28 8.96	12.94 -2.89 9.86	23.30 -3.58 5.48	38.84 -4.99 0.00	38.12 -4.54 0.00	30.86 -3.55 0.18	27.69 -3.24 0.00	22.75 -2.67 0.00
OXY_CHEM_DSASP 323612	31.67 -2.66 0.00	30.33 -2.57 0.00	28.25 -2.51 0.00	26.13 -2.45 0.00	26.63 -2.52 0.00	27.79 -2.71 0.00	26.01 -3.33 0.80	13.89 -3.44 10.23	12.00 -2.99 8.80	13.19 -2.52 5.37	11.29 -1.52 0.92	12.04 -2.04 5.98	7.58 -1.02 1.38	8.21 -1.96 7.76	6.07 -1.67 7.27	4.83 -1.30 6.16	10.22 -2.44 8.66	13.04 -3.11 9.53	23.20 -3.87 5.30	38.43 -5.40 0.00	37.71 -4.96 0.00	30.52 -3.88 0.18	27.39 -3.53 0.00	22.51 -2.91 0.00
OZONE_PARK_ESR 323760	36.37 2.04 0.00	34.85 1.96 0.00	32.53 1.78 0.00	30.25 1.68 0.00	30.90 1.75 0.00	32.38 1.87 0.00	32.03 1.88 0.00	29.38 1.82 0.00	25.37 1.58 0.00	22.54 1.47 0.00	14.67 0.94 0.00	21.43 1.38 0.00	10.72 0.74 0.00	19.26 1.33 0.00	16.16 1.15 0.00	13.32 1.03 0.00	23.15 1.83 0.00	27.91 2.22 0.00	34.96 2.60 0.00	46.90 3.08 0.00	45.65 2.98 0.00	37.00 2.42 0.00	33.17 2.25 0.00	27.32 1.89 -0.01
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.67 -2.66 0.00	30.33 -2.57 0.00	28.25 -2.51 0.00	26.13 -2.45 0.00	26.63 -2.52 0.00	27.79 -2.71 0.00	26.01 -3.33 0.80	13.89 -3.44 10.23	12.00 -2.99 8.80	13.19 -2.52 5.37	11.29 -1.52 0.92	12.04 -2.04 5.98	7.58 -1.02 1.38	8.21 -1.96 7.76	6.07 -1.67 7.27	4.83 -1.30 6.16	10.22 -2.44 8.66	13.04 -3.11 9.53	23.20 -3.87 5.30	38.43 -5.40 0.00	37.71 -4.96 0.00	30.52 -3.88 0.18	27.39 -3.53 0.00	22.51 -2.91 0.00
PACKARD___115KV_DUPONT_184 80571	31.67 -2.66 0.00	30.33 -2.57 0.00	28.25 -2.51 0.00	26.13 -2.45 0.00	26.63 -2.52 0.00	27.79 -2.71 0.00	26.01 -3.33 0.80	13.89 -3.44 10.23	12.00 -2.99 8.80	13.19 -2.52 5.37	11.29 -1.52 0.92	12.04 -2.04 5.98	7.58 -1.02 1.38	8.21 -1.96 7.76	6.07 -1.67 7.27	4.83 -1.30 6.16	10.22 -2.44 8.66	13.04 -3.11 9.53	23.20 -3.87 5.30	38.43 -5.40 0.00	37.71 -4.96 0.00	30.52 -3.88 0.18	27.39 -3.53 0.00	22.51 -2.91 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	36.00 1.68 0.00	34.49 1.60 0.00	32.23 1.48 0.00	29.96 1.38 0.00	30.60 1.44 0.00	32.04 1.53 0.00	31.71 1.57 0.00	29.11 1.56 0.00	25.15 1.36 0.00	22.33 1.25 0.00	14.53 0.80 0.00	21.23 1.18 0.00	10.63 0.64 0.00	19.10 1.17 0.00	16.04 1.02 0.00	13.21 0.92 0.00	22.95 1.63 0.00	27.64 1.95 0.00	34.61 2.25 0.00	46.50 2.67 0.00	45.27 2.60 0.00	36.66 2.07 0.00	32.84 1.92 0.00	27.09 1.66 -0.01
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	36.66 2.33 0.00	35.16 2.26 0.00	32.87 2.12 0.00	30.56 1.98 0.00	31.23 2.08 0.00	32.72 2.21 0.00	32.41 2.26 0.00	29.79 2.23 0.00	25.74 1.95 0.00	22.84 1.76 0.00	14.86 1.13 0.00	21.71 1.65 0.00	10.86 0.88 0.00	19.49 1.56 0.00	16.35 1.34 0.00	13.47 1.18 0.00	23.40 2.08 0.00	28.19 2.51 0.00	35.31 2.95 0.00	47.43 3.61 0.00	46.22 3.55 0.00	37.43 2.85 0.00	33.57 2.65 0.00	27.61 2.18 -0.01
PATROON___115KV_TB1 80586	34.65 0.32 0.00	33.20 0.30 0.00	31.14 0.39 0.00	29.02 0.44 0.00	29.61 0.46 0.00	31.05 0.55 0.00	30.73 0.59 0.00	28.20 0.65 0.00	24.36 0.57 0.00	21.62 0.54 0.00	14.09 0.36 0.00	20.57 0.51 0.00	10.23 0.25 0.00	18.41 0.48 0.00	15.42 0.42 0.00	12.59 0.31 0.00	21.89 0.57 0.00	26.44 0.75 0.00	33.25 0.88 0.00	44.86 1.03 0.00	43.64 0.98 0.00	35.40 0.82 0.00	31.76 0.84 0.00	26.13 0.70 0.00
PATTRSNVILLE___SOLAR 323815	35.25 0.93 0.00	33.79 0.90 0.00	31.59 0.84 0.00	29.39 0.81 0.00	29.97 0.82 0.00	31.41 0.90 0.00	31.06 0.91 0.00	28.39 0.83 0.00	24.51 0.72 0.00	21.66 0.58 0.00	14.09 0.37 0.00	20.50 0.44 0.00	10.14 0.15 0.00	18.26 0.33 0.00	15.27 0.26 0.00	12.48 0.19 0.00	21.70 0.37 0.00	26.23 0.55 0.00	33.28 0.92 0.00	45.39 1.56 0.00	44.29 1.63 0.00	35.92 1.34 0.00	32.15 1.23 0.00	26.39 0.97 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.95 -1.38 0.00	31.49 -1.41 0.00	29.33 -1.42 0.00	27.10 -1.47 0.00	27.63 -1.52 0.00	28.86 -1.64 0.00	27.01 -2.18 0.95	13.78 -2.22 11.55	12.01 -1.94 9.83	13.44 -1.63 6.01	11.71 -0.99 1.03	12.08 -1.29 6.69	7.77 -0.67 1.55	7.99 -1.26 8.68	5.79 -1.09 8.14	4.59 -0.81 6.89	10.07 -1.56 9.70	13.04 -1.98 10.66	23.98 -2.46 5.92	40.38 -3.44 0.00	39.59 -3.08 0.00	31.96 -2.42 0.21	28.71 -2.21 0.00	23.60 -1.82 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	36.03 1.71 0.00	34.52 1.62 0.00	32.25 1.49 0.00	30.02 1.44 0.00	30.67 1.52 0.00	32.15 1.65 0.00	31.80 1.66 0.00	29.15 1.60 0.00	25.17 1.38 0.00	22.35 1.28 0.00	14.55 0.82 0.00	21.25 1.19 0.00	10.61 0.63 0.00	19.06 1.13 0.00	15.99 0.98 0.00	13.15 0.86 0.00	22.87 1.55 0.00	27.62 1.93 0.00	34.66 2.30 0.00	46.61 2.78 0.00	45.38 2.71 0.00	36.75 2.17 0.00	32.92 2.00 0.00	27.06 1.64 0.00
PEEKSKILL___ 23653	35.80 1.48 0.00	34.31 1.42 0.00	32.02 1.27 0.00	29.80 1.23 0.00	30.45 1.30 0.00	31.92 1.41 0.00	31.57 1.42 0.00	28.92 1.37 0.00	24.95 1.17 0.00	22.16 1.08 0.00	14.42 0.70 0.00	21.08 1.02 0.00	10.54 0.55 0.00	18.94 1.00 0.00	15.88 0.87 0.00	13.07 0.79 0.00	22.73 1.41 0.00	27.42 1.74 0.00	34.39 2.03 0.00	46.19 2.36 0.00	44.96 2.29 0.00	36.41 1.83 0.00	32.64 1.72 0.00	26.84 1.42 0.00
PGE MADISON___WINDPWR 24146	34.86 0.54 0.00	33.20 0.30 0.00	31.03 0.27 0.00	28.77 0.19 0.00	29.36 0.21 0.00	30.98 0.47 0.00	32.11 0.58 -1.38	33.42 0.63 -5.23	26.44 0.71 -1.95	22.46 0.19 -1.19	13.83 -0.10 -0.20	20.88 -0.50 -1.32	9.93 -0.36 -0.30	18.97 -0.68 -1.72	16.07 -0.55 -1.61	13.29 -0.36 -1.36	22.94 -0.30 -1.92	27.86 0.06 -2.11	34.14 0.60 -1.17	45.93 2.10 0.00	45.29 2.62 0.00	36.71 1.82 -0.30	32.19 1.27 0.00	26.28 0.85 0.00

PIERCEFIELD___HYD 23852	34.28 -0.05 0.00	32.91 0.01 0.00	30.74 -0.02 0.00	28.47 -0.10 0.00	28.99 -0.16 0.00	30.23 -0.28 0.00	29.98 -0.16 0.00	27.28 -0.27 0.00	23.46 -0.32 0.00	20.68 -0.39 0.00	13.46 -0.26 0.00	19.62 -0.44 0.00	9.75 -0.24 0.00	17.45 -0.48 0.00	14.57 -0.45 0.00	11.90 -0.38 0.00	20.67 -0.65 0.00	24.83 -0.86 0.00	31.48 -0.89 0.00	43.04 -0.79 0.00	41.69 -0.98 0.00	33.96 -0.62 0.00	30.43 -0.49 0.00	24.97 -0.45 0.00
PINELAWN_CC_1 323563	45.22 2.37 -8.53	44.60 2.48 -9.23	33.79 2.25 -0.78	30.63 2.06 0.00	31.27 2.12 0.00	32.73 2.23 0.00	32.25 2.11 0.00	29.49 1.94 0.00	25.46 1.67 0.00	22.64 1.56 0.00	14.77 1.03 0.00	21.53 1.47 0.00	10.75 0.77 0.00	19.31 1.38 0.00	16.66 1.17 -0.47	18.76 1.09 -5.38	30.77 1.91 -7.54	35.20 2.23 -7.28	42.07 2.62 -7.08	47.39 3.00 -0.55	52.12 3.16 -6.30	42.79 2.61 -5.60	41.16 2.53 -7.70	39.47 2.14 -11.90
PJM_GEN_HTP_PROXY 323702	36.06 1.74 0.00	34.57 1.67 0.00	32.28 1.52 0.00	30.03 1.45 0.00	30.67 1.52 0.00	32.15 1.64 0.00	31.78 1.63 0.00	29.14 1.58 0.00	25.16 1.38 0.00	22.35 1.28 0.00	14.55 0.82 0.00	21.25 1.19 0.00	10.64 0.65 0.00	19.11 1.18 0.00	16.03 1.02 0.00	13.21 0.93 0.00	22.95 1.63 0.00	27.65 1.96 0.00	34.64 2.27 0.00	46.44 2.62 0.00	41.75 2.53 3.45	36.64 2.05 0.00	32.86 1.94 0.00	27.07 1.65 0.00
PJM_GEN_KEystone 24065	34.21 -0.12 0.00	32.74 -0.15 0.00	26.81 -0.21 3.74	23.50 -0.24 4.84	28.92 -0.23 0.00	30.28 -0.23 0.00	29.25 -0.41 0.48	23.85 -0.38 3.32	21.18 -0.33 2.27	19.47 -0.22 1.38	13.38 -0.11 0.24	18.42 -0.10 1.54	9.61 -0.02 0.36	15.88 -0.06 2.00	13.10 -0.04 1.87	10.76 0.06 1.59	19.13 0.04 2.23	23.25 0.02 2.45	30.89 -0.11 1.36	43.38 -0.45 0.00	38.84 -0.37 3.45	34.12 -0.35 0.11	30.66 -0.26 0.00	24.75 -0.18 0.48
PJM_GEN_NEPTUNE_PROXY 323594	30.91 1.96 5.37	35.80 2.03 -0.88	25.89 1.85 6.72	22.51 1.72 7.78	24.12 1.77 6.80	23.72 1.88 8.66	24.19 1.77 7.72	23.84 1.63 5.35	20.50 1.42 4.71	15.24 1.37 7.21	9.87 0.91 4.77	18.57 1.31 2.79	5.56 0.69 5.12	15.23 1.25 3.96	13.17 1.07 2.91	12.90 1.00 0.39	23.17 1.72 -0.13	25.32 2.01 2.38	29.06 2.27 5.58	38.55 2.49 7.77	35.60 2.62 9.69	27.83 2.19 8.94	30.78 2.13 2.27	28.44 1.79 -1.22
PJM_GEN_VFT_PROXY 323633	33.52 1.54 2.35	10.00 1.48 24.38	32.08 1.33 0.00	29.86 1.28 0.00	28.80 1.35 1.70	31.97 1.46 0.00	31.62 1.48 0.00	25.60 1.45 3.40	22.96 1.25 2.07	11.63 1.16 10.61	11.02 0.76 3.47	21.16 1.10 0.00	10.51 0.61 0.09	19.03 1.09 0.00	10.00 0.96 5.97	10.16 0.87 2.99	21.85 1.56 1.02	10.00 1.89 17.58	24.83 2.18 9.71	11.54 2.46 34.74	6.97 2.38 38.07	13.56 1.91 22.93	24.96 1.80 7.76	9.37 1.52 17.57
PLATSBURG_115KV_PMLD1 355749	35.22 0.89 0.00	33.84 0.94 0.00	31.72 0.97 0.00	29.42 0.84 0.00	29.94 0.79 0.00	31.23 0.72 0.00	30.81 0.67 0.00	28.12 0.57 0.00	24.16 0.37 0.00	21.38 0.30 0.00	13.95 0.22 0.00	20.43 0.38 0.00	10.13 0.14 0.00	18.24 0.30 0.00	15.24 0.23 0.00	12.42 0.13 0.00	21.53 0.21 0.00	25.90 0.21 0.00	32.61 0.24 0.00	44.34 0.51 0.00	42.92 0.26 0.00	34.62 0.04 0.00	30.92 0.00 0.00	25.39 -0.03 0.00
PLEASANTVLY___LBMP 24000	35.63 1.31 0.00	34.15 1.26 0.00	31.91 1.16 0.00	29.71 1.13 0.00	30.36 1.21 0.00	31.83 1.32 0.00	31.48 1.33 0.00	28.84 1.28 0.00	24.89 1.10 0.00	22.10 1.02 0.00	14.39 0.66 0.00	21.03 0.97 0.00	10.51 0.52 0.00	18.88 0.95 0.00	15.84 0.82 0.00	13.01 0.73 0.00	22.62 1.30 0.00	27.29 1.60 0.00	34.23 1.87 0.00	46.01 2.18 0.00	44.79 2.12 0.00	36.29 1.71 0.00	32.53 1.60 0.00	26.76 1.34 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	35.81 1.49 0.00	34.33 1.44 0.00	32.06 1.31 0.00	29.87 1.29 0.00	30.54 1.39 0.00	32.02 1.51 0.00	31.66 1.51 0.00	29.02 1.47 0.00	25.05 1.26 0.00	22.25 1.17 0.00	14.48 0.75 0.00	21.16 1.10 0.00	10.57 0.59 0.00	19.00 1.07 0.00	15.94 0.93 0.00	13.11 0.83 0.00	22.80 1.47 0.00	27.50 1.81 0.00	34.48 2.12 0.00	46.32 2.50 0.00	45.09 2.42 0.00	36.53 1.95 0.00	32.76 1.83 0.00	26.95 1.53 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	35.81 1.49 0.00	34.33 1.44 0.00	32.06 1.31 0.00	29.87 1.29 0.00	30.54 1.39 0.00	32.02 1.51 0.00	31.66 1.51 0.00	29.02 1.47 0.00	25.05 1.26 0.00	22.25 1.17 0.00	14.48 0.75 0.00	21.16 1.10 0.00	10.57 0.59 0.00	19.00 1.07 0.00	15.94 0.93 0.00	13.11 0.83 0.00	22.80 1.47 0.00	27.50 1.81 0.00	34.48 2.12 0.00	46.32 2.50 0.00	45.09 2.42 0.00	36.53 1.95 0.00	32.76 1.83 0.00	26.95 1.53 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	35.95 1.62 0.00	34.45 1.55 0.00	32.18 1.42 0.00	29.95 1.37 0.00	30.60 1.45 0.00	32.08 1.58 0.00	31.73 1.59 0.00	29.08 1.53 0.00	25.10 1.32 0.00	22.28 1.21 0.00	14.50 0.77 0.00	21.16 1.10 0.00	10.56 0.58 0.00	18.97 1.04 0.00	15.91 0.90 0.00	13.07 0.79 0.00	22.74 1.42 0.00	27.49 1.81 0.00	34.54 2.18 0.00	46.49 2.66 0.00	45.27 2.60 0.00	36.67 2.09 0.00	32.84 1.92 0.00	27.00 1.58 0.00
POLETTI_____ 23519	36.01 1.69 0.00	34.52 1.62 0.00	32.25 1.49 0.00	30.01 1.43 0.00	30.65 1.50 0.00	32.12 1.61 0.00	31.76 1.62 0.00	29.13 1.58 0.00	25.15 1.36 0.00	22.35 1.27 0.00	14.54 0.82 0.00	21.25 1.19 0.00	10.64 0.65 0.00	19.11 1.18 0.00	16.04 1.03 0.00	13.21 0.93 0.00	22.96 1.64 0.00	27.67 1.98 0.00	34.63 2.26 0.00	46.41 2.58 0.00	45.17 2.50 0.00	36.62 2.04 0.00	32.85 1.93 0.00	27.07 1.64 -0.01
POMONA___ESR 323819	35.79 1.47 0.00	34.30 1.40 0.00	32.00 1.25 0.00	29.79 1.21 0.00	30.44 1.29 0.00	31.91 1.41 0.00	31.56 1.42 0.00	28.92 1.36 0.00	24.94 1.16 0.00	22.14 1.07 0.00	14.41 0.69 0.00	21.07 1.01 0.00	10.54 0.55 0.00	18.93 1.00 0.00	15.88 0.87 0.00	13.07 0.79 0.00	22.74 1.42 0.00	27.45 1.77 0.00	34.42 2.06 0.00	46.24 2.41 0.00	45.01 2.34 0.00	36.43 1.85 0.00	32.64 1.72 0.00	26.83 1.41 0.00
PORT_JEFF_3 23555	111.76 2.71 -74.72	40.05 2.86 -4.29	29.69 2.59 3.65	26.34 2.36 4.60	27.53 2.39 4.02	27.87 2.50 5.14	27.81 2.38 4.72	26.37 2.15 3.34	22.69 1.84 2.94	18.28 1.71 4.50	11.94 1.14 2.92	19.97 1.61 1.69	7.70 0.83 3.12	16.99 1.49 2.43	14.68 1.25 1.58	15.26 1.16 -1.81	26.28 2.07 -2.89	29.38 2.44 -1.26	34.40 2.88 0.85	42.44 3.26 4.64	53.91 3.48 -7.77	56.20 2.90 -18.71	37.32 2.83 -3.57	33.00 2.39 -5.19
PORT_JEFF_4 23616	111.76 2.71 -74.72	40.05 2.86 -4.29	29.69 2.59 3.65	26.34 2.36 4.60	27.53 2.39 4.02	27.87 2.50 5.14	27.81 2.38 4.72	26.37 2.15 3.34	22.69 1.84 2.94	18.28 1.71 4.50	11.94 1.14 2.92	19.97 1.61 1.69	7.70 0.83 3.12	16.99 1.49 2.43	14.68 1.25 1.58	15.26 1.16 -1.81	26.28 2.07 -2.89	29.38 2.44 -1.26	34.40 2.88 0.85	42.44 3.26 4.64	53.91 3.48 -7.77	56.20 2.90 -18.71	37.32 2.83 -3.57	33.00 2.39 -5.19

PORT_JEFF_IC 23713	107.89 2.75 -70.81	40.20 2.88 -4.43	29.84 2.61 3.53	26.47 2.37 4.47	27.65 2.41 3.91	28.03 2.51 5.00	27.96 2.41 4.59	26.52 2.18 3.22	22.81 1.86 2.83	18.47 1.73 4.33	12.05 1.14 2.81	20.05 1.61 1.63	7.82 0.83 3.00	17.10 1.50 2.34	14.76 1.25 1.50	15.39 1.17 -1.94	26.47 2.09 -3.06	29.67 2.50 -1.47	34.72 2.92 0.56	42.61 3.24 4.46	55.44 3.46 -9.31	59.55 2.95 -22.02	37.86 2.86 -4.07	33.27 2.42 -5.43
PPL PILGRIM_ST_GT1 24216	54.46 2.58 -17.56	40.66 2.68 -5.09	30.26 2.43 2.93	26.96 2.24 3.85	28.06 2.28 3.36	28.60 2.40 4.31	28.44 2.26 3.97	26.95 2.05 2.65	23.22 1.77 2.33	19.17 1.66 3.57	12.55 1.11 2.29	20.31 1.57 1.32	8.37 0.82 2.44	17.48 1.45 1.91	15.11 1.22 1.13	15.98 1.14 -2.55	27.16 2.02 -3.83	30.51 2.34 -2.49	35.88 2.75 -0.76	43.38 3.13 3.57	47.62 3.31 -1.64	39.42 2.68 -2.15	36.66 2.66 -3.08	34.24 2.28 -6.53
PPL PILGRIM_ST_GT2 24217	54.46 2.58 -17.56	40.66 2.68 -5.09	30.26 2.43 2.93	26.96 2.24 3.85	28.06 2.28 3.36	28.60 2.40 4.31	28.44 2.26 3.97	26.95 2.05 2.65	23.22 1.77 2.33	19.17 1.66 3.57	12.55 1.11 2.29	20.31 1.57 1.32	8.37 0.82 2.44	17.48 1.45 1.91	15.11 1.22 1.13	15.98 1.14 -2.55	27.16 2.02 -3.83	30.51 2.34 -2.49	35.88 2.75 -0.76	43.38 3.13 3.57	47.62 3.31 -1.64	39.42 2.68 -2.15	36.66 2.66 -3.08	34.24 2.28 -6.53
PPL_SHRM_GT3 24213	110.61 2.93 -73.35	40.37 3.13 -4.34	29.99 2.84 3.61	26.55 2.53 4.55	27.73 2.56 3.98	28.05 2.63 5.09	28.00 2.53 4.68	26.52 2.27 3.30	22.81 1.93 2.90	18.38 1.75 4.44	12.00 1.16 2.89	20.02 1.63 1.67	7.75 0.84 3.08	17.03 1.50 2.40	14.72 1.26 1.56	15.33 1.19 -1.85	26.41 2.15 -2.95	29.56 2.55 -1.33	34.66 3.06 0.76	42.90 3.65 4.58	54.39 3.93 -7.80	56.46 3.21 -18.66	37.64 3.09 -3.62	33.29 2.60 -5.27
PPL_SHRM_GT4 24214	110.61 2.93 -73.35	40.37 3.13 -4.34	29.99 2.84 3.61	26.55 2.53 4.55	27.73 2.56 3.98	28.05 2.63 5.09	28.00 2.53 4.68	26.52 2.27 3.30	22.81 1.93 2.90	18.38 1.75 4.44	12.00 1.16 2.89	20.02 1.63 1.67	7.75 0.84 3.08	17.03 1.50 2.40	14.72 1.26 1.56	15.33 1.19 -1.85	26.41 2.15 -2.95	29.56 2.55 -1.33	34.66 3.06 0.76	42.90 3.65 4.58	54.39 3.93 -7.80	56.46 3.21 -18.66	37.64 3.09 -3.62	33.29 2.60 -5.27
PROJECT___ORANGE 1 24174	33.71 -0.62 0.00	32.26 -0.63 0.00	30.14 -0.62 0.00	27.99 -0.59 0.00	28.56 -0.59 0.00	29.90 -0.61 0.00	29.47 -0.68 0.00	26.90 -0.65 0.00	23.21 -0.58 0.00	20.52 -0.56 0.00	13.36 -0.37 0.00	19.54 -0.52 0.00	9.73 -0.26 0.00	17.46 -0.47 0.00	14.62 -0.39 0.00	11.99 -0.30 0.00	20.79 -0.53 0.00	25.06 -0.63 0.00	31.62 -0.74 0.00	42.87 -0.96 0.00	41.82 -0.84 0.00	33.88 -0.70 0.00	30.28 -0.64 0.00	24.89 -0.52 0.00
PROJECT___ORANGE 2 24166	33.71 -0.62 0.00	32.26 -0.63 0.00	30.14 -0.62 0.00	27.99 -0.59 0.00	28.56 -0.59 0.00	29.90 -0.61 0.00	29.47 -0.68 0.00	26.90 -0.65 0.00	23.21 -0.58 0.00	20.52 -0.56 0.00	13.36 -0.37 0.00	19.54 -0.52 0.00	9.73 -0.26 0.00	17.46 -0.47 0.00	14.62 -0.39 0.00	11.99 -0.30 0.00	20.79 -0.53 0.00	25.06 -0.63 0.00	31.62 -0.74 0.00	42.87 -0.96 0.00	41.82 -0.84 0.00	33.88 -0.70 0.00	30.28 -0.64 0.00	24.89 -0.52 0.00
PUCKETT___SOLAR 323809	34.22 -0.11 0.00	32.68 -0.22 0.00	30.51 -0.25 0.00	28.29 -0.28 0.00	28.92 -0.23 0.00	30.30 -0.21 0.00	29.88 -0.27 0.00	27.33 -0.22 0.00	23.60 -0.19 0.00	20.78 -0.30 0.00	13.40 -0.33 0.00	19.54 -0.52 0.00	9.71 -0.28 0.00	17.44 -0.50 0.00	14.60 -0.41 0.00	12.00 -0.28 0.00	20.87 -0.45 0.00	25.33 -0.36 0.00	32.15 -0.22 0.00	43.83 0.00 0.00	42.89 0.23 0.00	34.68 0.10 0.00	30.93 0.01 0.00	25.39 -0.04 0.00
PYRITES___HYD 24023	35.16 0.84 0.00	33.78 0.88 0.00	31.52 0.77 0.00	29.20 0.63 0.00	29.73 0.58 0.00	31.02 0.51 0.00	30.76 0.62 0.00	27.90 0.34 0.00	23.93 0.15 0.00	21.00 -0.08 0.00	13.66 -0.07 0.00	19.91 -0.15 0.00	9.91 -0.08 0.00	17.71 -0.22 0.00	14.79 -0.22 0.00	12.08 -0.20 0.00	20.99 -0.33 0.00	25.23 -0.45 0.00	32.02 -0.34 0.00	44.05 0.23 0.00	42.93 0.27 0.00	34.97 0.39 0.00	31.26 0.34 0.00	25.62 0.20 0.00
QUAKERRD_115KV_BK1 80622	32.50 -1.82 0.00	31.11 -1.79 0.00	29.02 -1.73 0.00	26.91 -1.67 0.00	27.44 -1.72 0.00	28.70 -1.81 0.00	27.58 -2.09 0.48	24.20 -2.18 1.17	21.86 -1.93 0.00	19.41 -1.67 0.00	12.69 -1.04 0.00	18.58 -1.48 0.00	9.25 -0.74 0.00	16.55 -1.39 0.00	13.84 -1.17 0.00	11.36 -0.92 0.00	19.66 -1.66 0.00	23.65 -2.03 0.00	29.97 -2.39 0.00	40.73 -3.10 0.00	39.80 -2.86 0.00	32.17 -2.31 0.10	28.79 -2.13 0.00	23.65 -1.77 0.00
QUENSBRY_115KV_TB8 356137	35.61 1.28 0.00	34.06 1.16 0.00	31.97 1.22 0.00	29.77 1.19 0.00	30.42 1.27 0.00	31.94 1.43 0.00	31.65 1.50 0.00	29.13 1.57 0.00	25.23 1.44 0.00	22.29 1.22 0.00	14.51 0.78 0.00	21.19 1.13 0.00	10.42 0.44 0.00	18.81 0.87 0.00	15.72 0.71 0.00	12.84 0.55 0.00	22.28 0.95 0.00	26.97 1.28 0.00	34.04 1.68 0.00	46.18 2.35 0.00	44.98 2.31 0.00	36.50 1.92 0.00	32.59 1.67 0.00	26.71 1.29 0.00
RAMAPO___LBMP 323565	35.65 1.32 0.00	34.16 1.26 0.00	31.87 1.12 0.00	29.67 1.09 0.00	30.33 1.17 0.00	31.79 1.28 0.00	31.45 1.30 0.00	28.81 1.26 0.00	24.85 1.06 0.00	22.06 0.98 0.00	14.36 0.63 0.00	20.98 0.92 0.00	10.50 0.51 0.00	18.85 0.92 0.00	15.82 0.81 0.00	13.02 0.73 0.00	22.64 1.32 0.00	27.33 1.65 0.00	34.28 1.91 0.00	46.05 2.22 0.00	44.82 2.15 0.00	36.28 1.70 0.00	32.51 1.59 0.00	26.73 1.31 0.00
RANKINE____ 23646	32.66 -1.66 0.00	31.22 -1.68 0.00	29.07 -1.69 0.00	26.87 -1.71 0.00	27.40 -1.75 0.00	28.62 -1.89 0.00	26.75 -2.46 0.94	12.06 -2.61 12.89	10.20 -2.29 11.30	12.25 -1.92 6.91	11.39 -1.16 1.18	10.82 -1.56 7.69	7.41 -0.80 1.77	6.44 -1.52 9.97	4.36 -1.30 9.35	3.39 -0.99 7.91	8.32 -1.87 11.14	11.08 -2.35 12.25	22.69 -2.87 6.81	39.89 -3.93 0.00	39.14 -3.53 0.00	31.60 -2.77 0.20	28.41 -2.51 0.00	23.35 -2.07 0.00
RAVENSWOOD_GT2_1 24244	36.10 1.77 0.00	34.60 1.71 0.00	32.31 1.56 0.00	30.06 1.48 0.00	30.70 1.55 0.00	32.17 1.67 0.00	31.82 1.67 0.00	29.19 1.63 0.00	25.20 1.41 0.00	22.39 1.32 0.00	14.57 0.84 0.00	21.29 1.23 0.00	10.65 0.67 0.00	19.13 1.20 0.00	16.06 1.04 0.00	13.23 0.94 0.00	22.98 1.66 0.00	27.69 2.01 0.00	34.68 2.32 0.00	46.53 2.70 0.00	45.28 2.62 0.00	36.70 2.12 0.00	32.91 1.99 0.00	27.11 1.68 -0.01
RAVENSWOOD_GT2_2 24245	36.10 1.77 0.00	34.60 1.71 0.00	32.31 1.56 0.00	30.06 1.48 0.00	30.70 1.55 0.00	32.17 1.67 0.00	31.82 1.67 0.00	29.19 1.63 0.00	25.20 1.41 0.00	22.39 1.32 0.00	14.57 0.84 0.00	21.29 1.23 0.00	10.65 0.67 0.00	19.13 1.20 0.00	16.06 1.04 0.00	13.23 0.94 0.00	22.98 1.66 0.00	27.69 2.01 0.00	34.68 2.32 0.00	46.53 2.70 0.00	45.28 2.62 0.00	36.70 2.12 0.00	32.91 1.99 0.00	27.11 1.68 -0.01



RAVENSWOOD_GT2_3 24246	36.11 1.78 0.00	34.62 1.72 0.00	32.32 1.57 0.00	30.07 1.49 0.00	30.71 1.56 0.00	32.18 1.68 0.00	31.82 1.68 0.00	29.19 1.63 0.00	25.21 1.42 0.00	22.40 1.32 0.00	14.58 0.85 0.00	21.30 1.24 0.00	10.66 0.67 0.00	19.14 1.21 0.00	16.06 1.05 0.00	13.23 0.94 0.00	22.99 1.67 0.00	27.71 2.02 0.00	34.70 2.34 0.00	46.54 2.72 0.00	45.31 2.64 0.00	36.71 2.13 0.00	32.92 2.00 0.00	27.12 1.69 -0.01
RAVENSWOOD_GT2_4 24247	36.11 1.78 0.00	34.62 1.72 0.00	32.32 1.57 0.00	30.07 1.49 0.00	30.71 1.56 0.00	32.18 1.68 0.00	31.82 1.68 0.00	29.19 1.63 0.00	25.21 1.42 0.00	22.40 1.32 0.00	14.58 0.85 0.00	21.30 1.24 0.00	10.66 0.67 0.00	19.14 1.21 0.00	16.06 1.05 0.00	13.23 0.94 0.00	22.99 1.67 0.00	27.71 2.02 0.00	34.70 2.34 0.00	46.54 2.72 0.00	45.31 2.64 0.00	36.71 2.13 0.00	32.92 2.00 0.00	27.12 1.69 -0.01
RAVENSWOOD_GT3_1 24248	36.10 1.77 0.00	34.60 1.71 0.00	32.31 1.56 0.00	30.06 1.48 0.00	30.70 1.55 0.00	32.17 1.67 0.00	31.82 1.67 0.00	29.19 1.63 0.00	25.20 1.41 0.00	22.39 1.32 0.00	14.57 0.84 0.00	21.29 1.23 0.00	10.65 0.67 0.00	19.13 1.20 0.00	16.06 1.04 0.00	13.23 0.94 0.00	22.98 1.66 0.00	27.69 2.01 0.00	34.68 2.32 0.00	46.53 2.70 0.00	45.28 2.62 0.00	36.70 2.12 0.00	32.91 1.99 0.00	27.11 1.68 -0.01
RAVENSWOOD_GT3_2 24249	36.10 1.77 0.00	34.60 1.71 0.00	32.31 1.56 0.00	30.06 1.48 0.00	30.70 1.55 0.00	32.17 1.67 0.00	31.82 1.67 0.00	29.19 1.63 0.00	25.20 1.41 0.00	22.39 1.32 0.00	14.57 0.84 0.00	21.29 1.23 0.00	10.65 0.67 0.00	19.13 1.20 0.00	16.06 1.04 0.00	13.23 0.94 0.00	22.98 1.66 0.00	27.69 2.01 0.00	34.68 2.32 0.00	46.53 2.70 0.00	45.28 2.62 0.00	36.70 2.12 0.00	32.91 1.99 0.00	27.11 1.68 -0.01
RAVENSWOOD_GT3_3 24250	36.14 1.81 0.00	34.64 1.74 0.00	32.34 1.59 0.00	30.09 1.51 0.00	30.73 1.58 0.00	32.21 1.70 0.00	31.85 1.70 0.00	29.22 1.66 0.00	25.23 1.44 0.00	22.42 1.34 0.00	14.59 0.86 0.00	21.32 1.26 0.00	10.67 0.68 0.00	19.16 1.22 0.00	16.07 1.06 0.00	13.24 0.96 0.00	23.01 1.69 0.00	27.73 2.05 0.00	34.74 2.37 0.00	46.59 2.76 0.00	45.35 2.68 0.00	36.75 2.17 0.00	32.95 2.03 0.00	27.14 1.72 -0.01
RAVENSWOOD_GT3_4 24251	36.14 1.81 0.00	34.64 1.74 0.00	32.34 1.59 0.00	30.09 1.51 0.00	30.73 1.58 0.00	32.21 1.70 0.00	31.85 1.70 0.00	29.22 1.66 0.00	25.23 1.44 0.00	22.42 1.34 0.00	14.59 0.86 0.00	21.32 1.26 0.00	10.67 0.68 0.00	19.16 1.22 0.00	16.07 1.06 0.00	13.24 0.96 0.00	23.01 1.69 0.00	27.73 2.05 0.00	34.74 2.37 0.00	46.59 2.76 0.00	45.35 2.68 0.00	36.75 2.17 0.00	32.95 2.03 0.00	27.14 1.72 -0.01
RAVENSWOOD_GT_1 23729	36.17 1.85 0.00	34.69 1.79 0.00	32.40 1.65 0.00	30.13 1.55 0.00	30.77 1.62 0.00	32.24 1.73 0.00	31.89 1.74 0.00	29.27 1.71 0.00	25.29 1.50 0.00	22.46 1.39 0.00	14.62 0.89 0.00	21.36 1.30 0.00	10.69 0.70 0.00	19.20 1.27 0.00	16.11 1.10 0.00	13.27 0.98 0.00	23.06 1.74 0.00	27.77 2.08 0.00	35.81 2.41 -1.04	46.68 2.85 0.00	45.44 2.77 0.00	36.82 2.23 0.00	33.00 2.08 0.00	27.20 1.77 -0.01
RAVENSWOOD_GT_10 24258	36.10 1.77 0.00	34.60 1.71 0.00	32.31 1.55 0.00	30.06 1.48 0.00	30.70 1.55 0.00	32.17 1.67 0.00	31.82 1.67 0.00	29.18 1.63 0.00	25.20 1.41 0.00	22.39 1.32 0.00	14.57 0.84 0.00	21.29 1.23 0.00	10.65 0.67 0.00	19.13 1.20 0.00	16.06 1.04 0.00	13.22 0.94 0.00	22.98 1.66 0.00	27.69 2.01 0.00	34.80 2.32 -0.12	46.53 2.70 0.00	45.28 2.61 0.00	36.70 2.12 0.00	32.91 1.98 0.00	27.11 1.68 -0.01
RAVENSWOOD_GT_11 24259	36.10 1.77 0.00	34.60 1.71 0.00	32.31 1.55 0.00	30.06 1.48 0.00	30.70 1.55 0.00	32.17 1.67 0.00	31.82 1.67 0.00	29.18 1.63 0.00	25.20 1.41 0.00	22.39 1.32 0.00	14.57 0.84 0.00	21.29 1.23 0.00	10.65 0.67 0.00	19.13 1.20 0.00	16.06 1.04 0.00	13.22 0.94 0.00	22.98 1.66 0.00	27.69 2.01 0.00	34.80 2.32 -0.12	46.53 2.70 0.00	45.28 2.61 0.00	36.70 2.12 0.00	32.91 1.98 0.00	27.11 1.68 -0.01
RAVENSWOOD_GT_4 24252	36.10 1.77 0.00	34.60 1.70 0.00	32.30 1.55 0.00	30.06 1.48 0.00	30.70 1.55 0.00	32.18 1.67 0.00	31.81 1.67 0.00	29.18 1.62 0.00	25.19 1.41 0.00	22.38 1.31 0.00	14.57 0.84 0.00	21.29 1.23 0.00	10.65 0.67 0.00	19.13 1.20 0.00	16.05 1.04 0.00	13.22 0.94 0.00	22.98 1.66 0.00	27.69 2.00 0.00	35.47 2.32 -0.79	46.51 2.69 0.00	45.27 2.60 0.00	36.68 2.10 0.00	32.90 1.97 0.00	27.10 1.67 -0.01
RAVENSWOOD_GT_5 24254	36.10 1.77 0.00	34.60 1.70 0.00	32.30 1.55 0.00	30.06 1.48 0.00	30.70 1.55 0.00	32.18 1.67 0.00	31.81 1.67 0.00	29.18 1.62 0.00	25.19 1.41 0.00	22.38 1.31 0.00	14.57 0.84 0.00	21.29 1.23 0.00	10.65 0.67 0.00	19.13 1.20 0.00	16.05 1.04 0.00	13.22 0.94 0.00	22.98 1.66 0.00	27.69 2.00 0.00	35.47 2.32 -0.79	46.51 2.69 0.00	45.27 2.60 0.00	36.68 2.10 0.00	32.90 1.97 0.00	27.10 1.67 -0.01
RAVENSWOOD_GT_6 24253	36.10 1.77 0.00	34.60 1.70 0.00	32.30 1.55 0.00	30.06 1.48 0.00	30.70 1.55 0.00	32.18 1.67 0.00	31.81 1.67 0.00	29.18 1.62 0.00	25.19 1.41 0.00	22.38 1.31 0.00	14.57 0.84 0.00	21.29 1.23 0.00	10.65 0.67 0.00	19.13 1.20 0.00	16.05 1.04 0.00	13.22 0.94 0.00	22.98 1.66 0.00	27.69 2.00 0.00	35.47 2.32 -0.79	46.51 2.69 0.00	45.27 2.60 0.00	36.68 2.10 0.00	32.90 1.97 0.00	27.10 1.67 -0.01
RAVENSWOOD_GT_7 24255	36.10 1.77 0.00	34.60 1.70 0.00	32.30 1.55 0.00	30.06 1.48 0.00	30.70 1.55 0.00	32.18 1.67 0.00	31.81 1.67 0.00	29.18 1.62 0.00	25.19 1.41 0.00	22.38 1.31 0.00	14.57 0.84 0.00	21.29 1.23 0.00	10.65 0.67 0.00	19.13 1.20 0.00	16.05 1.04 0.00	13.22 0.94 0.00	22.98 1.66 0.00	27.69 2.00 0.00	35.47 2.32 -0.79	46.51 2.69 0.00	45.27 2.60 0.00	36.68 2.10 0.00	32.90 1.97 0.00	27.10 1.67 -0.01
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	36.10 1.77 0.00	34.60 1.71 0.00	32.31 1.55 0.00	30.06 1.48 0.00	30.70 1.55 0.00	32.17 1.67 0.00	31.82 1.67 0.00	29.18 1.63 0.00	25.20 1.41 0.00	22.39 1.32 0.00	14.57 0.84 0.00	21.29 1.23 0.00	10.65 0.67 0.00	19.13 1.20 0.00	16.06 1.04 0.00	13.22 0.94 0.00	22.98 1.66 0.00	27.69 2.01 0.00	34.80 2.32 -0.12	46.53 2.70 0.00	45.28 2.61 0.00	36.70 2.12 0.00	32.91 1.98 0.00	27.11 1.68 -0.01
RAVENSWOOD_GT_9 24257	36.10 1.77 0.00	34.60 1.71 0.00	32.31 1.55 0.00	30.06 1.48 0.00	30.70 1.55 0.00	32.17 1.67 0.00	31.82 1.67 0.00	29.18 1.63 0.00	25.20 1.41 0.00	22.39 1.32 0.00	14.57 0.84 0.00	21.29 1.23 0.00	10.65 0.67 0.00	19.13 1.20 0.00	16.06 1.04 0.00	13.22 0.94 0.00	22.98 1.66 0.00	27.69 2.01 0.00	34.80 2.32 -0.12	46.53 2.70 0.00	45.28 2.61 0.00	36.70 2.12 0.00	32.91 1.98 0.00	27.11 1.68 -0.01

RAVENSWOOD___1 23533	36.12 1.79 0.00	34.63 1.74 0.00	32.35 1.60 0.00	30.08 1.51 0.00	30.73 1.58 0.00	32.19 1.68 0.00	31.85 1.70 0.00	29.22 1.67 0.00	25.24 1.46 0.00	22.43 1.35 0.00	14.60 0.88 0.00	21.33 1.27 0.00	10.68 0.69 0.00	19.17 1.24 0.00	16.09 1.07 0.00	13.25 0.96 0.00	23.02 1.70 0.00	27.71 2.03 0.00	33.69 2.35 1.02	46.63 2.80 0.00	45.39 2.72 0.00	36.77 2.19 0.00	32.96 2.04 0.00	27.17 1.74 -0.01
RAVENSWOOD___2 23534	36.12 1.79 0.00	34.63 1.74 0.00	32.35 1.60 0.00	30.08 1.51 0.00	30.73 1.58 0.00	32.19 1.68 0.00	31.85 1.70 0.00	29.22 1.67 0.00	25.24 1.46 0.00	22.43 1.35 0.00	14.60 0.88 0.00	21.33 1.27 0.00	10.68 0.69 0.00	19.17 1.24 0.00	16.09 1.07 0.00	13.25 0.96 0.00	23.02 1.70 0.00	27.71 2.03 0.00	33.69 2.35 1.02	46.63 2.80 0.00	45.39 2.72 0.00	36.77 2.19 0.00	32.96 2.04 0.00	27.17 1.74 -0.01
RAVENSWOOD___3 23535	36.09 1.77 0.00	34.60 1.70 0.00	32.31 1.56 0.00	30.06 1.48 0.00	30.70 1.55 0.00	32.18 1.67 0.00	31.81 1.67 0.00	29.18 1.63 0.00	25.20 1.41 0.00	22.39 1.31 0.00	14.58 0.85 0.00	21.30 1.24 0.00	10.65 0.67 0.00	19.13 1.20 0.00	16.06 1.04 0.00	13.23 0.94 0.00	22.98 1.66 0.00	27.69 2.01 0.00	34.69 2.32 0.00	46.53 2.71 0.00	45.30 2.63 0.00	36.70 2.12 0.00	32.92 1.99 0.00	27.11 1.68 -0.01
RAVENSWOOD___4 23820	36.12 1.79 0.00	34.63 1.74 0.00	32.35 1.60 0.00	30.08 1.51 0.00	30.73 1.58 0.00	32.19 1.68 0.00	31.85 1.70 0.00	29.22 1.67 0.00	25.24 1.46 0.00	22.43 1.35 0.00	14.60 0.88 0.00	21.33 1.27 0.00	10.68 0.69 0.00	19.17 1.24 0.00	16.09 1.07 0.00	13.25 0.96 0.00	23.02 1.70 0.00	27.71 2.03 0.00	33.69 2.35 1.02	46.63 2.80 0.00	45.39 2.72 0.00	36.77 2.19 0.00	32.96 2.04 0.00	27.17 1.74 -0.01
RCPL_TRUST___DRP 24196	36.06 1.74 0.00	34.57 1.67 0.00	32.27 1.52 0.00	30.03 1.45 0.00	30.67 1.52 0.00	32.15 1.64 0.00	31.78 1.63 0.00	29.14 1.59 0.00	25.17 1.38 0.00	22.35 1.28 0.00	14.55 0.82 0.00	21.26 1.20 0.00	10.64 0.65 0.00	19.11 1.18 0.00	16.03 1.02 0.00	13.21 0.93 0.00	22.95 1.63 0.00	27.66 1.97 0.00	34.64 2.27 0.00	46.44 2.62 0.00	45.21 2.54 0.00	36.64 2.05 0.00	32.86 1.94 0.00	27.07 1.65 0.00
RED___ROCHESTER 323720	33.21 -1.11 0.00	31.78 -1.12 0.00	29.62 -1.13 0.00	27.44 -1.14 0.00	27.98 -1.17 0.00	29.26 -1.24 0.00	28.00 -1.61 0.54	24.45 -1.78 1.32	22.20 -1.59 0.00	19.74 -1.34 0.00	12.91 -0.81 0.00	18.93 -1.13 0.00	9.42 -0.57 0.00	16.84 -1.10 0.00	14.08 -0.93 0.00	11.58 -0.71 0.00	20.01 -1.31 0.00	24.08 -1.61 0.00	30.53 -1.83 0.00	41.46 -2.37 0.00	40.55 -2.11 0.00	32.77 -1.70 0.12	29.33 -1.59 0.00	24.08 -1.34 0.00
REGAN___SOLAR 323812	35.99 1.66 0.00	34.47 1.58 0.00	32.18 1.42 0.00	29.88 1.31 0.00	30.45 1.30 0.00	31.88 1.37 0.00	31.52 1.38 0.00	28.73 1.17 0.00	24.84 1.05 0.00	21.90 0.83 0.00	14.15 0.42 0.00	20.48 0.43 0.00	9.94 -0.05 0.00	17.87 -0.07 0.00	14.91 -0.10 0.00	12.17 -0.12 0.00	21.19 -0.13 0.00	25.68 0.00 0.00	33.21 0.85 0.00	46.19 2.36 0.00	45.33 2.66 0.00	36.78 2.20 0.00	32.85 1.93 0.00	26.90 1.48 0.00
RENSSELAER___COGEN 23796	34.48 0.15 0.00	33.05 0.16 0.00	31.00 0.24 0.00	28.89 0.31 0.00	29.49 0.34 0.00	30.93 0.42 0.00	30.60 0.45 0.00	28.09 0.53 0.00	24.25 0.47 0.00	21.52 0.45 0.00	14.02 0.30 0.00	20.47 0.41 0.00	10.19 0.21 0.00	18.33 0.40 0.00	15.36 0.35 0.00	12.54 0.26 0.00	21.80 0.47 0.00	26.32 0.63 0.00	33.08 0.72 0.00	44.62 0.79 0.00	43.41 0.75 0.00	35.22 0.64 0.00	31.61 0.69 0.00	26.01 0.59 0.00
REPUBLIC_115KV_BARTNBK 55605	36.49 2.16 0.00	34.91 2.01 0.00	32.92 2.16 0.00	30.62 2.04 0.00	31.39 2.24 0.00	32.92 2.41 0.00	32.71 2.57 0.00	30.29 2.73 0.00	26.27 2.48 0.00	23.05 1.98 0.00	14.94 1.22 0.00	21.82 1.76 0.00	10.69 0.70 0.00	19.28 1.35 0.00	16.08 1.06 0.00	13.21 0.93 0.00	22.75 1.43 0.00	27.61 1.93 0.00	34.53 2.17 0.00	46.88 3.05 0.00	45.87 3.20 0.00	37.39 2.81 0.00	33.30 2.38 0.00	27.16 1.74 0.00
REVERE_CPPR_DRP 24186	35.05 0.73 0.00	33.55 0.65 0.00	31.31 0.56 0.00	29.04 0.46 0.00	29.66 0.51 0.00	31.00 0.49 0.00	30.70 0.56 0.00	28.09 0.54 0.00	24.17 0.38 0.00	21.23 0.15 0.00	13.72 -0.01 0.00	19.97 -0.09 0.00	9.91 -0.08 0.00	17.77 -0.16 0.00	14.85 -0.17 0.00	12.19 -0.09 0.00	21.21 -0.11 0.00	25.66 -0.03 0.00	32.63 0.27 0.00	44.43 0.60 0.00	43.35 0.68 0.00	35.13 0.54 0.00	31.53 0.61 0.00	25.90 0.48 0.00
REYNLDPA_13_KV_LD 356490	34.96 0.63 0.00	33.54 0.64 0.00	31.33 0.57 0.00	29.05 0.48 0.00	29.59 0.44 0.00	30.89 0.38 0.00	30.58 0.44 0.00	27.88 0.32 0.00	24.06 0.27 0.00	21.32 0.24 0.00	13.90 0.17 0.00	20.31 0.25 0.00	10.11 0.12 0.00	18.12 0.18 0.00	15.14 0.13 0.00	12.38 0.09 0.00	21.46 0.14 0.00	25.81 0.12 0.00	32.62 0.25 0.00	44.33 0.51 0.00	43.06 0.39 0.00	34.89 0.31 0.00	31.15 0.23 0.00	25.58 0.15 0.00
REYNOLDS_115KV_TB3 80639	34.67 0.34 0.00	33.23 0.33 0.00	31.17 0.41 0.00	29.05 0.47 0.00	29.65 0.50 0.00	31.12 0.61 0.00	30.79 0.65 0.00	28.27 0.72 0.00	24.42 0.63 0.00	21.68 0.60 0.00	14.13 0.40 0.00	20.62 0.56 0.00	10.27 0.28 0.00	18.47 0.54 0.00	15.48 0.47 0.00	12.64 0.35 0.00	21.96 0.64 0.00	26.51 0.82 0.00	33.30 0.93 0.00	44.95 1.13 0.00	43.72 1.05 0.00	35.46 0.87 0.00	31.82 0.90 0.00	26.19 0.76 0.00
RIVERBAY____ 323610	36.66 2.33 0.00	35.16 2.26 0.00	32.87 2.12 0.00	30.56 1.98 0.00	31.23 2.08 0.00	32.72 2.21 0.00	32.41 2.26 0.00	29.79 2.23 0.00	25.74 1.95 0.00	22.84 1.76 0.00	14.86 1.13 0.00	21.71 1.65 0.00	10.86 0.88 0.00	19.49 1.56 0.00	16.35 1.34 0.00	13.47 1.18 0.00	23.40 2.08 0.00	28.19 2.51 0.00	35.31 2.95 0.00	47.43 3.61 0.00	46.22 3.55 0.00	37.43 2.85 0.00	33.57 2.65 0.00	27.61 2.18 -0.01
RIVERSDE_115KV_TB3 55908	34.59 0.26 0.00	33.15 0.25 0.00	31.09 0.34 0.00	28.98 0.41 0.00	29.58 0.43 0.00	31.03 0.52 0.00	30.70 0.56 0.00	28.19 0.63 0.00	24.34 0.56 0.00	21.61 0.53 0.00	14.08 0.36 0.00	20.56 0.50 0.00	10.23 0.25 0.00	18.41 0.48 0.00	15.43 0.42 0.00	12.59 0.31 0.00	21.89 0.56 0.00	26.43 0.74 0.00	33.21 0.84 0.00	44.81 0.98 0.00	43.59 0.92 0.00	35.36 0.78 0.00	31.73 0.81 0.00	26.11 0.69 0.00
ROARING___BROOK_WT_PWR 323790	34.25 -0.07 0.00	32.89 -0.01 0.00	30.75 0.00 0.00	28.52 -0.06 0.00	29.00 -0.15 0.00	30.23 -0.28 0.00	30.02 -0.12 0.00	27.46 -0.10 0.00	23.73 -0.06 0.00	20.98 -0.10 0.00	13.65 -0.08 0.00	19.88 -0.17 0.00	9.87 -0.11 0.00	17.74 -0.20 0.00	14.86 -0.16 0.00	12.17 -0.12 0.00	21.12 -0.20 0.00	25.31 -0.38 0.00	31.89 -0.48 0.00	43.25 -0.57 0.00	41.90 -0.77 0.00	34.00 -0.58 0.00	30.60 -0.33 0.00	25.28 -0.14 0.00

ROCHESRG_115KV_T4 355643	32.91 -1.42 0.00	31.50 -1.40 0.00	29.38 -1.37 0.00	27.22 -1.36 0.00	27.75 -1.40 0.00	29.02 -1.49 0.00	27.77 -1.85 0.53	22.73 -2.01 2.81	20.39 -1.78 1.61	18.59 -1.51 0.98	12.65 -0.91 0.17	17.68 -1.28 1.10	9.09 -0.64 0.25	15.29 -1.23 1.42	12.64 -1.04 1.33	10.36 -0.80 1.13	18.25 -1.48 1.59	22.08 -1.85 1.75	29.22 -2.17 0.97	40.99 -2.83 0.00	40.12 -2.55 0.00	32.43 -2.04 0.12	29.03 -1.89 0.00	23.85 -1.57 0.00
ROCHESTER_9_IC 23652	33.07 -1.26 0.00	31.65 -1.25 0.00	29.50 -1.25 0.00	27.34 -1.24 0.00	27.87 -1.28 0.00	29.15 -1.36 0.00	27.88 -1.72 0.54	24.34 -1.90 1.32	22.10 -1.69 0.00	19.64 -1.43 0.00	12.87 -0.86 0.00	18.85 -1.21 0.00	9.38 -0.60 0.00	16.77 -1.16 0.00	14.03 -0.98 0.00	11.53 -0.76 0.00	19.92 -1.40 0.00	23.94 -1.74 0.00	30.36 -2.01 0.00	41.23 -2.60 0.00	40.34 -2.32 0.00	32.61 -1.86 0.12	29.18 -1.74 0.00	23.97 -1.46 0.00
ROCKVIEW_13_KV_LD 356306	36.12 1.80 0.00	34.62 1.73 0.00	32.32 1.57 0.00	30.06 1.48 0.00	30.68 1.53 0.00	32.16 1.65 0.00	31.79 1.65 0.00	29.14 1.58 0.00	25.15 1.37 0.00	22.34 1.27 0.00	14.54 0.81 0.00	21.25 1.19 0.00	10.63 0.64 0.00	19.09 1.15 0.00	16.01 1.00 0.00	13.18 0.90 0.00	22.92 1.60 0.00	27.63 1.95 0.00	34.64 2.28 0.00	46.51 2.68 0.00	45.29 2.62 0.00	36.69 2.10 0.00	32.89 1.97 0.00	27.06 1.64 0.00
ROME____115KV_TB2 80656	35.05 0.73 0.00	33.55 0.65 0.00	31.31 0.56 0.00	29.04 0.46 0.00	29.66 0.51 0.00	31.00 0.49 0.00	30.70 0.56 0.00	28.09 0.54 0.00	24.17 0.38 0.00	21.23 0.15 0.00	13.72 -0.01 0.00	19.97 -0.09 0.00	9.91 -0.08 0.00	17.77 -0.16 0.00	14.85 -0.17 0.00	12.19 -0.09 0.00	21.21 -0.11 0.00	25.66 -0.03 0.00	32.63 0.27 0.00	44.43 0.60 0.00	43.35 0.68 0.00	35.13 0.54 0.00	31.53 0.61 0.00	25.90 0.48 0.00
ROSETON___1 23587	35.58 1.25 0.00	34.10 1.20 0.00	31.86 1.10 0.00	29.67 1.09 0.00	30.32 1.17 0.00	31.78 1.27 0.00	31.42 1.27 0.00	28.79 1.23 0.00	24.85 1.06 0.00	22.06 0.98 0.00	14.36 0.63 0.00	20.99 0.92 0.00	10.49 0.50 0.00	18.85 0.91 0.00	15.80 0.79 0.00	12.98 0.70 0.00	22.57 1.25 0.00	27.24 1.55 0.00	34.17 1.81 0.00	45.95 2.12 0.00	44.73 2.06 0.00	36.24 1.66 0.00	32.48 1.56 0.00	26.72 1.29 0.00
ROSETON___2 23588	35.58 1.25 0.00	34.10 1.20 0.00	31.86 1.10 0.00	29.67 1.09 0.00	30.32 1.17 0.00	31.78 1.27 0.00	31.42 1.27 0.00	28.79 1.23 0.00	24.85 1.06 0.00	22.06 0.98 0.00	14.36 0.63 0.00	20.99 0.92 0.00	10.49 0.50 0.00	18.85 0.91 0.00	15.80 0.79 0.00	12.98 0.70 0.00	22.57 1.25 0.00	27.24 1.55 0.00	34.17 1.81 0.00	45.95 2.12 0.00	44.73 2.06 0.00	36.24 1.66 0.00	32.48 1.56 0.00	26.72 1.29 0.00
ROTRRDAM_115KV_TB3 80664	35.02 0.70 0.00	33.56 0.67 0.00	31.42 0.67 0.00	29.24 0.66 0.00	29.85 0.70 0.00	31.29 0.78 0.00	30.94 0.79 0.00	28.34 0.79 0.00	24.48 0.69 0.00	21.69 0.62 0.00	14.13 0.40 0.00	20.62 0.56 0.00	10.24 0.25 0.00	18.43 0.49 0.00	15.42 0.41 0.00	12.59 0.31 0.00	21.89 0.57 0.00	26.43 0.75 0.00	33.33 0.97 0.00	45.16 1.34 0.00	43.97 1.30 0.00	35.66 1.07 0.00	31.92 1.00 0.00	26.24 0.82 0.00
RUSSELL___1 23602	33.22 -1.10 0.00	31.78 -1.12 0.00	29.63 -1.13 0.00	27.44 -1.13 0.00	27.98 -1.17 0.00	29.27 -1.24 0.00	28.00 -1.61 0.54	24.44 -1.79 1.32	22.18 -1.61 0.00	19.72 -1.35 0.00	12.92 -0.81 0.00	18.93 -1.13 0.00	9.42 -0.57 0.00	16.83 -1.10 0.00	14.08 -0.93 0.00	11.57 -0.71 0.00	20.00 -1.32 0.00	24.05 -1.64 0.00	30.52 -1.84 0.00	41.46 -2.36 0.00	40.57 -2.10 0.00	32.78 -1.68 0.12	29.33 -1.59 0.00	24.08 -1.34 0.00
RUSSELL___2 23532	33.22 -1.10 0.00	31.78 -1.12 0.00	29.63 -1.13 0.00	27.44 -1.13 0.00	27.98 -1.17 0.00	29.27 -1.24 0.00	28.00 -1.61 0.54	24.44 -1.79 1.32	22.18 -1.61 0.00	19.72 -1.35 0.00	12.92 -0.81 0.00	18.93 -1.13 0.00	9.42 -0.57 0.00	16.83 -1.10 0.00	14.08 -0.93 0.00	11.57 -0.71 0.00	20.00 -1.32 0.00	24.05 -1.64 0.00	30.52 -1.84 0.00	41.46 -2.36 0.00	40.57 -2.10 0.00	32.78 -1.68 0.12	29.33 -1.59 0.00	24.08 -1.34 0.00
RUSSELL___3 23549	33.22 -1.10 0.00	31.78 -1.12 0.00	29.63 -1.13 0.00	27.44 -1.13 0.00	27.98 -1.17 0.00	29.27 -1.24 0.00	28.00 -1.61 0.54	24.44 -1.79 1.32	22.18 -1.61 0.00	19.72 -1.35 0.00	12.92 -0.81 0.00	18.93 -1.13 0.00	9.42 -0.57 0.00	16.83 -1.10 0.00	14.08 -0.93 0.00	11.57 -0.71 0.00	20.00 -1.32 0.00	24.05 -1.64 0.00	30.52 -1.84 0.00	41.46 -2.36 0.00	40.57 -2.10 0.00	32.78 -1.68 0.12	29.33 -1.59 0.00	24.08 -1.34 0.00
RUSSELL___4 23556	33.22 -1.10 0.00	31.78 -1.12 0.00	29.63 -1.13 0.00	27.44 -1.13 0.00	27.98 -1.17 0.00	29.27 -1.24 0.00	28.00 -1.61 0.54	24.44 -1.79 1.32	22.18 -1.61 0.00	19.72 -1.35 0.00	12.92 -0.81 0.00	18.93 -1.13 0.00	9.42 -0.57 0.00	16.83 -1.10 0.00	14.08 -0.93 0.00	11.57 -0.71 0.00	20.00 -1.32 0.00	24.05 -1.64 0.00	30.52 -1.84 0.00	41.46 -2.36 0.00	40.57 -2.10 0.00	32.78 -1.68 0.12	29.33 -1.59 0.00	24.08 -1.34 0.00
RUSSELL___STATION 23914	33.22 -1.10 0.00	31.78 -1.12 0.00	29.63 -1.13 0.00	27.44 -1.13 0.00	27.98 -1.17 0.00	29.27 -1.24 0.00	28.00 -1.61 0.54	24.44 -1.79 1.32	22.18 -1.61 0.00	19.72 -1.35 0.00	12.92 -0.81 0.00	18.93 -1.13 0.00	9.42 -0.57 0.00	16.83 -1.10 0.00	14.08 -0.93 0.00	11.57 -0.71 0.00	20.00 -1.32 0.00	24.05 -1.64 0.00	30.52 -1.84 0.00	41.46 -2.36 0.00	40.57 -2.10 0.00	32.78 -1.68 0.12	29.33 -1.59 0.00	24.08 -1.34 0.00
S SALMON___HYD 24043	33.43 -0.89 0.00	32.03 -0.87 0.00	29.92 -0.84 0.00	27.75 -0.83 0.00	28.28 -0.87 0.00	29.54 -0.97 0.00	29.25 -0.90 0.00	26.71 -0.85 0.00	22.90 -0.89 0.00	20.18 -0.90 0.00	13.11 -0.62 0.00	19.11 -0.95 0.00	9.50 -0.49 0.00	17.01 -0.92 0.00	14.20 -0.81 0.00	11.64 -0.65 0.00	20.18 -1.14 0.00	24.28 -1.41 0.00	30.75 -1.62 0.00	41.98 -1.84 0.00	41.01 -1.65 0.00	33.32 -1.26 0.00	30.09 -0.83 0.00	24.74 -0.68 0.00
S.PERRY__115KV_TB1 80734	33.78 -0.54 0.00	32.18 -0.71 0.00	29.91 -0.85 0.00	27.64 -0.94 0.00	28.22 -0.93 0.00	29.57 -0.93 0.00	27.53 -1.27 1.35	56.99 -1.59 -31.02	58.75 -1.69 -36.66	41.95 -1.50 -22.37	16.57 -0.98 -3.82	43.56 -1.40 -24.90	15.03 -0.71 -5.75	48.96 -1.29 -32.32	44.21 -1.09 -30.28	37.09 -0.83 -25.63	55.89 -1.51 -36.08	63.60 -1.76 -39.67	52.44 -1.97 -22.04	41.86 -1.97 0.00	41.50 -1.17 0.00	33.38 -0.90 0.30	29.96 -0.96 0.00	24.56 -0.86 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.30 -2.03 0.00	30.91 -1.99 0.00	28.79 -1.97 0.00	26.62 -1.96 0.00	27.13 -2.02 0.00	28.34 -2.17 0.00	26.51 -2.77 0.87	12.34 -2.95 12.27	10.40 -2.57 10.81	12.32 -2.15 6.60	11.32 -1.28 1.13	10.97 -1.74 7.35	7.41 -0.88 1.70	6.71 -1.69 9.54	4.63 -1.45 8.93	3.61 -1.11 7.56	8.59 -2.09 10.64	11.31 -2.66 11.72	22.61 -3.24 6.51	39.39 -4.44 0.00	38.64 -4.02 0.00	31.22 -3.17 0.19	28.05 -2.88 0.00	23.06 -2.36 0.00

SAWYER___23_KV_LOAD 55526	32.30 -2.03 0.00	30.91 -1.99 0.00	28.79 -1.97 0.00	26.62 -1.96 0.00	27.13 -2.02 0.00	28.34 -2.17 0.00	26.51 -2.77 0.87	12.34 -2.95 12.27	10.40 -2.57 10.81	12.32 -2.15 6.60	11.32 -1.28 1.13	10.97 -1.74 7.35	7.41 -0.88 1.70	6.71 -1.69 9.54	4.63 -1.45 8.93	3.61 -1.11 7.56	8.59 -2.09 10.64	11.31 -2.66 11.72	22.61 -3.24 6.51	39.39 -4.44 0.00	38.64 -4.02 0.00	31.22 -3.17 0.19	28.05 -2.88 0.00	23.06 -2.36 0.00
SELKIRK___I 23801	34.84 0.51 0.00	33.39 0.49 0.00	31.30 0.54 0.00	29.16 0.59 0.00	29.77 0.61 0.00	31.20 0.70 0.00	30.85 0.70 0.00	28.28 0.73 0.00	24.40 0.62 0.00	21.62 0.54 0.00	14.08 0.35 0.00	20.53 0.47 0.00	10.19 0.21 0.00	18.34 0.41 0.00	15.36 0.34 0.00	12.53 0.25 0.00	21.78 0.45 0.00	26.32 0.63 0.00	33.22 0.85 0.00	44.95 1.12 0.00	43.76 1.09 0.00	35.49 0.91 0.00	31.82 0.90 0.00	26.19 0.76 0.00
SELKIRK___II 23799	34.66 0.34 0.00	33.22 0.32 0.00	31.14 0.38 0.00	29.00 0.42 0.00	29.61 0.46 0.00	31.04 0.53 0.00	30.70 0.56 0.00	28.15 0.60 0.00	24.31 0.52 0.00	21.56 0.48 0.00	14.05 0.32 0.00	20.52 0.46 0.00	10.22 0.23 0.00	18.38 0.44 0.00	15.40 0.38 0.00	12.57 0.29 0.00	21.85 0.53 0.00	26.37 0.69 0.00	33.16 0.80 0.00	44.77 0.94 0.00	43.56 0.89 0.00	35.34 0.76 0.00	31.69 0.77 0.00	26.07 0.65 0.00
SENECA OSWGO___HYD 24041	33.33 -1.00 0.00	31.91 -0.99 0.00	29.81 -0.95 0.00	27.69 -0.89 0.00	28.25 -0.90 0.00	29.58 -0.93 0.00	29.16 -0.99 0.00	26.63 -0.93 0.00	22.94 -0.84 0.00	20.29 -0.78 0.00	13.20 -0.52 0.00	19.30 -0.76 0.00	9.60 -0.38 0.00	17.25 -0.69 0.00	14.43 -0.58 0.00	11.83 -0.45 0.00	20.52 -0.80 0.00	24.72 -0.97 0.00	31.20 -1.17 0.00	42.34 -1.49 0.00	41.31 -1.36 0.00	33.48 -1.11 0.00	29.93 -0.99 0.00	24.61 -0.81 0.00
SENECA___115KV_TB3 355854	32.70 -1.62 0.00	31.27 -1.63 0.00	29.11 -1.65 0.00	26.90 -1.67 0.00	27.44 -1.72 0.00	28.66 -1.85 0.00	26.78 -2.42 0.94	12.09 -2.58 12.89	10.23 -2.26 11.30	12.27 -1.90 6.91	11.41 -1.14 1.18	10.84 -1.53 7.69	7.43 -0.78 1.77	6.46 -1.50 9.97	4.38 -1.29 9.35	3.40 -0.97 7.91	8.34 -1.85 11.14	11.12 -2.32 12.25	22.73 -2.82 6.81	39.95 -3.87 0.00	39.19 -3.47 0.00	31.64 -2.73 0.20	28.45 -2.47 0.00	23.39 -2.03 0.00
SENECA___ENERGY 23797	33.44 -0.89 0.00	31.98 -0.92 0.00	29.82 -0.93 0.00	27.64 -0.94 0.00	28.20 -0.95 0.00	29.53 -0.98 0.00	28.84 -1.11 0.19	28.30 -1.12 -1.86	25.27 -0.99 -2.48	21.66 -0.92 -1.51	13.35 -0.63 -0.26	20.82 -0.92 -1.68	9.92 -0.45 -0.39	19.31 -0.80 -2.18	16.38 -0.67 -2.04	13.48 -0.53 -1.73	22.83 -0.92 -2.43	27.30 -1.06 -2.68	32.57 -1.28 -1.49	42.34 -1.49 0.00	41.39 -1.27 0.00	33.48 -1.06 0.04	29.93 -0.99 0.00	24.54 -0.88 0.00
SHOEMAKER___GT 23640	35.48 1.16 0.00	33.99 1.10 0.00	31.74 0.98 0.00	29.54 0.96 0.00	30.19 1.04 0.00	31.64 1.13 0.00	31.28 1.13 0.00	28.63 1.08 0.00	24.68 0.89 0.00	21.88 0.81 0.00	14.22 0.49 0.00	20.79 0.73 0.00	10.38 0.40 0.00	18.65 0.72 0.00	15.64 0.63 0.00	12.84 0.56 0.00	22.33 1.01 0.00	26.97 1.29 0.00	33.91 1.55 0.00	45.70 1.88 0.00	44.53 1.86 0.00	36.07 1.49 0.00	32.31 1.39 0.00	26.56 1.14 0.00
SHOEMAKR_138KV_BK 111 55601	35.49 1.16 0.00	34.00 1.10 0.00	31.74 0.99 0.00	29.54 0.96 0.00	30.19 1.04 0.00	31.64 1.13 0.00	31.29 1.14 0.00	28.65 1.09 0.00	24.69 0.91 0.00	21.90 0.82 0.00	14.24 0.51 0.00	20.81 0.75 0.00	10.39 0.40 0.00	18.68 0.74 0.00	15.66 0.64 0.00	12.86 0.58 0.00	22.36 1.04 0.00	27.01 1.32 0.00	33.95 1.59 0.00	45.73 1.90 0.00	44.54 1.88 0.00	36.08 1.50 0.00	32.31 1.39 0.00	26.56 1.14 0.00
SHOREHAM_IC_1 23715	110.61 2.93 -73.35	40.37 3.13 -4.34	29.99 2.84 3.61	26.55 2.53 4.55	27.73 2.56 3.98	28.05 2.63 5.09	28.00 2.53 4.68	26.52 2.27 3.30	22.81 1.93 2.90	18.38 1.75 4.44	12.00 1.16 2.89	20.02 1.63 1.67	7.75 0.84 3.08	17.03 1.50 2.40	14.72 1.26 1.56	15.33 1.19 -1.85	26.41 2.15 -2.95	29.56 2.55 -1.33	34.66 3.06 0.76	42.90 3.65 4.58	54.39 3.93 -7.80	56.46 3.21 -18.66	37.64 3.09 -3.62	33.29 2.60 -5.27
SHOREHAM_IC_2 23716	110.62 2.94 -73.35	40.35 3.11 -4.34	29.97 2.83 3.61	26.55 2.52 4.55	27.72 2.55 3.98	28.05 2.63 5.09	28.00 2.52 4.68	26.53 2.28 3.30	22.81 1.93 2.90	18.39 1.76 4.44	11.99 1.15 2.89	20.01 1.62 1.67	7.74 0.84 3.08	17.04 1.50 2.40	14.71 1.26 1.56	15.33 1.19 -1.85	26.41 2.14 -2.95	29.59 2.58 -1.33	34.66 3.05 0.76	42.90 3.65 4.58	54.39 3.93 -7.80	56.46 3.21 -18.66	37.63 3.09 -3.62	33.28 2.60 -5.27
SISSONVILLE____ 23735	34.28 -0.05 0.00	32.91 0.01 0.00	30.74 -0.02 0.00	28.47 -0.10 0.00	28.99 -0.16 0.00	30.23 -0.28 0.00	29.98 -0.16 0.00	27.28 -0.27 0.00	23.46 -0.32 0.00	20.68 -0.39 0.00	13.46 -0.26 0.00	19.62 -0.44 0.00	9.75 -0.24 0.00	17.45 -0.48 0.00	14.57 -0.45 0.00	11.90 -0.38 0.00	20.67 -0.65 0.00	24.83 -0.86 0.00	31.48 -0.89 0.00	43.04 -0.79 0.00	41.69 -0.98 0.00	33.96 -0.62 0.00	30.43 -0.49 0.00	24.97 -0.45 0.00
SITHE_IND_GS1 24169	33.13 -1.20 0.00	31.74 -1.16 0.00	29.65 -1.10 0.00	27.55 -1.03 0.00	28.10 -1.05 0.00	29.42 -1.09 0.00	29.00 -1.14 0.00	26.49 -1.07 0.00	22.88 -0.91 0.00	20.26 -0.81 0.00	13.19 -0.54 0.00	19.28 -0.78 0.00	9.60 -0.39 0.00	17.23 -0.70 0.00	14.42 -0.59 0.00	11.82 -0.47 0.00	20.48 -0.84 0.00	24.65 -1.04 0.00	31.03 -1.34 0.00	42.05 -1.78 0.00	41.01 -1.66 0.00	33.23 -1.35 0.00	29.72 -1.21 0.00	24.45 -0.97 0.00
SITHE_IND_GS2 24170	33.13 -1.20 0.00	31.74 -1.16 0.00	29.65 -1.10 0.00	27.55 -1.03 0.00	28.10 -1.05 0.00	29.42 -1.09 0.00	29.00 -1.14 0.00	26.49 -1.07 0.00	22.88 -0.91 0.00	20.26 -0.81 0.00	13.19 -0.54 0.00	19.28 -0.78 0.00	9.60 -0.39 0.00	17.23 -0.70 0.00	14.42 -0.59 0.00	11.82 -0.47 0.00	20.48 -0.84 0.00	24.65 -1.04 0.00	31.03 -1.34 0.00	42.05 -1.78 0.00	41.01 -1.66 0.00	33.23 -1.35 0.00	29.72 -1.21 0.00	24.45 -0.97 0.00
SITHE_IND_GS3 24171	33.13 -1.20 0.00	31.74 -1.16 0.00	29.65 -1.10 0.00	27.55 -1.03 0.00	28.10 -1.05 0.00	29.42 -1.09 0.00	29.00 -1.14 0.00	26.49 -1.07 0.00	22.88 -0.91 0.00	20.26 -0.81 0.00	13.19 -0.54 0.00	19.28 -0.78 0.00	9.60 -0.39 0.00	17.23 -0.70 0.00	14.42 -0.59 0.00	11.82 -0.47 0.00	20.48 -0.84 0.00	24.65 -1.04 0.00	31.03 -1.34 0.00	42.05 -1.78 0.00	41.01 -1.66 0.00	33.23 -1.35 0.00	29.72 -1.21 0.00	24.45 -0.97 0.00
SITHE_IND_GS4 24172	33.13 -1.20 0.00	31.74 -1.16 0.00	29.65 -1.10 0.00	27.55 -1.03 0.00	28.10 -1.05 0.00	29.42 -1.09 0.00	29.00 -1.14 0.00	26.49 -1.07 0.00	22.88 -0.91 0.00	20.26 -0.81 0.00	13.19 -0.54 0.00	19.28 -0.78 0.00	9.60 -0.39 0.00	17.23 -0.70 0.00	14.42 -0.59 0.00	11.82 -0.47 0.00	20.48 -0.84 0.00	24.65 -1.04 0.00	31.03 -1.34 0.00	42.05 -1.78 0.00	41.01 -1.66 0.00	33.23 -1.35 0.00	29.72 -1.21 0.00	24.45 -0.97 0.00

SITHE___BATAVIA 24024	33.19 -1.13 0.00	31.73 -1.16 0.00	29.56 -1.19 0.00	27.35 -1.23 0.00	27.89 -1.26 0.00	29.18 -1.33 0.00	27.60 -1.86 0.69	18.65 -2.09 6.82	16.31 -2.01 5.47	16.03 -1.69 3.36	12.05 -1.10 0.57	14.83 -1.49 3.73	8.34 -0.78 0.86	11.61 -1.48 4.85	9.21 -1.26 4.54	7.48 -0.97 3.84	14.10 -1.80 5.41	17.51 -2.22 5.96	26.47 -2.59 3.31	40.58 -3.25 0.00	40.01 -2.65 0.00	32.38 -2.05 0.15	29.00 -1.93 0.00	23.79 -1.64 0.00
SITHE___INDEPEND 23800	33.13 -1.19 0.00	31.74 -1.16 0.00	29.65 -1.10 0.00	27.55 -1.03 0.00	28.10 -1.05 0.00	29.41 -1.09 0.00	29.00 -1.14 0.00	26.48 -1.07 0.00	22.88 -0.91 0.00	20.26 -0.82 0.00	13.19 -0.54 0.00	19.28 -0.78 0.00	9.60 -0.39 0.00	17.23 -0.70 0.00	14.42 -0.59 0.00	11.82 -0.47 0.00	20.48 -0.84 0.00	24.64 -1.04 0.00	31.02 -1.34 0.00	42.05 -1.78 0.00	41.01 -1.66 0.00	33.23 -1.35 0.00	29.72 -1.21 0.00	24.45 -0.97 0.00
SITHE___MASSENA 23902	34.98 0.65 0.00	33.58 0.68 0.00	31.36 0.60 0.00	29.08 0.50 0.00	29.61 0.46 0.00	30.90 0.39 0.00	30.60 0.46 0.00	27.88 0.33 0.00	24.04 0.25 0.00	21.29 0.21 0.00	13.88 0.15 0.00	20.26 0.20 0.00	10.08 0.09 0.00	18.06 0.13 0.00	15.10 0.09 0.00	12.34 0.06 0.00	21.40 0.08 0.00	25.73 0.04 0.00	32.53 0.17 0.00	44.27 0.44 0.00	42.88 0.21 0.00	34.88 0.30 0.00	31.16 0.24 0.00	25.58 0.16 0.00
SITHE___OGDNSBRG 24021	35.33 1.01 0.00	33.92 1.02 0.00	31.66 0.91 0.00	29.34 0.76 0.00	29.87 0.72 0.00	31.17 0.66 0.00	30.90 0.75 0.00	28.03 0.47 0.00	24.08 0.29 0.00	21.17 0.09 0.00	13.78 0.05 0.00	20.10 0.04 0.00	10.00 0.02 0.00	17.90 -0.04 0.00	14.95 -0.07 0.00	12.22 -0.07 0.00	21.21 -0.11 0.00	25.49 -0.20 0.00	32.31 -0.05 0.00	44.35 0.52 0.00	43.21 0.54 0.00	35.18 0.61 0.00	31.44 0.51 0.00	25.76 0.34 0.00
SITHE___STERLING 23777	34.75 0.43 0.00	33.25 0.35 0.00	31.05 0.30 0.00	28.82 0.25 0.00	29.44 0.29 0.00	30.81 0.30 0.00	30.47 0.32 0.00	27.86 0.31 0.00	24.00 0.21 0.00	21.11 0.03 0.00	13.67 -0.06 0.00	19.93 -0.13 0.00	9.90 -0.09 0.00	17.76 -0.17 0.00	14.85 -0.16 0.00	12.19 -0.09 0.00	21.20 -0.13 0.00	25.61 -0.08 0.00	32.47 0.10 0.00	44.19 0.36 0.00	43.17 0.50 0.00	34.96 0.38 0.00	31.31 0.39 0.00	25.72 0.30 0.00
SLEIGHT__34_KV_TB1 80719	33.19 -1.14 0.00	31.74 -1.16 0.00	29.63 -1.13 0.00	27.44 -1.13 0.00	27.98 -1.17 0.00	29.28 -1.22 0.00	28.41 -1.45 0.29	25.29 -1.56 0.71	22.38 -1.40 0.00	19.83 -1.25 0.00	12.93 -0.80 0.00	18.91 -1.15 0.00	9.42 -0.57 0.00	16.87 -1.07 0.00	14.12 -0.90 0.00	11.58 -0.71 0.00	20.08 -1.25 0.00	24.20 -1.49 0.00	30.70 -1.66 0.00	41.74 -2.09 0.00	40.82 -1.85 0.00	33.02 -1.50 0.06	29.51 -1.41 0.00	24.21 -1.21 0.00
SMITHTWN_69_KV_BK 1 55830	105.51 2.69 -68.49	40.22 2.80 -4.52	29.85 2.55 3.45	26.49 2.31 4.40	27.66 2.35 3.84	28.06 2.47 4.91	27.99 2.35 4.51	26.57 2.14 3.12	22.86 1.83 2.75	18.57 1.70 4.21	12.12 1.12 2.73	20.07 1.59 1.57	7.90 0.82 2.91	17.15 1.49 2.27	14.81 1.24 1.44	15.49 1.16 -2.05	26.59 2.07 -3.20	29.84 2.50 -1.65	34.94 2.92 0.34	42.82 3.30 4.31	59.64 3.50 -13.47	69.19 2.95 -31.67	38.90 2.83 -5.15	33.43 2.39 -5.63
SOUTH CAIRO___GT 23612	35.66 1.34 0.00	34.12 1.23 0.00	31.98 1.22 0.00	29.79 1.22 0.00	30.42 1.27 0.00	31.91 1.40 0.00	31.59 1.44 0.00	28.97 1.41 0.00	25.03 1.24 0.00	22.21 1.13 0.00	14.37 0.64 0.00	20.94 0.88 0.00	10.39 0.41 0.00	18.57 0.64 0.00	15.55 0.54 0.00	12.68 0.40 0.00	22.07 0.75 0.00	26.79 1.11 0.00	33.91 1.55 0.00	46.09 2.27 0.00	45.02 2.35 0.00	36.51 1.93 0.00	32.67 1.75 0.00	26.83 1.41 0.00
SOUTH HAMPTN___IC 23720	112.65 3.29 -75.03	40.70 3.52 -4.28	30.27 3.17 3.66	26.65 2.69 4.61	27.75 2.63 4.03	27.91 2.55 5.15	27.90 2.49 4.73	26.43 2.22 3.35	22.71 1.87 2.95	18.25 1.69 4.51	11.91 1.11 2.93	19.91 1.54 1.70	7.66 0.80 3.13	16.93 1.43 2.44	14.66 1.24 1.59	15.33 1.25 -1.79	26.48 2.28 -2.88	29.55 2.63 -1.23	34.57 3.09 0.88	43.07 3.90 4.66	54.35 4.43 -7.26	55.78 3.67 -17.53	37.83 3.48 -3.43	33.47 2.88 -5.17
SOUTHDOW_115KV_TB1 355954	33.64 -0.69 0.00	32.13 -0.77 0.00	29.90 -0.86 0.00	27.58 -1.00 0.00	28.25 -0.90 0.00	29.55 -0.96 0.00	27.58 -1.49 1.08	17.11 -1.67 8.77	15.81 -1.45 6.52	15.96 -1.14 3.99	12.42 -0.63 0.68	14.84 -0.78 4.44	8.50 -0.46 1.02	11.20 -0.98 5.76	8.80 -0.82 5.39	7.16 -0.56 4.57	13.68 -1.22 6.43	17.50 -1.44 6.75	26.83 -1.76 3.78	41.24 -2.58 0.00	40.33 -2.34 0.00	32.38 -1.96 0.24	29.29 -1.63 0.00	24.19 -1.23 0.00
SOUTHOLD_69_KV_BK 2 55809	112.83 3.54 -74.97	40.97 3.79 -4.28	30.48 3.38 3.66	26.65 2.68 4.61	27.65 2.53 4.02	27.62 2.25 5.15	27.67 2.25 4.73	26.20 2.00 3.35	22.50 1.66 2.94	18.07 1.50 4.51	11.78 0.98 2.93	19.68 1.32 1.70	7.55 0.70 3.13	16.73 1.23 2.44	14.54 1.12 1.59	15.32 1.24 -1.79	26.49 2.29 -2.88	29.48 2.56 -1.24	34.37 2.88 0.87	43.05 3.88 4.66	54.65 4.72 -7.26	56.10 3.98 -17.54	38.09 3.73 -3.44	33.66 3.07 -5.17
SOUTHOLD___IC 23719	112.83 3.53 -74.97	40.98 3.80 -4.28	30.49 3.39 3.66	26.66 2.69 4.61	27.67 2.54 4.02	27.62 2.26 5.15	27.67 2.25 4.73	26.20 1.99 3.35	22.50 1.66 2.94	18.05 1.49 4.51	11.78 0.99 2.93	19.69 1.32 1.70	7.56 0.70 3.13	16.73 1.24 2.44	14.54 1.12 1.59	15.32 1.24 -1.79	26.49 2.30 -2.88	29.45 2.53 -1.24	34.37 2.88 0.87	43.05 3.89 4.66	54.66 4.73 -7.26	56.10 3.98 -17.54	38.09 3.73 -3.44	33.66 3.07 -5.17
SOUTH_FORK_WT_PWR 323839	112.84 3.51 -75.00	41.01 3.84 -4.28	30.49 3.39 3.66	26.51 2.54 4.61	27.42 2.29 4.03	27.17 1.81 5.15	27.26 1.84 4.73	25.80 1.60 3.35	22.14 1.30 2.95	17.73 1.17 4.51	11.57 0.77 2.93	19.37 1.01 1.70	7.41 0.55 3.13	16.46 0.96 2.44	14.35 0.93 1.59	15.23 1.16 -1.79	26.36 2.17 -2.88	29.17 2.25 -1.23	33.92 2.44 0.88	42.67 3.50 4.66	54.55 4.63 -7.26	56.09 3.98 -17.53	38.08 3.72 -3.43	33.64 3.06 -5.17
SPIERFLS_115KV_TB 1 80737	35.46 1.14 0.00	33.92 1.03 0.00	31.83 1.08 0.00	29.63 1.05 0.00	30.27 1.12 0.00	31.78 1.27 0.00	31.49 1.34 0.00	28.95 1.40 0.00	25.07 1.28 0.00	22.17 1.10 0.00	14.43 0.70 0.00	21.07 1.01 0.00	10.37 0.39 0.00	18.72 0.79 0.00	15.66 0.65 0.00	12.77 0.49 0.00	22.19 0.87 0.00	26.86 1.17 0.00	33.91 1.55 0.00	45.99 2.16 0.00	44.79 2.12 0.00	36.33 1.75 0.00	32.46 1.53 0.00	26.60 1.18 0.00
ST LAWRENCE____ 23600	34.58 0.26 0.00	33.20 0.30 0.00	31.01 0.26 0.00	28.76 0.19 0.00	29.30 0.15 0.00	30.59 0.08 0.00	30.29 0.14 0.00	27.62 0.07 0.00	23.83 0.04 0.00	21.12 0.04 0.00	13.77 0.04 0.00	20.12 0.06 0.00	10.01 0.02 0.00	17.94 0.01 0.00	15.00 -0.01 0.00	12.26 -0.02 0.00	21.27 -0.05 0.00	25.58 -0.11 0.00	32.30 -0.06 0.00	43.90 0.07 0.00	42.64 -0.02 0.00	34.55 -0.03 0.00	30.85 -0.07 0.00	25.34 -0.08 0.00

STATE_CA_115KV_115_LB 55624	34.65 0.32 0.00	33.21 0.31 0.00	31.14 0.39 0.00	29.02 0.44 0.00	29.61 0.46 0.00	31.06 0.55 0.00	30.73 0.59 0.00	28.20 0.65 0.00	24.36 0.57 0.00	21.62 0.54 0.00	14.09 0.36 0.00	20.57 0.51 0.00	10.23 0.25 0.00	18.41 0.48 0.00	15.43 0.42 0.00	12.59 0.31 0.00	21.89 0.57 0.00	26.44 0.75 0.00	33.25 0.89 0.00	44.86 1.04 0.00	43.64 0.98 0.00	35.40 0.82 0.00	31.76 0.84 0.00	26.13 0.70 0.00
STATE_ST_34_KV_LOAD 55959	34.01 -0.32 0.00	32.54 -0.36 0.00	30.36 -0.40 0.00	28.12 -0.46 0.00	28.67 -0.48 0.00	30.03 -0.48 0.00	29.90 -0.57 -0.32	27.74 -0.62 -0.80	23.25 -0.54 0.00	20.53 -0.55 0.00	13.29 -0.44 0.00	19.43 -0.63 0.00	9.69 -0.29 0.00	17.42 -0.52 0.00	14.58 -0.43 0.00	11.92 -0.37 0.00	20.75 -0.57 0.00	25.08 -0.60 0.00	31.63 -0.74 0.00	43.13 -0.69 0.00	42.19 -0.48 0.00	34.25 -0.40 -0.07	30.53 -0.39 0.00	24.99 -0.43 0.00
STATION_5_MISC_HYD 23604	33.07 -1.26 0.00	31.65 -1.25 0.00	29.50 -1.25 0.00	27.34 -1.24 0.00	27.87 -1.28 0.00	29.15 -1.36 0.00	27.89 -1.72 0.54	24.35 -1.89 1.32	22.11 -1.68 0.00	19.66 -1.42 0.00	12.87 -0.86 0.00	18.85 -1.21 0.00	9.38 -0.60 0.00	16.78 -1.16 0.00	14.03 -0.98 0.00	11.53 -0.75 0.00	19.93 -1.39 0.00	23.97 -1.72 0.00	30.37 -2.00 0.00	41.23 -2.59 0.00	40.33 -2.33 0.00	32.59 -1.87 0.12	29.18 -1.74 0.00	23.97 -1.46 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	33.31 -1.02 0.00	31.85 -1.04 0.00	29.72 -1.03 0.00	27.54 -1.04 0.00	28.10 -1.05 0.00	29.40 -1.11 0.00	28.18 -1.35 0.60	24.60 -1.47 1.49	22.45 -1.34 0.00	19.89 -1.19 0.00	12.97 -0.75 0.00	18.98 -1.08 0.00	9.45 -0.54 0.00	16.92 -1.02 0.00	14.15 -0.86 0.00	11.63 -0.66 0.00	20.14 -1.19 0.00	24.27 -1.42 0.00	30.78 -1.59 0.00	41.88 -1.95 0.00	40.96 -1.71 0.00	33.05 -1.40 0.13	29.59 -1.33 0.00	24.29 -1.13 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.93 -1.40 0.00	31.52 -1.38 0.00	29.38 -1.37 0.00	27.23 -1.34 0.00	27.77 -1.38 0.00	29.04 -1.47 0.00	27.82 -1.80 0.52	24.30 -1.95 1.29	22.05 -1.74 0.00	19.60 -1.48 0.00	12.83 -0.90 0.00	18.79 -1.27 0.00	9.35 -0.63 0.00	16.73 -1.21 0.00	13.99 -1.02 0.00	11.49 -0.80 0.00	19.87 -1.45 0.00	23.89 -1.80 0.00	30.29 -2.07 0.00	41.14 -2.68 0.00	40.24 -2.43 0.00	32.51 -1.95 0.12	29.10 -1.82 0.00	23.90 -1.52 0.00
STA_56___34_KV_BUS2 355983	32.93 -1.40 0.00	31.52 -1.38 0.00	29.38 -1.37 0.00	27.23 -1.34 0.00	27.77 -1.38 0.00	29.04 -1.47 0.00	27.82 -1.80 0.52	24.30 -1.95 1.29	22.05 -1.74 0.00	19.60 -1.48 0.00	12.83 -0.90 0.00	18.79 -1.27 0.00	9.35 -0.63 0.00	16.73 -1.21 0.00	13.99 -1.02 0.00	11.49 -0.80 0.00	19.87 -1.45 0.00	23.89 -1.80 0.00	30.29 -2.07 0.00	41.14 -2.68 0.00	40.24 -2.43 0.00	32.51 -1.95 0.12	29.10 -1.82 0.00	23.90 -1.52 0.00
STA_67___115KV_BK2 355882	33.00 -1.33 0.00	31.59 -1.31 0.00	29.45 -1.31 0.00	27.29 -1.29 0.00	27.82 -1.33 0.00	29.10 -1.41 0.00	27.83 -1.78 0.54	24.28 -1.95 1.32	22.05 -1.73 0.00	19.61 -1.47 0.00	12.85 -0.88 0.00	18.82 -1.24 0.00	9.37 -0.62 0.00	16.74 -1.19 0.00	14.00 -1.01 0.00	11.51 -0.78 0.00	19.88 -1.44 0.00	23.89 -1.79 0.00	30.29 -2.08 0.00	41.13 -2.70 0.00	40.25 -2.42 0.00	32.53 -1.93 0.12	29.12 -1.80 0.00	23.92 -1.50 0.00
STA_7___115KV_9TRANS 80674	33.22 -1.10 0.00	31.78 -1.12 0.00	29.63 -1.13 0.00	27.44 -1.13 0.00	27.98 -1.17 0.00	29.27 -1.24 0.00	28.00 -1.61 0.54	24.44 -1.79 1.32	22.18 -1.61 0.00	19.72 -1.35 0.00	12.92 -0.81 0.00	18.93 -1.13 0.00	9.42 -0.57 0.00	16.83 -1.10 0.00	14.08 -0.93 0.00	11.57 -0.71 0.00	20.00 -1.32 0.00	24.05 -1.64 0.00	30.52 -1.84 0.00	41.46 -2.36 0.00	40.57 -2.10 0.00	32.78 -1.68 0.12	29.33 -1.59 0.00	24.08 -1.34 0.00
STA_82___115KV_TB1 80780	33.00 -1.32 0.00	31.59 -1.31 0.00	29.45 -1.30 0.00	27.29 -1.29 0.00	27.83 -1.32 0.00	29.10 -1.41 0.00	27.83 -1.77 0.54	24.27 -1.95 1.34	22.06 -1.73 0.00	19.61 -1.47 0.00	12.84 -0.89 0.00	18.81 -1.25 0.00	9.36 -0.62 0.00	16.74 -1.19 0.00	14.00 -1.01 0.00	11.50 -0.78 0.00	19.88 -1.45 0.00	23.89 -1.80 0.00	30.28 -2.08 0.00	41.13 -2.70 0.00	40.25 -2.41 0.00	32.54 -1.93 0.12	29.12 -1.80 0.00	23.92 -1.50 0.00
STEEL___WIND 323596	32.67 -1.65 0.00	31.24 -1.66 0.00	29.08 -1.67 0.00	26.87 -1.70 0.00	27.42 -1.74 0.00	28.63 -1.88 0.00	26.75 -2.46 0.94	12.06 -2.60 12.89	10.21 -2.28 11.30	12.26 -1.91 6.91	11.38 -1.17 1.18	10.81 -1.57 7.69	7.41 -0.80 1.77	6.44 -1.52 9.97	4.36 -1.31 9.35	3.39 -0.98 7.91	8.32 -1.86 11.14	11.11 -2.32 12.25	22.70 -2.86 6.81	39.85 -3.97 0.00	39.12 -3.55 0.00	31.58 -2.80 0.20	28.42 -2.50 0.00	23.36 -2.06 0.00
STEPHTWN_115KV_BK_2 55603	34.87 0.54 0.00	33.39 0.49 0.00	31.33 0.58 0.00	29.15 0.57 0.00	29.76 0.61 0.00	31.24 0.73 0.00	30.92 0.78 0.00	28.46 0.90 0.00	24.49 0.71 0.00	21.76 0.69 0.00	14.15 0.43 0.00	20.62 0.56 0.00	10.28 0.29 0.00	18.48 0.54 0.00	15.47 0.46 0.00	12.65 0.36 0.00	21.95 0.63 0.00	26.61 0.93 0.00	33.52 1.16 0.00	45.25 1.43 0.00	43.94 1.27 0.00	35.70 1.12 0.00	32.01 1.09 0.00	26.27 0.85 0.00
STEUBEN_REC_LFGE 323667	32.91 -1.41 0.00	31.23 -1.67 0.00	28.87 -1.88 0.00	26.53 -2.05 0.00	27.07 -2.08 0.00	28.45 -2.06 0.00	24.90 -2.21 3.04	40.28 -2.17 -14.89	45.75 -1.94 -23.91	33.96 -1.71 -14.59	15.01 -1.21 -2.49	34.46 -1.84 -16.24	12.80 -0.93 -3.75	37.41 -1.60 -21.07	33.41 -1.35 -19.75	27.98 -1.03 -16.72	42.93 -1.93 -23.53	49.37 -2.20 -25.89	44.20 -2.55 -14.38	41.11 -2.72 0.00	40.78 -1.89 0.00	32.38 -1.53 0.67	29.40 -1.52 0.00	24.12 -1.31 0.00
STILLWATER___SOLAR 323814	35.40 1.07 0.00	33.90 1.00 0.00	31.78 1.03 0.00	29.58 1.01 0.00	30.20 1.05 0.00	31.70 1.19 0.00	31.39 1.24 0.00	28.81 1.25 0.00	24.91 1.12 0.00	22.06 0.99 0.00	14.37 0.64 0.00	20.97 0.91 0.00	10.36 0.38 0.00	18.69 0.75 0.00	15.64 0.63 0.00	12.75 0.47 0.00	22.19 0.87 0.00	26.82 1.14 0.00	33.84 1.48 0.00	45.89 2.07 0.00	44.66 2.00 0.00	36.20 1.62 0.00	32.40 1.48 0.00	26.61 1.19 0.00
STONY___BROOK 24151	106.91 2.75 -69.84	40.25 2.89 -4.47	29.88 2.62 3.50	26.52 2.38 4.44	27.69 2.42 3.88	28.08 2.53 4.96	28.00 2.41 4.56	26.55 2.18 3.18	22.84 1.86 2.80	18.51 1.72 4.29	12.09 1.14 2.78	20.07 1.62 1.61	7.86 0.84 2.96	17.13 1.50 2.31	14.79 1.26 1.48	15.44 1.18 -1.98	26.53 2.10 -3.11	29.71 2.49 -1.54	34.84 2.95 0.48	42.74 3.31 4.40	56.51 3.53 -10.32	61.89 2.97 -24.33	38.15 2.89 -4.35	33.35 2.43 -5.50
STURGEON_POOL_HYD 23609	35.77 1.45 0.00	34.29 1.39 0.00	32.03 1.27 0.00	29.81 1.24 0.00	30.46 1.31 0.00	31.94 1.43 0.00	31.58 1.43 0.00	28.93 1.38 0.00	24.97 1.18 0.00	22.17 1.09 0.00	14.43 0.70 0.00	21.09 1.03 0.00	10.54 0.55 0.00	18.92 0.99 0.00	15.87 0.85 0.00	13.04 0.76 0.00	22.68 1.36 0.00	27.39 1.71 0.00	34.39 2.03 0.00	46.25 2.43 0.00	45.03 2.36 0.00	36.47 1.89 0.00	32.67 1.75 0.00	26.86 1.44 0.00

ST_LAW_115_BK7_LBMP 345037	34.61 0.29 0.00	33.22 0.32 0.00	31.03 0.27 0.00	28.78 0.20 0.00	29.32 0.16 0.00	30.60 0.09 0.00	30.29 0.15 0.00	27.62 0.07 0.00	23.83 0.04 0.00	21.12 0.04 0.00	13.77 0.04 0.00	20.11 0.05 0.00	10.01 0.02 0.00	17.94 0.00 0.00	15.00 -0.01 0.00	12.26 -0.03 0.00	21.26 -0.06 0.00	25.56 -0.12 0.00	32.30 -0.06 0.00	43.90 0.07 0.00	42.63 -0.04 0.00	34.56 -0.03 0.00	30.85 -0.07 0.00	25.34 -0.08 0.00
ST_LAW_115_BK8_LBMP 345038	34.61 0.29 0.00	33.22 0.32 0.00	31.03 0.27 0.00	28.78 0.20 0.00	29.32 0.16 0.00	30.60 0.09 0.00	30.29 0.15 0.00	27.62 0.07 0.00	23.83 0.04 0.00	21.12 0.04 0.00	13.77 0.04 0.00	20.11 0.05 0.00	10.01 0.02 0.00	17.94 0.00 0.00	15.00 -0.01 0.00	12.26 -0.03 0.00	21.26 -0.06 0.00	25.56 -0.12 0.00	32.30 -0.06 0.00	43.90 0.07 0.00	42.63 -0.04 0.00	34.56 -0.03 0.00	30.85 -0.07 0.00	25.34 -0.08 0.00
ST_LAW_230_BK5_LBMP 345035	34.58 0.26 0.00	33.20 0.30 0.00	31.01 0.26 0.00	28.76 0.19 0.00	29.30 0.15 0.00	30.59 0.08 0.00	30.29 0.14 0.00	27.62 0.07 0.00	23.83 0.04 0.00	21.12 0.04 0.00	13.77 0.04 0.00	20.12 0.06 0.00	10.01 0.02 0.00	17.94 0.01 0.00	15.00 -0.01 0.00	12.26 -0.02 0.00	21.27 -0.05 0.00	25.58 -0.11 0.00	32.30 -0.06 0.00	43.90 0.07 0.00	42.64 -0.02 0.00	34.55 -0.03 0.00	30.85 -0.07 0.00	25.34 -0.08 0.00
ST_LAW_230_BK6_LBMP 345036	34.58 0.26 0.00	33.20 0.30 0.00	31.01 0.26 0.00	28.76 0.19 0.00	29.30 0.15 0.00	30.59 0.08 0.00	30.29 0.14 0.00	27.62 0.07 0.00	23.83 0.04 0.00	21.12 0.04 0.00	13.77 0.04 0.00	20.12 0.06 0.00	10.01 0.02 0.00	17.94 0.01 0.00	15.00 -0.01 0.00	12.26 -0.02 0.00	21.27 -0.05 0.00	25.58 -0.11 0.00	32.30 -0.06 0.00	43.90 0.07 0.00	42.64 -0.02 0.00	34.55 -0.03 0.00	30.85 -0.07 0.00	25.34 -0.08 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	35.61 1.28 0.00	34.12 1.23 0.00	31.85 1.10 0.00	29.65 1.07 0.00	30.30 1.15 0.00	31.76 1.25 0.00	31.41 1.27 0.00	28.77 1.22 0.00	24.82 1.03 0.00	22.03 0.95 0.00	14.33 0.60 0.00	20.95 0.89 0.00	10.47 0.48 0.00	18.81 0.87 0.00	15.77 0.76 0.00	12.97 0.68 0.00	22.56 1.24 0.00	27.24 1.55 0.00	34.20 1.83 0.00	45.98 2.15 0.00	44.76 2.10 0.00	36.25 1.67 0.00	32.47 1.55 0.00	26.69 1.27 0.00
SWANROAD_115KV_TB1 355699	31.71 -2.61 0.00	30.35 -2.55 0.00	28.26 -2.49 0.00	26.14 -2.43 0.00	26.64 -2.51 0.00	27.85 -2.66 0.00	26.08 -3.27 0.80	14.31 -3.27 9.97	12.36 -2.86 8.56	13.37 -2.44 5.26	11.32 -1.51 0.90	12.21 -1.99 5.86	7.59 -1.05 1.35	8.42 -1.91 7.60	6.26 -1.63 7.12	4.99 -1.26 6.03	10.47 -2.37 8.49	13.34 -3.00 9.34	23.36 -3.81 5.19	38.41 -5.42 0.00	37.75 -4.92 0.00	30.63 -3.78 0.17	27.49 -3.43 0.00	22.59 -2.83 0.00
SYNERGY___BIOGAS 323694	33.19 -1.13 0.00	31.74 -1.16 0.00	29.56 -1.19 0.00	27.35 -1.23 0.00	27.89 -1.26 0.00	29.19 -1.32 0.00	27.60 -1.86 0.69	18.63 -2.11 6.82	16.29 -2.03 5.47	16.00 -1.72 3.36	12.05 -1.10 0.57	14.83 -1.50 3.73	8.34 -0.78 0.86	11.60 -1.48 4.85	9.20 -1.27 4.54	7.46 -0.98 3.84	14.09 -1.82 5.41	17.48 -2.25 5.96	26.45 -2.61 3.31	40.57 -3.25 0.00	40.03 -2.64 0.00	32.40 -2.03 0.15	29.00 -1.92 0.00	23.79 -1.64 0.00
SYRACUSE___ENERGY_ST1 323597	33.81 -0.52 0.00	32.35 -0.54 0.00	30.22 -0.53 0.00	28.06 -0.52 0.00	28.62 -0.53 0.00	29.97 -0.54 0.00	29.54 -0.61 0.00	26.96 -0.59 0.00	23.25 -0.54 0.00	20.55 -0.53 0.00	13.36 -0.37 0.00	19.54 -0.52 0.00	9.73 -0.25 0.00	17.48 -0.46 0.00	14.64 -0.38 0.00	11.99 -0.30 0.00	20.81 -0.51 0.00	25.11 -0.58 0.00	31.66 -0.70 0.00	42.97 -0.86 0.00	41.94 -0.73 0.00	33.97 -0.62 0.00	30.36 -0.56 0.00	24.94 -0.48 0.00
SYRACUSE___ENERGY_ST2 323598	33.81 -0.52 0.00	32.35 -0.54 0.00	30.22 -0.53 0.00	28.06 -0.52 0.00	28.62 -0.53 0.00	29.97 -0.54 0.00	29.54 -0.61 0.00	26.96 -0.59 0.00	23.25 -0.54 0.00	20.55 -0.53 0.00	13.36 -0.37 0.00	19.54 -0.52 0.00	9.73 -0.25 0.00	17.48 -0.46 0.00	14.64 -0.38 0.00	11.99 -0.30 0.00	20.81 -0.51 0.00	25.11 -0.58 0.00	31.66 -0.70 0.00	42.97 -0.86 0.00	41.94 -0.73 0.00	33.97 -0.62 0.00	30.36 -0.56 0.00	24.94 -0.48 0.00
SYRACUSE___POWER 24017	33.88 -0.45 0.00	32.42 -0.47 0.00	30.29 -0.47 0.00	28.12 -0.45 0.00	28.69 -0.46 0.00	30.04 -0.47 0.00	29.84 -0.53 -0.23	27.60 -0.51 -0.56	23.32 -0.46 0.00	20.60 -0.48 0.00	13.40 -0.33 0.00	19.60 -0.46 0.00	9.76 -0.23 0.00	17.53 -0.41 0.00	14.67 -0.34 0.00	12.03 -0.26 0.00	20.87 -0.45 0.00	25.16 -0.52 0.00	31.77 -0.60 0.00	43.09 -0.73 0.00	42.06 -0.61 0.00	34.11 -0.52 -0.05	30.44 -0.48 0.00	25.02 -0.40 0.00
TALLMAN_138KV_BK151 55660	35.75 1.42 0.00	34.24 1.35 0.00	31.95 1.20 0.00	29.74 1.16 0.00	30.39 1.24 0.00	31.86 1.36 0.00	31.53 1.38 0.00	28.88 1.33 0.00	24.91 1.13 0.00	22.12 1.04 0.00	14.40 0.67 0.00	21.05 0.99 0.00	10.52 0.54 0.00	18.91 0.97 0.00	15.87 0.85 0.00	13.06 0.78 0.00	22.72 1.40 0.00	27.43 1.74 0.00	34.39 2.03 0.00	46.19 2.36 0.00	44.95 2.29 0.00	36.38 1.80 0.00	32.60 1.68 0.00	26.80 1.38 0.00
TEALLAVE_115KV_TB7 355573	33.69 -0.63 0.00	32.24 -0.66 0.00	30.13 -0.63 0.00	27.97 -0.61 0.00	28.54 -0.61 0.00	29.88 -0.63 0.00	29.45 -0.70 0.00	26.89 -0.66 0.00	23.19 -0.59 0.00	20.51 -0.57 0.00	13.35 -0.38 0.00	19.52 -0.54 0.00	9.72 -0.26 0.00	17.45 -0.48 0.00	14.61 -0.40 0.00	11.97 -0.31 0.00	20.77 -0.55 0.00	25.03 -0.65 0.00	31.59 -0.77 0.00	42.83 -0.99 0.00	41.78 -0.88 0.00	33.85 -0.73 0.00	30.26 -0.66 0.00	24.87 -0.54 0.00
TELGRAPH_34_KV_EAST 80808	32.48 -1.84 0.00	31.07 -1.83 0.00	28.94 -1.82 0.00	26.77 -1.80 0.00	27.30 -1.85 0.00	28.54 -1.97 0.00	26.85 -2.55 0.75	16.40 -2.67 8.48	14.29 -2.39 7.11	14.68 -2.04 4.36	11.73 -1.26 0.74	13.53 -1.68 4.85	7.99 -0.88 1.12	9.99 -1.65 6.30	7.71 -1.41 5.90	6.21 -1.08 5.00	12.26 -2.03 7.03	15.41 -2.54 7.74	24.97 -3.10 4.30	39.60 -4.23 0.00	38.96 -3.71 0.00	31.56 -2.86 0.16	28.28 -2.64 0.00	23.22 -2.20 0.00
TEMPLE___115KV_TB 2 55572	33.71 -0.62 0.00	32.26 -0.63 0.00	30.14 -0.62 0.00	27.99 -0.59 0.00	28.56 -0.59 0.00	29.90 -0.61 0.00	29.47 -0.68 0.00	26.90 -0.65 0.00	23.21 -0.58 0.00	20.52 -0.56 0.00	13.36 -0.37 0.00	19.54 -0.52 0.00	9.73 -0.26 0.00	17.46 -0.47 0.00	14.62 -0.39 0.00	11.99 -0.30 0.00	20.79 -0.53 0.00	25.06 -0.63 0.00	31.62 -0.74 0.00	42.87 -0.96 0.00	41.82 -0.84 0.00	33.88 -0.70 0.00	30.28 -0.64 0.00	24.89 -0.52 0.00
TIANA___69_KV_BK 1 55817	112.52 3.22 -74.98	40.58 3.41 -4.28	30.17 3.08 3.66	26.62 2.66 4.61	27.76 2.63 4.02	27.97 2.61 5.15	27.96 2.54 4.73	26.50 2.29 3.35	22.77 1.93 2.94	18.32 1.76 4.51	11.94 1.15 2.93	19.96 1.60 1.70	7.68 0.83 3.13	16.98 1.48 2.44	14.69 1.26 1.59	15.32 1.25 -1.79	26.46 2.27 -2.88	29.60 2.68 -1.24	34.63 3.14 0.87	43.07 3.90 4.66	54.25 4.32 -7.26	55.69 3.57 -17.54	37.74 3.38 -3.44	33.40 2.82 -5.17

TILDEN___115KV_TB1 80814	33.88 -0.45 0.00	32.42 -0.47 0.00	30.29 -0.47 0.00	28.12 -0.45 0.00	28.69 -0.46 0.00	30.04 -0.47 0.00	29.84 -0.53 -0.23	27.60 -0.51 -0.56	23.32 -0.46 0.00	20.60 -0.48 0.00	13.40 -0.33 0.00	19.60 -0.46 0.00	9.76 -0.23 0.00	17.53 -0.41 0.00	14.67 -0.34 0.00	12.03 -0.26 0.00	20.87 -0.45 0.00	25.16 -0.52 0.00	31.77 -0.60 0.00	43.09 -0.73 0.00	42.06 -0.61 0.00	34.11 -0.52 -0.05	30.44 -0.48 0.00	25.02 -0.40 0.00
TRIGEN___CC 323695	62.08 2.07 -25.68	69.04 2.09 -34.05	54.49 1.91 -21.83	52.04 1.77 -21.69	49.93 1.84 -18.94	56.74 1.95 -24.28	54.58 1.88 -22.55	44.73 1.76 -15.42	38.89 1.54 -13.57	43.32 1.46 -20.78	28.04 0.95 -13.35	29.07 1.37 -7.64	24.85 0.73 -14.14	30.34 1.31 -11.09	25.93 1.12 -9.80	35.36 1.03 -22.04	52.48 1.79 -29.37	63.24 2.15 -35.41	78.88 2.43 -44.08	71.16 2.74 -24.60	85.94 2.83 -40.45	78.70 2.34 -41.78	69.50 2.23 -36.34	70.83 1.87 -43.54
TRINITY___115KV___4 BK 55933	34.51 0.19 0.00	33.08 0.18 0.00	31.02 0.26 0.00	28.91 0.34 0.00	29.52 0.37 0.00	30.96 0.45 0.00	30.63 0.48 0.00	28.11 0.56 0.00	24.28 0.50 0.00	21.55 0.47 0.00	14.05 0.32 0.00	20.50 0.44 0.00	10.20 0.22 0.00	18.36 0.43 0.00	15.39 0.38 0.00	12.56 0.28 0.00	21.83 0.50 0.00	26.35 0.67 0.00	33.12 0.76 0.00	44.68 0.86 0.00	43.47 0.80 0.00	35.27 0.69 0.00	31.65 0.72 0.00	26.04 0.62 0.00
UNION___PROCESSING_DRP 323587	33.02 -1.31 0.00	31.59 -1.30 0.00	29.46 -1.30 0.00	27.30 -1.28 0.00	27.83 -1.32 0.00	29.11 -1.40 0.00	27.83 -1.77 0.54	24.27 -1.94 1.34	22.06 -1.73 0.00	19.61 -1.47 0.00	12.84 -0.89 0.00	18.81 -1.25 0.00	9.36 -0.62 0.00	16.74 -1.19 0.00	14.00 -1.01 0.00	11.50 -0.78 0.00	19.88 -1.45 0.00	23.89 -1.80 0.00	30.29 -2.08 0.00	41.15 -2.68 0.00	40.26 -2.40 0.00	32.55 -1.92 0.12	29.13 -1.80 0.00	23.92 -1.50 0.00
UPPER HUDSON___HYD 24058	35.46 1.13 0.00	33.93 1.03 0.00	31.83 1.08 0.00	29.63 1.05 0.00	30.27 1.13 0.00	31.78 1.27 0.00	31.49 1.34 0.00	28.95 1.39 0.00	25.07 1.28 0.00	22.17 1.09 0.00	14.43 0.70 0.00	21.07 1.01 0.00	10.37 0.39 0.00	18.72 0.78 0.00	15.66 0.64 0.00	12.77 0.49 0.00	22.19 0.87 0.00	26.86 1.17 0.00	33.91 1.55 0.00	45.99 2.16 0.00	44.79 2.13 0.00	36.33 1.75 0.00	32.45 1.53 0.00	26.61 1.19 0.00
UPPER RAQUET___HYD 24056	34.28 -0.05 0.00	32.91 0.01 0.00	30.74 -0.02 0.00	28.47 -0.10 0.00	28.99 -0.16 0.00	30.23 -0.28 0.00	29.98 -0.16 0.00	27.28 -0.27 0.00	23.46 -0.32 0.00	20.68 -0.40 0.00	13.46 -0.26 0.00	19.62 -0.44 0.00	9.75 -0.24 0.00	17.46 -0.48 0.00	14.57 -0.45 0.00	11.90 -0.38 0.00	20.67 -0.65 0.00	24.83 -0.86 0.00	31.48 -0.89 0.00	43.04 -0.79 0.00	41.69 -0.98 0.00	33.96 -0.62 0.00	30.44 -0.49 0.00	24.97 -0.45 0.00
VALLEY44_115KV_TB2 355964	33.38 -0.94 0.00	31.93 -0.96 0.00	29.77 -0.98 0.00	27.46 -1.12 0.00	27.93 -1.22 0.00	29.17 -1.34 0.00	27.26 -1.77 1.11	18.43 -1.61 7.51	17.33 -1.36 5.09	16.87 -1.09 3.12	12.52 -0.67 0.53	15.79 -0.80 3.47	8.77 -0.42 0.80	12.67 -0.77 4.50	10.13 -0.66 4.22	8.27 -0.44 3.57	15.30 -1.00 5.03	18.83 -1.40 5.46	27.43 -1.90 3.04	41.05 -2.78 0.00	40.22 -2.45 0.00	32.35 -1.99 0.24	29.11 -1.81 0.00	24.05 -1.37 0.00
VALLEY___115KV_TB 1-4 80826	34.05 -0.27 0.00	32.58 -0.32 0.00	30.44 -0.31 0.00	28.34 -0.24 0.00	28.91 -0.24 0.00	30.30 -0.21 0.00	29.94 -0.20 0.00	27.45 -0.11 0.00	23.73 -0.06 0.00	21.03 -0.04 0.00	13.67 -0.06 0.00	19.87 -0.18 0.00	9.78 -0.20 0.00	17.45 -0.48 0.00	14.51 -0.50 0.00	11.86 -0.43 0.00	20.66 -0.66 0.00	25.12 -0.56 0.00	31.84 -0.52 0.00	43.40 -0.43 0.00	42.40 -0.26 0.00	34.40 -0.18 0.00	30.81 -0.11 0.00	25.26 -0.16 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	35.49 1.16 0.00	33.96 1.07 0.00	31.74 0.98 0.00	29.49 0.91 0.00	30.11 0.97 0.00	31.55 1.04 0.00	31.17 1.03 0.00	28.54 0.98 0.00	24.63 0.85 0.00	21.79 0.72 0.00	14.15 0.42 0.00	20.65 0.60 0.00	10.28 0.29 0.00	18.47 0.53 0.00	15.45 0.44 0.00	12.67 0.38 0.00	22.03 0.71 0.00	26.67 0.99 0.00	33.73 1.36 0.00	45.62 1.79 0.00	44.43 1.76 0.00	35.97 1.39 0.00	32.15 1.22 0.00	26.40 0.97 0.00
VISCHER___FERRY HYD 24020	34.90 0.57 0.00	33.44 0.55 0.00	31.36 0.61 0.00	29.22 0.65 0.00	29.83 0.68 0.00	31.30 0.79 0.00	30.98 0.84 0.00	28.46 0.91 0.00	24.60 0.81 0.00	21.82 0.74 0.00	14.22 0.49 0.00	20.76 0.70 0.00	10.31 0.33 0.00	18.56 0.62 0.00	15.54 0.53 0.00	12.68 0.40 0.00	22.04 0.72 0.00	26.61 0.93 0.00	33.47 1.11 0.00	45.32 1.49 0.00	44.06 1.40 0.00	35.73 1.15 0.00	32.03 1.11 0.00	26.33 0.91 0.00
V_A_10_SYNC_DSASP 323832	32.31 -2.01 0.00	30.95 -1.95 0.00	28.84 -1.91 0.00	26.69 -1.89 0.00	27.20 -1.96 0.00	28.41 -2.10 0.00	26.90 -2.59 0.65	17.85 -2.74 6.96	15.69 -2.39 5.70	15.61 -1.99 3.48	11.94 -1.20 0.59	14.54 -1.65 3.87	8.26 -0.83 0.89	11.33 -1.58 5.02	8.97 -1.34 4.71	7.27 -1.03 3.98	13.77 -1.95 5.60	17.04 -2.48 6.17	25.91 -3.03 3.43	39.71 -4.12 0.00	38.89 -3.77 0.00	31.44 -3.00 0.14	28.20 -2.72 0.00	23.20 -2.22 0.00
V_CMM_10_SYNC_DSASP 323787	34.78 0.45 0.00	33.37 0.48 0.00	31.18 0.43 0.00	28.91 0.33 0.00	29.45 0.30 0.00	30.74 0.23 0.00	30.44 0.29 0.00	27.75 0.19 0.00	23.94 0.16 0.00	21.22 0.14 0.00	13.84 0.11 0.00	20.21 0.15 0.00	10.06 0.07 0.00	18.03 0.09 0.00	15.07 0.06 0.00	12.32 0.03 0.00	21.36 0.03 0.00	25.68 0.00 0.00	32.46 0.09 0.00	44.11 0.29 0.00	42.84 0.18 0.00	34.72 0.14 0.00	31.00 0.08 0.00	25.46 0.04 0.00
V_CMP_10_SYNC_DSASP 323788	35.22 0.89 0.00	33.84 0.94 0.00	31.72 0.97 0.00	29.42 0.84 0.00	29.94 0.79 0.00	31.23 0.72 0.00	30.81 0.67 0.00	28.12 0.57 0.00	24.16 0.37 0.00	21.37 0.30 0.00	13.95 0.23 0.00	20.43 0.38 0.00	10.13 0.14 0.00	18.24 0.30 0.00	15.24 0.23 0.00	12.42 0.13 0.00	21.53 0.21 0.00	25.90 0.21 0.00	32.61 0.24 0.00	44.34 0.51 0.00	42.92 0.26 0.00	34.62 0.04 0.00	30.92 0.00 0.00	25.39 -0.03 0.00
V_D_10_SYNC_DSASP 323841	34.97 0.65 0.00	33.57 0.67 0.00	31.36 0.60 0.00	29.07 0.50 0.00	29.61 0.46 0.00	30.90 0.39 0.00	30.60 0.46 0.00	27.88 0.33 0.00	24.04 0.25 0.00	21.29 0.21 0.00	13.88 0.15 0.00	20.26 0.21 0.00	10.08 0.09 0.00	18.06 0.13 0.00	15.10 0.09 0.00	12.34 0.06 0.00	21.40 0.08 0.00	25.73 0.05 0.00	32.54 0.17 0.00	44.28 0.45 0.00	42.88 0.22 0.00	34.88 0.30 0.00	31.16 0.24 0.00	25.58 0.16 0.00
V_E_10_SYNC_DSASP 323830	34.86 0.54 0.00	33.20 0.30 0.00	31.03 0.27 0.00	28.77 0.19 0.00	29.36 0.21 0.00	30.98 0.47 0.00	32.11 0.58 -1.38	33.42 0.63 -5.23	26.44 0.71 -1.95	22.46 0.19 -1.19	13.83 -0.10 -0.20	20.88 -0.50 -1.32	9.93 -0.36 -0.30	18.97 -0.68 -1.72	16.07 -0.55 -1.61	13.29 -0.36 -1.36	22.94 -0.30 -1.92	27.86 0.06 -2.11	34.14 0.60 -1.17	45.93 2.10 0.00	45.29 2.62 0.00	36.71 1.82 -0.30	32.19 1.27 0.00	26.28 0.85 0.00



V_F_30_NSYNC___DSASP 323816	35.47 1.14 0.00	33.95 1.06 0.00	31.82 1.07 0.00	29.61 1.04 0.00	30.24 1.09 0.00	31.74 1.23 0.00	31.42 1.27 0.00	28.84 1.28 0.00	24.93 1.14 0.00	22.09 1.01 0.00	14.38 0.66 0.00	21.00 0.94 0.00	10.38 0.40 0.00	18.72 0.78 0.00	15.66 0.65 0.00	12.78 0.49 0.00	22.22 0.90 0.00	26.87 1.19 0.00	33.90 1.54 0.00	45.96 2.13 0.00	44.72 2.06 0.00	36.25 1.66 0.00	32.44 1.52 0.00	26.64 1.22 0.00
V_F_30_SYNC_DSASP 323786	34.65 0.32 0.00	33.20 0.30 0.00	31.14 0.39 0.00	29.02 0.44 0.00	29.61 0.46 0.00	31.05 0.55 0.00	30.73 0.59 0.00	28.20 0.65 0.00	24.36 0.57 0.00	21.62 0.54 0.00	14.09 0.36 0.00	20.57 0.51 0.00	10.23 0.25 0.00	18.41 0.48 0.00	15.42 0.42 0.00	12.59 0.31 0.00	21.89 0.57 0.00	26.44 0.75 0.00	33.25 0.88 0.00	44.86 1.03 0.00	43.64 0.98 0.00	35.40 0.82 0.00	31.76 0.84 0.00	26.13 0.70 0.00
V_XM_10_SYNC_DSASP 323789	35.22 0.89 0.00	33.84 0.94 0.00	31.72 0.97 0.00	29.42 0.84 0.00	29.94 0.79 0.00	31.23 0.72 0.00	30.81 0.67 0.00	28.12 0.57 0.00	24.16 0.37 0.00	21.37 0.30 0.00	13.95 0.23 0.00	20.43 0.38 0.00	10.13 0.14 0.00	18.24 0.30 0.00	15.24 0.23 0.00	12.42 0.13 0.00	21.53 0.21 0.00	25.90 0.21 0.00	32.61 0.24 0.00	44.34 0.51 0.00	42.92 0.26 0.00	34.62 0.04 0.00	30.92 0.00 0.00	25.39 -0.03 0.00
W.BABYLN_69_KV_BK1 56697	49.40 2.64 -12.44	44.86 2.72 -9.24	34.01 2.47 -0.78	30.84 2.26 0.00	31.47 2.32 0.00	32.95 2.44 0.00	32.65 2.33 -0.18	30.64 2.16 -0.92	26.45 1.86 -0.81	24.04 1.73 -1.24	15.84 1.13 -0.98	22.30 1.62 -0.63	11.93 0.83 -1.11	20.23 1.50 -0.80	17.50 1.27 -1.21	19.86 1.18 -6.39	32.08 2.09 -8.67	37.06 2.50 -8.87	44.37 2.91 -9.10	49.21 3.41 -1.97	54.98 3.57 -8.74	46.47 2.93 -8.96	43.06 2.82 -9.32	41.27 2.38 -13.47
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	35.88 1.55 0.00	34.38 1.48 0.00	32.07 1.32 0.00	29.85 1.27 0.00	30.50 1.35 0.00	31.98 1.47 0.00	31.63 1.49 0.00	28.99 1.43 0.00	25.01 1.22 0.00	22.20 1.13 0.00	14.45 0.72 0.00	21.12 1.07 0.00	10.56 0.58 0.00	18.98 1.04 0.00	15.92 0.91 0.00	13.10 0.82 0.00	22.80 1.48 0.00	27.53 1.84 0.00	34.52 2.16 0.00	46.37 2.54 0.00	45.13 2.47 0.00	36.54 1.96 0.00	32.73 1.81 0.00	26.90 1.48 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	36.10 1.77 0.00	34.60 1.71 0.00	32.31 1.56 0.00	30.06 1.48 0.00	30.70 1.56 0.00	32.18 1.67 0.00	31.82 1.67 0.00	29.18 1.63 0.00	25.20 1.41 0.00	22.40 1.32 0.00	14.57 0.84 0.00	21.29 1.23 0.00	10.66 0.67 0.00	19.14 1.21 0.00	16.06 1.05 0.00	13.24 0.95 0.00	23.00 1.67 0.00	27.71 2.02 0.00	34.69 2.33 0.00	46.49 2.67 0.00	45.26 2.60 0.00	36.67 2.09 0.00	32.90 1.97 0.00	27.10 1.67 0.00
W50THST__13_KV_LOAD 356117	36.23 1.90 0.00	34.73 1.83 0.00	32.42 1.67 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.29 1.78 0.00	31.93 1.79 0.00	29.30 1.74 0.00	25.31 1.52 0.00	22.49 1.42 0.00	14.64 0.91 0.00	21.39 1.34 0.00	10.71 0.72 0.00	19.24 1.31 0.00	16.15 1.14 0.00	13.31 1.02 0.00	23.12 1.80 0.00	27.85 2.17 0.00	34.85 2.48 0.00	46.68 2.86 0.00	45.43 2.77 0.00	36.81 2.23 0.00	33.00 2.08 0.00	27.19 1.76 0.00
WADING RIVER_IC_1 23522	112.89 2.93 -75.63	40.27 3.12 -4.26	29.91 2.83 3.68	26.47 2.52 4.63	27.65 2.54 4.04	27.95 2.61 5.17	27.90 2.50 4.75	26.45 2.26 3.37	22.73 1.91 2.96	18.28 1.74 4.54	11.94 1.15 2.95	19.97 1.62 1.71	7.67 0.84 3.15	16.98 1.50 2.45	14.67 1.26 1.60	15.25 1.19 -1.77	26.33 2.15 -2.85	29.44 2.56 -1.20	34.50 3.05 0.92	42.77 3.63 4.69	53.77 3.92 -7.18	55.20 3.22 -17.40	37.41 3.09 -3.39	33.15 2.59 -5.13
WADING RIVER_IC_2 23547	112.89 2.93 -75.63	40.27 3.12 -4.26	29.91 2.83 3.68	26.47 2.52 4.63	27.65 2.54 4.04	27.95 2.61 5.17	27.90 2.50 4.75	26.45 2.26 3.37	22.73 1.91 2.96	18.28 1.74 4.54	11.94 1.15 2.95	19.97 1.62 1.71	7.67 0.84 3.15	16.98 1.50 2.45	14.67 1.26 1.60	15.25 1.19 -1.77	26.33 2.15 -2.85	29.44 2.56 -1.20	34.50 3.05 0.92	42.77 3.63 4.69	53.77 3.92 -7.18	55.20 3.22 -17.40	37.41 3.09 -3.39	33.15 2.59 -5.13
WADING RIVER_IC_3 23601	112.89 2.93 -75.63	40.27 3.12 -4.26	29.91 2.83 3.68	26.47 2.52 4.63	27.65 2.54 4.04	27.95 2.61 5.17	27.90 2.50 4.75	26.45 2.26 3.37	22.73 1.91 2.96	18.28 1.74 4.54	11.94 1.15 2.95	19.97 1.62 1.71	7.67 0.84 3.15	16.98 1.50 2.45	14.67 1.26 1.60	15.25 1.19 -1.77	26.33 2.15 -2.85	29.44 2.56 -1.20	34.50 3.05 0.92	42.77 3.63 4.69	53.77 3.92 -7.18	55.20 3.22 -17.40	37.41 3.09 -3.39	33.15 2.59 -5.13
WALDENNY_12_KV_BK2 80841	32.67 -1.66 0.00	31.22 -1.68 0.00	29.07 -1.68 0.00	26.87 -1.71 0.00	27.40 -1.75 0.00	28.64 -1.87 0.00	26.77 -2.46 0.92	12.39 -2.59 12.57	10.52 -2.27 11.00	12.44 -1.91 6.73	11.43 -1.15 1.15	11.04 -1.53 7.49	7.47 -0.79 1.73	6.72 -1.50 9.72	4.62 -1.29 9.10	3.61 -0.97 7.70	8.63 -1.85 10.84	11.43 -2.32 11.93	22.88 -2.85 6.63	39.89 -3.93 0.00	39.15 -3.52 0.00	31.62 -2.76 0.20	28.41 -2.51 0.00	23.35 -2.07 0.00
WALDEN__HYDRO 24148	35.80 1.47 0.00	34.29 1.39 0.00	32.01 1.26 0.00	29.79 1.22 0.00	30.45 1.30 0.00	31.92 1.41 0.00	31.57 1.42 0.00	28.91 1.36 0.00	24.94 1.15 0.00	22.13 1.05 0.00	14.39 0.67 0.00	21.04 0.98 0.00	10.51 0.52 0.00	18.87 0.94 0.00	15.83 0.82 0.00	13.01 0.72 0.00	22.63 1.31 0.00	27.34 1.66 0.00	34.35 1.99 0.00	46.22 2.40 0.00	45.03 2.36 0.00	36.46 1.88 0.00	32.65 1.73 0.00	26.84 1.42 0.00
WARRENSBURG____ 23737	35.46 1.14 0.00	33.92 1.03 0.00	31.83 1.08 0.00	29.63 1.05 0.00	30.27 1.12 0.00	31.78 1.27 0.00	31.49 1.34 0.00	28.95 1.40 0.00	25.07 1.28 0.00	22.17 1.10 0.00	14.43 0.70 0.00	21.07 1.01 0.00	10.37 0.39 0.00	18.72 0.79 0.00	15.66 0.65 0.00	12.77 0.49 0.00	22.19 0.87 0.00	26.86 1.17 0.00	33.91 1.55 0.00	45.99 2.16 0.00	44.79 2.12 0.00	36.33 1.75 0.00	32.46 1.53 0.00	26.60 1.18 0.00
WATERSIDE____6 8 9 23538	36.12 1.79 0.00	34.63 1.73 0.00	32.35 1.60 0.00	30.08 1.51 0.00	30.72 1.57 0.00	32.19 1.68 0.00	31.85 1.70 0.00	29.23 1.67 0.00	25.25 1.46 0.00	22.44 1.36 0.00	14.60 0.88 0.00	21.33 1.27 0.00	10.68 0.69 0.00	19.17 1.24 0.00	16.09 1.07 0.00	13.25 0.96 0.00	23.02 1.70 0.00	27.72 2.04 0.00	33.69 2.35 1.02	46.63 2.80 0.00	45.39 2.72 0.00	36.78 2.20 0.00	32.96 2.04 0.00	27.17 1.74 -0.01
WATKINRD_115KV_LN8_ILLION 55919	34.14 -0.18 0.00	32.65 -0.25 0.00	30.54 -0.21 0.00	28.43 -0.15 0.00	29.01 -0.14 0.00	30.40 -0.11 0.00	30.04 -0.10 0.00	27.52 -0.03 0.00	23.79 0.00 0.00	21.07 0.00 0.00	13.71 -0.02 0.00	19.95 -0.11 0.00	9.85 -0.13 0.00	17.63 -0.31 0.00	14.70 -0.31 0.00	12.02 -0.27 0.00	20.91 -0.42 0.00	25.34 -0.34 0.00	32.06 -0.31 0.00	43.57 -0.26 0.00	42.51 -0.16 0.00	34.48 -0.10 0.00	30.87 -0.05 0.00	25.35 -0.08 0.00

WDELAWARE___HYD 323627	36.14 1.81 0.00	34.59 1.70 0.00	32.29 1.53 0.00	30.04 1.47 0.00	30.70 1.55 0.00	32.17 1.67 0.00	31.82 1.68 0.00	29.12 1.56 0.00	25.10 1.32 0.00	22.26 1.18 0.00	14.45 0.72 0.00	21.12 1.06 0.00	10.52 0.53 0.00	18.88 0.95 0.00	15.82 0.81 0.00	13.00 0.71 0.00	22.63 1.31 0.00	27.40 1.71 0.00	34.54 2.18 0.00	46.61 2.78 0.00	45.39 2.72 0.00	36.76 2.18 0.00	32.89 1.97 0.00	27.02 1.60 0.00
WEST BABYLON___IC 23714	49.40 2.64 -12.44	44.86 2.72 -9.24	34.01 2.47 -0.78	30.84 2.26 0.00	31.47 2.32 0.00	32.95 2.44 0.00	32.65 2.33 -0.18	30.64 2.16 -0.92	26.45 1.86 -0.81	24.04 1.73 -1.24	15.84 1.13 -0.98	22.30 1.62 -0.63	11.93 0.83 -1.11	20.23 1.50 -0.80	17.50 1.27 -1.21	19.86 1.18 -6.39	32.08 2.09 -8.67	37.06 2.50 -8.87	44.37 2.91 -9.10	49.21 3.41 -1.97	54.98 3.57 -8.74	46.47 2.93 -8.96	43.06 2.82 -9.32	41.27 2.38 -13.47
WEST CANADA___HYD 24049	34.23 -0.09 0.00	32.80 -0.10 0.00	30.66 -0.09 0.00	28.50 -0.07 0.00	29.09 -0.06 0.00	30.45 -0.05 0.00	30.10 -0.05 0.00	27.54 -0.02 0.00	23.78 0.00 0.00	21.07 -0.01 0.00	13.71 -0.01 0.00	20.04 -0.02 0.00	9.97 -0.02 0.00	17.90 -0.03 0.00	14.98 -0.03 0.00	12.26 -0.02 0.00	21.30 -0.02 0.00	25.67 -0.02 0.00	32.33 -0.03 0.00	43.77 -0.05 0.00	42.62 -0.04 0.00	34.55 -0.03 0.00	30.92 0.00 0.00	25.43 0.01 0.00
WESTERN_NY_WIND 24143	33.15 -1.18 0.00	31.69 -1.20 0.00	29.52 -1.24 0.00	27.32 -1.26 0.00	27.85 -1.30 0.00	29.14 -1.37 0.00	27.54 -1.91 0.70	18.17 -2.16 7.22	15.85 -2.07 5.88	15.73 -1.75 3.60	11.99 -1.13 0.61	14.53 -1.52 4.01	8.26 -0.79 0.93	11.22 -1.51 5.20	8.85 -1.29 4.87	7.16 -1.00 4.13	13.66 -1.85 5.81	17.01 -2.29 6.39	26.16 -2.66 3.55	40.50 -3.33 0.00	39.94 -2.73 0.00	32.34 -2.09 0.15	28.95 -1.97 0.00	23.75 -1.67 0.00
WESTOVER___LESR 323668	34.12 -0.20 0.00	32.61 -0.29 0.00	30.47 -0.28 0.00	28.24 -0.33 0.00	28.83 -0.32 0.00	30.18 -0.33 0.00	29.23 -0.43 0.49	25.97 -0.39 1.20	23.44 -0.35 0.00	20.74 -0.33 0.00	13.50 -0.23 0.00	19.77 -0.29 0.00	9.85 -0.14 0.00	17.70 -0.23 0.00	14.81 -0.20 0.00	12.17 -0.12 0.00	21.08 -0.24 0.00	25.43 -0.25 0.00	32.06 -0.31 0.00	43.41 -0.42 0.00	42.35 -0.32 0.00	34.16 -0.31 0.11	30.65 -0.27 0.00	25.21 -0.22 0.00
WETHRSFD_WT_PWR 323626	32.49 -1.84 0.00	30.99 -1.91 0.00	28.79 -1.97 0.00	26.59 -1.99 0.00	27.14 -2.01 0.00	28.35 -2.16 0.00	26.28 -2.59 1.28	-13.21 -2.61 38.16	-15.92 -2.32 37.38	-3.82 -2.08 22.82	8.45 -1.38 3.90	-7.26 -1.92 25.40	3.16 -0.96 5.86	-16.75 -1.72 32.96	-17.34 -1.47 30.88	-14.99 -1.13 26.14	-17.55 -2.08 36.80	-17.19 -2.40 40.47	6.95 -2.93 22.48	40.13 -3.70 0.00	39.48 -3.19 0.00	31.70 -2.60 0.28	28.55 -2.37 0.00	23.47 -1.95 0.00
WHAVSTOR_138KV_BK127 55557	35.72 1.40 0.00	34.23 1.34 0.00	31.95 1.20 0.00	29.74 1.16 0.00	30.39 1.24 0.00	31.86 1.35 0.00	31.51 1.36 0.00	28.88 1.32 0.00	24.91 1.12 0.00	22.12 1.04 0.00	14.39 0.67 0.00	21.04 0.98 0.00	10.52 0.54 0.00	18.90 0.97 0.00	15.86 0.85 0.00	13.05 0.77 0.00	22.70 1.38 0.00	27.40 1.71 0.00	34.35 1.99 0.00	46.14 2.31 0.00	44.90 2.24 0.00	36.36 1.78 0.00	32.58 1.66 0.00	26.79 1.37 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	35.72 1.40 0.00	34.23 1.34 0.00	31.95 1.20 0.00	29.74 1.16 0.00	30.39 1.24 0.00	31.86 1.35 0.00	31.51 1.36 0.00	28.88 1.32 0.00	24.91 1.12 0.00	22.12 1.04 0.00	14.39 0.67 0.00	21.04 0.98 0.00	10.52 0.54 0.00	18.90 0.97 0.00	15.86 0.85 0.00	13.05 0.77 0.00	22.70 1.38 0.00	27.40 1.71 0.00	34.35 1.99 0.00	46.14 2.31 0.00	44.90 2.24 0.00	36.36 1.78 0.00	32.58 1.66 0.00	26.79 1.37 0.00
WHITEHAL_115KV_TB1 80871	35.84 1.51 0.00	34.27 1.37 0.00	32.35 1.60 0.00	30.12 1.54 0.00	30.87 1.72 0.00	32.41 1.90 0.00	32.16 2.01 0.00	29.76 2.21 0.00	25.79 2.01 0.00	22.63 1.56 0.00	14.72 0.99 0.00	21.54 1.48 0.00	10.57 0.59 0.00	19.06 1.13 0.00	15.91 0.90 0.00	13.05 0.76 0.00	22.44 1.12 0.00	27.24 1.55 0.00	34.08 1.71 0.00	46.31 2.48 0.00	45.17 2.51 0.00	36.76 2.18 0.00	32.77 1.85 0.00	26.81 1.39 0.00
WHITEPLN_13_KV_LOAD 356215	36.16 1.83 0.00	34.65 1.76 0.00	32.35 1.59 0.00	30.10 1.52 0.00	30.74 1.59 0.00	32.22 1.71 0.00	31.87 1.73 0.00	29.21 1.66 0.00	25.21 1.43 0.00	22.39 1.32 0.00	14.58 0.85 0.00	21.30 1.24 0.00	10.65 0.67 0.00	19.14 1.21 0.00	16.06 1.04 0.00	13.22 0.93 0.00	22.99 1.67 0.00	27.73 2.05 0.00	34.77 2.40 0.00	46.69 2.86 0.00	45.44 2.78 0.00	36.81 2.23 0.00	32.97 2.05 0.00	27.13 1.71 0.00
WM_FLOYD_69_KV_BK2 356380	109.93 2.93 -72.67	40.35 3.09 -4.36	29.97 2.80 3.59	26.55 2.51 4.54	27.73 2.54 3.96	28.08 2.63 5.06	28.03 2.53 4.65	26.56 2.29 3.28	22.83 1.93 2.88	18.42 1.77 4.42	12.02 1.16 2.87	20.03 1.63 1.66	7.76 0.84 3.06	17.05 1.51 2.39	14.73 1.26 1.54	15.33 1.18 -1.87	26.43 2.14 -2.97	29.62 2.58 -1.36	34.70 3.06 0.71	42.90 3.62 4.56	54.12 3.88 -7.57	55.85 3.18 -18.09	37.58 3.06 -3.60	33.29 2.57 -5.30
WOODARD__115KV_TB2 355635	33.64 -0.69 0.00	32.20 -0.70 0.00	30.07 -0.68 0.00	27.94 -0.64 0.00	28.50 -0.65 0.00	29.84 -0.67 0.00	29.41 -0.73 0.00	26.86 -0.70 0.00	23.17 -0.62 0.00	20.49 -0.58 0.00	13.34 -0.39 0.00	19.50 -0.56 0.00	9.71 -0.27 0.00	17.43 -0.50 0.00	14.60 -0.42 0.00	11.96 -0.32 0.00	20.75 -0.57 0.00	25.00 -0.68 0.00	31.54 -0.83 0.00	42.76 -1.06 0.00	41.72 -0.95 0.00	33.79 -0.79 0.00	30.22 -0.71 0.00	24.84 -0.58 0.00
WOODMERE_69_KV_BK1 55827	99.52 2.34 -62.85	101.45 2.41 -66.15	90.29 2.20 -57.33	89.86 2.05 -59.24	83.00 2.12 -51.74	99.36 2.25 -66.60	95.97 2.18 -63.64	72.76 2.01 -43.20	63.55 1.75 -38.01	80.95 1.65 -58.22	51.42 1.08 -36.62	42.25 1.55 -20.65	49.24 0.81 -38.44	49.90 1.47 -30.49	41.44 1.25 -25.18	58.47 1.15 -45.03	83.03 1.99 -59.71	105.16 2.41 -77.06	137.52 2.72 -102.43	114.22 3.12 -67.27	142.39 3.29 -96.44	141.59 2.59 -104.43	112.50 2.45 -79.12	114.04 2.07 -86.56
YORK___WARBASSE 23770	36.27 1.94 0.00	34.75 1.85 0.00	32.45 1.69 0.00	30.16 1.59 0.00	30.80 1.65 0.00	32.27 1.77 0.00	31.94 1.79 0.00	29.31 1.75 0.00	25.32 1.53 0.00	22.48 1.41 0.00	14.61 0.88 0.00	21.35 1.28 0.00	10.68 0.70 0.00	19.19 1.25 0.00	16.10 1.09 0.00	13.26 0.98 0.00	23.05 1.73 0.00	27.76 2.07 0.00	39.67 2.40 -4.90	46.76 2.94 0.00	45.53 2.86 0.00	36.89 2.31 0.00	33.08 2.15 0.00	27.24 1.81 -0.01