

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

02/03/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	33.55	37.34	35.15	32.20	31.96	30.37	33.13	40.36	38.12	31.74	31.14	29.10	27.66	24.32	23.74	31.81	41.29	41.03	40.89	42.10	38.62	34.95	40.03	37.80
24138	1.41	1.50	1.44	1.27	1.29	1.36	1.65	1.99	1.91	1.58	1.62	1.67	1.56	1.33	1.20	1.58	1.93	2.35	2.62	2.50	2.20	2.01	2.01	1.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.66	37.44	35.25	32.29	32.05	30.45	33.22	40.47	38.22	31.79	31.20	29.16	27.70	24.37	23.78	31.87	41.39	41.13	40.97	42.18	38.68	35.00	40.12	37.89
24260	1.52	1.60	1.54	1.36	1.38	1.44	1.73	2.11	2.02	1.63	1.69	1.73	1.60	1.37	1.24	1.63	2.03	2.45	2.71	2.57	2.26	2.06	2.10	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	33.66	37.44	35.25	32.29	32.05	30.45	33.22	40.47	38.22	31.79	31.20	29.16	27.70	24.37	23.78	31.87	41.39	41.13	40.97	42.18	38.68	35.00	40.12	37.89
24261	1.52	1.60	1.54	1.36	1.38	1.44	1.73	2.11	2.02	1.63	1.69	1.73	1.60	1.37	1.24	1.63	2.03	2.45	2.71	2.57	2.26	2.06	2.10	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	33.62	37.46	35.26	32.35	31.97	30.34	33.07	40.60	38.10	31.39	30.67	28.40	26.88	23.63	23.31	31.78	41.66	41.24	40.88	42.10	38.40	34.76	39.80	37.69
24011	1.48	1.62	1.55	1.42	1.30	1.33	1.58	2.24	1.89	1.24	1.15	0.97	0.79	0.63	0.77	1.54	2.31	2.56	2.62	2.50	1.98	1.82	1.78	1.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	33.76	37.59	35.40	32.46	32.08	30.45	33.22	40.84	38.29	31.51	30.81	28.50	26.96	23.70	23.42	32.05	42.02	41.55	41.20	42.47	38.67	35.03	40.03	37.89
23798	1.62	1.75	1.69	1.53	1.41	1.44	1.74	2.48	2.08	1.36	1.29	1.08	0.87	0.71	0.89	1.81	2.66	2.87	2.94	2.86	2.25	2.09	2.01	1.72
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	33.62	37.46	35.26	32.35	31.97	30.34	33.07	40.60	38.10	31.39	30.67	28.40	26.88	23.63	23.31	31.78	41.66	41.24	40.88	42.10	38.40	34.76	39.80	37.69
24028	1.48	1.62	1.55	1.42	1.30	1.33	1.58	2.24	1.89	1.24	1.15	0.97	0.79	0.63	0.77	1.54	2.31	2.56	2.62	2.50	1.98	1.82	1.78	1.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	33.60	37.72	35.53	32.57	32.28	30.60	33.00	40.34	37.84	31.34	30.74	28.50	26.95	23.64	23.22	31.52	41.29	40.92	40.63	41.63	38.04	34.47	39.59	37.55
23527	1.46	1.87	1.82	1.64	1.62	1.59	1.51	1.98	1.63	1.18	1.22	1.07	0.86	0.64	0.69	1.29	1.93	2.24	2.37	2.02	1.62	1.53	1.56	1.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	32.27	36.01	33.89	31.09	30.84	29.19	31.67	38.66	36.37	30.19	29.60	27.55	26.18	23.05	22.60	30.36	39.62	39.24	38.92	40.03	36.69	33.20	38.15	36.19
24190	0.13	0.17	0.17	0.15	0.17	0.18	0.18	0.29	0.16	0.04	0.08	0.12	0.08	0.06	0.06	0.13	0.26	0.56	0.66	0.43	0.26	0.25	0.12	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	32.58	36.37	34.22	31.38	31.07	29.31	31.74	38.74	36.73	30.64	29.97	27.82	26.56	23.48	23.05	30.87	40.06	38.84	38.08	39.71	36.73	33.20	38.48	36.74
355683	0.44	0.53	0.50	0.45	0.40	0.30	0.25	0.37	0.52	0.48	0.46	0.39	0.46	0.48	0.51	0.63	0.70	0.16	-0.18	0.10	0.30	0.25	0.46	0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	33.02	36.83	34.68	31.83	31.52	29.82	32.34	39.45	36.94	30.55	29.94	27.80	26.41	23.21	22.74	30.74	40.43	40.13	39.79	40.93	37.50	33.92	39.03	37.03
323833	0.88	0.98	0.96	0.90	0.85	0.81	0.86	1.09	0.73	0.39	0.43	0.37	0.31	0.21	0.20	0.50	1.08	1.45	1.53	1.33	1.08	0.98	1.00	0.86
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	33.01	36.81	34.67	31.83	31.51	29.81	32.33	39.45	36.93	30.54	29.94	27.80	26.40	23.21	22.73	30.73	40.43	40.12	39.78	40.92	37.48	33.92	39.01	37.02
323834	0.87	0.96	0.96	0.89	0.85	0.80	0.85	1.08	0.72	0.38	0.42	0.37	0.30	0.21	0.20	0.50	1.07	1.45	1.52	1.32	1.06	0.98	0.99	0.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	32.27	36.01	33.89	31.09	30.84	29.19	31.67	38.66	36.37	30.19	29.60	27.55	26.18	23.05	22.60	30.36	39.62	39.24	38.92	40.03	36.69	33.20	38.15	36.19
23571	0.13	0.17	0.17	0.15	0.17	0.18	0.18	0.29	0.16	0.04	0.08	0.12	0.08	0.06	0.06	0.13	0.26	0.56	0.66	0.43	0.26	0.25	0.12	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	32.27 0.13 0.00	36.01 0.17 0.00	33.89 0.17 0.00	31.09 0.15 0.00	30.84 0.17 0.00	29.19 0.18 0.00	31.67 0.18 0.00	38.66 0.29 0.00	36.37 0.16 0.00	30.19 0.04 0.00	29.60 0.08 0.00	27.55 0.12 0.00	26.18 0.08 0.00	23.05 0.06 0.00	22.60 0.06 0.00	30.36 0.13 0.00	39.62 0.26 0.00	39.24 0.56 0.00	38.92 0.66 0.00	40.03 0.43 0.00	36.69 0.26 0.00	33.20 0.25 0.00	38.15 0.12 0.00	36.19 0.02 0.00
ALBANY___3 23573	32.27 0.13 0.00	36.01 0.17 0.00	33.89 0.17 0.00	31.09 0.15 0.00	30.84 0.17 0.00	29.19 0.18 0.00	31.67 0.18 0.00	38.66 0.29 0.00	36.37 0.16 0.00	30.19 0.04 0.00	29.60 0.08 0.00	27.55 0.12 0.00	26.18 0.08 0.00	23.05 0.06 0.00	22.60 0.06 0.00	30.36 0.13 0.00	39.62 0.26 0.00	39.24 0.56 0.00	38.92 0.66 0.00	40.03 0.43 0.00	36.69 0.26 0.00	33.20 0.25 0.00	38.15 0.12 0.00	36.19 0.02 0.00
ALBANY___4 23574	32.27 0.13 0.00	36.01 0.17 0.00	33.89 0.17 0.00	31.09 0.15 0.00	30.84 0.17 0.00	29.19 0.18 0.00	31.67 0.18 0.00	38.66 0.29 0.00	36.37 0.16 0.00	30.19 0.04 0.00	29.60 0.08 0.00	27.55 0.12 0.00	26.18 0.08 0.00	23.05 0.06 0.00	22.60 0.06 0.00	30.36 0.13 0.00	39.62 0.26 0.00	39.24 0.56 0.00	38.92 0.66 0.00	40.03 0.43 0.00	36.69 0.26 0.00	33.20 0.25 0.00	38.15 0.12 0.00	36.19 0.02 0.00
ALBANY___LFGE 323615	32.59 0.45 0.00	36.38 0.54 0.00	34.22 0.51 0.00	31.39 0.46 0.00	31.14 0.47 0.00	29.48 0.47 0.00	31.98 0.49 0.00	39.06 0.69 0.00	36.74 0.52 0.00	30.50 0.34 0.00	29.89 0.37 0.00	27.80 0.37 0.00	26.41 0.32 0.00	23.26 0.26 0.00	22.81 0.27 0.00	30.66 0.43 0.00	40.04 0.69 0.00	39.65 0.97 0.00	39.33 1.07 0.00	40.45 0.85 0.00	37.06 0.64 0.00	33.53 0.59 0.00	38.54 0.51 0.00	36.55 0.38 0.00
ALCOA_PA_115KV_PL-6C 55860	32.73 0.60 0.00	36.64 0.80 0.00	34.48 0.77 0.00	31.62 0.69 0.00	31.30 0.64 0.00	29.43 0.42 0.00	31.84 0.35 0.00	38.87 0.50 0.00	36.85 0.64 0.00	30.73 0.57 0.00	30.05 0.53 0.00	27.88 0.45 0.00	26.63 0.54 0.00	23.62 0.62 0.00	23.18 0.65 0.00	30.98 0.74 0.00	40.21 0.85 0.00	39.00 0.32 0.00	38.22 -0.04 0.00	39.83 0.23 0.00	36.85 0.43 0.00	33.31 0.37 0.00	38.64 0.61 0.00	36.91 0.74 0.00
ALCOA_RYNLDS___DRP 24188	32.73 0.60 0.00	36.64 0.80 0.00	34.48 0.77 0.00	31.62 0.69 0.00	31.30 0.64 0.00	29.43 0.42 0.00	31.84 0.35 0.00	38.87 0.50 0.00	36.85 0.64 0.00	30.73 0.57 0.00	30.05 0.53 0.00	27.88 0.45 0.00	26.63 0.54 0.00	23.62 0.62 0.00	23.18 0.65 0.00	30.98 0.74 0.00	40.21 0.85 0.00	39.00 0.32 0.00	38.22 -0.04 0.00	39.83 0.23 0.00	36.85 0.43 0.00	33.31 0.37 0.00	38.64 0.61 0.00	36.91 0.74 0.00
ALCOA___DSASP 323711	32.73 0.60 0.00	36.64 0.80 0.00	34.48 0.77 0.00	31.62 0.69 0.00	31.30 0.64 0.00	29.43 0.42 0.00	31.84 0.35 0.00	38.87 0.50 0.00	36.85 0.64 0.00	30.73 0.57 0.00	30.04 0.53 0.00	27.88 0.45 0.00	26.63 0.54 0.00	23.62 0.62 0.00	23.18 0.65 0.00	30.98 0.74 0.00	40.21 0.85 0.00	39.00 0.32 0.00	38.22 -0.04 0.00	39.83 0.23 0.00	36.85 0.43 0.00	33.31 0.37 0.00	38.64 0.61 0.00	36.91 0.74 0.00
ALLEGHENY___COGEN 23514	32.68 0.55 0.00	36.39 0.55 0.00	34.19 0.47 0.00	31.41 0.48 0.00	31.17 0.51 0.00	29.52 0.50 0.00	32.03 0.54 0.00	38.90 0.53 0.00	36.71 0.50 0.00	30.72 0.57 0.00	29.70 0.19 0.00	27.14 -0.29 0.00	25.69 -0.41 0.00	22.49 -0.51 0.00	21.91 -0.63 0.00	29.37 -0.87 0.00	38.63 -0.72 0.00	39.41 0.73 0.00	39.63 1.37 0.00	40.83 1.22 0.00	37.18 0.76 0.00	33.45 0.51 0.00	38.64 0.62 0.00	36.67 0.49 0.00
ALTAMONT_115KV_TB 2 55880	32.70 0.56 0.00	36.49 0.64 0.00	34.32 0.61 0.00	31.50 0.57 0.00	31.24 0.57 0.00	29.57 0.56 0.00	32.10 0.61 0.00	39.17 0.80 0.00	36.88 0.67 0.00	30.63 0.46 0.00	29.99 0.48 0.00	27.89 0.46 0.00	26.49 0.40 0.00	23.31 0.31 0.00	22.84 0.30 0.00	30.73 0.49 0.00	40.11 0.75 0.00	39.70 1.02 0.00	39.38 1.12 0.00	40.56 0.96 0.00	37.18 0.76 0.00	33.64 0.70 0.00	38.70 0.67 0.00	36.71 0.54 0.00
ALTONA_WT_PWR 323606	34.00 1.86 0.00	37.71 1.87 0.00	35.54 1.83 0.00	32.56 1.63 0.00	32.15 1.48 0.00	30.25 1.24 0.00	32.60 1.12 0.00	39.86 1.50 0.00	37.66 1.45 0.00	31.49 1.33 0.00	30.82 1.30 0.00	28.57 1.14 0.00	27.24 1.14 0.00	24.09 1.09 0.00	23.74 1.21 0.00	31.95 1.71 0.00	41.26 1.90 0.00	40.27 1.59 0.00	39.56 1.29 0.00	40.97 1.36 0.00	37.78 1.36 0.00	34.21 1.27 0.00	39.56 1.54 0.00	38.12 1.95 0.00
AMERICAN_REF_FUEL 24010	29.43 -2.71 0.00	32.90 -2.95 0.00	30.91 -2.80 0.00	28.26 -2.68 0.00	27.97 -2.70 0.00	26.55 -2.46 0.00	28.59 -2.90 0.00	33.79 -4.57 0.00	31.57 -4.64 0.00	26.71 -3.44 0.00	26.04 -3.48 0.00	24.18 -3.25 0.00	23.19 -2.91 0.00	20.50 -2.50 0.00	19.99 -2.55 0.00	26.52 -3.72 0.00	34.03 -5.32 0.00	33.89 -4.79 0.00	34.02 -4.24 0.00	34.43 -5.17 0.00	31.21 -5.21 0.00	28.27 -4.67 0.00	33.32 -4.70 0.00	32.10 -4.07 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.24 -0.90 0.00	34.82 -1.02 0.00	32.76 -0.96 0.00	29.96 -0.97 0.00	29.69 -0.97 0.00	28.15 -0.87 0.00	30.38 -1.10 0.00	36.28 -2.09 0.00	33.95 -2.26 0.00	28.68 -1.48 0.00	27.91 -1.60 0.00	25.98 -1.45 0.00	24.88 -1.22 0.00	21.92 -1.08 0.00	21.32 -1.21 0.00	28.42 -1.82 0.00	36.53 -2.82 0.00	36.34 -2.34 0.00	36.50 -1.76 0.00	37.12 -2.49 0.00	33.63 -2.79 0.00	30.47 -2.47 0.00	35.65 -2.37 0.00	34.10 -2.08 0.00
ARTHUR KILL_GT_1 23520	33.53 1.39 0.00	37.36 1.52 0.00	35.42 1.70 -0.01	32.52 1.58 -0.01	32.27 1.60 0.00	30.66 1.64 -0.01	33.25 1.76 0.00	40.34 1.98 0.00	38.10 1.89 0.00	31.71 1.55 0.00	31.06 1.54 0.00	29.01 1.58 0.00	27.56 1.47 0.00	24.27 1.27 0.00	23.68 1.14 0.00	31.71 1.48 0.00	41.13 1.78 0.00	40.89 2.20 0.00	40.77 2.51 0.00	42.02 2.41 0.00	38.58 2.16 0.00	34.92 1.97 -0.01	84.46 1.87 -44.56	37.78 1.61 0.00
ARTHUR_KILL_2 23512	33.43 1.29 0.00	37.25 1.41 0.00	35.33 1.62 -0.01	32.44 1.50 -0.01	32.18 1.52 0.00	30.58 1.56 -0.01	33.16 1.67 0.00	40.23 1.86 0.00	37.99 1.78 0.00	31.63 1.47 0.00	30.98 1.46 0.00	28.94 1.51 0.00	27.51 1.41 0.00	24.21 1.21 0.00	23.62 1.08 0.00	31.63 1.40 0.00	41.02 1.67 0.00	40.76 2.08 0.00	40.65 2.38 0.00	41.88 2.27 0.00	38.47 2.04 0.00	34.82 1.87 -0.01	84.34 1.75 -44.56	37.68 1.51 0.00
ARTHUR_KILL_3 23513	33.31 1.18 0.00	37.08 1.24 0.00	34.85 1.14 0.00	31.91 0.98 0.00	31.68 1.01 0.00	30.10 1.08 0.00	32.86 1.37 0.00	40.04 1.67 0.00	37.83 1.61 0.00	31.47 1.32 0.00	30.85 1.34 0.00	28.84 1.41 0.00	27.42 1.33 0.00	24.12 1.12 0.00	23.54 1.01 0.00	31.53 1.29 0.00	40.88 1.53 0.00	40.65 1.98 0.00	40.51 2.25 0.00	41.70 2.10 0.00	38.27 1.85 0.00	34.65 1.70 -0.01	74.61 1.68 -34.90	37.52 1.35 0.00

ARTHUR_KILL_COGEN 323718	33.53 1.39 0.00	37.36 1.52 0.00	35.42 1.70 -0.01	32.52 1.58 -0.01	32.27 1.60 0.00	30.66 1.64 -0.01	33.25 1.76 0.00	40.34 1.98 0.00	38.10 1.89 0.00	31.71 1.55 0.00	31.06 1.54 0.00	29.01 1.58 0.00	27.56 1.47 0.00	24.27 1.27 0.00	23.68 1.14 0.00	31.71 1.48 0.00	41.13 1.78 0.00	40.89 2.20 0.00	40.77 2.51 0.00	42.02 2.41 0.00	38.58 2.16 0.00	34.92 1.97 -0.01	84.46 1.87 -44.56	37.78 1.61 0.00
ASHOKAN____ 23654	33.47 1.33 0.00	37.27 1.43 0.00	35.07 1.36 0.00	32.18 1.25 0.00	31.94 1.27 0.00	30.26 1.25 0.00	32.95 1.46 0.00	40.24 1.88 0.00	37.84 1.63 0.00	31.28 1.13 0.00	30.54 1.03 0.00	28.35 0.93 0.00	26.85 0.76 0.00	23.57 0.57 0.00	23.11 0.58 0.00	31.24 1.00 0.00	41.10 1.75 0.00	41.02 2.34 0.00	40.78 2.52 0.00	41.92 2.31 0.00	38.35 1.93 0.00	34.66 1.72 0.00	39.81 1.79 0.00	37.63 1.46 0.00
ASTORIA_EAST_ENERGY_CC1 323581	33.33 1.19 0.00	37.20 1.36 0.00	34.95 1.24 0.00	31.99 1.06 0.00	31.74 1.07 0.00	30.16 1.15 0.00	32.87 1.39 0.00	40.08 1.71 0.00	37.96 1.75 0.00	31.60 1.44 0.00	30.99 1.48 0.00	28.96 1.53 0.00	27.51 1.41 0.00	24.21 1.21 0.00	23.60 1.06 0.00	31.62 1.38 0.00	41.01 1.66 0.00	40.78 2.11 0.00	40.62 2.36 0.00	41.83 2.22 0.00	38.41 1.99 0.00	34.77 1.83 0.00	39.81 1.79 0.00	37.63 1.46 0.00
ASTORIA_EAST_ENERGY_CC2 323582	33.33 1.19 0.00	37.20 1.36 0.00	34.95 1.24 0.00	31.99 1.06 0.00	31.74 1.07 0.00	30.16 1.15 0.00	32.87 1.39 0.00	40.08 1.71 0.00	37.96 1.75 0.00	31.60 1.44 0.00	30.99 1.48 0.00	28.96 1.53 0.00	27.51 1.41 0.00	24.21 1.21 0.00	23.60 1.06 0.00	31.62 1.38 0.00	41.01 1.66 0.00	40.78 2.11 0.00	40.62 2.36 0.00	41.83 2.22 0.00	38.41 1.99 0.00	34.77 1.83 0.00	39.81 1.79 0.00	37.63 1.46 0.00
ASTORIA_GT2_1 24094	33.34 1.20 0.00	37.21 1.37 0.00	34.97 1.25 0.00	32.01 1.08 0.00	31.76 1.09 0.00	30.19 1.18 0.00	32.89 1.41 0.00	40.09 1.72 0.00	37.98 1.77 0.00	31.62 1.46 0.00	31.02 1.50 0.00	28.99 1.56 0.00	27.52 1.43 0.00	24.21 1.21 0.00	23.61 1.07 0.00	31.63 1.39 0.00	41.03 1.68 0.00	40.80 2.13 0.00	40.63 2.37 0.00	41.85 2.25 0.00	38.43 2.01 0.00	34.80 1.86 0.00	39.85 1.82 0.00	37.65 1.48 0.00
ASTORIA_GT2_2 24095	33.34 1.20 0.00	37.21 1.37 0.00	34.97 1.25 0.00	32.01 1.08 0.00	31.76 1.09 0.00	30.19 1.18 0.00	32.89 1.41 0.00	40.09 1.72 0.00	37.98 1.77 0.00	31.62 1.46 0.00	31.02 1.50 0.00	28.99 1.56 0.00	27.52 1.43 0.00	24.21 1.21 0.00	23.61 1.07 0.00	31.63 1.39 0.00	41.03 1.68 0.00	40.80 2.13 0.00	40.63 2.37 0.00	41.85 2.25 0.00	38.43 2.01 0.00	34.80 1.86 0.00	39.85 1.82 0.00	37.65 1.48 0.00
ASTORIA_GT2_3 24096	33.34 1.20 0.00	37.21 1.37 0.00	34.97 1.25 0.00	32.01 1.08 0.00	31.76 1.09 0.00	30.19 1.18 0.00	32.89 1.41 0.00	40.09 1.72 0.00	37.98 1.77 0.00	31.62 1.46 0.00	31.02 1.50 0.00	28.99 1.56 0.00	27.52 1.43 0.00	24.21 1.21 0.00	23.61 1.07 0.00	31.63 1.39 0.00	41.03 1.68 0.00	40.80 2.13 0.00	40.63 2.37 0.00	41.85 2.25 0.00	38.43 2.01 0.00	34.80 1.86 0.00	39.85 1.82 0.00	37.65 1.48 0.00
ASTORIA_GT2_4 24097	33.34 1.20 0.00	37.21 1.37 0.00	34.97 1.25 0.00	32.01 1.08 0.00	31.76 1.09 0.00	30.19 1.18 0.00	32.89 1.41 0.00	40.09 1.72 0.00	37.98 1.77 0.00	31.62 1.46 0.00	31.02 1.50 0.00	28.99 1.56 0.00	27.52 1.43 0.00	24.21 1.21 0.00	23.61 1.07 0.00	31.63 1.39 0.00	41.03 1.68 0.00	40.80 2.13 0.00	40.63 2.37 0.00	41.85 2.25 0.00	38.43 2.01 0.00	34.80 1.86 0.00	39.85 1.82 0.00	37.65 1.48 0.00
ASTORIA_GT3_1 24098	33.34 1.20 0.00	37.21 1.37 0.00	34.97 1.25 0.00	32.01 1.08 0.00	31.76 1.09 0.00	30.19 1.18 0.00	32.89 1.41 0.00	40.09 1.72 0.00	37.98 1.77 0.00	31.62 1.46 0.00	31.02 1.50 0.00	28.99 1.56 0.00	27.52 1.43 0.00	24.21 1.21 0.00	23.61 1.07 0.00	31.63 1.39 0.00	41.03 1.68 0.00	40.80 2.13 0.00	40.63 2.37 0.00	41.85 2.25 0.00	38.43 2.01 0.00	34.80 1.86 0.00	39.85 1.82 0.00	37.65 1.48 0.00
ASTORIA_GT3_2 24099	33.34 1.20 0.00	37.21 1.37 0.00	34.97 1.25 0.00	32.01 1.08 0.00	31.76 1.09 0.00	30.19 1.18 0.00	32.89 1.41 0.00	40.09 1.72 0.00	37.98 1.77 0.00	31.62 1.46 0.00	31.02 1.50 0.00	28.99 1.56 0.00	27.52 1.43 0.00	24.21 1.21 0.00	23.61 1.07 0.00	31.63 1.39 0.00	41.03 1.68 0.00	40.80 2.13 0.00	40.63 2.37 0.00	41.85 2.25 0.00	38.43 2.01 0.00	34.80 1.86 0.00	39.85 1.82 0.00	37.65 1.48 0.00
ASTORIA_GT3_3 24100	33.34 1.20 0.00	37.21 1.37 0.00	34.97 1.25 0.00	32.01 1.08 0.00	31.76 1.09 0.00	30.19 1.18 0.00	32.89 1.41 0.00	40.09 1.72 0.00	37.98 1.77 0.00	31.62 1.46 0.00	31.02 1.50 0.00	28.99 1.56 0.00	27.52 1.43 0.00	24.21 1.21 0.00	23.61 1.07 0.00	31.63 1.39 0.00	41.03 1.68 0.00	40.80 2.13 0.00	40.63 2.37 0.00	41.85 2.25 0.00	38.43 2.01 0.00	34.80 1.86 0.00	39.85 1.82 0.00	37.65 1.48 0.00
ASTORIA_GT3_4 24101	33.34 1.20 0.00	37.21 1.37 0.00	34.97 1.25 0.00	32.01 1.08 0.00	31.76 1.09 0.00	30.19 1.18 0.00	32.89 1.41 0.00	40.09 1.72 0.00	37.98 1.77 0.00	31.62 1.46 0.00	31.02 1.50 0.00	28.99 1.56 0.00	27.52 1.43 0.00	24.21 1.21 0.00	23.61 1.07 0.00	31.63 1.39 0.00	41.03 1.68 0.00	40.80 2.13 0.00	40.63 2.37 0.00	41.85 2.25 0.00	38.43 2.01 0.00	34.80 1.86 0.00	39.85 1.82 0.00	37.65 1.48 0.00
ASTORIA_GT4_1 24102	33.34 1.20 0.00	37.21 1.37 0.00	34.97 1.25 0.00	32.01 1.08 0.00	31.76 1.09 0.00	30.19 1.18 0.00	32.89 1.41 0.00	40.09 1.72 0.00	37.98 1.77 0.00	31.62 1.46 0.00	31.02 1.50 0.00	28.99 1.56 0.00	27.52 1.43 0.00	24.21 1.21 0.00	23.61 1.07 0.00	31.63 1.39 0.00	41.03 1.68 0.00	40.80 2.13 0.00	40.63 2.37 0.00	41.85 2.25 0.00	38.43 2.01 0.00	34.80 1.86 0.00	39.85 1.82 0.00	37.65 1.48 0.00
ASTORIA_GT4_2 24103	33.34 1.20 0.00	37.21 1.37 0.00	34.97 1.25 0.00	32.01 1.08 0.00	31.76 1.09 0.00	30.19 1.18 0.00	32.89 1.41 0.00	40.09 1.72 0.00	37.98 1.77 0.00	31.62 1.46 0.00	31.02 1.50 0.00	28.99 1.56 0.00	27.52 1.43 0.00	24.21 1.21 0.00	23.61 1.07 0.00	31.63 1.39 0.00	41.03 1.68 0.00	40.80 2.13 0.00	40.63 2.37 0.00	41.85 2.25 0.00	38.43 2.01 0.00	34.80 1.86 0.00	39.85 1.82 0.00	37.65 1.48 0.00
ASTORIA_GT4_3 24104	33.34 1.20 0.00	37.21 1.37 0.00	34.97 1.25 0.00	32.01 1.08 0.00	31.76 1.09 0.00	30.19 1.18 0.00	32.89 1.41 0.00	40.09 1.72 0.00	37.98 1.77 0.00	31.62 1.46 0.00	31.02 1.50 0.00	28.99 1.56 0.00	27.52 1.43 0.00	24.21 1.21 0.00	23.61 1.07 0.00	31.63 1.39 0.00	41.03 1.68 0.00	40.80 2.13 0.00	40.63 2.37 0.00	41.85 2.25 0.00	38.43 2.01 0.00	34.80 1.86 0.00	39.85 1.82 0.00	37.65 1.48 0.00

ASTORIA_GT4_4 24105	33.34 1.20 0.00	37.21 1.37 0.00	34.97 1.25 0.00	32.01 1.08 0.00	31.76 1.09 0.00	30.19 1.18 0.00	32.89 1.41 0.00	40.09 1.72 0.00	37.98 1.77 0.00	31.62 1.46 0.00	31.02 1.50 0.00	28.99 1.56 0.00	27.52 1.43 0.00	24.21 1.21 0.00	23.61 1.07 0.00	31.63 1.39 0.00	41.03 1.68 0.00	40.80 2.13 0.00	40.63 2.37 0.00	41.85 2.25 0.00	38.43 2.01 0.00	34.80 1.86 0.00	39.85 1.82 0.00	37.65 1.48 0.00
ASTORIA_GT_1 23523	33.41 1.27 0.00	37.28 1.44 0.00	35.03 1.32 0.00	32.06 1.13 0.00	31.81 1.14 0.00	30.24 1.23 0.00	32.95 1.46 0.00	40.16 1.80 0.00	38.04 1.83 0.00	31.69 1.53 0.00	31.07 1.55 0.00	29.03 1.60 0.00	27.57 1.47 0.00	24.26 1.26 0.00	23.65 1.11 0.00	31.69 1.45 0.00	41.11 1.76 0.00	40.89 2.21 0.00	40.71 2.45 0.00	41.93 2.32 0.00	38.50 2.08 0.00	34.86 1.92 0.00	39.91 1.88 0.00	37.71 1.54 0.00
ASTORIA_GT_10 24110	33.42 1.28 0.00	37.22 1.38 0.00	35.07 1.35 0.00	32.13 1.20 0.00	31.89 1.23 0.00	30.30 1.29 0.00	33.03 1.54 0.00	40.23 1.86 0.00	38.00 1.78 0.00	31.62 1.46 0.00	31.02 1.51 0.00	28.98 1.56 0.00	27.54 1.44 0.00	24.23 1.23 0.00	23.63 1.10 0.00	31.67 1.44 0.00	41.10 1.74 0.00	40.86 2.18 0.00	40.69 2.42 0.00	41.90 2.30 0.00	38.46 2.04 0.00	34.80 1.86 0.00	39.89 1.86 0.00	37.67 1.50 0.00
ASTORIA_GT_11 24225	33.42 1.28 0.00	37.22 1.38 0.00	35.07 1.35 0.00	32.13 1.20 0.00	31.89 1.23 0.00	30.30 1.29 0.00	33.03 1.54 0.00	40.23 1.86 0.00	38.00 1.78 0.00	31.62 1.46 0.00	31.02 1.51 0.00	28.98 1.56 0.00	27.54 1.44 0.00	24.23 1.23 0.00	23.63 1.10 0.00	31.67 1.44 0.00	41.10 1.74 0.00	40.86 2.18 0.00	40.69 2.42 0.00	41.90 2.30 0.00	38.46 2.04 0.00	34.80 1.86 0.00	39.89 1.86 0.00	37.67 1.50 0.00
ASTORIA_GT_12 24226	33.42 1.28 0.00	37.22 1.38 0.00	35.07 1.35 0.00	32.13 1.20 0.00	31.89 1.23 0.00	30.30 1.29 0.00	33.03 1.54 0.00	40.23 1.86 0.00	38.00 1.78 0.00	31.62 1.46 0.00	31.02 1.51 0.00	28.98 1.56 0.00	27.54 1.44 0.00	24.23 1.23 0.00	23.63 1.10 0.00	31.67 1.44 0.00	41.10 1.74 0.00	40.86 2.18 0.00	40.69 2.42 0.00	41.90 2.30 0.00	38.46 2.04 0.00	34.80 1.86 0.00	39.89 1.86 0.00	37.67 1.50 0.00
ASTORIA_GT_13 24227	33.42 1.28 0.00	37.22 1.38 0.00	35.07 1.35 0.00	32.13 1.20 0.00	31.89 1.23 0.00	30.30 1.29 0.00	33.03 1.54 0.00	40.23 1.86 0.00	38.00 1.78 0.00	31.62 1.46 0.00	31.02 1.51 0.00	28.98 1.56 0.00	27.54 1.44 0.00	24.23 1.23 0.00	23.63 1.10 0.00	31.67 1.44 0.00	41.10 1.74 0.00	40.86 2.18 0.00	40.69 2.42 0.00	41.90 2.30 0.00	38.46 2.04 0.00	34.80 1.86 0.00	39.89 1.86 0.00	37.67 1.50 0.00
ASTORIA_GT_5 24106	33.40 1.26 0.00	37.28 1.44 0.00	35.03 1.32 0.00	32.06 1.13 0.00	31.81 1.14 0.00	30.23 1.22 0.00	32.95 1.46 0.00	40.17 1.80 0.00	38.05 1.84 0.00	31.68 1.52 0.00	31.07 1.55 0.00	29.04 1.61 0.00	27.57 1.48 0.00	24.26 1.26 0.00	23.65 1.12 0.00	31.69 1.45 0.00	41.11 1.75 0.00	40.88 2.20 0.00	40.71 2.44 0.00	41.93 2.32 0.00	38.51 2.09 0.00	34.86 1.92 0.00	39.92 1.89 0.00	37.71 1.54 0.00
ASTORIA_GT_7 24107	33.40 1.26 0.00	37.28 1.44 0.00	35.03 1.32 0.00	32.06 1.13 0.00	31.81 1.14 0.00	30.23 1.22 0.00	32.95 1.46 0.00	40.17 1.80 0.00	38.05 1.84 0.00	31.68 1.52 0.00	31.07 1.55 0.00	29.04 1.61 0.00	27.57 1.48 0.00	24.26 1.26 0.00	23.65 1.12 0.00	31.69 1.45 0.00	41.11 1.75 0.00	40.88 2.20 0.00	40.71 2.44 0.00	41.93 2.32 0.00	38.51 2.09 0.00	34.86 1.92 0.00	39.92 1.89 0.00	37.71 1.54 0.00
ASTORIA_GT_8 24108	33.40 1.26 0.00	37.28 1.44 0.00	35.03 1.32 0.00	32.06 1.13 0.00	31.81 1.14 0.00	30.23 1.22 0.00	32.95 1.46 0.00	40.17 1.80 0.00	38.05 1.84 0.00	31.68 1.52 0.00	31.07 1.55 0.00	29.04 1.61 0.00	27.57 1.48 0.00	24.26 1.26 0.00	23.65 1.12 0.00	31.69 1.45 0.00	41.11 1.75 0.00	40.88 2.20 0.00	40.71 2.44 0.00	41.93 2.32 0.00	38.51 2.09 0.00	34.86 1.92 0.00	39.92 1.89 0.00	37.71 1.54 0.00
ASTORIA___2 24149	33.35 1.21 0.00	37.22 1.38 0.00	34.96 1.25 0.00	32.01 1.08 0.00	31.76 1.09 0.00	30.19 1.18 0.00	32.89 1.40 0.00	40.09 1.72 0.00	37.97 1.76 0.00	31.62 1.47 0.00	31.02 1.50 0.00	28.98 1.55 0.00	27.52 1.43 0.00	24.21 1.21 0.00	23.61 1.07 0.00	31.63 1.39 0.00	41.04 1.68 0.00	40.81 2.13 0.00	40.63 2.37 0.00	41.85 2.25 0.00	38.43 2.01 0.00	34.80 1.85 0.00	39.84 1.81 0.00	37.65 1.48 0.00
ASTORIA___3 23516	33.42 1.28 0.00	37.22 1.38 0.00	35.07 1.36 0.00	32.13 1.20 0.00	31.89 1.23 0.00	30.30 1.29 0.00	33.03 1.54 0.00	40.23 1.86 0.00	37.99 1.79 0.00	31.62 1.46 0.00	31.02 1.51 0.00	28.98 1.55 0.00	27.54 1.44 0.00	24.22 1.23 0.00	23.63 1.10 0.00	31.67 1.44 0.00	41.10 1.75 0.00	40.86 2.17 0.00	40.69 2.42 0.00	41.90 2.30 0.00	38.46 2.04 0.00	34.80 1.86 0.00	39.88 1.85 0.00	37.67 1.50 0.00
ASTORIA___4 23517	33.42 1.28 0.00	37.22 1.38 0.00	35.07 1.35 0.00	32.13 1.20 0.00	31.89 1.23 0.00	30.30 1.29 0.00	33.03 1.54 0.00	40.23 1.86 0.00	38.00 1.78 0.00	31.62 1.46 0.00	31.02 1.51 0.00	28.98 1.56 0.00	27.54 1.44 0.00	24.23 1.23 0.00	23.63 1.10 0.00	31.67 1.44 0.00	41.10 1.74 0.00	40.86 2.18 0.00	40.69 2.42 0.00	41.90 2.30 0.00	38.46 2.04 0.00	34.80 1.86 0.00	39.89 1.86 0.00	37.67 1.50 0.00
ASTORIA___5 23518	33.42 1.29 0.00	37.22 1.38 0.00	35.07 1.36 0.00	32.13 1.20 0.00	31.89 1.23 0.00	30.30 1.29 0.00	33.03 1.54 0.00	40.23 1.86 0.00	37.99 1.79 0.00	31.62 1.46 0.00	31.02 1.51 0.00	28.98 1.55 0.00	27.54 1.44 0.00	24.22 1.23 0.00	23.63 1.10 0.00	31.67 1.44 0.00	41.10 1.75 0.00	40.86 2.17 0.00	40.69 2.42 0.00	41.90 2.30 0.00	38.46 2.04 0.00	34.80 1.86 0.00	39.88 1.85 0.00	37.67 1.50 0.00
AST_ENERGY_2_CC3 323677	33.38 1.24 0.00	37.13 1.29 0.00	34.94 1.22 0.00	32.01 1.08 0.00	31.77 1.11 0.00	30.19 1.18 0.00	32.94 1.45 0.00	40.10 1.73 0.00	37.88 1.67 0.00	31.54 1.38 0.00	30.94 1.42 0.00	28.91 1.48 0.00	27.48 1.38 0.00	24.16 1.16 0.00	23.58 1.05 0.00	31.60 1.36 0.00	41.01 1.66 0.00	40.76 2.09 0.00	40.60 2.34 0.00	41.80 2.20 0.00	38.35 1.93 0.00	34.72 1.78 0.00	39.79 1.76 0.00	37.59 1.42 0.00
AST_ENERGY_2_CC4 323678	33.38 1.24 0.00	37.13 1.29 0.00	34.94 1.22 0.00	32.01 1.08 0.00	31.77 1.11 0.00	30.19 1.18 0.00	32.94 1.45 0.00	40.10 1.73 0.00	37.88 1.67 0.00	31.54 1.38 0.00	30.94 1.42 0.00	28.91 1.48 0.00	27.48 1.38 0.00	24.16 1.16 0.00	23.58 1.05 0.00	31.60 1.36 0.00	41.01 1.66 0.00	40.76 2.09 0.00	40.60 2.34 0.00	41.80 2.20 0.00	38.35 1.93 0.00	34.72 1.78 0.00	39.79 1.76 0.00	37.59 1.42 0.00

ATHENS_STG_1 23668	32.92 0.78 0.00	36.72 0.88 0.00	34.51 0.80 0.00	31.68 0.75 0.00	31.44 0.77 0.00	29.76 0.75 0.00	32.35 0.87 0.00	39.47 1.11 0.00	37.21 1.00 0.00	30.90 0.74 0.00	30.30 0.79 0.00	28.20 0.77 0.00	26.78 0.69 0.00	23.55 0.55 0.00	23.04 0.51 0.00	30.98 0.75 0.00	40.39 1.04 0.00	40.00 1.32 0.00	39.73 1.47 0.00	40.92 1.32 0.00	37.51 1.09 0.00	33.96 1.01 0.00	39.02 0.99 0.00	36.97 0.80 0.00
ATHENS_STG_2 23670	32.92 0.78 0.00	36.72 0.88 0.00	34.51 0.80 0.00	31.68 0.75 0.00	31.44 0.77 0.00	29.76 0.75 0.00	32.35 0.87 0.00	39.47 1.11 0.00	37.21 1.00 0.00	30.90 0.74 0.00	30.30 0.79 0.00	28.20 0.77 0.00	26.78 0.69 0.00	23.55 0.55 0.00	23.04 0.51 0.00	30.98 0.75 0.00	40.39 1.04 0.00	40.00 1.32 0.00	39.73 1.47 0.00	40.92 1.32 0.00	37.51 1.09 0.00	33.96 1.01 0.00	39.02 0.99 0.00	36.97 0.80 0.00
ATHENS_STG_3 23677	32.92 0.78 0.00	36.72 0.88 0.00	34.51 0.80 0.00	31.68 0.75 0.00	31.44 0.77 0.00	29.76 0.75 0.00	32.35 0.87 0.00	39.47 1.11 0.00	37.21 1.00 0.00	30.90 0.74 0.00	30.30 0.79 0.00	28.20 0.77 0.00	26.78 0.69 0.00	23.55 0.55 0.00	23.04 0.51 0.00	30.98 0.75 0.00	40.39 1.04 0.00	40.00 1.32 0.00	39.73 1.47 0.00	40.92 1.32 0.00	37.51 1.09 0.00	33.96 1.01 0.00	39.02 0.99 0.00	36.97 0.80 0.00
AUBURN___LFGE 323710	31.94 -0.20 0.00	35.60 -0.24 0.00	33.49 -0.22 0.00	30.68 -0.25 0.00	30.36 -0.31 0.00	28.84 -0.17 0.00	31.36 -0.13 0.00	37.91 -0.45 0.00	35.76 -0.45 0.00	29.96 -0.19 0.00	29.28 -0.23 0.00	27.23 -0.19 0.00	25.85 -0.25 0.00	22.68 -0.32 0.00	22.26 -0.27 0.00	29.83 -0.41 0.00	38.80 -0.55 0.00	38.53 -0.15 0.00	38.22 -0.04 0.00	39.38 -0.22 0.00	36.14 -0.28 0.00	32.70 -0.24 0.00	37.79 -0.23 0.00	35.93 -0.25 0.00
BABYLON_RES_REC 323704	34.22 2.08 0.00	38.06 2.22 0.00	35.72 2.01 0.00	32.63 1.69 0.00	32.42 1.76 0.00	30.84 1.83 0.00	33.56 2.07 0.00	41.05 2.68 0.00	38.70 2.49 0.00	31.94 1.78 0.00	31.42 1.91 0.00	29.37 1.94 0.00	27.82 1.72 0.00	24.51 1.51 0.00	23.81 1.28 0.00	31.96 1.72 0.00	41.95 2.59 0.00	41.70 3.02 0.00	41.47 3.21 0.00	42.85 3.25 0.00	39.29 2.87 0.00	35.55 2.61 0.00	40.70 2.67 0.00	38.45 2.28 0.00
BABYLON__69_KV_BK2 356345	34.58 2.44 0.00	38.46 2.61 0.00	36.10 2.39 0.00	32.96 2.03 0.00	32.76 2.09 0.00	31.18 2.17 0.00	33.91 2.42 0.00	41.50 3.13 0.00	39.12 2.91 0.00	32.25 2.09 0.00	31.74 2.22 0.00	29.68 2.25 0.00	28.09 2.00 0.00	24.77 1.78 0.00	24.06 1.53 0.00	32.29 2.06 0.00	42.44 3.09 0.00	42.17 3.49 0.00	41.90 3.64 0.00	43.34 3.74 0.00	39.73 3.31 0.00	35.95 3.01 0.00	41.15 3.13 0.00	38.86 2.69 0.00
BALL_HILL_WT_PWR 323825	30.72 -1.42 0.00	34.26 -1.58 0.00	32.23 -1.48 0.00	29.50 -1.44 0.00	29.22 -1.45 0.00	27.68 -1.33 0.00	29.86 -1.63 0.00	35.62 -2.74 0.00	33.30 -2.91 0.00	28.12 -2.04 0.00	27.39 -2.13 0.00	25.52 -1.91 0.00	24.47 -1.63 0.00	21.57 -1.43 0.00	21.01 -1.53 0.00	27.98 -2.25 0.00	35.95 -3.41 0.00	35.70 -2.98 0.00	35.81 -2.45 0.00	36.43 -3.17 0.00	33.06 -3.37 0.00	29.93 -3.02 0.00	35.03 -3.00 0.00	33.51 -2.66 0.00
BARON_WINDS___WT_PWR 323822	31.97 -0.17 0.00	35.60 -0.24 0.00	33.41 -0.30 0.00	30.73 -0.20 0.00	30.57 -0.09 0.00	28.85 -0.17 0.00	31.28 -0.21 0.00	38.12 -0.25 0.00	36.01 -0.20 0.00	30.19 0.03 0.00	29.46 -0.06 0.00	27.39 -0.04 0.00	26.10 0.00 0.00	22.86 -0.14 0.00	22.25 -0.28 0.00	29.92 -0.32 0.00	39.01 -0.34 0.00	38.78 0.10 0.00	38.76 0.50 0.00	39.94 0.34 0.00	36.38 -0.04 0.00	32.92 -0.02 0.00	37.84 -0.19 0.00	35.88 -0.29 0.00
BARRETT_IC_1 23704	33.86 1.72 0.00	37.72 1.88 0.00	35.39 1.68 0.00	32.37 1.44 0.00	32.16 1.49 0.00	30.57 1.55 0.00	33.19 1.70 0.00	40.50 2.14 0.00	38.21 2.00 0.00	31.61 1.45 0.00	31.21 1.70 0.00	29.23 1.81 0.00	27.73 1.63 0.00	24.40 1.40 0.00	23.66 1.12 0.00	31.70 1.46 0.00	41.40 2.04 0.00	41.13 2.45 0.00	40.90 2.64 0.00	42.28 2.68 0.00	38.77 2.35 0.00	35.09 2.15 0.00	40.18 2.16 0.00	37.97 1.80 0.00
BARRETT_IC_10 23701	33.86 1.72 0.00	37.72 1.88 0.00	35.39 1.68 0.00	32.37 1.44 0.00	32.16 1.49 0.00	30.57 1.55 0.00	33.19 1.70 0.00	40.50 2.14 0.00	38.21 2.00 0.00	31.61 1.45 0.00	31.21 1.70 0.00	29.23 1.81 0.00	27.73 1.63 0.00	24.40 1.40 0.00	23.66 1.12 0.00	31.70 1.46 0.00	41.40 2.04 0.00	41.13 2.45 0.00	40.90 2.64 0.00	42.28 2.68 0.00	38.77 2.35 0.00	35.09 2.15 0.00	40.18 2.16 0.00	37.97 1.80 0.00
BARRETT_IC_11 23702	33.86 1.72 0.00	37.72 1.88 0.00	35.39 1.68 0.00	32.37 1.44 0.00	32.16 1.49 0.00	30.57 1.55 0.00	33.19 1.70 0.00	40.50 2.14 0.00	38.21 2.00 0.00	31.61 1.45 0.00	31.21 1.70 0.00	29.23 1.81 0.00	27.73 1.63 0.00	24.40 1.40 0.00	23.66 1.12 0.00	31.70 1.46 0.00	41.40 2.04 0.00	41.13 2.45 0.00	40.90 2.64 0.00	42.28 2.68 0.00	38.77 2.35 0.00	35.09 2.15 0.00	40.18 2.16 0.00	37.97 1.80 0.00
BARRETT_IC_12 23703	33.86 1.72 0.00	37.72 1.88 0.00	35.39 1.68 0.00	32.37 1.44 0.00	32.16 1.49 0.00	30.57 1.55 0.00	33.19 1.70 0.00	40.50 2.14 0.00	38.21 2.00 0.00	31.61 1.45 0.00	31.21 1.70 0.00	29.23 1.81 0.00	27.73 1.63 0.00	24.40 1.40 0.00	23.66 1.12 0.00	31.70 1.46 0.00	41.40 2.04 0.00	41.13 2.45 0.00	40.90 2.64 0.00	42.28 2.68 0.00	38.77 2.35 0.00	35.09 2.15 0.00	40.18 2.16 0.00	37.97 1.80 0.00
BARRETT_IC_2 23705	33.86 1.72 0.00	37.72 1.88 0.00	35.39 1.68 0.00	32.37 1.44 0.00	32.16 1.49 0.00	30.57 1.55 0.00	33.19 1.70 0.00	40.50 2.14 0.00	38.21 2.00 0.00	31.61 1.45 0.00	31.21 1.70 0.00	29.23 1.81 0.00	27.73 1.63 0.00	24.40 1.40 0.00	23.66 1.12 0.00	31.70 1.46 0.00	41.40 2.04 0.00	41.13 2.45 0.00	40.90 2.64 0.00	42.28 2.68 0.00	38.77 2.35 0.00	35.09 2.15 0.00	40.18 2.16 0.00	37.97 1.80 0.00
BARRETT_IC_3 23706	33.86 1.72 0.00	37.72 1.88 0.00	35.39 1.68 0.00	32.37 1.44 0.00	32.16 1.49 0.00	30.57 1.55 0.00	33.19 1.70 0.00	40.50 2.14 0.00	38.21 2.00 0.00	31.61 1.45 0.00	31.21 1.70 0.00	29.23 1.81 0.00	27.73 1.63 0.00	24.40 1.40 0.00	23.66 1.12 0.00	31.70 1.46 0.00	41.40 2.04 0.00	41.13 2.45 0.00	40.90 2.64 0.00	42.28 2.68 0.00	38.77 2.35 0.00	35.09 2.15 0.00	40.18 2.16 0.00	37.97 1.80 0.00
BARRETT_IC_4 23707	33.86 1.72 0.00	37.72 1.88 0.00	35.39 1.68 0.00	32.37 1.44 0.00	32.16 1.49 0.00	30.57 1.55 0.00	33.19 1.70 0.00	40.50 2.14 0.00	38.21 2.00 0.00	31.61 1.45 0.00	31.21 1.70 0.00	29.23 1.81 0.00	27.73 1.63 0.00	24.40 1.40 0.00	23.66 1.12 0.00	31.70 1.46 0.00	41.40 2.04 0.00	41.13 2.45 0.00	40.90 2.64 0.00	42.28 2.68 0.00	38.77 2.35 0.00	35.09 2.15 0.00	40.18 2.16 0.00	37.97 1.80 0.00

BARRETT_IC_5 23708	33.86 1.72 0.00	37.72 1.88 0.00	35.39 1.68 0.00	32.37 1.44 0.00	32.16 1.49 0.00	30.57 1.55 0.00	33.19 1.70 0.00	40.50 2.14 0.00	38.21 2.00 0.00	31.61 1.45 0.00	31.21 1.70 0.00	29.23 1.81 0.00	27.73 1.63 0.00	24.40 1.40 0.00	23.66 1.12 0.00	31.70 1.46 0.00	41.40 2.04 0.00	41.13 2.45 0.00	40.90 2.64 0.00	42.28 2.68 0.00	38.77 2.35 0.00	35.09 2.15 0.00	40.18 2.16 0.00	37.97 1.80 0.00
BARRETT_IC_6 23709	33.86 1.72 0.00	37.72 1.88 0.00	35.39 1.68 0.00	32.37 1.44 0.00	32.16 1.49 0.00	30.57 1.55 0.00	33.19 1.70 0.00	40.50 2.14 0.00	38.21 2.00 0.00	31.61 1.45 0.00	31.21 1.70 0.00	29.23 1.81 0.00	27.73 1.63 0.00	24.40 1.40 0.00	23.66 1.12 0.00	31.70 1.46 0.00	41.40 2.04 0.00	41.13 2.45 0.00	40.90 2.64 0.00	42.28 2.68 0.00	38.77 2.35 0.00	35.09 2.15 0.00	40.18 2.16 0.00	37.97 1.80 0.00
BARRETT_IC_7 23710	33.86 1.72 0.00	37.71 1.87 0.00	35.39 1.68 0.00	32.37 1.44 0.00	32.16 1.49 0.00	30.56 1.55 0.00	33.19 1.70 0.00	40.51 2.14 0.00	38.21 2.00 0.00	31.61 1.45 0.00	31.22 1.70 0.00	29.24 1.81 0.00	27.73 1.63 0.00	24.39 1.40 0.00	23.66 1.13 0.00	31.70 1.46 0.00	41.40 2.04 0.00	41.13 2.45 0.00	40.91 2.64 0.00	42.29 2.68 0.00	38.77 2.35 0.00	35.09 2.15 0.00	40.19 2.17 0.00	37.97 1.80 0.00
BARRETT_IC_8 23711	33.86 1.72 0.00	37.72 1.88 0.00	35.39 1.68 0.00	32.37 1.44 0.00	32.16 1.49 0.00	30.57 1.55 0.00	33.19 1.70 0.00	40.50 2.14 0.00	38.21 2.00 0.00	31.61 1.45 0.00	31.21 1.70 0.00	29.23 1.81 0.00	27.73 1.63 0.00	24.40 1.40 0.00	23.66 1.12 0.00	31.70 1.46 0.00	41.40 2.04 0.00	41.13 2.45 0.00	40.90 2.64 0.00	42.28 2.68 0.00	38.77 2.35 0.00	35.09 2.15 0.00	40.18 2.16 0.00	37.97 1.80 0.00
BARRETT_IC_9 23700	33.86 1.72 0.00	37.72 1.88 0.00	35.39 1.68 0.00	32.37 1.44 0.00	32.16 1.49 0.00	30.57 1.55 0.00	33.19 1.70 0.00	40.50 2.14 0.00	38.21 2.00 0.00	31.61 1.45 0.00	31.21 1.70 0.00	29.23 1.81 0.00	27.73 1.63 0.00	24.40 1.40 0.00	23.66 1.12 0.00	31.70 1.46 0.00	41.40 2.04 0.00	41.13 2.45 0.00	40.90 2.64 0.00	42.28 2.68 0.00	38.77 2.35 0.00	35.09 2.15 0.00	40.18 2.16 0.00	37.97 1.80 0.00
BARRETT___1 23545	33.86 1.72 0.00	37.72 1.88 0.00	35.39 1.68 0.00	32.37 1.44 0.00	32.16 1.49 0.00	30.57 1.55 0.00	33.19 1.70 0.00	40.50 2.14 0.00	38.21 2.00 0.00	31.61 1.45 0.00	31.21 1.70 0.00	29.23 1.81 0.00	27.73 1.63 0.00	24.40 1.40 0.00	23.66 1.12 0.00	31.70 1.46 0.00	41.40 2.04 0.00	41.13 2.45 0.00	40.90 2.64 0.00	42.28 2.68 0.00	38.77 2.35 0.00	35.09 2.15 0.00	40.18 2.16 0.00	37.97 1.80 0.00
BARRETT___2 23546	33.86 1.72 0.00	37.72 1.88 0.00	35.39 1.68 0.00	32.37 1.44 0.00	32.16 1.49 0.00	30.57 1.55 0.00	33.19 1.70 0.00	40.50 2.14 0.00	38.21 2.00 0.00	31.61 1.45 0.00	31.21 1.70 0.00	29.23 1.81 0.00	27.73 1.63 0.00	24.40 1.40 0.00	23.66 1.12 0.00	31.70 1.46 0.00	41.40 2.04 0.00	41.13 2.45 0.00	40.90 2.64 0.00	42.28 2.68 0.00	38.77 2.35 0.00	35.09 2.15 0.00	40.18 2.16 0.00	37.97 1.80 0.00
BATAVIA___115KV_TB1 55881	30.86 -1.28 0.00	34.44 -1.40 0.00	32.35 -1.36 0.00	29.59 -1.34 0.00	29.30 -1.37 0.00	27.84 -1.18 0.00	30.06 -1.43 0.00	35.78 -2.59 0.00	33.53 -2.68 0.00	28.33 -1.83 0.00	27.55 -1.96 0.00	25.52 -1.90 0.00	24.40 -1.69 0.00	21.43 -1.57 0.00	20.85 -1.68 0.00	27.79 -2.44 0.00	36.02 -3.33 0.00	36.02 -2.67 0.00	36.15 -2.11 0.00	36.70 -2.90 0.00	33.30 -3.12 0.00	30.13 -2.81 0.00	35.33 -2.69 0.00	33.86 -2.31 0.00
BAYONEEC___CTG1 323682	33.42 1.28 0.00	37.19 1.35 0.00	34.99 1.27 0.00	32.05 1.12 0.00	31.82 1.15 0.00	30.22 1.21 0.00	32.98 1.49 0.00	40.16 1.80 0.00	37.93 1.72 0.00	31.57 1.42 0.00	30.97 1.45 0.00	28.93 1.50 0.00	27.50 1.40 0.00	24.19 1.19 0.00	23.60 1.07 0.00	31.63 1.40 0.00	41.05 1.70 0.00	40.80 2.12 0.00	40.63 2.37 0.00	41.85 2.24 0.00	38.40 1.98 0.00	34.76 1.82 0.00	39.84 1.81 0.00	37.63 1.46 0.00
BAYONEEC___CTG10 323750	33.42 1.28 0.00	37.19 1.35 0.00	34.99 1.27 0.00	32.05 1.12 0.00	31.82 1.15 0.00	30.22 1.21 0.00	32.98 1.49 0.00	40.16 1.80 0.00	37.93 1.72 0.00	31.57 1.42 0.00	30.97 1.45 0.00	28.93 1.50 0.00	27.50 1.40 0.00	24.19 1.19 0.00	23.60 1.07 0.00	31.63 1.40 0.00	41.05 1.70 0.00	40.80 2.12 0.00	40.63 2.37 0.00	41.85 2.24 0.00	38.40 1.98 0.00	34.76 1.82 0.00	39.84 1.81 0.00	37.63 1.46 0.00
BAYONEEC___CTG2 323683	33.42 1.28 0.00	37.19 1.35 0.00	34.99 1.27 0.00	32.05 1.12 0.00	31.82 1.15 0.00	30.22 1.21 0.00	32.98 1.49 0.00	40.16 1.80 0.00	37.93 1.72 0.00	31.57 1.42 0.00	30.97 1.45 0.00	28.93 1.50 0.00	27.50 1.40 0.00	24.19 1.19 0.00	23.60 1.07 0.00	31.63 1.40 0.00	41.05 1.70 0.00	40.80 2.12 0.00	40.63 2.37 0.00	41.85 2.24 0.00	38.40 1.98 0.00	34.76 1.82 0.00	39.84 1.81 0.00	37.63 1.46 0.00
BAYONEEC___CTG3 323684	33.42 1.28 0.00	37.19 1.35 0.00	34.99 1.27 0.00	32.05 1.12 0.00	31.82 1.15 0.00	30.22 1.21 0.00	32.98 1.49 0.00	40.16 1.80 0.00	37.93 1.72 0.00	31.57 1.42 0.00	30.97 1.45 0.00	28.93 1.50 0.00	27.50 1.40 0.00	24.19 1.19 0.00	23.60 1.07 0.00	31.63 1.40 0.00	41.05 1.70 0.00	40.80 2.12 0.00	40.63 2.37 0.00	41.85 2.24 0.00	38.40 1.98 0.00	34.76 1.82 0.00	39.84 1.81 0.00	37.63 1.46 0.00
BAYONEEC___CTG4 323685	33.42 1.28 0.00	37.19 1.35 0.00	34.99 1.27 0.00	32.05 1.12 0.00	31.82 1.15 0.00	30.22 1.21 0.00	32.98 1.49 0.00	40.16 1.80 0.00	37.93 1.72 0.00	31.57 1.42 0.00	30.97 1.45 0.00	28.93 1.50 0.00	27.50 1.40 0.00	24.19 1.19 0.00	23.60 1.07 0.00	31.63 1.40 0.00	41.05 1.70 0.00	40.80 2.12 0.00	40.63 2.37 0.00	41.85 2.24 0.00	38.40 1.98 0.00	34.76 1.82 0.00	39.84 1.81 0.00	37.63 1.46 0.00
BAYONEEC___CTG5 323686	33.42 1.28 0.00	37.19 1.35 0.00	34.99 1.27 0.00	32.05 1.12 0.00	31.82 1.15 0.00	30.22 1.21 0.00	32.98 1.49 0.00	40.16 1.80 0.00	37.93 1.72 0.00	31.57 1.42 0.00	30.97 1.45 0.00	28.93 1.50 0.00	27.50 1.40 0.00	24.19 1.19 0.00	23.60 1.07 0.00	31.63 1.40 0.00	41.05 1.70 0.00	40.80 2.12 0.00	40.63 2.37 0.00	41.85 2.24 0.00	38.40 1.98 0.00	34.76 1.82 0.00	39.84 1.81 0.00	37.63 1.46 0.00
BAYONEEC___CTG6 323687	33.42 1.28 0.00	37.19 1.35 0.00	34.99 1.27 0.00	32.05 1.12 0.00	31.82 1.15 0.00	30.22 1.21 0.00	32.98 1.49 0.00	40.16 1.80 0.00	37.93 1.72 0.00	31.57 1.42 0.00	30.97 1.45 0.00	28.93 1.50 0.00	27.50 1.40 0.00	24.19 1.19 0.00	23.60 1.07 0.00	31.63 1.40 0.00	41.05 1.70 0.00	40.80 2.12 0.00	40.63 2.37 0.00	41.85 2.24 0.00	38.40 1.98 0.00	34.76 1.82 0.00	39.84 1.81 0.00	37.63 1.46 0.00

BAYONEEC___CTG7 323688	33.42 1.28 0.00	37.19 1.35 0.00	34.99 1.27 0.00	32.05 1.12 0.00	31.82 1.15 0.00	30.22 1.21 0.00	32.98 1.49 0.00	40.16 1.80 0.00	37.93 1.72 0.00	31.57 1.42 0.00	30.97 1.45 0.00	28.93 1.50 0.00	27.50 1.40 0.00	24.19 1.19 0.00	23.60 1.07 0.00	31.63 1.40 0.00	41.05 1.70 0.00	40.80 2.12 0.00	40.63 2.37 0.00	41.85 2.24 0.00	38.40 1.98 0.00	34.76 1.82 0.00	39.84 1.81 0.00	37.63 1.46 0.00
BAYONEEC___CTG8 323689	33.42 1.28 0.00	37.19 1.35 0.00	34.99 1.27 0.00	32.05 1.12 0.00	31.82 1.15 0.00	30.22 1.21 0.00	32.98 1.49 0.00	40.16 1.80 0.00	37.93 1.72 0.00	31.57 1.42 0.00	30.97 1.45 0.00	28.93 1.50 0.00	27.50 1.40 0.00	24.19 1.19 0.00	23.60 1.07 0.00	31.63 1.40 0.00	41.05 1.70 0.00	40.80 2.12 0.00	40.63 2.37 0.00	41.85 2.24 0.00	38.40 1.98 0.00	34.76 1.82 0.00	39.84 1.81 0.00	37.63 1.46 0.00
BAYONEEC___CTG9 323749	33.42 1.28 0.00	37.19 1.35 0.00	34.99 1.27 0.00	32.05 1.12 0.00	31.82 1.15 0.00	30.22 1.21 0.00	32.98 1.49 0.00	40.16 1.80 0.00	37.93 1.72 0.00	31.57 1.42 0.00	30.97 1.45 0.00	28.93 1.50 0.00	27.50 1.40 0.00	24.19 1.19 0.00	23.60 1.07 0.00	31.63 1.40 0.00	41.05 1.70 0.00	40.80 2.12 0.00	40.63 2.37 0.00	41.85 2.24 0.00	38.40 1.98 0.00	34.76 1.82 0.00	39.84 1.81 0.00	37.63 1.46 0.00
BEACON___LESR 323632	32.89 0.75 0.00	36.69 0.84 0.00	34.44 0.73 0.00	31.62 0.68 0.00	31.34 0.67 0.00	29.68 0.67 0.00	32.26 0.77 0.00	39.43 1.07 0.00	37.01 0.79 0.00	30.73 0.57 0.00	30.09 0.58 0.00	27.98 0.55 0.00	26.56 0.47 0.00	23.39 0.39 0.00	22.97 0.43 0.00	30.92 0.68 0.00	40.41 1.05 0.00	40.02 1.34 0.00	39.75 1.49 0.00	40.88 1.28 0.00	37.41 0.99 0.00	33.85 0.91 0.00	38.88 0.85 0.00	36.85 0.68 0.00
BEAVER RIVER___HYD 24048	32.11 -0.03 0.00	35.78 -0.06 0.00	33.70 -0.01 0.00	31.00 0.07 0.00	30.73 0.06 0.00	29.00 -0.02 0.00	31.43 -0.05 0.00	38.45 0.09 0.00	36.41 0.20 0.00	30.26 0.10 0.00	29.37 -0.15 0.00	27.09 -0.33 0.00	25.75 -0.34 0.00	22.80 -0.20 0.00	22.36 -0.18 0.00	30.01 -0.23 0.00	39.47 0.11 0.00	39.11 0.43 0.00	38.69 0.43 0.00	40.01 0.41 0.00	36.75 0.32 0.00	33.17 0.23 0.00	38.35 0.33 0.00	36.49 0.31 0.00
BEEBEE_GT_13 23619	30.80 -1.34 0.00	34.38 -1.47 0.00	32.30 -1.41 0.00	29.59 -1.34 0.00	29.31 -1.36 0.00	27.80 -1.22 0.00	30.09 -1.39 0.00	36.15 -2.22 0.00	33.98 -2.24 0.00	28.58 -1.58 0.00	27.88 -1.63 0.00	25.90 -1.53 0.00	24.67 -1.43 0.00	21.75 -1.25 0.00	21.24 -1.29 0.00	28.33 -1.90 0.00	36.79 -2.56 0.00	36.57 -2.11 0.00	36.59 -1.67 0.00	37.37 -2.23 0.00	34.04 -2.39 0.00	30.78 -2.17 0.00	35.87 -2.16 0.00	34.27 -1.90 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.79 1.66 0.00	37.64 1.80 0.00	35.50 1.78 -0.01	32.54 1.60 -0.01	32.29 1.62 0.00	30.69 1.67 -0.01	33.40 1.91 0.00	40.65 2.28 0.00	38.40 2.19 0.00	31.97 1.82 0.00	31.36 1.84 0.00	29.31 1.88 0.00	27.86 1.76 0.00	24.51 1.51 0.00	23.91 1.38 0.00	32.04 1.80 0.00	41.54 2.19 0.00	41.29 2.61 0.00	41.14 2.88 0.00	42.39 2.78 0.00	38.91 2.48 0.00	35.22 2.27 -0.01	84.88 2.29 -44.56	38.11 1.93 0.00
BETHLEHEM___GRP 23843	32.27 0.13 0.00	36.01 0.17 0.00	33.89 0.17 0.00	31.09 0.15 0.00	30.84 0.17 0.00	29.19 0.18 0.00	31.67 0.18 0.00	38.66 0.29 0.00	36.37 0.16 0.00	30.19 0.04 0.00	29.60 0.08 0.00	27.55 0.12 0.00	26.18 0.08 0.00	23.05 0.06 0.00	22.60 0.06 0.00	30.36 0.13 0.00	39.62 0.26 0.00	39.24 0.56 0.00	38.92 0.66 0.00	40.03 0.43 0.00	36.69 0.26 0.00	33.20 0.25 0.00	38.15 0.12 0.00	36.19 0.02 0.00
BETHLEHEM___GS1 323560	32.27 0.13 0.00	36.02 0.17 0.00	33.89 0.17 0.00	31.09 0.15 0.00	30.84 0.17 0.00	29.19 0.18 0.00	31.67 0.18 0.00	38.66 0.29 0.00	36.37 0.16 0.00	30.19 0.04 0.00	29.59 0.08 0.00	27.55 0.12 0.00	26.18 0.08 0.00	23.05 0.06 0.00	22.60 0.06 0.00	30.36 0.12 0.00	39.62 0.27 0.00	39.24 0.56 0.00	38.92 0.66 0.00	40.03 0.43 0.00	36.69 0.27 0.00	33.20 0.25 0.00	38.15 0.12 0.00	36.19 0.02 0.00
BETHLEHEM___GS2 323561	32.27 0.13 0.00	36.02 0.17 0.00	33.89 0.17 0.00	31.09 0.15 0.00	30.84 0.17 0.00	29.19 0.18 0.00	31.67 0.18 0.00	38.66 0.29 0.00	36.37 0.16 0.00	30.19 0.04 0.00	29.59 0.08 0.00	27.55 0.12 0.00	26.18 0.08 0.00	23.05 0.06 0.00	22.60 0.06 0.00	30.36 0.12 0.00	39.62 0.27 0.00	39.24 0.56 0.00	38.92 0.66 0.00	40.03 0.43 0.00	36.69 0.27 0.00	33.20 0.25 0.00	38.15 0.12 0.00	36.19 0.02 0.00
BETHLEHEM___GS3 323562	32.27 0.13 0.00	36.02 0.17 0.00	33.89 0.17 0.00	31.09 0.15 0.00	30.84 0.17 0.00	29.19 0.18 0.00	31.67 0.18 0.00	38.66 0.29 0.00	36.37 0.16 0.00	30.19 0.04 0.00	29.59 0.08 0.00	27.55 0.12 0.00	26.18 0.08 0.00	23.05 0.06 0.00	22.60 0.06 0.00	30.36 0.12 0.00	39.62 0.27 0.00	39.24 0.56 0.00	38.92 0.66 0.00	40.03 0.43 0.00	36.69 0.27 0.00	33.20 0.25 0.00	38.15 0.12 0.00	36.19 0.02 0.00
BETHLEHEM___STEEL 23779	30.63 -1.51 0.00	34.18 -1.66 0.00	32.13 -1.58 0.00	29.39 -1.54 0.00	29.11 -1.56 0.00	27.61 -1.41 0.00	29.76 -1.73 0.00	35.37 -2.99 0.00	33.00 -3.21 0.00	27.90 -2.26 0.00	27.17 -2.34 0.00	25.29 -2.14 0.00	24.24 -1.86 0.00	21.40 -1.60 0.00	20.85 -1.68 0.00	27.73 -2.51 0.00	35.65 -3.71 0.00	35.41 -3.28 0.00	35.48 -2.79 0.00	36.00 -3.61 0.00	32.64 -3.78 0.00	29.56 -3.38 0.00	34.71 -3.32 0.00	33.28 -2.89 0.00
BETHLHEM_115KV_TB1 79974	32.36 0.22 0.00	36.11 0.27 0.00	33.98 0.26 0.00	31.17 0.24 0.00	30.92 0.25 0.00	29.27 0.26 0.00	31.76 0.27 0.00	38.76 0.40 0.00	36.48 0.27 0.00	30.28 0.13 0.00	29.69 0.17 0.00	27.62 0.19 0.00	26.25 0.16 0.00	23.11 0.11 0.00	22.65 0.11 0.00	30.44 0.21 0.00	39.72 0.37 0.00	39.33 0.65 0.00	39.02 0.75 0.00	40.14 0.53 0.00	36.78 0.36 0.00	33.30 0.35 0.00	38.27 0.24 0.00	36.30 0.13 0.00
BETHPAGE_CC_5 323564	34.09 1.95 0.00	37.93 2.09 0.00	35.60 1.89 0.00	32.53 1.60 0.00	32.33 1.66 0.00	30.74 1.73 0.00	33.47 1.98 0.00	40.91 2.54 0.00	38.57 2.36 0.00	31.87 1.71 0.00	31.38 1.86 0.00	29.35 1.92 0.00	27.81 1.71 0.00	24.50 1.50 0.00	23.81 1.27 0.00	31.93 1.70 0.00	41.83 2.47 0.00	41.55 2.86 0.00	41.32 3.06 0.00	42.68 3.07 0.00	39.12 2.69 0.00	35.40 2.46 0.00	40.56 2.54 0.00	38.31 2.14 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	30.82 -1.32 0.00	34.40 -1.45 0.00	32.32 -1.39 0.00	29.57 -1.36 0.00	29.29 -1.38 0.00	27.78 -1.24 0.00	29.95 -1.54 0.00	35.62 -2.75 0.00	33.22 -2.99 0.00	28.08 -2.07 0.00	27.35 -2.17 0.00	25.46 -1.97 0.00	24.39 -1.71 0.00	21.53 -1.47 0.00	20.99 -1.55 0.00	27.91 -2.32 0.00	35.90 -3.45 0.00	35.63 -3.05 0.00	35.67 -2.60 0.00	36.21 -3.40 0.00	32.83 -3.59 0.00	29.73 -3.21 0.00	34.89 -3.14 0.00	33.45 -2.72 0.00

BINGHAMTON___COGEN 23790	31.97 -0.16 0.00	35.59 -0.25 0.00	33.50 -0.21 0.00	30.75 -0.19 0.00	30.53 -0.14 0.00	28.86 -0.15 0.00	31.32 -0.17 0.00	38.13 -0.24 0.00	35.95 -0.26 0.00	30.03 -0.13 0.00	29.35 -0.16 0.00	27.31 -0.12 0.00	26.01 -0.09 0.00	22.86 -0.14 0.00	22.33 -0.21 0.00	29.99 -0.24 0.00	39.05 -0.31 0.00	38.63 -0.05 0.00	38.46 0.19 0.00	39.65 0.05 0.00	36.26 -0.16 0.00	32.78 -0.16 0.00	37.79 -0.23 0.00	35.85 -0.32 0.00
BIXINCNT_115KV_LOAD 355685	31.62 -0.52 0.00	35.31 -0.53 0.00	33.18 -0.53 0.00	30.40 -0.54 0.00	30.09 -0.57 0.00	28.48 -0.53 0.00	30.71 -0.78 0.00	36.73 -1.64 0.00	34.32 -1.89 0.00	28.92 -1.24 0.00	28.16 -1.35 0.00	26.36 -1.07 0.00	25.22 -0.88 0.00	22.21 -0.79 0.00	21.62 -0.91 0.00	28.77 -1.47 0.00	37.03 -2.33 0.00	36.65 -2.03 0.00	36.65 -1.61 0.00	37.30 -2.30 0.00	33.87 -2.56 0.00	30.73 -2.21 0.00	36.00 -2.03 0.00	34.33 -1.84 0.00
BLACK RIVER___HYD 24047	31.96 -0.18 0.00	35.56 -0.28 0.00	33.50 -0.21 0.00	30.85 -0.08 0.00	30.59 -0.07 0.00	28.89 -0.12 0.00	31.37 -0.12 0.00	38.36 0.00 0.00	36.31 0.10 0.00	30.10 -0.06 0.00	29.10 -0.42 0.00	26.81 -0.62 0.00	25.48 -0.61 0.00	22.64 -0.35 0.00	22.14 -0.40 0.00	29.67 -0.57 0.00	39.31 -0.05 0.00	39.16 0.49 0.00	38.84 0.58 0.00	40.11 0.50 0.00	36.78 0.36 0.00	33.19 0.25 0.00	38.34 0.32 0.00	36.43 0.26 0.00
BLACKRVR_115KV_TB2 79977	31.96 -0.18 0.00	35.56 -0.28 0.00	33.50 -0.22 0.00	30.85 -0.08 0.00	30.59 -0.07 0.00	28.89 -0.12 0.00	31.37 -0.12 0.00	38.36 0.00 0.00	36.31 0.10 0.00	30.10 -0.06 0.00	29.10 -0.42 0.00	26.81 -0.62 0.00	25.48 -0.61 0.00	22.64 -0.36 0.00	22.14 -0.40 0.00	29.67 -0.57 0.00	39.31 -0.05 0.00	39.16 0.49 0.00	38.84 0.58 0.00	40.11 0.51 0.00	36.78 0.36 0.00	33.19 0.25 0.00	38.34 0.32 0.00	36.43 0.26 0.00
BLISS_WT_PWR 323608	31.64 -0.50 0.00	35.34 -0.50 0.00	33.22 -0.49 0.00	30.44 -0.50 0.00	30.13 -0.54 0.00	28.51 -0.51 0.00	30.75 -0.74 0.00	36.79 -1.58 0.00	34.38 -1.83 0.00	28.96 -1.20 0.00	28.21 -1.30 0.00	26.42 -1.01 0.00	25.26 -0.83 0.00	22.24 -0.75 0.00	21.66 -0.87 0.00	28.82 -1.41 0.00	37.07 -2.28 0.00	36.71 -1.97 0.00	36.71 -1.55 0.00	37.37 -2.24 0.00	33.93 -2.49 0.00	30.79 -2.15 0.00	36.06 -1.97 0.00	34.39 -1.78 0.00
BLUESTONE___WT_PWR 323821	32.75 0.61 0.00	36.59 0.75 0.00	34.72 1.01 0.00	31.45 0.51 0.00	31.23 0.56 0.00	29.67 0.66 0.00	32.51 1.03 0.00	39.68 1.32 0.00	37.69 1.48 0.00	31.48 1.33 0.00	30.89 1.37 0.00	28.62 1.19 0.00	27.12 1.02 0.00	23.76 0.77 0.00	23.27 0.74 0.00	31.53 1.29 0.00	41.26 1.91 0.00	40.75 2.07 0.00	40.18 1.92 0.00	41.53 1.93 0.00	38.11 1.69 0.00	34.54 1.60 0.00	39.78 1.75 0.00	37.54 1.37 0.00
BLUE_CIRC_CHEM_DRP 24182	32.78 0.64 0.00	36.55 0.71 0.00	34.44 0.72 0.00	31.61 0.68 0.00	31.32 0.66 0.00	29.63 0.62 0.00	32.14 0.65 0.00	39.21 0.84 0.00	36.79 0.58 0.00	30.49 0.33 0.00	29.89 0.38 0.00	27.78 0.35 0.00	26.39 0.29 0.00	23.21 0.21 0.00	22.74 0.21 0.00	30.66 0.43 0.00	40.18 0.83 0.00	39.79 1.11 0.00	39.45 1.19 0.00	40.61 1.00 0.00	37.22 0.79 0.00	33.67 0.73 0.00	38.73 0.71 0.00	36.77 0.60 0.00
BOC_GAS_DRP 24189	32.58 0.45 0.00	36.36 0.51 0.00	34.20 0.48 0.00	31.38 0.45 0.00	31.14 0.47 0.00	29.46 0.45 0.00	31.98 0.49 0.00	39.01 0.65 0.00	36.74 0.53 0.00	30.52 0.36 0.00	29.92 0.40 0.00	27.84 0.41 0.00	26.44 0.34 0.00	23.27 0.27 0.00	22.79 0.25 0.00	30.64 0.41 0.00	39.96 0.60 0.00	39.53 0.85 0.00	39.22 0.96 0.00	40.39 0.79 0.00	37.04 0.62 0.00	33.52 0.58 0.00	38.55 0.52 0.00	36.57 0.40 0.00
BOONVILLE_115KV_TB1 79983	32.63 0.50 0.00	36.36 0.52 0.00	34.22 0.50 0.00	31.43 0.50 0.00	31.17 0.51 0.00	29.49 0.47 0.00	32.04 0.55 0.00	39.13 0.76 0.00	36.98 0.77 0.00	30.77 0.61 0.00	29.98 0.46 0.00	27.73 0.30 0.00	26.35 0.25 0.00	23.21 0.21 0.00	22.76 0.23 0.00	30.61 0.37 0.00	40.06 0.71 0.00	39.69 1.01 0.00	39.33 1.06 0.00	40.61 1.01 0.00	37.25 0.83 0.00	33.66 0.71 0.00	38.82 0.79 0.00	36.87 0.70 0.00
BORALEX_4TH_BRANCH 23824	33.60 1.46 0.00	37.72 1.87 0.00	35.53 1.82 0.00	32.58 1.64 0.00	32.28 1.62 0.00	30.60 1.59 0.00	33.00 1.51 0.00	40.35 1.98 0.00	37.84 1.63 0.00	31.34 1.18 0.00	30.74 1.22 0.00	28.50 1.07 0.00	26.95 0.86 0.00	23.64 0.65 0.00	23.22 0.69 0.00	31.53 1.29 0.00	41.29 1.93 0.00	40.92 2.24 0.00	40.63 2.37 0.00	41.63 2.03 0.00	38.04 1.62 0.00	34.47 1.53 0.00	39.59 1.56 0.00	37.55 1.38 0.00
BOWLINE___1 23526	33.27 1.13 0.00	37.06 1.22 0.00	34.80 1.09 0.00	31.88 0.95 0.00	31.64 0.97 0.00	30.03 1.02 0.00	32.73 1.24 0.00	39.94 1.58 0.00	37.69 1.48 0.00	31.30 1.14 0.00	30.68 1.17 0.00	28.65 1.22 0.00	27.20 1.10 0.00	23.93 0.93 0.00	23.36 0.83 0.00	31.34 1.11 0.00	40.75 1.40 0.00	40.50 1.82 0.00	40.32 2.06 0.00	41.53 1.93 0.00	38.08 1.65 0.00	34.46 1.52 0.00	39.54 1.52 0.00	37.38 1.21 0.00
BOWLINE___2 23595	33.27 1.13 0.00	37.06 1.22 0.00	34.80 1.09 0.00	31.88 0.95 0.00	31.64 0.97 0.00	30.03 1.02 0.00	32.73 1.24 0.00	39.94 1.58 0.00	37.69 1.48 0.00	31.30 1.14 0.00	30.68 1.17 0.00	28.65 1.22 0.00	27.20 1.10 0.00	23.93 0.93 0.00	23.36 0.83 0.00	31.34 1.11 0.00	40.75 1.40 0.00	40.50 1.82 0.00	40.32 2.06 0.00	41.53 1.93 0.00	38.08 1.65 0.00	34.46 1.52 0.00	39.54 1.52 0.00	37.38 1.21 0.00
BRADY___115KV_TB2 356060	33.04 0.90 0.00	36.99 1.15 0.00	34.81 1.10 0.00	31.92 0.99 0.00	31.58 0.92 0.00	29.67 0.66 0.00	32.06 0.57 0.00	39.18 0.81 0.00	37.13 0.92 0.00	30.88 0.72 0.00	30.14 0.62 0.00	27.93 0.50 0.00	26.69 0.60 0.00	23.70 0.70 0.00	23.27 0.73 0.00	31.18 0.94 0.00	40.56 1.21 0.00	39.37 0.69 0.00	38.56 0.30 0.00	40.19 0.59 0.00	37.17 0.75 0.00	33.58 0.64 0.00	38.98 0.95 0.00	37.24 1.07 0.00
BRANSCOMB___SOLAR 323811	33.39 1.25 0.00	37.25 1.41 0.00	35.05 1.34 0.00	32.15 1.22 0.00	31.83 1.16 0.00	30.17 1.16 0.00	32.81 1.32 0.00	40.16 1.79 0.00	37.71 1.50 0.00	31.17 1.01 0.00	30.46 0.95 0.00	28.21 0.78 0.00	26.71 0.62 0.00	23.48 0.48 0.00	23.10 0.56 0.00	31.40 1.17 0.00	41.17 1.81 0.00	40.76 2.08 0.00	40.43 2.17 0.00	41.59 1.99 0.00	38.00 1.58 0.00	34.41 1.47 0.00	39.47 1.45 0.00	37.42 1.25 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	34.48 2.35 0.00	38.36 2.52 0.00	36.00 2.29 0.00	32.89 1.96 0.00	32.69 2.02 0.00	31.10 2.09 0.00	33.81 2.33 0.00	41.38 3.02 0.00	39.01 2.80 0.00	32.16 2.00 0.00	31.67 2.16 0.00	29.62 2.19 0.00	28.04 1.95 0.00	24.73 1.73 0.00	24.00 1.47 0.00	32.21 1.97 0.00	42.30 2.95 0.00	41.97 3.29 0.00	41.64 3.38 0.00	43.11 3.51 0.00	39.59 3.17 0.00	35.83 2.89 0.00	41.02 3.00 0.00	38.74 2.58 0.00

BRISTLHL_115KV_TB1 79998	31.08 -1.06 0.00	34.64 -1.20 0.00	32.58 -1.14 0.00	29.88 -1.05 0.00	29.66 -1.01 0.00	28.07 -0.94 0.00	30.47 -1.02 0.00	37.07 -1.29 0.00	34.95 -1.26 0.00	29.16 -1.00 0.00	28.51 -1.01 0.00	26.49 -0.94 0.00	25.18 -0.92 0.00	22.18 -0.82 0.00	21.73 -0.80 0.00	29.10 -1.14 0.00	37.99 -1.37 0.00	37.56 -1.12 0.00	37.31 -0.96 0.00	38.45 -1.15 0.00	35.21 -1.21 0.00	31.83 -1.11 0.00	36.80 -1.23 0.00	35.05 -1.12 0.00
BROOKHAVEN___DRP 24191	34.36 2.22 0.00	38.29 2.44 0.00	35.94 2.22 0.00	32.78 1.85 0.00	32.57 1.90 0.00	31.06 2.05 0.00	33.74 2.26 0.00	41.31 2.94 0.00	38.91 2.69 0.00	31.99 1.83 0.00	31.51 2.00 0.00	29.46 2.03 0.00	27.87 1.78 0.00	24.62 1.62 0.00	23.87 1.33 0.00	32.09 1.85 0.00	42.18 2.82 0.00	41.78 3.11 0.00	41.47 3.21 0.00	43.11 3.50 0.00	39.47 3.05 0.00	35.72 2.77 0.00	40.94 2.91 0.00	38.63 2.46 0.00
BROOKLYN_NAVY_YARD 23515	33.46 1.32 0.00	37.22 1.38 0.00	35.01 1.29 0.00	32.06 1.13 0.00	31.83 1.16 0.00	30.24 1.23 0.00	32.99 1.50 0.00	40.17 1.80 0.00	37.97 1.76 0.00	31.61 1.46 0.00	31.00 1.49 0.00	28.97 1.54 0.00	27.54 1.45 0.00	24.22 1.22 0.00	23.63 1.10 0.00	31.68 1.45 0.00	41.10 1.75 0.00	40.86 2.18 0.00	40.70 2.44 0.00	41.90 2.30 0.00	38.44 2.02 0.00	34.80 1.86 0.00	39.88 1.85 0.00	37.67 1.50 0.00
BROOKLYN___ARMY_DRP 323595	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.40 1.46 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.68 0.00	29.16 1.74 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.63 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.91 2.64 0.00	42.13 2.53 0.00	38.69 2.26 0.00	35.03 2.07 -0.01	84.66 2.07 -44.56	37.91 1.73 0.00
BROOKVLE_69_KV_TB1 55790	34.15 2.01 0.00	38.02 2.18 0.00	35.67 1.96 0.00	32.61 1.68 0.00	32.40 1.74 0.00	30.81 1.80 0.00	33.56 2.07 0.00	41.00 2.63 0.00	38.67 2.46 0.00	32.00 1.84 0.00	31.49 1.97 0.00	29.48 2.05 0.00	27.95 1.85 0.00	24.62 1.62 0.00	23.92 1.39 0.00	32.09 1.85 0.00	41.96 2.60 0.00	41.53 2.85 0.00	41.33 3.07 0.00	42.66 3.05 0.00	39.12 2.70 0.00	35.46 2.52 0.00	40.69 2.67 0.00	38.46 2.29 0.00
BROOME_2_LFGE 323671	31.97 -0.16 0.00	35.59 -0.25 0.00	33.50 -0.21 0.00	30.75 -0.19 0.00	30.53 -0.14 0.00	28.86 -0.15 0.00	31.32 -0.17 0.00	38.13 -0.23 0.00	35.95 -0.25 0.00	30.02 -0.13 0.00	29.35 -0.17 0.00	27.31 -0.12 0.00	26.01 -0.09 0.00	22.86 -0.14 0.00	22.33 -0.21 0.00	29.99 -0.24 0.00	39.05 -0.31 0.00	38.63 -0.05 0.00	38.46 0.19 0.00	39.65 0.04 0.00	36.27 -0.16 0.00	32.78 -0.16 0.00	37.79 -0.23 0.00	35.86 -0.31 0.00
BROOME___LFGE 323600	31.97 -0.16 0.00	35.59 -0.25 0.00	33.50 -0.21 0.00	30.75 -0.19 0.00	30.53 -0.14 0.00	28.86 -0.15 0.00	31.32 -0.17 0.00	38.13 -0.23 0.00	35.95 -0.25 0.00	30.02 -0.13 0.00	29.35 -0.17 0.00	27.31 -0.12 0.00	26.01 -0.09 0.00	22.86 -0.14 0.00	22.33 -0.21 0.00	29.99 -0.24 0.00	39.05 -0.31 0.00	38.63 -0.05 0.00	38.46 0.19 0.00	39.65 0.04 0.00	36.27 -0.16 0.00	32.78 -0.16 0.00	37.79 -0.23 0.00	35.86 -0.31 0.00
BROWNFLS_115KV_TB 3_5 80003	32.08 -0.06 0.00	35.83 -0.02 0.00	33.74 0.03 0.00	30.99 0.06 0.00	30.69 0.02 0.00	28.85 -0.16 0.00	31.19 -0.30 0.00	38.15 -0.22 0.00	36.16 -0.05 0.00	30.08 -0.08 0.00	29.27 -0.24 0.00	27.05 -0.38 0.00	25.77 -0.32 0.00	22.86 -0.14 0.00	22.43 -0.10 0.00	30.06 -0.18 0.00	39.33 -0.03 0.00	38.62 -0.06 0.00	38.03 -0.23 0.00	39.47 -0.14 0.00	36.36 -0.06 0.00	32.84 -0.10 0.00	38.09 0.06 0.00	36.36 0.18 0.00
BROWNSV1_27_KV_LOAD 356125	33.76 1.63 0.00	37.56 1.72 0.00	35.34 1.63 0.00	32.36 1.44 0.00	32.12 1.46 0.00	30.53 1.52 0.00	33.31 1.82 0.00	40.57 2.20 0.00	38.33 2.12 0.00	31.90 1.75 0.00	31.30 1.78 0.00	29.25 1.82 0.00	27.80 1.70 0.00	24.45 1.46 0.00	23.86 1.33 0.00	31.97 1.74 0.00	41.51 2.16 0.00	41.28 2.60 0.00	41.12 2.86 0.00	42.34 2.73 0.00	38.83 2.41 0.00	35.15 2.21 0.00	40.28 2.25 0.00	38.03 1.86 0.00
BURROWS___LYONSDAL 23803	32.53 0.39 0.00	36.24 0.40 0.00	34.12 0.41 0.00	31.35 0.42 0.00	31.09 0.42 0.00	29.40 0.39 0.00	31.92 0.43 0.00	39.01 0.64 0.00	36.88 0.66 0.00	30.68 0.52 0.00	29.87 0.35 0.00	27.61 0.18 0.00	26.23 0.14 0.00	23.12 0.13 0.00	22.68 0.14 0.00	30.49 0.25 0.00	39.96 0.60 0.00	39.60 0.92 0.00	39.23 0.97 0.00	40.52 0.92 0.00	37.17 0.75 0.00	33.57 0.63 0.00	38.74 0.71 0.00	36.80 0.63 0.00
CAITHNESS_CC_1 323624	34.30 2.16 0.00	38.21 2.36 0.00	35.85 2.14 0.00	32.72 1.79 0.00	32.50 1.84 0.00	30.99 1.98 0.00	33.66 2.17 0.00	41.20 2.84 0.00	38.81 2.60 0.00	31.94 1.78 0.00	31.47 1.95 0.00	29.41 1.98 0.00	27.84 1.74 0.00	24.58 1.58 0.00	23.83 1.30 0.00	32.01 1.78 0.00	42.08 2.72 0.00	41.71 3.03 0.00	41.40 3.14 0.00	42.99 3.39 0.00	39.37 2.95 0.00	35.63 2.68 0.00	40.84 2.81 0.00	38.55 2.38 0.00
CALPINE BETH_PAGE_GT4 24209	34.01 1.87 0.00	37.85 2.01 0.00	35.52 1.80 0.00	32.46 1.53 0.00	32.26 1.59 0.00	30.67 1.66 0.00	33.38 1.89 0.00	40.81 2.44 0.00	38.49 2.28 0.00	31.80 1.65 0.00	31.30 1.79 0.00	29.29 1.86 0.00	27.75 1.66 0.00	24.44 1.44 0.00	23.76 1.22 0.00	31.86 1.63 0.00	41.72 2.37 0.00	41.45 2.78 0.00	41.23 2.96 0.00	42.57 2.97 0.00	39.03 2.61 0.00	35.32 2.38 0.00	40.46 2.43 0.00	38.22 2.05 0.00
CALPINE_BETH_PAGE_GT_4 323586	34.01 1.87 0.00	37.85 2.01 0.00	35.51 1.80 0.00	32.46 1.53 0.00	32.26 1.59 0.00	30.67 1.66 0.00	33.38 1.89 0.00	40.81 2.44 0.00	38.49 2.28 0.00	31.81 1.65 0.00	31.30 1.79 0.00	29.29 1.86 0.00	27.76 1.66 0.00	24.45 1.45 0.00	23.76 1.22 0.00	31.86 1.63 0.00	41.73 2.37 0.00	41.45 2.78 0.00	41.23 2.97 0.00	42.57 2.97 0.00	39.03 2.61 0.00	35.32 2.38 0.00	40.45 2.43 0.00	38.22 2.05 0.00
CALPINE_BP_GT1 23823	34.01 1.87 0.00	37.85 2.01 0.00	35.51 1.80 0.00	32.46 1.53 0.00	32.26 1.59 0.00	30.67 1.66 0.00	33.38 1.89 0.00	40.81 2.44 0.00	38.49 2.28 0.00	31.81 1.65 0.00	31.30 1.79 0.00	29.29 1.86 0.00	27.76 1.66 0.00	24.45 1.45 0.00	23.76 1.22 0.00	31.86 1.63 0.00	41.73 2.37 0.00	41.45 2.78 0.00	41.23 2.97 0.00	42.57 2.97 0.00	39.03 2.61 0.00	35.32 2.38 0.00	40.45 2.43 0.00	38.22 2.05 0.00
CALSPAN___DRP 24200	30.63 -1.51 0.00	34.18 -1.66 0.00	32.13 -1.58 0.00	29.39 -1.54 0.00	29.11 -1.56 0.00	27.61 -1.41 0.00	29.76 -1.73 0.00	35.37 -2.99 0.00	33.00 -3.21 0.00	27.90 -2.26 0.00	27.17 -2.34 0.00	25.29 -2.14 0.00	24.24 -1.86 0.00	21.40 -1.60 0.00	20.85 -1.68 0.00	27.73 -2.51 0.00	35.65 -3.71 0.00	35.41 -3.28 0.00	35.48 -2.79 0.00	36.00 -3.61 0.00	32.64 -3.78 0.00	29.56 -3.38 0.00	34.71 -3.32 0.00	33.28 -2.89 0.00

CALVERTON___SOLAR 323806	34.44 2.31 0.00	38.39 2.55 0.00	36.03 2.32 0.00	32.86 1.93 0.00	32.64 1.97 0.00	31.15 2.14 0.00	33.85 2.36 0.00	41.44 3.08 0.00	39.02 2.81 0.00	32.06 1.90 0.00	31.57 2.06 0.00	29.50 2.08 0.00	27.92 1.82 0.00	24.65 1.66 0.00	23.92 1.38 0.00	32.16 1.92 0.00	42.32 2.96 0.00	41.89 3.21 0.00	41.56 3.30 0.00	43.24 3.63 0.00	39.58 3.16 0.00	35.82 2.87 0.00	41.05 3.02 0.00	38.73 2.56 0.00
CANDIGU_WT_PWR 323617	31.97 -0.17 0.00	35.60 -0.24 0.00	33.41 -0.30 0.00	30.73 -0.20 0.00	30.57 -0.09 0.00	28.85 -0.17 0.00	31.28 -0.21 0.00	38.12 -0.25 0.00	36.01 -0.20 0.00	30.19 0.03 0.00	29.46 -0.06 0.00	27.39 -0.04 0.00	26.10 0.00 0.00	22.86 -0.14 0.00	22.25 -0.28 0.00	29.92 -0.32 0.00	39.01 -0.34 0.00	38.78 0.10 0.00	38.76 0.50 0.00	39.94 0.34 0.00	36.38 -0.04 0.00	32.92 -0.02 0.00	37.84 -0.19 0.00	35.88 -0.29 0.00
CARR STREET_E_SYR 24060	31.30 -0.84 0.00	34.89 -0.96 0.00	32.80 -0.91 0.00	30.11 -0.82 0.00	29.87 -0.80 0.00	28.27 -0.74 0.00	30.67 -0.81 0.00	37.18 -1.19 0.00	35.06 -1.15 0.00	29.26 -0.90 0.00	28.61 -0.90 0.00	26.59 -0.84 0.00	25.28 -0.82 0.00	22.27 -0.73 0.00	21.81 -0.73 0.00	29.22 -1.01 0.00	38.08 -1.28 0.00	37.67 -1.01 0.00	37.42 -0.84 0.00	38.57 -1.03 0.00	35.33 -1.10 0.00	31.94 -1.00 0.00	36.91 -1.12 0.00	35.15 -1.02 0.00
CARTHAGE___PAPER 23857	32.32 0.18 0.00	35.99 0.15 0.00	33.90 0.19 0.00	31.20 0.26 0.00	30.93 0.26 0.00	29.20 0.19 0.00	31.68 0.19 0.00	38.76 0.39 0.00	36.69 0.48 0.00	30.46 0.30 0.00	29.48 -0.03 0.00	27.14 -0.29 0.00	25.80 -0.29 0.00	22.89 -0.11 0.00	22.44 -0.09 0.00	30.12 -0.11 0.00	39.72 0.37 0.00	39.48 0.80 0.00	39.08 0.82 0.00	40.41 0.80 0.00	37.09 0.67 0.00	33.46 0.52 0.00	38.68 0.65 0.00	36.78 0.61 0.00
CASSADAGA_WT_PWR 323784	31.65 -0.48 0.00	35.29 -0.55 0.00	33.18 -0.53 0.00	30.36 -0.57 0.00	30.10 -0.57 0.00	28.51 -0.50 0.00	30.78 -0.70 0.00	36.82 -1.54 0.00	34.46 -1.75 0.00	29.10 -1.06 0.00	28.33 -1.19 0.00	26.41 -1.02 0.00	25.28 -0.82 0.00	22.26 -0.74 0.00	21.66 -0.88 0.00	28.85 -1.38 0.00	37.10 -2.26 0.00	36.87 -1.81 0.00	37.00 -1.27 0.00	37.65 -1.95 0.00	34.13 -2.29 0.00	30.94 -2.00 0.00	36.17 -1.85 0.00	34.54 -1.63 0.00
CE_DUNWOOD___DRP 24194	33.43 1.30 0.00	37.22 1.38 0.00	34.96 1.24 0.00	32.02 1.09 0.00	31.79 1.12 0.00	30.17 1.16 0.00	32.88 1.40 0.00	40.13 1.76 0.00	37.87 1.66 0.00	31.47 1.31 0.00	30.86 1.35 0.00	28.82 1.39 0.00	27.36 1.26 0.00	24.06 1.06 0.00	23.49 0.95 0.00	31.52 1.29 0.00	41.00 1.65 0.00	40.73 2.06 0.00	40.55 2.29 0.00	41.76 2.16 0.00	38.29 1.86 0.00	34.65 1.71 0.00	39.75 1.72 0.00	37.57 1.40 0.00
CE_MILLWOOD___DRP 24193	33.39 1.25 0.00	37.18 1.34 0.00	34.92 1.21 0.00	31.98 1.05 0.00	31.75 1.09 0.00	30.13 1.12 0.00	32.84 1.36 0.00	40.07 1.71 0.00	37.82 1.61 0.00	31.42 1.26 0.00	30.82 1.30 0.00	28.77 1.34 0.00	27.31 1.22 0.00	24.02 1.02 0.00	23.45 0.92 0.00	31.47 1.23 0.00	40.93 1.58 0.00	40.66 1.99 0.00	40.48 2.22 0.00	41.70 2.09 0.00	38.22 1.80 0.00	34.60 1.65 0.00	39.69 1.66 0.00	37.52 1.35 0.00
CE_NYC2_DRP 24202	33.47 1.33 0.00	37.26 1.42 0.00	35.10 1.39 0.00	32.16 1.23 0.00	31.92 1.26 0.00	30.33 1.32 0.00	33.06 1.57 0.00	40.27 1.90 0.00	38.03 1.82 0.00	31.65 1.49 0.00	31.05 1.54 0.00	29.01 1.59 0.00	27.56 1.47 0.00	24.25 1.25 0.00	23.66 1.13 0.00	31.71 1.47 0.00	41.14 1.79 0.00	40.90 2.21 0.00	40.73 2.46 0.00	41.94 2.34 0.00	38.49 2.07 0.00	34.84 1.90 0.00	39.92 1.90 0.00	37.71 1.54 0.00
CE_NYC_DRP 24195	33.48 1.34 0.00	37.24 1.40 0.00	35.04 1.33 0.00	32.11 1.18 0.00	31.87 1.20 0.00	30.27 1.26 0.00	33.03 1.54 0.00	40.24 1.87 0.00	38.00 1.79 0.00	31.63 1.48 0.00	31.03 1.52 0.00	28.99 1.57 0.00	27.55 1.46 0.00	24.23 1.23 0.00	23.65 1.11 0.00	31.69 1.46 0.00	41.14 1.79 0.00	40.89 2.21 0.00	40.73 2.46 0.00	41.94 2.33 0.00	38.48 2.05 0.00	34.83 1.89 0.00	39.91 1.88 0.00	37.70 1.53 0.00
CHAFFEE___LFGE 323603	30.72 -1.42 0.00	34.29 -1.55 0.00	32.23 -1.48 0.00	29.48 -1.45 0.00	29.20 -1.46 0.00	27.68 -1.33 0.00	29.86 -1.63 0.00	35.51 -2.85 0.00	33.13 -3.08 0.00	28.00 -2.15 0.00	27.28 -2.24 0.00	25.41 -2.02 0.00	24.33 -1.77 0.00	21.47 -1.53 0.00	20.92 -1.61 0.00	27.84 -2.39 0.00	35.79 -3.57 0.00	35.54 -3.14 0.00	35.60 -2.67 0.00	36.13 -3.47 0.00	32.77 -3.66 0.00	29.67 -3.27 0.00	34.82 -3.20 0.00	33.38 -2.80 0.00
CHATEAUG_35_KV_LOAD 355732	33.82 1.68 0.00	37.57 1.73 0.00	35.39 1.68 0.00	32.43 1.50 0.00	32.04 1.37 0.00	30.18 1.16 0.00	32.56 1.07 0.00	39.82 1.45 0.00	37.68 1.47 0.00	31.46 1.30 0.00	30.76 1.24 0.00	28.54 1.11 0.00	27.23 1.13 0.00	24.08 1.08 0.00	23.72 1.19 0.00	31.90 1.66 0.00	41.24 1.89 0.00	40.18 1.50 0.00	39.42 1.15 0.00	40.90 1.30 0.00	37.77 1.35 0.00	34.17 1.23 0.00	39.55 1.52 0.00	38.01 1.83 0.00
CHATEAUG_WT_PWR 323614	33.76 1.63 0.00	37.49 1.65 0.00	35.33 1.62 0.00	32.37 1.44 0.00	31.97 1.30 0.00	30.10 1.08 0.00	32.47 0.98 0.00	39.68 1.31 0.00	37.52 1.31 0.00	31.36 1.20 0.00	30.68 1.17 0.00	28.45 1.02 0.00	27.13 1.03 0.00	23.99 0.99 0.00	23.63 1.10 0.00	31.78 1.54 0.00	41.07 1.72 0.00	40.05 1.37 0.00	39.32 1.06 0.00	40.78 1.17 0.00	37.62 1.20 0.00	34.05 1.11 0.00	39.40 1.37 0.00	37.91 1.73 0.00
CHAT_HIGH_FALL_HYD 323578	33.82 1.68 0.00	37.57 1.73 0.00	35.39 1.68 0.00	32.43 1.50 0.00	32.04 1.37 0.00	30.18 1.16 0.00	32.56 1.07 0.00	39.82 1.45 0.00	37.68 1.47 0.00	31.46 1.30 0.00	30.76 1.24 0.00	28.54 1.11 0.00	27.23 1.13 0.00	24.08 1.08 0.00	23.72 1.19 0.00	31.90 1.66 0.00	41.24 1.89 0.00	40.18 1.50 0.00	39.42 1.15 0.00	40.90 1.30 0.00	37.77 1.35 0.00	34.17 1.23 0.00	39.55 1.52 0.00	38.01 1.83 0.00
CHAUTAUQUA___LFGE 323629	31.01 -1.13 0.00	34.57 -1.28 0.00	32.51 -1.20 0.00	29.75 -1.19 0.00	29.48 -1.19 0.00	27.94 -1.07 0.00	30.14 -1.34 0.00	35.98 -2.38 0.00	33.66 -2.56 0.00	28.43 -1.73 0.00	27.68 -1.84 0.00	25.76 -1.67 0.00	24.68 -1.41 0.00	21.75 -1.24 0.00	21.16 -1.37 0.00	28.21 -2.03 0.00	36.25 -3.11 0.00	36.05 -2.63 0.00	36.21 -2.05 0.00	36.83 -2.78 0.00	33.39 -3.03 0.00	30.23 -2.72 0.00	35.37 -2.66 0.00	33.84 -2.34 0.00
CHERRYST_13_KV_LD 356241	33.56 1.42 0.00	37.33 1.49 0.00	35.12 1.41 0.00	32.18 1.25 0.00	31.95 1.28 0.00	30.36 1.34 0.00	33.11 1.63 0.00	40.33 1.96 0.00	38.09 1.88 0.00	31.71 1.55 0.00	31.12 1.60 0.00	29.08 1.65 0.00	27.63 1.54 0.00	24.30 1.30 0.00	23.71 1.18 0.00	31.78 1.54 0.00	41.26 1.90 0.00	41.00 2.32 0.00	40.83 2.57 0.00	42.05 2.45 0.00	38.57 2.15 0.00	34.91 1.97 0.00	40.01 1.99 0.00	37.78 1.61 0.00

CHESTROR_138KV_BK263 355645	33.14 1.00 0.00	36.92 1.08 0.00	34.68 0.97 0.00	31.79 0.85 0.00	31.54 0.87 0.00	29.92 0.90 0.00	32.60 1.11 0.00	39.76 1.40 0.00	37.51 1.30 0.00	31.14 0.98 0.00	30.50 0.99 0.00	28.45 1.02 0.00	27.01 0.91 0.00	23.77 0.77 0.00	23.22 0.69 0.00	31.18 0.95 0.00	40.59 1.24 0.00	40.31 1.63 0.00	40.11 1.84 0.00	41.32 1.72 0.00	37.89 1.46 0.00	34.28 1.34 0.00	39.37 1.34 0.00	37.23 1.06 0.00
CH_MIDHUDSON___DRP 24192	33.44 1.30 0.00	37.23 1.39 0.00	34.99 1.28 0.00	32.07 1.14 0.00	31.85 1.18 0.00	30.21 1.20 0.00	32.89 1.41 0.00	40.16 1.80 0.00	37.86 1.65 0.00	31.42 1.26 0.00	30.84 1.32 0.00	28.73 1.30 0.00	27.27 1.17 0.00	23.96 0.96 0.00	23.42 0.88 0.00	31.50 1.27 0.00	41.07 1.72 0.00	40.76 2.08 0.00	40.53 2.27 0.00	41.73 2.13 0.00	38.23 1.81 0.00	34.60 1.66 0.00	39.71 1.68 0.00	37.55 1.38 0.00
CH_MISC_IPPS 23765	33.62 1.48 0.00	37.43 1.58 0.00	35.16 1.45 0.00	32.23 1.30 0.00	32.00 1.33 0.00	30.36 1.35 0.00	33.07 1.59 0.00	40.38 2.01 0.00	38.07 1.86 0.00	31.59 1.43 0.00	30.97 1.45 0.00	28.86 1.43 0.00	27.39 1.30 0.00	24.08 1.08 0.00	23.54 1.00 0.00	31.67 1.43 0.00	41.29 1.93 0.00	41.00 2.32 0.00	40.79 2.53 0.00	42.00 2.39 0.00	38.47 2.05 0.00	34.80 1.86 0.00	39.93 1.91 0.00	37.75 1.58 0.00
CH_RES_BVR_FALLS 23983	32.30 0.16 0.00	36.04 0.20 0.00	33.91 0.20 0.00	31.12 0.18 0.00	30.83 0.16 0.00	29.12 0.11 0.00	31.56 0.08 0.00	38.50 0.13 0.00	36.43 0.22 0.00	30.36 0.20 0.00	29.71 0.20 0.00	27.59 0.16 0.00	26.30 0.21 0.00	23.22 0.22 0.00	22.78 0.25 0.00	30.53 0.30 0.00	39.67 0.31 0.00	38.70 0.02 0.00	38.09 -0.17 0.00	39.59 -0.02 0.00	36.51 0.09 0.00	33.02 0.07 0.00	38.20 0.17 0.00	36.41 0.24 0.00
CH_RES_NIAGARA 23895	29.39 -2.75 0.00	32.85 -2.99 0.00	30.87 -2.84 0.00	28.23 -2.71 0.00	27.93 -2.74 0.00	26.52 -2.50 0.00	28.54 -2.95 0.00	33.59 -4.78 0.00	31.32 -4.89 0.00	26.51 -3.65 0.00	25.85 -3.67 0.00	24.01 -3.42 0.00	23.03 -3.07 0.00	20.38 -2.62 0.00	19.87 -2.66 0.00	26.36 -3.88 0.00	33.78 -5.57 0.00	33.63 -5.05 0.00	33.77 -4.50 0.00	34.16 -5.45 0.00	30.97 -5.45 0.00	28.05 -4.89 0.00	33.08 -4.94 0.00	32.01 -4.16 0.00
CH_RES_SYRACUSE 23985	31.59 -0.54 0.00	35.21 -0.63 0.00	33.12 -0.59 0.00	30.39 -0.54 0.00	30.13 -0.54 0.00	28.54 -0.47 0.00	30.99 -0.50 0.00	37.65 -0.72 0.00	35.50 -0.71 0.00	29.64 -0.52 0.00	28.98 -0.53 0.00	26.95 -0.48 0.00	25.60 -0.49 0.00	22.55 -0.45 0.00	22.09 -0.45 0.00	29.60 -0.63 0.00	38.58 -0.77 0.00	38.16 -0.52 0.00	37.89 -0.37 0.00	39.06 -0.54 0.00	35.79 -0.63 0.00	32.35 -0.59 0.00	37.39 -0.64 0.00	35.59 -0.58 0.00
CLINTON_WT_PWR 323605	33.76 1.63 0.00	37.49 1.65 0.00	35.33 1.62 0.00	32.37 1.44 0.00	31.97 1.30 0.00	30.10 1.08 0.00	32.47 0.98 0.00	39.68 1.31 0.00	37.52 1.31 0.00	31.36 1.20 0.00	30.68 1.17 0.00	28.45 1.02 0.00	27.13 1.03 0.00	23.99 0.99 0.00	23.63 1.10 0.00	31.78 1.54 0.00	41.07 1.72 0.00	40.05 1.37 0.00	39.32 1.06 0.00	40.78 1.17 0.00	37.62 1.20 0.00	34.05 1.11 0.00	39.40 1.37 0.00	37.91 1.73 0.00
CLINTON___LFGE 323618	34.32 2.18 0.00	38.05 2.21 0.00	35.87 2.15 0.00	32.85 1.92 0.00	32.42 1.75 0.00	30.51 1.50 0.00	32.89 1.40 0.00	40.23 1.87 0.00	38.02 1.81 0.00	31.79 1.63 0.00	31.09 1.58 0.00	28.83 1.40 0.00	27.49 1.40 0.00	24.32 1.32 0.00	23.98 1.45 0.00	32.28 2.04 0.00	41.68 2.33 0.00	40.72 2.04 0.00	39.98 1.72 0.00	41.40 1.79 0.00	38.16 1.74 0.00	34.54 1.60 0.00	39.94 1.92 0.00	38.51 2.34 0.00
COBBLENY_34_KV_TB1 80064	30.73 -1.41 0.00	34.29 -1.55 0.00	32.23 -1.48 0.00	29.48 -1.45 0.00	29.20 -1.46 0.00	27.69 -1.32 0.00	29.85 -1.63 0.00	35.51 -2.86 0.00	33.14 -3.07 0.00	28.01 -2.14 0.00	27.28 -2.24 0.00	25.40 -2.03 0.00	24.33 -1.77 0.00	21.47 -1.53 0.00	20.92 -1.61 0.00	27.83 -2.41 0.00	35.79 -3.56 0.00	35.54 -3.14 0.00	35.59 -2.67 0.00	36.13 -3.48 0.00	32.77 -3.65 0.00	29.67 -3.27 0.00	34.82 -3.20 0.00	33.38 -2.79 0.00
COFFEEN___115KV_TB3 355620	32.08 -0.06 0.00	35.70 -0.14 0.00	33.61 -0.10 0.00	30.94 0.01 0.00	30.70 0.03 0.00	29.01 0.00 0.00	31.51 0.03 0.00	38.53 0.17 0.00	36.47 0.26 0.00	30.19 0.03 0.00	29.12 -0.39 0.00	26.81 -0.62 0.00	25.48 -0.61 0.00	22.69 -0.31 0.00	22.14 -0.39 0.00	29.66 -0.57 0.00	39.44 0.09 0.00	39.37 0.69 0.00	39.08 0.82 0.00	40.34 0.74 0.00	36.98 0.56 0.00	33.36 0.42 0.00	38.52 0.50 0.00	36.58 0.41 0.00
COLDSPRG_115KV_BK1 355956	32.17 0.03 0.00	35.91 0.06 0.00	33.75 0.04 0.00	30.91 -0.02 0.00	30.62 -0.04 0.00	28.96 -0.05 0.00	31.25 -0.24 0.00	37.50 -0.87 0.00	35.09 -1.12 0.00	29.57 -0.59 0.00	28.78 -0.74 0.00	26.95 -0.48 0.00	25.80 -0.30 0.00	22.70 -0.30 0.00	22.10 -0.43 0.00	29.43 -0.80 0.00	37.88 -1.47 0.00	37.51 -1.16 0.00	37.55 -0.71 0.00	38.27 -1.33 0.00	34.72 -1.71 0.00	31.50 -1.44 0.00	36.82 -1.20 0.00	35.03 -1.14 0.00
COLONIE_LFGE___ 323577	33.07 0.92 0.00	36.94 1.10 0.00	34.76 1.05 0.00	31.89 0.95 0.00	31.60 0.94 0.00	29.93 0.92 0.00	32.45 0.97 0.00	39.67 1.30 0.00	37.27 1.06 0.00	30.90 0.75 0.00	30.28 0.76 0.00	28.11 0.67 0.00	26.65 0.55 0.00	23.42 0.42 0.00	23.00 0.46 0.00	31.06 0.83 0.00	40.62 1.26 0.00	40.22 1.55 0.00	39.91 1.65 0.00	41.01 1.40 0.00	37.54 1.12 0.00	33.99 1.04 0.00	39.04 1.01 0.00	37.03 0.87 0.00
COOPERNY_115KV_TB1 80082	32.85 0.71 0.00	36.60 0.76 0.00	34.39 0.68 0.00	31.54 0.61 0.00	31.30 0.63 0.00	29.65 0.64 0.00	32.28 0.79 0.00	39.37 1.01 0.00	37.15 0.94 0.00	30.87 0.71 0.00	30.22 0.71 0.00	28.16 0.73 0.00	26.76 0.66 0.00	23.55 0.56 0.00	23.02 0.49 0.00	30.91 0.67 0.00	40.23 0.87 0.00	39.88 1.20 0.00	39.63 1.37 0.00	40.87 1.27 0.00	37.48 1.06 0.00	33.91 0.97 0.00	38.99 0.96 0.00	36.92 0.75 0.00
COPENHAGEN_WT_PWR 323753	31.80 -0.34 0.00	35.39 -0.45 0.00	33.36 -0.35 0.00	30.73 -0.20 0.00	30.46 -0.20 0.00	28.77 -0.24 0.00	31.23 -0.26 0.00	38.19 -0.18 0.00	36.14 -0.07 0.00	29.99 -0.17 0.00	29.02 -0.50 0.00	26.77 -0.66 0.00	25.44 -0.66 0.00	22.59 -0.40 0.00	22.09 -0.44 0.00	29.60 -0.64 0.00	39.15 -0.20 0.00	38.99 0.30 0.00	38.68 0.42 0.00	39.93 0.33 0.00	36.62 0.20 0.00	33.05 0.10 0.00	38.19 0.17 0.00	36.29 0.12 0.00
CORNELL_____ 23752	32.45 0.31 0.00	36.13 0.29 0.00	33.99 0.28 0.00	31.20 0.26 0.00	30.95 0.29 0.00	29.32 0.31 0.00	31.85 0.36 0.00	38.76 0.39 0.00	36.61 0.40 0.00	30.58 0.42 0.00	29.86 0.34 0.00	27.72 0.29 0.00	26.30 0.21 0.00	23.08 0.08 0.00	22.54 0.01 0.00	30.31 0.07 0.00	39.65 0.30 0.00	39.36 0.68 0.00	39.16 0.90 0.00	40.36 0.76 0.00	36.90 0.48 0.00	33.37 0.43 0.00	38.48 0.45 0.00	36.54 0.37 0.00

CORONA__69_KV_TB1 355595	34.05 1.91 0.00	37.89 2.05 0.00	35.56 1.85 0.00	32.53 1.60 0.00	32.31 1.65 0.00	30.71 1.70 0.00	33.41 1.92 0.00	40.80 2.43 0.00	38.48 2.27 0.00	31.85 1.69 0.00	31.39 1.87 0.00	29.38 1.95 0.00	27.86 1.76 0.00	24.52 1.52 0.00	23.83 1.29 0.00	31.95 1.72 0.00	41.74 2.39 0.00	41.47 2.79 0.00	41.25 2.99 0.00	42.60 3.00 0.00	39.05 2.63 0.00	35.35 2.41 0.00	40.50 2.47 0.00	38.24 2.07 0.00
CORTLAND__115KV_TB3 80093	32.17 0.03 0.00	35.83 -0.02 0.00	33.70 -0.02 0.00	30.93 0.00 0.00	30.70 0.03 0.00	29.06 0.05 0.00	31.57 0.08 0.00	38.42 0.06 0.00	36.26 0.05 0.00	30.25 0.09 0.00	29.55 0.04 0.00	27.44 0.01 0.00	26.08 -0.02 0.00	22.91 -0.08 0.00	22.40 -0.14 0.00	30.13 -0.11 0.00	39.28 -0.07 0.00	38.95 0.27 0.00	38.73 0.47 0.00	39.93 0.33 0.00	36.55 0.13 0.00	33.04 0.09 0.00	38.10 0.07 0.00	36.19 0.02 0.00
COXSACKIE__GT 23611	34.26 2.12 0.00	38.18 2.34 0.00	35.96 2.25 0.00	33.01 2.08 0.00	32.70 2.03 0.00	30.97 1.96 0.00	33.62 2.13 0.00	41.11 2.75 0.00	38.55 2.34 0.00	31.80 1.65 0.00	30.99 1.48 0.00	28.65 1.22 0.00	27.06 0.96 0.00	23.69 0.69 0.00	23.29 0.76 0.00	31.62 1.39 0.00	41.89 2.53 0.00	42.06 3.38 0.00	41.80 3.53 0.00	42.86 3.26 0.00	39.10 2.68 0.00	35.33 2.39 0.00	40.60 2.57 0.00	38.45 2.28 0.00
CPV_VALLEY__CC1 323721	32.89 0.75 0.00	36.64 0.80 0.00	34.42 0.71 0.00	31.55 0.62 0.00	31.32 0.65 0.00	29.69 0.68 0.00	32.34 0.85 0.00	39.45 1.09 0.00	37.22 1.01 0.00	30.92 0.76 0.00	30.29 0.78 0.00	28.24 0.81 0.00	26.83 0.73 0.00	23.61 0.61 0.00	23.07 0.54 0.00	30.96 0.72 0.00	40.29 0.94 0.00	39.98 1.30 0.00	39.76 1.50 0.00	40.99 1.38 0.00	37.58 1.15 0.00	34.01 1.06 0.00	39.06 1.03 0.00	36.95 0.78 0.00
CPV_VALLEY__CC2 323722	32.89 0.75 0.00	36.64 0.80 0.00	34.42 0.71 0.00	31.55 0.62 0.00	31.32 0.65 0.00	29.69 0.68 0.00	32.34 0.85 0.00	39.45 1.09 0.00	37.22 1.01 0.00	30.92 0.76 0.00	30.29 0.78 0.00	28.24 0.81 0.00	26.83 0.73 0.00	23.61 0.61 0.00	23.07 0.54 0.00	30.96 0.72 0.00	40.29 0.94 0.00	39.98 1.30 0.00	39.76 1.50 0.00	40.99 1.38 0.00	37.58 1.15 0.00	34.01 1.06 0.00	39.06 1.03 0.00	36.95 0.78 0.00
CRESCENT__HYD 24018	33.07 0.92 0.00	36.94 1.10 0.00	34.76 1.05 0.00	31.89 0.95 0.00	31.60 0.94 0.00	29.93 0.92 0.00	32.45 0.97 0.00	39.67 1.30 0.00	37.27 1.06 0.00	30.90 0.75 0.00	30.28 0.76 0.00	28.11 0.67 0.00	26.65 0.55 0.00	23.42 0.42 0.00	23.00 0.46 0.00	31.06 0.83 0.00	40.62 1.26 0.00	40.22 1.55 0.00	39.91 1.65 0.00	41.01 1.40 0.00	37.54 1.12 0.00	33.99 1.04 0.00	39.04 1.01 0.00	37.03 0.87 0.00
CRICKET__VALLEY_CC1 323756	33.27 1.13 0.00	37.00 1.15 0.00	34.79 1.08 0.00	31.88 0.95 0.00	31.68 1.02 0.00	30.04 1.02 0.00	32.68 1.19 0.00	39.93 1.57 0.00	37.64 1.43 0.00	31.21 1.05 0.00	30.71 1.20 0.00	28.59 1.16 0.00	27.11 1.01 0.00	23.79 0.79 0.00	23.25 0.72 0.00	31.32 1.09 0.00	40.83 1.47 0.00	40.48 1.81 0.00	40.25 1.99 0.00	41.42 1.82 0.00	37.91 1.49 0.00	34.33 1.39 0.00	39.38 1.36 0.00	37.25 1.07 0.00
CRICKET__VALLEY_CC2 323757	33.27 1.13 0.00	37.00 1.15 0.00	34.79 1.08 0.00	31.88 0.95 0.00	31.68 1.02 0.00	30.04 1.02 0.00	32.68 1.19 0.00	39.93 1.57 0.00	37.64 1.43 0.00	31.21 1.05 0.00	30.71 1.20 0.00	28.59 1.16 0.00	27.11 1.01 0.00	23.79 0.79 0.00	23.25 0.72 0.00	31.32 1.09 0.00	40.83 1.47 0.00	40.48 1.81 0.00	40.25 1.99 0.00	41.42 1.82 0.00	37.91 1.49 0.00	34.33 1.39 0.00	39.38 1.36 0.00	37.25 1.07 0.00
CRICKET__VALLEY_CC3 323758	33.27 1.13 0.00	37.00 1.15 0.00	34.79 1.08 0.00	31.88 0.95 0.00	31.68 1.02 0.00	30.04 1.02 0.00	32.68 1.19 0.00	39.93 1.57 0.00	37.64 1.43 0.00	31.21 1.05 0.00	30.71 1.20 0.00	28.59 1.16 0.00	27.11 1.01 0.00	23.79 0.79 0.00	23.25 0.72 0.00	31.32 1.09 0.00	40.83 1.47 0.00	40.48 1.81 0.00	40.25 1.99 0.00	41.42 1.82 0.00	37.91 1.49 0.00	34.33 1.39 0.00	39.38 1.36 0.00	37.25 1.07 0.00
CRUCIBLE_METL_DRP 24180	31.60 -0.54 0.00	35.21 -0.63 0.00	33.11 -0.59 0.00	30.39 -0.54 0.00	30.13 -0.54 0.00	28.54 -0.47 0.00	30.99 -0.50 0.00	37.65 -0.72 0.00	35.50 -0.71 0.00	29.64 -0.52 0.00	28.98 -0.53 0.00	26.95 -0.48 0.00	25.61 -0.49 0.00	22.55 -0.45 0.00	22.09 -0.45 0.00	29.60 -0.63 0.00	38.59 -0.77 0.00	38.16 -0.52 0.00	37.89 -0.37 0.00	39.06 -0.54 0.00	35.79 -0.63 0.00	32.35 -0.59 0.00	37.39 -0.63 0.00	35.59 -0.58 0.00
DAHOWA__HYDRO 323763	33.46 1.33 0.00	37.33 1.49 0.00	35.13 1.41 0.00	32.22 1.29 0.00	31.89 1.22 0.00	30.23 1.22 0.00	32.89 1.40 0.00	40.31 1.94 0.00	37.83 1.62 0.00	31.24 1.08 0.00	30.54 1.03 0.00	28.27 0.84 0.00	26.76 0.66 0.00	23.52 0.52 0.00	23.15 0.62 0.00	31.52 1.28 0.00	41.33 1.98 0.00	40.92 2.24 0.00	40.58 2.32 0.00	41.76 2.16 0.00	38.14 1.72 0.00	34.51 1.57 0.00	39.58 1.56 0.00	37.50 1.33 0.00
DANC__LFGE 323619	31.48 -0.66 0.00	35.06 -0.79 0.00	33.01 -0.70 0.00	30.37 -0.57 0.00	30.12 -0.55 0.00	28.44 -0.57 0.00	30.89 -0.60 0.00	37.68 -0.69 0.00	35.62 -0.59 0.00	29.62 -0.54 0.00	28.78 -0.73 0.00	26.63 -0.80 0.00	25.30 -0.80 0.00	22.41 -0.59 0.00	21.91 -0.62 0.00	29.36 -0.88 0.00	38.62 -0.74 0.00	38.37 -0.31 0.00	38.09 -0.17 0.00	39.30 -0.30 0.00	36.03 -0.40 0.00	32.56 -0.39 0.00	37.64 -0.38 0.00	35.80 -0.37 0.00
DANSKAMMER__1 23586	33.62 1.48 0.00	37.43 1.58 0.00	35.16 1.45 0.00	32.23 1.30 0.00	32.00 1.33 0.00	30.36 1.35 0.00	33.07 1.59 0.00	40.38 2.01 0.00	38.07 1.86 0.00	31.59 1.43 0.00	30.97 1.45 0.00	28.86 1.43 0.00	27.39 1.30 0.00	24.08 1.08 0.00	23.54 1.00 0.00	31.67 1.43 0.00	41.29 1.93 0.00	41.00 2.32 0.00	40.79 2.53 0.00	42.00 2.39 0.00	38.47 2.05 0.00	34.80 1.86 0.00	39.93 1.91 0.00	37.75 1.58 0.00
DANSKAMMER__2 23589	33.62 1.48 0.00	37.43 1.58 0.00	35.16 1.45 0.00	32.23 1.30 0.00	32.00 1.33 0.00	30.36 1.35 0.00	33.07 1.59 0.00	40.38 2.01 0.00	38.07 1.86 0.00	31.59 1.43 0.00	30.97 1.45 0.00	28.86 1.43 0.00	27.39 1.30 0.00	24.08 1.08 0.00	23.54 1.00 0.00	31.67 1.43 0.00	41.29 1.93 0.00	41.00 2.32 0.00	40.79 2.53 0.00	42.00 2.39 0.00	38.47 2.05 0.00	34.80 1.86 0.00	39.93 1.91 0.00	37.75 1.58 0.00
DANSKAMMER__3 23590	33.62 1.48 0.00	37.43 1.58 0.00	35.16 1.45 0.00	32.23 1.30 0.00	32.00 1.33 0.00	30.36 1.35 0.00	33.07 1.59 0.00	40.38 2.01 0.00	38.07 1.86 0.00	31.59 1.43 0.00	30.97 1.45 0.00	28.86 1.43 0.00	27.39 1.30 0.00	24.08 1.08 0.00	23.54 1.00 0.00	31.67 1.43 0.00	41.29 1.93 0.00	41.00 2.32 0.00	40.79 2.53 0.00	42.00 2.39 0.00	38.47 2.05 0.00	34.80 1.86 0.00	39.93 1.91 0.00	37.75 1.58 0.00

DANSKAMMER___4 23591	33.62 1.48 0.00	37.43 1.58 0.00	35.16 1.45 0.00	32.23 1.30 0.00	32.00 1.33 0.00	30.36 1.35 0.00	33.07 1.59 0.00	40.38 2.01 0.00	38.07 1.86 0.00	31.59 1.43 0.00	30.97 1.45 0.00	28.86 1.43 0.00	27.39 1.30 0.00	24.08 1.08 0.00	23.54 1.00 0.00	31.67 1.43 0.00	41.29 1.93 0.00	41.00 2.32 0.00	40.79 2.53 0.00	42.00 2.39 0.00	38.47 2.05 0.00	34.80 1.86 0.00	39.93 1.91 0.00	37.75 1.58 0.00
DANSKAMMER___DIESEL 23592	33.62 1.48 0.00	37.43 1.58 0.00	35.16 1.45 0.00	32.23 1.30 0.00	32.00 1.33 0.00	30.36 1.35 0.00	33.07 1.59 0.00	40.38 2.01 0.00	38.07 1.86 0.00	31.59 1.43 0.00	30.97 1.45 0.00	28.86 1.44 0.00	27.39 1.30 0.00	24.08 1.08 0.00	23.53 1.00 0.00	31.67 1.43 0.00	41.29 1.93 0.00	41.00 2.32 0.00	40.78 2.53 0.00	42.00 2.39 0.00	38.47 2.05 0.00	34.81 1.86 0.00	39.93 1.91 0.00	37.75 1.58 0.00
DARBY___SOLAR 323810	33.40 1.27 0.00	37.27 1.43 0.00	35.06 1.35 0.00	32.17 1.24 0.00	31.83 1.16 0.00	30.18 1.17 0.00	32.82 1.34 0.00	40.19 1.83 0.00	37.73 1.52 0.00	31.17 1.01 0.00	30.45 0.94 0.00	28.20 0.77 0.00	26.71 0.62 0.00	23.49 0.49 0.00	23.11 0.58 0.00	31.43 1.20 0.00	41.20 1.85 0.00	40.78 2.11 0.00	40.46 2.20 0.00	41.62 2.01 0.00	38.04 1.61 0.00	34.43 1.48 0.00	39.49 1.47 0.00	37.44 1.27 0.00
DASHVILLE___HYD 23610	33.21 1.07 0.00	36.97 1.13 0.00	34.73 1.01 0.00	31.83 0.90 0.00	31.63 0.96 0.00	29.99 0.98 0.00	32.70 1.21 0.00	39.91 1.54 0.00	37.67 1.46 0.00	31.27 1.11 0.00	30.69 1.17 0.00	28.62 1.19 0.00	27.17 1.07 0.00	23.88 0.88 0.00	23.32 0.78 0.00	31.32 1.08 0.00	40.77 1.41 0.00	40.48 1.80 0.00	40.30 2.03 0.00	41.51 1.91 0.00	38.05 1.62 0.00	34.43 1.49 0.00	39.51 1.48 0.00	37.34 1.16 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	34.70 2.56 0.00	38.64 2.80 0.00	36.27 2.56 0.00	33.08 2.15 0.00	32.87 2.20 0.00	31.40 2.39 0.00	34.15 2.66 0.00	41.84 3.47 0.00	39.36 3.15 0.00	32.32 2.16 0.00	31.85 2.33 0.00	29.77 2.34 0.00	28.14 2.04 0.00	24.87 1.87 0.00	24.17 1.64 0.00	32.54 2.31 0.00	42.93 3.58 0.00	42.44 3.76 0.00	42.04 3.78 0.00	43.73 4.13 0.00	39.98 3.56 0.00	36.19 3.25 0.00	41.49 3.47 0.00	39.09 2.92 0.00
DELAWARE___LFGE 323621	32.88 0.74 0.00	36.63 0.79 0.00	34.46 0.74 0.00	31.62 0.69 0.00	31.38 0.71 0.00	29.69 0.68 0.00	32.30 0.81 0.00	39.38 1.01 0.00	37.20 0.99 0.00	30.97 0.81 0.00	30.31 0.80 0.00	28.18 0.75 0.00	26.78 0.69 0.00	23.56 0.56 0.00	23.04 0.51 0.00	30.96 0.73 0.00	40.34 0.99 0.00	39.90 1.22 0.00	39.62 1.36 0.00	40.88 1.28 0.00	37.48 1.06 0.00	33.90 0.95 0.00	39.04 1.02 0.00	37.01 0.84 0.00
DERFIELD_115KV_TB7 355931	32.11 -0.03 0.00	35.81 -0.04 0.00	33.68 -0.03 0.00	30.90 -0.03 0.00	30.66 -0.01 0.00	29.01 0.00 0.00	31.51 0.02 0.00	38.41 0.04 0.00	36.21 0.01 0.00	30.14 -0.02 0.00	29.49 -0.03 0.00	27.41 -0.02 0.00	26.06 -0.04 0.00	22.95 -0.05 0.00	22.47 -0.06 0.00	30.21 -0.03 0.00	39.36 0.00 0.00	38.80 0.12 0.00	38.45 0.19 0.00	39.73 0.13 0.00	36.46 0.04 0.00	32.99 0.05 0.00	38.03 0.01 0.00	36.14 -0.03 0.00
DOGLEVILLE___HYD 23807	32.06 -0.08 0.00	35.82 -0.02 0.00	33.69 -0.02 0.00	30.94 0.01 0.00	30.69 0.03 0.00	29.10 0.08 0.00	31.60 0.12 0.00	38.72 0.35 0.00	36.30 0.09 0.00	30.00 -0.15 0.00	29.30 -0.22 0.00	27.13 -0.30 0.00	25.66 -0.43 0.00	22.54 -0.46 0.00	22.08 -0.45 0.00	30.09 -0.14 0.00	39.49 0.14 0.00	39.45 0.78 0.00	39.28 1.02 0.00	40.39 0.79 0.00	36.86 0.44 0.00	33.35 0.40 0.00	38.18 0.16 0.00	36.06 -0.11 0.00
DUNKIRK___115KV_TB_200 55889	30.93 -1.21 0.00	34.48 -1.36 0.00	32.43 -1.28 0.00	29.67 -1.26 0.00	29.40 -1.27 0.00	27.87 -1.15 0.00	30.06 -1.43 0.00	35.87 -2.50 0.00	33.55 -2.66 0.00	28.35 -1.80 0.00	27.58 -1.93 0.00	25.68 -1.75 0.00	24.62 -1.48 0.00	21.69 -1.31 0.00	21.11 -1.42 0.00	28.12 -2.11 0.00	36.16 -3.19 0.00	35.95 -2.72 0.00	36.10 -2.16 0.00	36.72 -2.88 0.00	33.29 -3.13 0.00	30.14 -2.81 0.00	35.26 -2.76 0.00	33.74 -2.43 0.00
DUNKIRK___1 23563	30.93 -1.21 0.00	34.48 -1.36 0.00	32.43 -1.28 0.00	29.67 -1.26 0.00	29.40 -1.27 0.00	27.87 -1.15 0.00	30.06 -1.43 0.00	35.87 -2.50 0.00	33.55 -2.66 0.00	28.35 -1.80 0.00	27.58 -1.93 0.00	25.68 -1.75 0.00	24.62 -1.48 0.00	21.69 -1.31 0.00	21.11 -1.42 0.00	28.12 -2.11 0.00	36.16 -3.19 0.00	35.95 -2.72 0.00	36.10 -2.16 0.00	36.72 -2.88 0.00	33.29 -3.13 0.00	30.14 -2.81 0.00	35.26 -2.76 0.00	33.74 -2.43 0.00
DUNKIRK___2 23564	30.93 -1.21 0.00	34.48 -1.36 0.00	32.43 -1.28 0.00	29.67 -1.26 0.00	29.40 -1.27 0.00	27.87 -1.15 0.00	30.06 -1.43 0.00	35.87 -2.50 0.00	33.55 -2.66 0.00	28.35 -1.80 0.00	27.58 -1.93 0.00	25.68 -1.75 0.00	24.62 -1.48 0.00	21.69 -1.31 0.00	21.11 -1.42 0.00	28.12 -2.11 0.00	36.16 -3.19 0.00	35.95 -2.72 0.00	36.10 -2.16 0.00	36.72 -2.88 0.00	33.29 -3.13 0.00	30.14 -2.81 0.00	35.26 -2.76 0.00	33.74 -2.43 0.00
DUNKIRK___3 23565	30.81 -1.33 0.00	34.35 -1.49 0.00	32.32 -1.40 0.00	29.58 -1.36 0.00	29.31 -1.36 0.00	27.76 -1.26 0.00	29.93 -1.55 0.00	35.78 -2.59 0.00	33.46 -2.75 0.00	28.25 -1.91 0.00	27.50 -2.01 0.00	25.64 -1.79 0.00	24.59 -1.50 0.00	21.67 -1.33 0.00	21.09 -1.45 0.00	28.11 -2.13 0.00	36.13 -3.23 0.00	35.87 -2.81 0.00	35.99 -2.27 0.00	36.66 -2.95 0.00	33.25 -3.17 0.00	30.10 -2.84 0.00	35.19 -2.84 0.00	33.64 -2.53 0.00
DUNKIRK___4 23566	30.86 -1.28 0.00	34.41 -1.43 0.00	32.36 -1.35 0.00	29.60 -1.33 0.00	29.33 -1.34 0.00	27.81 -1.21 0.00	29.99 -1.50 0.00	35.75 -2.61 0.00	33.42 -2.79 0.00	28.24 -1.91 0.00	27.49 -2.03 0.00	25.60 -1.83 0.00	24.54 -1.56 0.00	21.63 -1.37 0.00	21.06 -1.48 0.00	28.04 -2.20 0.00	36.05 -3.30 0.00	35.83 -2.85 0.00	35.95 -2.32 0.00	36.55 -3.05 0.00	33.14 -3.28 0.00	30.01 -2.93 0.00	35.14 -2.89 0.00	33.64 -2.53 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.50 1.36 0.00	37.29 1.45 0.00	35.00 1.29 0.00	32.06 1.13 0.00	31.83 1.16 0.00	30.21 1.20 0.00	32.93 1.44 0.00	40.18 1.81 0.00	37.93 1.72 0.00	31.51 1.36 0.00	30.92 1.41 0.00	28.87 1.45 0.00	27.41 1.32 0.00	24.12 1.11 0.00	23.53 1.00 0.00	31.58 1.35 0.00	41.08 1.72 0.00	40.80 2.12 0.00	40.61 2.35 0.00	41.83 2.22 0.00	38.35 1.93 0.00	34.71 1.77 0.00	39.82 1.79 0.00	37.63 1.46 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.34 1.20 0.00	37.13 1.29 0.00	34.88 1.17 0.00	31.96 1.03 0.00	31.73 1.06 0.00	30.11 1.09 0.00	32.80 1.31 0.00	40.03 1.67 0.00	37.76 1.55 0.00	31.33 1.17 0.00	30.70 1.18 0.00	28.62 1.19 0.00	27.17 1.07 0.00	23.90 0.90 0.00	23.35 0.81 0.00	31.38 1.14 0.00	40.89 1.54 0.00	40.62 1.94 0.00	40.42 2.15 0.00	41.64 2.03 0.00	38.16 1.73 0.00	34.53 1.59 0.00	39.62 1.60 0.00	37.46 1.29 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	33.31 1.17 0.00	37.16 1.32 0.00	35.07 1.35 0.00	32.14 1.21 0.00	31.88 1.21 0.00	30.29 1.28 0.00	33.01 1.53 0.00	40.19 1.82 0.00	37.96 1.75 0.00	31.58 1.42 0.00	30.97 1.46 0.00	28.94 1.51 0.00	27.49 1.39 0.00	24.18 1.18 0.00	23.58 1.04 0.00	31.61 1.37 0.00	41.03 1.68 0.00	40.81 2.13 0.00	40.63 2.37 0.00	41.85 2.25 0.00	38.42 2.00 0.00	34.76 1.82 0.00	39.82 1.80 0.00	37.63 1.46 0.00
E179THST_13_KV_LOAD 356214	33.44 1.30 0.00	37.31 1.47 0.00	35.20 1.48 0.00	32.24 1.31 0.00	31.98 1.32 0.00	30.40 1.39 0.00	33.12 1.64 0.00	40.34 1.97 0.00	38.11 1.90 0.00	31.71 1.55 0.00	31.11 1.59 0.00	29.07 1.64 0.00	27.61 1.51 0.00	24.28 1.29 0.00	23.68 1.15 0.00	31.75 1.51 0.00	41.21 1.86 0.00	40.99 2.31 0.00	40.82 2.56 0.00	42.04 2.44 0.00	38.58 2.16 0.00	34.92 1.98 0.00	40.00 1.97 0.00	37.78 1.61 0.00
EAST HAMPTON___GT 23717	34.67 2.53 0.00	38.57 2.73 0.00	36.21 2.50 0.00	33.01 2.08 0.00	32.82 2.15 0.00	31.36 2.35 0.00	34.13 2.65 0.00	41.85 3.48 0.00	39.36 3.15 0.00	32.31 2.15 0.00	31.86 2.35 0.00	29.81 2.38 0.00	28.14 2.04 0.00	24.90 1.90 0.00	24.27 1.73 0.00	32.73 2.49 0.00	43.31 3.95 0.00	42.71 4.03 0.00	42.22 3.95 0.00	43.88 4.28 0.00	40.02 3.60 0.00	36.28 3.34 0.00	41.60 3.57 0.00	39.16 2.99 0.00
EAST RIVER___6 23660	33.51 1.37 0.00	37.28 1.44 0.00	35.08 1.36 0.00	32.13 1.20 0.00	31.90 1.23 0.00	30.30 1.29 0.00	33.07 1.58 0.00	40.28 1.92 0.00	38.05 1.85 0.00	31.69 1.54 0.00	31.09 1.57 0.00	29.06 1.63 0.00	27.61 1.52 0.00	24.29 1.29 0.00	23.70 1.16 0.00	31.76 1.52 0.00	41.24 1.88 0.00	40.99 2.31 0.00	40.81 2.56 0.00	42.02 2.42 0.00	38.54 2.12 0.00	34.89 1.95 0.00	39.97 1.95 0.00	37.76 1.59 0.00
EAST RIVER___7 23524	33.51 1.37 0.00	37.28 1.44 0.00	35.08 1.36 0.00	32.13 1.20 0.00	31.90 1.23 0.00	30.30 1.29 0.00	33.07 1.58 0.00	40.28 1.92 0.00	38.05 1.85 0.00	31.69 1.54 0.00	31.09 1.57 0.00	29.06 1.63 0.00	27.61 1.52 0.00	24.29 1.29 0.00	23.70 1.16 0.00	31.76 1.52 0.00	41.24 1.88 0.00	40.99 2.31 0.00	40.81 2.56 0.00	42.02 2.42 0.00	38.54 2.12 0.00	34.89 1.95 0.00	39.97 1.95 0.00	37.76 1.59 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.43 1.30 0.00	37.22 1.38 0.00	34.96 1.24 0.00	32.02 1.09 0.00	31.79 1.12 0.00	30.17 1.16 0.00	32.88 1.40 0.00	40.13 1.76 0.00	37.87 1.66 0.00	31.47 1.31 0.00	30.86 1.35 0.00	28.82 1.39 0.00	27.36 1.26 0.00	24.06 1.06 0.00	23.49 0.95 0.00	31.52 1.29 0.00	41.00 1.65 0.00	40.73 2.06 0.00	40.55 2.29 0.00	41.76 2.16 0.00	38.29 1.86 0.00	34.65 1.71 0.00	39.75 1.72 0.00	37.57 1.40 0.00
EAST_HAMPTON___DIESEL 23722	34.63 2.49 0.00	38.52 2.68 0.00	36.16 2.45 0.00	32.96 2.03 0.00	32.77 2.10 0.00	31.33 2.31 0.00	34.08 2.60 0.00	41.78 3.41 0.00	39.30 3.09 0.00	32.27 2.11 0.00	31.83 2.32 0.00	29.79 2.36 0.00	28.11 2.01 0.00	24.88 1.88 0.00	24.25 1.71 0.00	32.71 2.47 0.00	43.29 3.94 0.00	42.68 4.00 0.00	42.18 3.92 0.00	43.84 4.23 0.00	39.97 3.55 0.00	36.24 3.30 0.00	41.56 3.53 0.00	39.11 2.94 0.00
EAST_PULASKI___ESR 323781	31.26 -0.88 0.00	34.81 -1.03 0.00	32.75 -0.97 0.00	30.08 -0.85 0.00	29.84 -0.83 0.00	28.20 -0.81 0.00	30.63 -0.86 0.00	37.30 -1.07 0.00	35.21 -1.00 0.00	29.33 -0.83 0.00	28.62 -0.90 0.00	26.55 -0.88 0.00	25.22 -0.88 0.00	22.28 -0.72 0.00	21.80 -0.74 0.00	29.19 -1.05 0.00	38.20 -1.15 0.00	37.88 -0.80 0.00	37.62 -0.64 0.00	38.78 -0.82 0.00	35.54 -0.88 0.00	32.15 -0.79 0.00	37.19 -0.84 0.00	35.38 -0.79 0.00
EAST_RIVER___1 323558	33.48 1.34 0.00	37.25 1.41 0.00	35.04 1.33 0.00	32.11 1.18 0.00	31.87 1.20 0.00	30.27 1.26 0.00	33.03 1.54 0.00	40.24 1.87 0.00	38.00 1.79 0.00	31.63 1.48 0.00	31.03 1.52 0.00	28.99 1.56 0.00	27.55 1.46 0.00	24.23 1.23 0.00	23.65 1.11 0.00	31.69 1.46 0.00	41.15 1.79 0.00	40.89 2.21 0.00	40.72 2.46 0.00	41.94 2.34 0.00	38.47 2.05 0.00	34.83 1.88 0.00	39.90 1.88 0.00	37.70 1.53 0.00
EAST_RIVER___2 323559	33.51 1.37 0.00	37.28 1.44 0.00	35.08 1.36 0.00	32.13 1.20 0.00	31.90 1.23 0.00	30.30 1.29 0.00	33.07 1.58 0.00	40.28 1.92 0.00	38.05 1.85 0.00	31.69 1.54 0.00	31.09 1.57 0.00	29.06 1.63 0.00	27.61 1.52 0.00	24.29 1.29 0.00	23.70 1.16 0.00	31.76 1.52 0.00	41.24 1.88 0.00	40.99 2.31 0.00	40.81 2.56 0.00	42.02 2.42 0.00	38.54 2.12 0.00	34.89 1.95 0.00	39.97 1.95 0.00	37.76 1.59 0.00
EAST___DELAWARE_HYD 23607	32.94 0.80 0.00	36.60 0.76 0.00	34.36 0.65 0.00	31.51 0.58 0.00	31.30 0.63 0.00	29.69 0.68 0.00	32.39 0.90 0.00	39.56 1.20 0.00	37.31 1.10 0.00	30.88 0.72 0.00	30.15 0.63 0.00	28.05 0.61 0.00	26.61 0.52 0.00	23.41 0.41 0.00	22.88 0.34 0.00	30.81 0.57 0.00	40.31 0.95 0.00	40.17 1.49 0.00	39.98 1.72 0.00	41.21 1.61 0.00	37.76 1.34 0.00	34.14 1.20 0.00	39.17 1.14 0.00	37.03 0.86 0.00
EIGHT_POINT___WT_PWR 323820	32.23 0.10 0.00	36.06 0.21 0.00	33.71 0.00 0.00	31.08 0.14 0.00	30.97 0.31 0.00	29.15 0.13 0.00	31.65 0.16 0.00	38.63 0.26 0.00	36.65 0.44 0.00	30.74 0.58 0.00	30.01 0.50 0.00	27.82 0.39 0.00	26.42 0.33 0.00	23.09 0.09 0.00	22.45 -0.08 0.00	30.23 0.00 0.00	39.59 0.24 0.00	39.54 0.86 0.00	39.57 1.31 0.00	40.76 1.16 0.00	37.09 0.67 0.00	33.56 0.62 0.00	38.52 0.50 0.00	36.54 0.36 0.00
ELBRIDGE_115KV_TB2 80188	31.46 -0.68 0.00	35.06 -0.79 0.00	32.97 -0.74 0.00	30.24 -0.69 0.00	29.97 -0.69 0.00	28.41 -0.61 0.00	30.86 -0.63 0.00	37.44 -0.93 0.00	35.31 -0.90 0.00	29.50 -0.66 0.00	28.86 -0.66 0.00	26.82 -0.61 0.00	25.48 -0.61 0.00	22.43 -0.57 0.00	21.97 -0.56 0.00	29.44 -0.80 0.00	38.33 -1.02 0.00	37.95 -0.73 0.00	37.69 -0.58 0.00	38.84 -0.77 0.00	35.61 -0.81 0.00	32.21 -0.73 0.00	37.22 -0.80 0.00	35.43 -0.74 0.00
ELEC_TRO_TEK 24086	33.88 1.74 0.00	37.71 1.87 0.00	35.39 1.68 0.00	32.38 1.45 0.00	32.16 1.49 0.00	30.56 1.55 0.00	33.26 1.78 0.00	40.64 2.27 0.00	38.33 2.12 0.00	31.73 1.57 0.00	31.23 1.72 0.00	29.22 1.79 0.00	27.71 1.62 0.00	24.39 1.39 0.00	23.71 1.18 0.00	31.81 1.57 0.00	41.57 2.21 0.00	41.26 2.58 0.00	41.05 2.79 0.00	42.37 2.76 0.00	38.85 2.43 0.00	35.17 2.23 0.00	40.31 2.28 0.00	38.08 1.91 0.00
ELLENBURG_WT_PWR 323604	33.76 1.63 0.00	37.49 1.65 0.00	35.33 1.62 0.00	32.37 1.44 0.00	31.97 1.30 0.00	30.10 1.08 0.00	32.47 0.98 0.00	39.68 1.31 0.00	37.52 1.31 0.00	31.36 1.20 0.00	30.68 1.17 0.00	28.45 1.02 0.00	27.13 1.03 0.00	23.99 0.99 0.00	23.63 1.10 0.00	31.78 1.54 0.00	41.07 1.72 0.00	40.05 1.37 0.00	39.32 1.06 0.00	40.78 1.17 0.00	37.62 1.20 0.00	34.05 1.11 0.00	39.40 1.37 0.00	37.91 1.73 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	30.37 -1.77 0.00	33.89 -1.95 0.00	31.85 -1.86 0.00	29.14 -1.79 0.00	28.86 -1.81 0.00	27.37 -1.64 0.00	29.50 -1.99 0.00	35.03 -3.34 0.00	32.71 -3.51 0.00	27.66 -2.50 0.00	26.94 -2.58 0.00	25.06 -2.36 0.00	24.03 -2.07 0.00	21.21 -1.79 0.00	20.67 -1.86 0.00	27.48 -2.76 0.00	35.32 -4.03 0.00	35.10 -3.58 0.00	35.19 -3.08 0.00	35.69 -3.91 0.00	32.37 -4.05 0.00	29.32 -3.62 0.00	34.44 -3.58 0.00	33.07 -3.10 0.00
EMPIRE_CC_1 323656	32.74 0.60 0.00	36.57 0.73 0.00	34.41 0.70 0.00	31.54 0.61 0.00	31.27 0.61 0.00	29.62 0.61 0.00	32.09 0.60 0.00	39.18 0.81 0.00	36.79 0.58 0.00	30.55 0.39 0.00	29.99 0.47 0.00	27.86 0.43 0.00	26.47 0.38 0.00	23.28 0.28 0.00	22.82 0.29 0.00	30.74 0.50 0.00	40.06 0.71 0.00	39.69 1.01 0.00	39.37 1.11 0.00	40.43 0.82 0.00	37.04 0.62 0.00	33.53 0.59 0.00	38.54 0.51 0.00	36.61 0.44 0.00
EMPIRE_CC_2 323658	32.74 0.60 0.00	36.57 0.73 0.00	34.41 0.70 0.00	31.54 0.61 0.00	31.27 0.61 0.00	29.62 0.61 0.00	32.09 0.60 0.00	39.18 0.81 0.00	36.79 0.58 0.00	30.55 0.39 0.00	29.99 0.47 0.00	27.86 0.43 0.00	26.47 0.38 0.00	23.28 0.28 0.00	22.82 0.29 0.00	30.74 0.50 0.00	40.06 0.71 0.00	39.69 1.01 0.00	39.37 1.11 0.00	40.43 0.82 0.00	37.04 0.62 0.00	33.53 0.59 0.00	38.54 0.51 0.00	36.61 0.44 0.00
ENORWICH_115KV_TB1 80156	34.01 1.87 0.00	37.86 2.02 0.00	35.75 2.04 0.00	32.67 1.74 0.00	32.45 1.78 0.00	30.81 1.79 0.00	33.61 2.13 0.00	41.01 2.64 0.00	38.85 2.64 0.00	32.42 2.26 0.00	31.62 2.11 0.00	29.26 1.83 0.00	27.64 1.54 0.00	24.21 1.22 0.00	23.69 1.16 0.00	32.17 1.94 0.00	42.14 2.79 0.00	41.89 3.21 0.00	41.52 3.26 0.00	42.82 3.21 0.00	39.18 2.76 0.00	35.41 2.46 0.00	40.78 2.76 0.00	38.58 2.41 0.00
ERIE_ST__34_KV_TB1-2 80199	31.18 -0.96 0.00	34.79 -1.05 0.00	32.68 -1.03 0.00	29.90 -1.03 0.00	29.62 -1.05 0.00	28.07 -0.94 0.00	30.26 -1.22 0.00	36.07 -2.29 0.00	33.61 -2.60 0.00	28.37 -1.79 0.00	27.63 -1.89 0.00	25.75 -1.68 0.00	24.64 -1.46 0.00	21.75 -1.25 0.00	21.20 -1.33 0.00	28.22 -2.01 0.00	36.33 -3.03 0.00	35.99 -2.69 0.00	35.94 -2.32 0.00	36.52 -3.09 0.00	33.12 -3.30 0.00	30.01 -2.94 0.00	35.18 -2.85 0.00	33.68 -2.49 0.00
ERIE_WT_PWR 323693	30.65 -1.49 0.00	34.21 -1.63 0.00	32.15 -1.56 0.00	29.42 -1.51 0.00	29.13 -1.54 0.00	27.62 -1.39 0.00	29.79 -1.70 0.00	35.41 -2.95 0.00	33.02 -3.19 0.00	27.91 -2.24 0.00	27.20 -2.32 0.00	25.31 -2.12 0.00	24.24 -1.85 0.00	21.40 -1.60 0.00	20.87 -1.67 0.00	27.78 -2.46 0.00	35.66 -3.70 0.00	35.42 -3.26 0.00	35.50 -2.77 0.00	36.03 -3.58 0.00	32.67 -3.75 0.00	29.59 -3.35 0.00	34.72 -3.30 0.00	33.30 -2.88 0.00
ESPRGFLD_115KV_TB1 80157	33.72 1.58 0.00	37.47 1.63 0.00	35.21 1.50 0.00	32.31 1.38 0.00	32.06 1.39 0.00	30.30 1.29 0.00	33.06 1.57 0.00	40.24 1.87 0.00	38.19 1.98 0.00	31.82 1.66 0.00	31.07 1.55 0.00	28.82 1.39 0.00	27.40 1.30 0.00	24.11 1.11 0.00	23.59 1.06 0.00	31.65 1.41 0.00	41.26 1.90 0.00	40.69 2.01 0.00	40.33 2.06 0.00	41.72 2.11 0.00	38.34 1.92 0.00	34.68 1.73 0.00	40.09 2.07 0.00	38.08 1.91 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.40 0.26 0.00	36.08 0.24 0.00	33.94 0.23 0.00	31.14 0.21 0.00	30.90 0.23 0.00	29.27 0.26 0.00	31.81 0.32 0.00	38.69 0.32 0.00	36.54 0.33 0.00	30.51 0.35 0.00	29.80 0.28 0.00	27.67 0.24 0.00	26.25 0.16 0.00	23.04 0.04 0.00	22.51 -0.02 0.00	30.27 0.04 0.00	39.58 0.23 0.00	39.28 0.60 0.00	39.08 0.82 0.00	40.28 0.67 0.00	36.84 0.42 0.00	33.31 0.37 0.00	38.42 0.39 0.00	36.49 0.31 0.00
ETNA____115KV_TB2 80207	32.40 0.26 0.00	36.08 0.24 0.00	33.94 0.23 0.00	31.14 0.21 0.00	30.90 0.23 0.00	29.27 0.26 0.00	31.81 0.32 0.00	38.69 0.32 0.00	36.54 0.33 0.00	30.51 0.35 0.00	29.80 0.28 0.00	27.67 0.24 0.00	26.25 0.16 0.00	23.04 0.04 0.00	22.51 -0.02 0.00	30.27 0.04 0.00	39.58 0.23 0.00	39.28 0.60 0.00	39.08 0.82 0.00	40.28 0.67 0.00	36.84 0.42 0.00	33.31 0.37 0.00	38.42 0.39 0.00	36.49 0.31 0.00
EUCLID__115KV_TB2 356179	31.20 -0.93 0.00	34.78 -1.06 0.00	32.71 -1.00 0.00	30.02 -0.92 0.00	29.76 -0.90 0.00	28.18 -0.83 0.00	30.59 -0.89 0.00	37.15 -1.22 0.00	35.04 -1.18 0.00	29.23 -0.93 0.00	28.59 -0.92 0.00	26.56 -0.86 0.00	25.26 -0.83 0.00	22.26 -0.74 0.00	21.81 -0.73 0.00	29.20 -1.03 0.00	38.06 -1.30 0.00	37.62 -1.06 0.00	37.38 -0.89 0.00	38.52 -1.09 0.00	35.29 -1.13 0.00	31.91 -1.03 0.00	36.89 -1.14 0.00	35.14 -1.03 0.00
E_CANADA_CAP_HY 24051	33.99 1.85 0.00	37.79 1.94 0.00	35.49 1.78 0.00	32.57 1.64 0.00	32.31 1.64 0.00	30.50 1.49 0.00	33.27 1.79 0.00	40.50 2.13 0.00	38.45 2.24 0.00	31.92 1.76 0.00	31.11 1.59 0.00	28.80 1.37 0.00	27.39 1.29 0.00	24.11 1.12 0.00	23.64 1.11 0.00	31.78 1.55 0.00	41.49 2.13 0.00	40.88 2.20 0.00	40.45 2.19 0.00	41.88 2.28 0.00	38.52 2.10 0.00	34.88 1.94 0.00	40.37 2.35 0.00	38.39 2.22 0.00
E_CANADA_MHWK_HY 24050	32.06 -0.08 0.00	35.82 -0.02 0.00	33.69 -0.02 0.00	30.94 0.01 0.00	30.69 0.03 0.00	29.10 0.08 0.00	31.60 0.12 0.00	38.72 0.35 0.00	36.30 0.09 0.00	30.00 -0.15 0.00	29.30 -0.22 0.00	27.13 -0.30 0.00	25.66 -0.43 0.00	22.54 -0.46 0.00	22.08 -0.45 0.00	30.09 -0.14 0.00	39.49 0.14 0.00	39.45 0.78 0.00	39.28 1.02 0.00	40.39 0.79 0.00	36.86 0.44 0.00	33.35 0.40 0.00	38.18 0.16 0.00	36.06 -0.11 0.00
E_FISHKILL__LBMP 23776	33.27 1.14 0.00	37.05 1.21 0.00	34.82 1.11 0.00	31.91 0.98 0.00	31.68 1.01 0.00	30.04 1.03 0.00	32.71 1.23 0.00	39.93 1.56 0.00	37.66 1.45 0.00	31.27 1.11 0.00	30.69 1.18 0.00	28.62 1.19 0.00	27.16 1.07 0.00	23.88 0.88 0.00	23.32 0.79 0.00	31.35 1.11 0.00	40.81 1.46 0.00	40.50 1.82 0.00	40.29 2.03 0.00	41.48 1.88 0.00	38.02 1.60 0.00	34.41 1.47 0.00	39.50 1.47 0.00	37.35 1.18 0.00
FALCON__SEABRD_CC1 323796	34.25 2.11 0.00	37.96 2.12 0.00	35.79 2.08 0.00	32.77 1.84 0.00	32.32 1.65 0.00	30.36 1.35 0.00	32.68 1.19 0.00	39.96 1.59 0.00	37.74 1.53 0.00	31.57 1.41 0.00	30.90 1.38 0.00	28.64 1.21 0.00	27.29 1.19 0.00	24.14 1.14 0.00	23.82 1.28 0.00	32.07 1.83 0.00	41.37 2.02 0.00	40.42 1.74 0.00	39.70 1.44 0.00	41.08 1.48 0.00	37.88 1.45 0.00	34.30 1.36 0.00	39.66 1.64 0.00	38.34 2.17 0.00
FALCON__SEABRD_CC2 323797	34.25 2.11 0.00	37.96 2.12 0.00	35.79 2.08 0.00	32.77 1.84 0.00	32.32 1.65 0.00	30.36 1.35 0.00	32.68 1.19 0.00	39.96 1.59 0.00	37.74 1.53 0.00	31.57 1.41 0.00	30.90 1.38 0.00	28.64 1.21 0.00	27.29 1.19 0.00	24.14 1.14 0.00	23.82 1.28 0.00	32.07 1.83 0.00	41.37 2.02 0.00	40.42 1.74 0.00	39.70 1.44 0.00	41.08 1.48 0.00	37.88 1.45 0.00	34.30 1.36 0.00	39.66 1.64 0.00	38.34 2.17 0.00

FAR ROCKAWAY___4 23548	34.31 2.17 0.00	38.18 2.34 0.00	35.82 2.11 0.00	32.77 1.84 0.00	32.55 1.89 0.00	30.94 1.93 0.00	33.67 2.19 0.00	41.12 2.75 0.00	38.77 2.56 0.00	32.09 1.93 0.00	31.63 2.11 0.00	29.59 2.17 0.00	28.06 1.97 0.00	24.69 1.69 0.00	24.00 1.47 0.00	32.20 1.97 0.00	42.08 2.73 0.00	41.82 3.14 0.00	41.59 3.33 0.00	42.96 3.35 0.00	39.37 2.95 0.00	35.63 2.69 0.00	40.80 2.78 0.00	38.53 2.36 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.48 1.35 0.00	37.25 1.41 0.00	35.05 1.34 0.00	32.11 1.18 0.00	31.88 1.21 0.00	30.28 1.27 0.00	33.03 1.54 0.00	40.24 1.87 0.00	38.01 1.79 0.00	31.63 1.48 0.00	31.03 1.52 0.00	29.00 1.57 0.00	27.55 1.46 0.00	24.24 1.24 0.00	23.65 1.12 0.00	31.70 1.47 0.00	41.14 1.79 0.00	40.89 2.21 0.00	40.73 2.47 0.00	41.94 2.34 0.00	38.48 2.05 0.00	34.83 1.89 0.00	39.92 1.89 0.00	37.70 1.53 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.50 1.36 0.00	37.28 1.44 0.00	35.07 1.36 0.00	32.13 1.20 0.00	31.89 1.23 0.00	30.30 1.29 0.00	33.06 1.57 0.00	40.27 1.90 0.00	38.02 1.81 0.00	31.65 1.49 0.00	31.05 1.53 0.00	29.01 1.59 0.00	27.57 1.47 0.00	24.25 1.25 0.00	23.66 1.13 0.00	31.72 1.48 0.00	41.17 1.81 0.00	40.93 2.24 0.00	40.76 2.49 0.00	41.97 2.37 0.00	38.51 2.08 0.00	34.86 1.91 0.00	39.95 1.92 0.00	37.73 1.56 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.47 1.33 0.00	37.24 1.40 0.00	35.04 1.33 0.00	32.10 1.17 0.00	31.86 1.19 0.00	30.27 1.26 0.00	33.03 1.54 0.00	40.23 1.86 0.00	37.98 1.77 0.00	31.61 1.45 0.00	31.01 1.49 0.00	28.98 1.55 0.00	27.54 1.44 0.00	24.23 1.23 0.00	23.64 1.10 0.00	31.68 1.44 0.00	41.12 1.76 0.00	40.87 2.19 0.00	40.71 2.44 0.00	41.91 2.30 0.00	38.46 2.03 0.00	34.81 1.86 0.00	39.90 1.87 0.00	37.68 1.51 0.00
FARRAGUT___LBMP 323566	33.45 1.31 0.00	37.22 1.37 0.00	35.02 1.30 0.00	32.08 1.15 0.00	31.85 1.18 0.00	30.25 1.23 0.00	33.00 1.51 0.00	40.20 1.83 0.00	37.97 1.75 0.00	31.60 1.44 0.00	31.00 1.48 0.00	28.96 1.53 0.00	27.52 1.42 0.00	24.21 1.21 0.00	23.62 1.09 0.00	31.66 1.42 0.00	41.09 1.74 0.00	40.84 2.16 0.00	40.68 2.41 0.00	41.89 2.29 0.00	38.43 2.00 0.00	34.79 1.85 0.00	39.87 1.84 0.00	37.66 1.49 0.00
FENNER___WINDPWR 24204	32.49 0.35 0.00	36.21 0.37 0.00	34.04 0.33 0.00	31.26 0.32 0.00	31.01 0.34 0.00	29.35 0.34 0.00	31.89 0.41 0.00	38.86 0.49 0.00	36.71 0.50 0.00	30.59 0.44 0.00	29.86 0.35 0.00	27.67 0.24 0.00	26.30 0.20 0.00	23.12 0.12 0.00	22.64 0.10 0.00	30.47 0.24 0.00	39.75 0.39 0.00	39.39 0.71 0.00	39.10 0.84 0.00	40.33 0.73 0.00	36.96 0.54 0.00	33.40 0.46 0.00	38.52 0.49 0.00	36.59 0.42 0.00
FIBERTEK___ENERGY 23856	31.60 -0.54 0.00	35.21 -0.63 0.00	33.11 -0.59 0.00	30.39 -0.54 0.00	30.13 -0.54 0.00	28.54 -0.47 0.00	30.99 -0.50 0.00	37.65 -0.72 0.00	35.50 -0.71 0.00	29.64 -0.52 0.00	28.98 -0.53 0.00	26.95 -0.48 0.00	25.61 -0.49 0.00	22.55 -0.45 0.00	22.09 -0.45 0.00	29.60 -0.63 0.00	38.59 -0.77 0.00	38.16 -0.52 0.00	37.89 -0.37 0.00	39.06 -0.54 0.00	35.79 -0.63 0.00	32.35 -0.59 0.00	37.39 -0.63 0.00	35.59 -0.58 0.00
FITZPATRICK___ 23598	30.80 -1.34 0.00	34.33 -1.51 0.00	32.29 -1.42 0.00	29.63 -1.30 0.00	29.38 -1.29 0.00	27.81 -1.21 0.00	30.18 -1.30 0.00	36.69 -1.67 0.00	34.61 -1.60 0.00	28.87 -1.29 0.00	28.24 -1.28 0.00	26.23 -1.20 0.00	24.96 -1.14 0.00	22.01 -0.99 0.00	21.56 -0.97 0.00	28.86 -1.38 0.00	37.59 -1.77 0.00	37.13 -1.56 0.00	36.83 -1.44 0.00	37.99 -1.62 0.00	34.85 -1.57 0.00	31.51 -1.43 0.00	36.46 -1.57 0.00	34.75 -1.42 0.00
FLOWRFLD_69_KV_BK1 356044	34.36 2.22 0.00	38.25 2.41 0.00	35.89 2.18 0.00	32.76 1.83 0.00	32.56 1.90 0.00	31.00 1.99 0.00	33.70 2.22 0.00	41.26 2.90 0.00	38.90 2.68 0.00	32.03 1.87 0.00	31.56 2.05 0.00	29.51 2.08 0.00	27.93 1.84 0.00	24.64 1.64 0.00	23.90 1.37 0.00	32.10 1.87 0.00	42.19 2.83 0.00	41.91 3.23 0.00	41.64 3.38 0.00	43.11 3.50 0.00	39.48 3.06 0.00	35.72 2.78 0.00	40.90 2.87 0.00	38.62 2.45 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.68 1.54 0.00	37.49 1.65 0.00	35.22 1.51 0.00	32.28 1.35 0.00	32.06 1.39 0.00	30.41 1.40 0.00	33.14 1.65 0.00	40.45 2.08 0.00	38.14 1.93 0.00	31.64 1.48 0.00	31.03 1.51 0.00	28.92 1.49 0.00	27.45 1.35 0.00	24.12 1.13 0.00	23.58 1.05 0.00	31.73 1.49 0.00	41.37 2.01 0.00	41.08 2.41 0.00	40.87 2.60 0.00	42.07 2.47 0.00	38.54 2.12 0.00	34.87 1.93 0.00	40.01 1.98 0.00	37.82 1.65 0.00
FORT ORANGE___ 23900	32.66 0.53 0.00	36.46 0.61 0.00	34.30 0.59 0.00	31.48 0.54 0.00	31.20 0.54 0.00	29.55 0.54 0.00	32.06 0.57 0.00	39.15 0.78 0.00	36.80 0.59 0.00	30.51 0.35 0.00	29.88 0.37 0.00	27.78 0.35 0.00	26.38 0.29 0.00	23.22 0.22 0.00	22.76 0.22 0.00	30.63 0.40 0.00	40.08 0.72 0.00	39.76 1.08 0.00	39.44 1.18 0.00	40.56 0.96 0.00	37.16 0.74 0.00	33.62 0.68 0.00	38.64 0.61 0.00	36.63 0.46 0.00
FORT_DRUM_COGEN 23780	31.97 -0.17 0.00	35.59 -0.26 0.00	33.52 -0.20 0.00	30.85 -0.08 0.00	30.60 -0.06 0.00	28.90 -0.11 0.00	31.37 -0.12 0.00	38.37 0.00 0.00	36.32 0.11 0.00	30.11 -0.05 0.00	29.11 -0.40 0.00	26.83 -0.60 0.00	25.50 -0.60 0.00	22.66 -0.34 0.00	22.15 -0.38 0.00	29.69 -0.54 0.00	39.32 -0.04 0.00	39.16 0.48 0.00	38.83 0.57 0.00	40.10 0.50 0.00	36.78 0.36 0.00	33.19 0.25 0.00	38.34 0.32 0.00	36.43 0.26 0.00
FOX_HILLS___ESR 323835	33.56 1.42 0.00	37.39 1.55 0.00	35.35 1.64 -0.01	32.44 1.50 -0.01	32.19 1.52 0.00	30.58 1.56 -0.01	33.22 1.73 0.00	40.37 2.01 0.00	38.13 1.92 0.00	31.74 1.59 0.00	31.11 1.60 0.00	29.08 1.65 0.00	27.63 1.53 0.00	24.31 1.31 0.00	23.72 1.18 0.00	31.77 1.53 0.00	41.20 1.85 0.00	40.93 2.25 0.00	40.79 2.54 0.00	42.03 2.43 0.00	38.59 2.17 0.00	34.94 1.99 -0.01	84.54 1.95 -44.56	37.82 1.65 0.00
FPL_FAR_ROCK_GT1 24212	34.31 2.17 0.00	38.18 2.34 0.00	35.82 2.11 0.00	32.77 1.84 0.00	32.55 1.89 0.00	30.94 1.93 0.00	33.67 2.18 0.00	41.12 2.75 0.00	38.77 2.56 0.00	32.09 1.93 0.00	31.63 2.12 0.00	29.59 2.16 0.00	28.06 1.97 0.00	24.69 1.69 0.00	24.00 1.47 0.00	32.20 1.97 0.00	42.08 2.72 0.00	41.82 3.14 0.00	41.59 3.33 0.00	42.96 3.35 0.00	39.37 2.95 0.00	35.63 2.69 0.00	40.80 2.77 0.00	38.52 2.35 0.00
FPL_FAR_ROCK_GT2 23815	34.31 2.17 0.00	38.18 2.34 0.00	35.82 2.11 0.00	32.77 1.84 0.00	32.55 1.89 0.00	30.94 1.93 0.00	33.67 2.18 0.00	41.12 2.75 0.00	38.77 2.56 0.00	32.09 1.93 0.00	31.63 2.12 0.00	29.59 2.16 0.00	28.06 1.97 0.00	24.69 1.69 0.00	24.00 1.47 0.00	32.20 1.97 0.00	42.08 2.72 0.00	41.82 3.14 0.00	41.59 3.33 0.00	42.96 3.35 0.00	39.37 2.95 0.00	35.63 2.69 0.00	40.80 2.77 0.00	38.52 2.35 0.00

FRANKLIN_FALL_HYD 24054	33.89 1.75 0.00	37.71 1.87 0.00	35.52 1.80 0.00	32.54 1.61 0.00	32.16 1.49 0.00	30.27 1.26 0.00	32.68 1.19 0.00	39.98 1.62 0.00	37.91 1.69 0.00	31.64 1.48 0.00	30.90 1.38 0.00	28.63 1.20 0.00	27.32 1.23 0.00	24.21 1.21 0.00	23.83 1.29 0.00	31.99 1.75 0.00	41.45 2.10 0.00	40.39 1.71 0.00	39.60 1.33 0.00	41.12 1.52 0.00	37.97 1.55 0.00	34.34 1.39 0.00	39.78 1.75 0.00	38.19 2.02 0.00
FREEPORT_EQUS_GT1 23764	34.10 1.96 0.00	37.95 2.11 0.00	35.61 1.90 0.00	32.55 1.62 0.00	32.35 1.68 0.00	30.76 1.75 0.00	33.47 1.98 0.00	40.90 2.53 0.00	38.57 2.36 0.00	31.88 1.73 0.00	31.40 1.89 0.00	29.38 1.95 0.00	27.85 1.76 0.00	24.53 1.53 0.00	23.83 1.30 0.00	31.96 1.73 0.00	41.84 2.48 0.00	41.58 2.90 0.00	41.37 3.11 0.00	42.72 3.11 0.00	39.15 2.73 0.00	35.43 2.49 0.00	40.59 2.56 0.00	38.33 2.16 0.00
FREEPORT___CT2 23818	34.10 1.96 0.00	37.95 2.11 0.00	35.61 1.90 0.00	32.55 1.62 0.00	32.35 1.68 0.00	30.76 1.75 0.00	33.47 1.98 0.00	40.90 2.53 0.00	38.57 2.36 0.00	31.88 1.73 0.00	31.40 1.89 0.00	29.38 1.95 0.00	27.85 1.76 0.00	24.53 1.53 0.00	23.83 1.30 0.00	31.96 1.73 0.00	41.84 2.48 0.00	41.58 2.90 0.00	41.37 3.11 0.00	42.72 3.11 0.00	39.15 2.73 0.00	35.43 2.49 0.00	40.59 2.56 0.00	38.33 2.16 0.00
FRESHKLS_33_KV_LOAD 356253	33.52 1.38 0.00	37.35 1.51 0.00	35.42 1.70 -0.01	32.52 1.58 -0.01	32.27 1.60 0.00	30.66 1.64 -0.01	33.25 1.76 0.00	40.34 1.98 0.00	38.10 1.89 0.00	31.70 1.54 0.00	31.06 1.54 0.00	29.01 1.59 0.00	27.56 1.47 0.00	24.27 1.27 0.00	23.68 1.14 0.00	31.71 1.48 0.00	41.13 1.78 0.00	40.89 2.20 0.00	40.77 2.51 0.00	42.02 2.41 0.00	38.58 2.16 0.00	34.92 1.97 -0.01	84.46 1.88 -44.56	37.78 1.61 0.00
FULTON COGEN____ 23766	31.08 -1.06 0.00	34.64 -1.20 0.00	32.58 -1.14 0.00	29.88 -1.05 0.00	29.66 -1.01 0.00	28.07 -0.94 0.00	30.47 -1.02 0.00	37.07 -1.29 0.00	34.95 -1.26 0.00	29.16 -1.00 0.00	28.51 -1.01 0.00	26.49 -0.94 0.00	25.18 -0.92 0.00	22.18 -0.82 0.00	21.73 -0.80 0.00	29.10 -1.14 0.00	37.99 -1.37 0.00	37.56 -1.12 0.00	37.31 -0.96 0.00	38.45 -1.15 0.00	35.21 -1.21 0.00	31.83 -1.11 0.00	36.80 -1.23 0.00	35.05 -1.12 0.00
FULTON___LFGE 323630	35.28 3.15 0.00	39.24 3.40 0.00	36.84 3.13 0.00	33.80 2.87 0.00	33.53 2.86 0.00	31.72 2.70 0.00	34.66 3.17 0.00	42.34 3.98 0.00	39.96 3.75 0.00	32.57 2.42 0.00	31.45 1.93 0.00	28.87 1.45 0.00	27.06 0.97 0.00	23.88 0.89 0.00	23.56 1.03 0.00	32.68 2.44 0.00	43.20 3.85 0.00	43.09 4.42 0.00	42.71 4.45 0.00	44.08 4.47 0.00	40.38 3.96 0.00	36.44 3.49 0.00	42.02 4.00 0.00	39.77 3.60 0.00
G.F.CEMENT___DRP 24184	33.62 1.48 0.00	37.46 1.62 0.00	35.26 1.55 0.00	32.35 1.42 0.00	31.97 1.30 0.00	30.34 1.33 0.00	33.07 1.58 0.00	40.60 2.24 0.00	38.10 1.89 0.00	31.39 1.24 0.00	30.67 1.15 0.00	28.40 0.97 0.00	26.88 0.79 0.00	23.63 0.63 0.00	23.31 0.77 0.00	31.78 1.54 0.00	41.66 2.31 0.00	41.24 2.56 0.00	40.88 2.62 0.00	42.10 2.50 0.00	38.40 1.98 0.00	34.76 1.82 0.00	39.80 1.78 0.00	37.69 1.52 0.00
GARDENVILLE___LBMP 24039	30.53 -1.61 0.00	34.07 -1.77 0.00	32.02 -1.69 0.00	29.29 -1.64 0.00	29.01 -1.66 0.00	27.51 -1.50 0.00	29.65 -1.83 0.00	35.24 -3.12 0.00	32.89 -3.32 0.00	27.81 -2.35 0.00	27.08 -2.43 0.00	25.21 -2.22 0.00	24.16 -1.93 0.00	21.33 -1.67 0.00	20.79 -1.75 0.00	27.64 -2.59 0.00	35.53 -3.82 0.00	35.29 -3.38 0.00	35.37 -2.89 0.00	35.90 -3.70 0.00	32.56 -3.86 0.00	29.48 -3.46 0.00	34.61 -3.41 0.00	33.21 -2.97 0.00
GARDNVLA_35_KV_LD 355827	30.67 -1.47 0.00	34.22 -1.62 0.00	32.17 -1.54 0.00	29.42 -1.51 0.00	29.14 -1.53 0.00	27.63 -1.38 0.00	29.79 -1.69 0.00	35.41 -2.95 0.00	33.04 -3.18 0.00	27.94 -2.22 0.00	27.22 -2.30 0.00	25.32 -2.11 0.00	24.27 -1.83 0.00	21.42 -1.58 0.00	20.88 -1.66 0.00	27.77 -2.47 0.00	35.71 -3.65 0.00	35.45 -3.23 0.00	35.53 -2.73 0.00	36.06 -3.54 0.00	32.70 -3.73 0.00	29.60 -3.34 0.00	34.75 -3.28 0.00	33.32 -2.85 0.00
GELCKHM___115KV_LOAD 80723	31.36 -0.78 0.00	34.95 -0.90 0.00	32.86 -0.85 0.00	30.16 -0.77 0.00	29.91 -0.76 0.00	28.33 -0.69 0.00	30.75 -0.74 0.00	37.35 -1.02 0.00	35.22 -0.99 0.00	29.40 -0.76 0.00	28.74 -0.77 0.00	26.72 -0.71 0.00	25.40 -0.70 0.00	22.39 -0.61 0.00	21.92 -0.61 0.00	29.36 -0.87 0.00	38.27 -1.09 0.00	37.83 -0.85 0.00	37.58 -0.69 0.00	38.74 -0.87 0.00	35.50 -0.93 0.00	32.09 -0.85 0.00	37.09 -0.94 0.00	35.33 -0.84 0.00
GENERAL___MILLS 23808	30.63 -1.51 0.00	34.18 -1.66 0.00	32.13 -1.58 0.00	29.39 -1.54 0.00	29.11 -1.56 0.00	27.61 -1.41 0.00	29.76 -1.73 0.00	35.37 -2.99 0.00	33.00 -3.21 0.00	27.90 -2.26 0.00	27.17 -2.34 0.00	25.29 -2.14 0.00	24.24 -1.86 0.00	21.40 -1.60 0.00	20.85 -1.68 0.00	27.73 -2.51 0.00	35.65 -3.71 0.00	35.41 -3.28 0.00	35.48 -2.79 0.00	36.00 -3.61 0.00	32.64 -3.78 0.00	29.56 -3.38 0.00	34.71 -3.32 0.00	33.28 -2.89 0.00
GE_PLASTICS___DRP 24183	32.60 0.46 0.00	36.36 0.52 0.00	34.22 0.51 0.00	31.41 0.48 0.00	31.15 0.48 0.00	29.48 0.47 0.00	31.99 0.51 0.00	39.04 0.67 0.00	36.73 0.52 0.00	30.50 0.34 0.00	29.90 0.38 0.00	27.80 0.37 0.00	26.41 0.32 0.00	23.24 0.25 0.00	22.77 0.23 0.00	30.63 0.39 0.00	39.98 0.63 0.00	39.59 0.91 0.00	39.27 1.01 0.00	40.42 0.81 0.00	37.04 0.62 0.00	33.52 0.58 0.00	38.55 0.52 0.00	36.57 0.39 0.00
GILBOA___1 23756	32.72 0.58 0.00	36.49 0.64 0.00	34.32 0.61 0.00	31.58 0.65 0.00	31.33 0.66 0.00	29.58 0.57 0.00	32.12 0.63 0.00	39.19 0.82 0.00	36.93 0.72 0.00	30.70 0.54 0.00	30.08 0.57 0.00	27.99 0.56 0.00	26.59 0.49 0.00	23.39 0.39 0.00	22.89 0.36 0.00	30.77 0.54 0.00	40.11 0.75 0.00	39.67 0.99 0.00	39.38 1.12 0.00	40.61 1.00 0.00	37.22 0.80 0.00	33.69 0.75 0.00	38.75 0.72 0.00	36.74 0.57 0.00
GILBOA___2 23757	32.72 0.58 0.00	36.49 0.64 0.00	34.32 0.61 0.00	31.58 0.65 0.00	31.33 0.66 0.00	29.58 0.57 0.00	32.12 0.63 0.00	39.19 0.82 0.00	36.93 0.72 0.00	30.70 0.54 0.00	30.08 0.57 0.00	27.99 0.56 0.00	26.59 0.49 0.00	23.39 0.39 0.00	22.89 0.36 0.00	30.77 0.54 0.00	40.11 0.75 0.00	39.67 0.99 0.00	39.38 1.12 0.00	40.61 1.00 0.00	37.22 0.80 0.00	33.69 0.75 0.00	38.75 0.72 0.00	36.74 0.57 0.00
GILBOA___3 23758	32.72 0.58 0.00	36.49 0.64 0.00	34.32 0.61 0.00	31.58 0.65 0.00	31.33 0.66 0.00	29.58 0.57 0.00	32.12 0.63 0.00	39.19 0.82 0.00	36.93 0.72 0.00	30.70 0.54 0.00	30.08 0.57 0.00	27.99 0.56 0.00	26.59 0.49 0.00	23.39 0.39 0.00	22.89 0.36 0.00	30.77 0.54 0.00	40.11 0.75 0.00	39.67 0.99 0.00	39.38 1.12 0.00	40.61 1.00 0.00	37.22 0.80 0.00	33.69 0.75 0.00	38.75 0.72 0.00	36.74 0.57 0.00

GILBOA___4 23759	32.72 0.58 0.00	36.49 0.64 0.00	34.32 0.61 0.00	31.58 0.65 0.00	31.33 0.66 0.00	29.58 0.57 0.00	32.12 0.63 0.00	39.19 0.82 0.00	36.93 0.72 0.00	30.70 0.54 0.00	30.08 0.57 0.00	27.99 0.56 0.00	26.59 0.49 0.00	23.39 0.39 0.00	22.89 0.36 0.00	30.77 0.54 0.00	40.11 0.75 0.00	39.67 0.99 0.00	39.38 1.12 0.00	40.61 1.00 0.00	37.22 0.80 0.00	33.69 0.75 0.00	38.75 0.72 0.00	36.74 0.57 0.00
GILBOA____ 23599	32.72 0.58 0.00	36.49 0.64 0.00	34.32 0.61 0.00	31.58 0.65 0.00	31.33 0.66 0.00	29.58 0.57 0.00	32.12 0.63 0.00	39.19 0.82 0.00	36.93 0.72 0.00	30.70 0.54 0.00	30.08 0.57 0.00	27.99 0.56 0.00	26.59 0.49 0.00	23.39 0.39 0.00	22.89 0.36 0.00	30.77 0.54 0.00	40.11 0.75 0.00	39.67 0.99 0.00	39.38 1.12 0.00	40.60 1.00 0.00	37.22 0.80 0.00	33.69 0.75 0.00	38.75 0.72 0.00	36.74 0.57 0.00
GINNA____ 23603	29.53 -2.60 0.00	32.94 -2.90 0.00	30.96 -2.75 0.00	28.37 -2.56 0.00	28.11 -2.56 0.00	26.68 -2.34 0.00	28.92 -2.57 0.00	34.83 -3.54 0.00	32.76 -3.45 0.00	27.52 -2.64 0.00	26.87 -2.64 0.00	24.95 -2.48 0.00	23.71 -2.39 0.00	20.90 -2.10 0.00	20.42 -2.11 0.00	27.29 -2.94 0.00	35.54 -3.82 0.00	35.29 -3.39 0.00	35.23 -3.03 0.00	36.06 -3.54 0.00	32.87 -3.55 0.00	29.71 -3.23 0.00	34.55 -3.47 0.00	32.98 -3.19 0.00
GLEN PARK____ 23778	32.00 -0.14 0.00	35.59 -0.25 0.00	33.53 -0.18 0.00	30.87 -0.06 0.00	30.62 -0.05 0.00	28.93 -0.08 0.00	31.42 -0.06 0.00	38.44 0.07 0.00	36.37 0.16 0.00	30.11 -0.05 0.00	29.07 -0.45 0.00	26.76 -0.67 0.00	25.44 -0.66 0.00	22.64 -0.36 0.00	22.10 -0.43 0.00	29.62 -0.61 0.00	39.35 -0.01 0.00	39.25 0.57 0.00	38.96 0.70 0.00	40.22 0.61 0.00	36.88 0.46 0.00	33.26 0.32 0.00	38.42 0.40 0.00	36.49 0.32 0.00
GLENDALE_27_KV_LOAD 356172	33.60 1.46 0.00	37.42 1.57 0.00	35.23 1.51 0.00	32.28 1.35 0.00	32.04 1.37 0.00	30.45 1.43 0.00	33.19 1.70 0.00	40.43 2.06 0.00	38.19 1.98 0.00	31.79 1.63 0.00	31.18 1.67 0.00	29.15 1.72 0.00	27.69 1.59 0.00	24.36 1.36 0.00	23.76 1.23 0.00	31.85 1.61 0.00	41.33 1.97 0.00	41.07 2.39 0.00	40.91 2.65 0.00	42.13 2.53 0.00	38.67 2.24 0.00	34.99 2.05 0.00	40.09 2.06 0.00	37.87 1.70 0.00
GLENWOOD_IC_1_G5 23712	34.05 1.91 0.00	37.89 2.05 0.00	35.56 1.85 0.00	32.51 1.58 0.00	32.31 1.64 0.00	30.71 1.70 0.00	33.44 1.95 0.00	40.86 2.49 0.00	38.54 2.33 0.00	31.91 1.75 0.00	31.39 1.87 0.00	29.40 1.97 0.00	27.88 1.78 0.00	24.55 1.55 0.00	23.86 1.33 0.00	32.00 1.76 0.00	41.81 2.46 0.00	41.26 2.58 0.00	41.04 2.78 0.00	42.37 2.76 0.00	38.85 2.44 0.00	35.29 2.35 0.00	40.57 2.54 0.00	38.32 2.15 0.00
GLENWOOD_IC_2_G1 23688	33.95 1.82 0.00	37.79 1.95 0.00	35.47 1.75 0.00	32.44 1.51 0.00	32.22 1.56 0.00	30.63 1.61 0.00	33.34 1.85 0.00	40.74 2.37 0.00	38.43 2.22 0.00	31.82 1.66 0.00	31.29 1.78 0.00	29.30 1.87 0.00	27.79 1.70 0.00	24.47 1.47 0.00	23.79 1.26 0.00	31.90 1.67 0.00	41.70 2.35 0.00	41.34 2.67 0.00	41.14 2.88 0.00	42.45 2.85 0.00	38.92 2.50 0.00	35.26 2.32 0.00	40.43 2.40 0.00	38.20 2.03 0.00
GLENWOOD_IC_3_G1 23689	33.95 1.82 0.00	37.79 1.95 0.00	35.47 1.75 0.00	32.44 1.51 0.00	32.22 1.56 0.00	30.63 1.61 0.00	33.34 1.85 0.00	40.74 2.37 0.00	38.43 2.22 0.00	31.82 1.66 0.00	31.29 1.78 0.00	29.30 1.87 0.00	27.79 1.70 0.00	24.47 1.47 0.00	23.79 1.26 0.00	31.90 1.67 0.00	41.70 2.35 0.00	41.34 2.67 0.00	41.14 2.88 0.00	42.45 2.85 0.00	38.92 2.50 0.00	35.26 2.32 0.00	40.43 2.40 0.00	38.20 2.03 0.00
GLENWOOD___4 23550	34.05 1.91 0.00	37.89 2.05 0.00	35.56 1.85 0.00	32.51 1.58 0.00	32.31 1.64 0.00	30.71 1.70 0.00	33.44 1.95 0.00	40.86 2.49 0.00	38.54 2.33 0.00	31.91 1.75 0.00	31.39 1.87 0.00	29.40 1.97 0.00	27.88 1.78 0.00	24.55 1.55 0.00	23.86 1.33 0.00	32.00 1.76 0.00	41.82 2.47 0.00	41.36 2.68 0.00	41.14 2.88 0.00	42.47 2.87 0.00	38.95 2.52 0.00	35.32 2.38 0.00	40.57 2.54 0.00	38.32 2.15 0.00
GLENWOOD___5 23614	34.05 1.91 0.00	37.89 2.05 0.00	35.56 1.85 0.00	32.51 1.58 0.00	32.31 1.64 0.00	30.71 1.70 0.00	33.44 1.95 0.00	40.86 2.49 0.00	38.54 2.33 0.00	31.91 1.75 0.00	31.39 1.87 0.00	29.40 1.97 0.00	27.88 1.78 0.00	24.55 1.55 0.00	23.86 1.33 0.00	32.00 1.76 0.00	41.82 2.47 0.00	41.36 2.68 0.00	41.14 2.88 0.00	42.47 2.87 0.00	38.95 2.52 0.00	35.32 2.38 0.00	40.57 2.54 0.00	38.32 2.15 0.00
GLOBAL GREEN_PORT_GT1 23814	34.81 2.67 0.00	38.73 2.89 0.00	36.36 2.65 0.00	33.16 2.23 0.00	32.96 2.29 0.00	31.50 2.49 0.00	34.27 2.78 0.00	42.01 3.64 0.00	39.52 3.31 0.00	32.44 2.28 0.00	31.96 2.45 0.00	29.89 2.46 0.00	28.22 2.13 0.00	24.96 1.96 0.00	24.30 1.77 0.00	32.76 2.52 0.00	43.30 3.94 0.00	42.78 4.10 0.00	42.34 4.08 0.00	44.01 4.40 0.00	40.18 3.76 0.00	36.39 3.45 0.00	41.72 3.69 0.00	39.29 3.11 0.00
GLOBE___DSASP 323697	29.35 -2.79 0.00	32.79 -3.05 0.00	30.81 -2.90 0.00	28.17 -2.77 0.00	27.88 -2.79 0.00	26.47 -2.54 0.00	28.49 -3.00 0.00	33.51 -4.86 0.00	31.25 -4.96 0.00	26.46 -3.70 0.00	25.77 -3.75 0.00	23.94 -3.49 0.00	22.98 -3.12 0.00	20.32 -2.68 0.00	19.82 -2.72 0.00	26.27 -3.96 0.00	33.71 -5.64 0.00	33.54 -5.14 0.00	33.67 -4.59 0.00	34.07 -5.54 0.00	30.89 -5.54 0.00	27.99 -4.96 0.00	33.01 -5.02 0.00	31.96 -4.21 0.00
GOETHSLN___LBMP 323567	33.31 1.17 0.00	37.06 1.22 0.00	34.85 1.14 0.00	31.91 0.98 0.00	31.68 1.01 0.00	30.09 1.08 0.00	32.85 1.37 0.00	40.03 1.67 0.00	37.81 1.60 0.00	31.46 1.30 0.00	30.85 1.33 0.00	28.84 1.41 0.00	27.41 1.31 0.00	24.12 1.12 0.00	23.53 0.99 0.00	31.52 1.29 0.00	40.88 1.53 0.00	40.65 1.97 0.00	40.49 2.23 0.00	41.70 2.09 0.00	38.26 1.84 0.00	34.63 1.69 0.00	39.72 1.69 0.00	37.50 1.33 0.00
GOLAH___69_KV_TB 1_2 80279	30.94 -1.21 0.00	34.53 -1.32 0.00	32.44 -1.27 0.00	29.71 -1.23 0.00	29.43 -1.24 0.00	27.92 -1.09 0.00	30.21 -1.28 0.00	36.23 -2.14 0.00	34.02 -2.19 0.00	28.64 -1.52 0.00	27.93 -1.59 0.00	25.93 -1.50 0.00	24.69 -1.41 0.00	21.75 -1.25 0.00	21.22 -1.31 0.00	28.31 -1.93 0.00	36.76 -2.59 0.00	36.61 -2.07 0.00	36.65 -1.61 0.00	37.39 -2.21 0.00	34.03 -2.39 0.00	30.78 -2.17 0.00	35.91 -2.12 0.00	34.33 -1.85 0.00
GOODYEAR_LAKE_HYD 323669	33.26 1.12 0.00	37.03 1.19 0.00	34.82 1.10 0.00	31.95 1.02 0.00	31.70 1.03 0.00	29.99 0.98 0.00	32.67 1.18 0.00	39.83 1.46 0.00	37.68 1.46 0.00	31.41 1.25 0.00	30.71 1.20 0.00	28.54 1.11 0.00	27.11 1.02 0.00	23.85 0.85 0.00	23.32 0.78 0.00	31.32 1.08 0.00	40.83 1.47 0.00	40.36 1.69 0.00	40.06 1.80 0.00	41.36 1.76 0.00	37.94 1.52 0.00	34.31 1.37 0.00	39.55 1.52 0.00	37.51 1.33 0.00

GOUDEY___7 345031	31.98 -0.16 0.00	35.60 -0.24 0.00	33.51 -0.20 0.00	30.76 -0.18 0.00	30.54 -0.12 0.00	28.87 -0.14 0.00	31.32 -0.17 0.00	38.13 -0.24 0.00	35.95 -0.26 0.00	30.02 -0.14 0.00	29.34 -0.18 0.00	27.30 -0.13 0.00	26.01 -0.09 0.00	22.86 -0.14 0.00	22.32 -0.21 0.00	29.99 -0.25 0.00	39.04 -0.31 0.00	38.62 -0.06 0.00	38.45 0.19 0.00	39.66 0.05 0.00	36.26 -0.17 0.00	32.78 -0.16 0.00	37.78 -0.24 0.00	35.85 -0.32 0.00
GOUDEY___7 23579	32.00 -0.14 0.00	35.62 -0.22 0.00	33.52 -0.19 0.00	30.78 -0.15 0.00	30.56 -0.11 0.00	28.88 -0.13 0.00	31.34 -0.14 0.00	38.16 -0.21 0.00	35.98 -0.23 0.00	30.05 -0.11 0.00	29.36 -0.15 0.00	27.32 -0.11 0.00	26.04 -0.06 0.00	22.88 -0.12 0.00	22.34 -0.19 0.00	30.02 -0.22 0.00	39.07 -0.28 0.00	38.66 -0.03 0.00	38.49 0.22 0.00	39.69 0.09 0.00	36.29 -0.13 0.00	32.81 -0.13 0.00	37.81 -0.22 0.00	35.89 -0.28 0.00
GOUDEY___8 23580	31.98 -0.16 0.00	35.60 -0.24 0.00	33.51 -0.20 0.00	30.76 -0.18 0.00	30.54 -0.12 0.00	28.87 -0.14 0.00	31.32 -0.17 0.00	38.13 -0.24 0.00	35.95 -0.26 0.00	30.02 -0.14 0.00	29.34 -0.18 0.00	27.30 -0.13 0.00	26.01 -0.09 0.00	22.86 -0.14 0.00	22.32 -0.21 0.00	29.99 -0.25 0.00	39.04 -0.31 0.00	38.62 -0.06 0.00	38.45 0.19 0.00	39.66 0.05 0.00	36.26 -0.17 0.00	32.78 -0.16 0.00	37.78 -0.24 0.00	35.85 -0.32 0.00
GOWANUS_GT1_1 24077	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.40 1.46 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.68 0.00	29.16 1.74 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.63 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.91 2.64 0.00	42.13 2.53 0.00	38.69 2.26 0.00	35.03 2.07 -0.01	84.66 2.07 -44.56	37.91 1.73 0.00
GOWANUS_GT1_2 24078	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.40 1.46 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.68 0.00	29.16 1.74 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.63 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.91 2.64 0.00	42.13 2.53 0.00	38.69 2.26 0.00	35.03 2.07 -0.01	84.66 2.07 -44.56	37.91 1.73 0.00
GOWANUS_GT1_3 24079	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.40 1.46 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.68 0.00	29.16 1.74 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.63 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.91 2.64 0.00	42.13 2.53 0.00	38.69 2.26 0.00	35.03 2.07 -0.01	84.66 2.07 -44.56	37.91 1.73 0.00
GOWANUS_GT1_4 24080	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.40 1.46 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.68 0.00	29.16 1.74 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.63 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.91 2.64 0.00	42.13 2.53 0.00	38.69 2.26 0.00	35.03 2.07 -0.01	84.66 2.07 -44.56	37.91 1.73 0.00
GOWANUS_GT1_5 24084	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.40 1.46 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.68 0.00	29.16 1.74 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.63 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.91 2.64 0.00	42.13 2.53 0.00	38.69 2.26 0.00	35.03 2.07 -0.01	84.66 2.07 -44.56	37.91 1.73 0.00
GOWANUS_GT1_6 24111	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.40 1.46 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.68 0.00	29.16 1.74 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.63 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.91 2.64 0.00	42.13 2.53 0.00	38.69 2.26 0.00	35.03 2.07 -0.01	84.66 2.07 -44.56	37.91 1.73 0.00
GOWANUS_GT1_7 24112	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.40 1.46 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.68 0.00	29.16 1.74 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.63 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.91 2.64 0.00	42.13 2.53 0.00	38.69 2.26 0.00	35.03 2.07 -0.01	84.66 2.07 -44.56	37.91 1.73 0.00
GOWANUS_GT1_8 24113	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.40 1.46 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.68 0.00	29.16 1.74 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.63 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.91 2.64 0.00	42.13 2.53 0.00	38.69 2.26 0.00	35.03 2.07 -0.01	84.66 2.07 -44.56	37.91 1.73 0.00
GOWANUS_GT2_1 24114	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
GOWANUS_GT2_2 24115	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
GOWANUS_GT2_3 24116	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
GOWANUS_GT2_4 24117	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00

GOWANUS_GT2_5 24118	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
GOWANUS_GT2_6 24119	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
GOWANUS_GT2_7 24120	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
GOWANUS_GT2_8 24121	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
GOWANUS_GT3_1 24122	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
GOWANUS_GT3_2 24123	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
GOWANUS_GT3_3 24124	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
GOWANUS_GT3_4 24125	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
GOWANUS_GT3_5 24126	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
GOWANUS_GT3_6 24127	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
GOWANUS_GT3_7 24128	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
GOWANUS_GT3_8 24129	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
GOWANUS_GT4_1 24130	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.40 1.46 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.68 0.00	29.16 1.74 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.63 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.91 2.64 0.00	42.13 2.53 0.00	38.69 2.26 0.00	35.03 2.07 -0.01	84.66 2.07 -44.56	37.91 1.73 0.00
GOWANUS_GT4_2 24131	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.40 1.46 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.68 0.00	29.16 1.74 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.63 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.91 2.64 0.00	42.13 2.53 0.00	38.69 2.26 0.00	35.03 2.07 -0.01	84.66 2.07 -44.56	37.91 1.73 0.00
GOWANUS_GT4_3 24132	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.40 1.46 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.68 0.00	29.16 1.74 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.63 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.91 2.64 0.00	42.13 2.53 0.00	38.69 2.26 0.00	35.03 2.07 -0.01	84.66 2.07 -44.56	37.91 1.73 0.00

GOWANUS_GT4_4 24133	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.40 1.46 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.68 0.00	29.16 1.74 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.63 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.91 2.64 0.00	42.13 2.53 0.00	38.69 2.26 0.00	35.03 2.07 -0.01	84.66 2.07 -44.56	37.91 1.73 0.00
GOWANUS_GT4_5 24134	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.40 1.46 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.68 0.00	29.16 1.74 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.63 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.91 2.64 0.00	42.13 2.53 0.00	38.69 2.26 0.00	35.03 2.07 -0.01	84.66 2.07 -44.56	37.91 1.73 0.00
GOWANUS_GT4_6 24135	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.40 1.46 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.68 0.00	29.16 1.74 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.63 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.91 2.64 0.00	42.13 2.53 0.00	38.69 2.26 0.00	35.03 2.07 -0.01	84.66 2.07 -44.56	37.91 1.73 0.00
GOWANUS_GT4_7 24136	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.40 1.46 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.68 0.00	29.16 1.74 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.63 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.91 2.64 0.00	42.13 2.53 0.00	38.69 2.26 0.00	35.03 2.07 -0.01	84.66 2.07 -44.56	37.91 1.73 0.00
GOWANUS_GT4_8 24137	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.40 1.46 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.68 0.00	29.16 1.74 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.63 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.91 2.64 0.00	42.13 2.53 0.00	38.69 2.26 0.00	35.03 2.07 -0.01	84.66 2.07 -44.56	37.91 1.73 0.00
GREENBSH_115KV_TB3 55895	32.45 0.31 0.00	36.22 0.38 0.00	34.07 0.37 0.00	31.27 0.33 0.00	31.00 0.33 0.00	29.36 0.34 0.00	31.84 0.36 0.00	38.88 0.51 0.00	36.57 0.36 0.00	30.35 0.19 0.00	29.75 0.24 0.00	27.67 0.24 0.00	26.30 0.20 0.00	23.15 0.15 0.00	22.69 0.15 0.00	30.51 0.28 0.00	39.82 0.47 0.00	39.44 0.76 0.00	39.13 0.87 0.00	40.25 0.65 0.00	36.88 0.45 0.00	33.37 0.43 0.00	38.35 0.32 0.00	36.38 0.21 0.00
GREENDGE_115KV_TB5 80291	31.90 -0.23 0.00	35.34 -0.50 0.00	33.29 -0.42 0.00	30.75 -0.18 0.00	30.53 -0.13 0.00	28.90 -0.11 0.00	31.36 -0.13 0.00	37.88 -0.49 0.00	35.80 -0.41 0.00	30.17 0.01 0.00	29.40 -0.11 0.00	27.28 -0.15 0.00	25.90 -0.20 0.00	22.69 -0.30 0.00	22.11 -0.43 0.00	29.59 -0.65 0.00	38.66 -0.70 0.00	38.43 -0.25 0.00	38.42 0.16 0.00	39.55 -0.06 0.00	35.73 -0.70 0.00	32.64 -0.30 0.00	37.54 -0.49 0.00	35.74 -0.43 0.00
GREENIDGE___3 23582	31.90 -0.23 0.00	35.34 -0.50 0.00	33.29 -0.42 0.00	30.75 -0.18 0.00	30.53 -0.13 0.00	28.90 -0.11 0.00	31.36 -0.13 0.00	37.88 -0.49 0.00	35.80 -0.41 0.00	30.17 0.01 0.00	29.40 -0.11 0.00	27.28 -0.15 0.00	25.90 -0.20 0.00	22.69 -0.30 0.00	22.11 -0.43 0.00	29.59 -0.65 0.00	38.66 -0.70 0.00	38.43 -0.25 0.00	38.42 0.16 0.00	39.55 -0.06 0.00	35.73 -0.70 0.00	32.64 -0.30 0.00	37.54 -0.49 0.00	35.74 -0.43 0.00
GREENIDGE___4 23583	31.90 -0.24 0.00	35.34 -0.50 0.00	33.28 -0.43 0.00	30.75 -0.19 0.00	30.53 -0.13 0.00	28.90 -0.11 0.00	31.36 -0.13 0.00	37.88 -0.49 0.00	35.80 -0.40 0.00	30.16 0.01 0.00	29.41 -0.11 0.00	27.28 -0.15 0.00	25.90 -0.19 0.00	22.69 -0.30 0.00	22.11 -0.43 0.00	29.60 -0.64 0.00	38.65 -0.71 0.00	38.43 -0.25 0.00	38.42 0.16 0.00	39.55 -0.06 0.00	35.72 -0.70 0.00	32.64 -0.30 0.00	37.53 -0.49 0.00	35.74 -0.44 0.00
GREENLWN_69_KV_BK 3 55738	33.92 1.78 0.00	37.75 1.91 0.00	35.43 1.72 0.00	32.38 1.45 0.00	32.19 1.52 0.00	30.59 1.57 0.00	33.24 1.76 0.00	40.65 2.28 0.00	38.32 2.11 0.00	31.63 1.48 0.00	31.24 1.72 0.00	29.23 1.80 0.00	27.69 1.60 0.00	24.39 1.39 0.00	23.64 1.11 0.00	31.66 1.43 0.00	41.50 2.14 0.00	41.22 2.54 0.00	40.99 2.73 0.00	42.33 2.73 0.00	38.82 2.40 0.00	35.14 2.20 0.00	40.25 2.23 0.00	38.08 1.91 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.40 1.46 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.68 0.00	29.16 1.74 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.63 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.91 2.64 0.00	42.13 2.53 0.00	38.69 2.26 0.00	35.03 2.07 -0.01	84.66 2.07 -44.56	37.91 1.73 0.00
GRISSOM___SOLAR 323813	35.28 3.15 0.00	39.24 3.40 0.00	36.84 3.13 0.00	33.80 2.87 0.00	33.53 2.86 0.00	31.72 2.70 0.00	34.66 3.17 0.00	42.34 3.98 0.00	39.96 3.75 0.00	32.57 2.42 0.00	31.45 1.93 0.00	28.87 1.45 0.00	27.06 0.97 0.00	23.88 0.89 0.00	23.56 1.03 0.00	32.68 2.44 0.00	43.20 3.85 0.00	43.09 4.42 0.00	42.71 4.45 0.00	44.08 4.47 0.00	40.38 3.96 0.00	36.44 3.49 0.00	42.02 4.00 0.00	39.77 3.60 0.00
GROVEVILLE___HYD 323602	33.68 1.54 0.00	37.49 1.65 0.00	35.22 1.51 0.00	32.28 1.35 0.00	32.06 1.39 0.00	30.41 1.40 0.00	33.14 1.65 0.00	40.45 2.08 0.00	38.14 1.93 0.00	31.64 1.48 0.00	31.03 1.51 0.00	28.92 1.49 0.00	27.45 1.35 0.00	24.12 1.13 0.00	23.58 1.05 0.00	31.73 1.49 0.00	41.37 2.01 0.00	41.08 2.41 0.00	40.87 2.60 0.00	42.07 2.47 0.00	38.54 2.12 0.00	34.87 1.93 0.00	40.01 1.98 0.00	37.82 1.65 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.60 -0.54 0.00	35.21 -0.63 0.00	33.11 -0.59 0.00	30.39 -0.54 0.00	30.13 -0.54 0.00	28.54 -0.47 0.00	30.99 -0.50 0.00	37.65 -0.72 0.00	35.50 -0.71 0.00	29.64 -0.52 0.00	28.98 -0.53 0.00	26.95 -0.48 0.00	25.61 -0.49 0.00	22.55 -0.45 0.00	22.09 -0.45 0.00	29.60 -0.63 0.00	38.59 -0.77 0.00	38.16 -0.52 0.00	37.89 -0.37 0.00	39.06 -0.54 0.00	35.79 -0.63 0.00	32.35 -0.59 0.00	37.39 -0.63 0.00	35.59 -0.58 0.00
HAMLTNNY_34_KV_TB 80303	31.62 -0.52 0.00	35.24 -0.60 0.00	33.15 -0.56 0.00	30.41 -0.52 0.00	30.14 -0.53 0.00	28.57 -0.45 0.00	31.03 -0.45 0.00	37.65 -0.72 0.00	35.52 -0.70 0.00	29.68 -0.48 0.00	29.03 -0.49 0.00	26.98 -0.45 0.00	25.63 -0.47 0.00	22.54 -0.46 0.00	22.08 -0.46 0.00	29.59 -0.65 0.00	38.56 -0.80 0.00	38.19 -0.49 0.00	37.94 -0.32 0.00	39.09 -0.51 0.00	35.82 -0.61 0.00	32.38 -0.56 0.00	37.44 -0.59 0.00	35.62 -0.55 0.00

HAMPSHIRE___PAPER_HYD 323593	32.08 -0.06 0.00	35.83 -0.02 0.00	33.74 0.03 0.00	30.99 0.06 0.00	30.69 0.02 0.00	28.85 -0.16 0.00	31.19 -0.30 0.00	38.15 -0.22 0.00	36.16 -0.05 0.00	30.08 -0.08 0.00	29.27 -0.24 0.00	27.05 -0.38 0.00	25.77 -0.32 0.00	22.86 -0.14 0.00	22.43 -0.10 0.00	30.06 -0.18 0.00	39.33 -0.03 0.00	38.62 -0.06 0.00	38.03 -0.23 0.00	39.47 -0.14 0.00	36.36 -0.06 0.00	32.84 -0.10 0.00	38.09 0.06 0.00	36.36 0.18 0.00
HARDSCRABBLE_WT_PWR 323673	32.09 -0.05 0.00	35.84 0.00 0.00	33.69 -0.02 0.00	30.94 0.01 0.00	30.71 0.04 0.00	29.10 0.09 0.00	31.61 0.13 0.00	38.68 0.31 0.00	36.32 0.11 0.00	30.09 -0.06 0.00	29.40 -0.11 0.00	27.23 -0.20 0.00	25.78 -0.31 0.00	22.65 -0.35 0.00	22.19 -0.35 0.00	30.12 -0.11 0.00	39.48 0.12 0.00	39.31 0.63 0.00	39.11 0.85 0.00	40.25 0.64 0.00	36.78 0.35 0.00	33.30 0.36 0.00	38.20 0.17 0.00	36.12 -0.05 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.43 1.29 0.00	37.24 1.40 0.00	34.97 1.26 0.00	32.04 1.11 0.00	31.81 1.14 0.00	30.18 1.16 0.00	32.88 1.40 0.00	40.14 1.77 0.00	37.86 1.65 0.00	31.43 1.27 0.00	30.79 1.27 0.00	28.73 1.30 0.00	27.27 1.18 0.00	23.99 0.99 0.00	23.44 0.90 0.00	31.48 1.25 0.00	40.98 1.63 0.00	40.73 2.06 0.00	40.56 2.29 0.00	41.76 2.16 0.00	38.28 1.86 0.00	34.63 1.69 0.00	39.74 1.72 0.00	37.57 1.39 0.00
HARSNRAD_115KV_TB1 81005	29.92 -2.22 0.00	33.43 -2.42 0.00	31.40 -2.31 0.00	28.71 -2.22 0.00	28.42 -2.25 0.00	26.99 -2.02 0.00	29.06 -2.43 0.00	34.39 -3.98 0.00	32.13 -4.08 0.00	27.20 -2.95 0.00	26.49 -3.02 0.00	24.60 -2.83 0.00	23.60 -2.50 0.00	20.83 -2.17 0.00	20.30 -2.24 0.00	26.94 -3.29 0.00	34.65 -4.71 0.00	34.50 -4.18 0.00	34.64 -3.63 0.00	35.07 -4.53 0.00	31.79 -4.63 0.00	28.79 -4.15 0.00	33.89 -4.13 0.00	32.61 -3.56 0.00
HARZA MOOSE___RIVER 24016	32.53 0.39 0.00	36.24 0.40 0.00	34.12 0.41 0.00	31.35 0.42 0.00	31.09 0.42 0.00	29.40 0.39 0.00	31.92 0.43 0.00	39.01 0.64 0.00	36.88 0.66 0.00	30.68 0.52 0.00	29.87 0.35 0.00	27.61 0.18 0.00	26.23 0.14 0.00	23.12 0.13 0.00	22.68 0.14 0.00	30.49 0.25 0.00	39.96 0.60 0.00	39.60 0.92 0.00	39.23 0.97 0.00	40.52 0.92 0.00	37.17 0.75 0.00	33.57 0.63 0.00	38.74 0.71 0.00	36.80 0.63 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.34 -0.80 0.00	34.92 -0.92 0.00	32.84 -0.87 0.00	30.14 -0.80 0.00	29.89 -0.77 0.00	28.31 -0.71 0.00	30.72 -0.77 0.00	37.29 -1.08 0.00	35.17 -1.04 0.00	29.35 -0.81 0.00	28.70 -0.81 0.00	26.67 -0.76 0.00	25.36 -0.73 0.00	22.34 -0.66 0.00	21.88 -0.66 0.00	29.31 -0.93 0.00	38.20 -1.15 0.00	37.78 -0.90 0.00	37.54 -0.72 0.00	38.69 -0.91 0.00	35.43 -0.99 0.00	32.04 -0.91 0.00	37.03 -1.00 0.00	35.26 -0.91 0.00
HELLGATE_13_KV_LD 55870	33.43 1.29 0.00	37.22 1.38 0.00	35.08 1.37 0.00	32.14 1.21 0.00	31.89 1.23 0.00	30.30 1.29 0.00	33.04 1.56 0.00	40.24 1.87 0.00	38.01 1.80 0.00	31.63 1.47 0.00	31.03 1.51 0.00	29.00 1.57 0.00	27.54 1.45 0.00	24.23 1.23 0.00	23.64 1.11 0.00	31.68 1.44 0.00	41.12 1.76 0.00	40.87 2.19 0.00	40.69 2.43 0.00	41.91 2.31 0.00	38.47 2.05 0.00	34.82 1.88 0.00	39.89 1.87 0.00	37.69 1.52 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.43 1.29 0.00	37.22 1.38 0.00	35.08 1.37 0.00	32.14 1.21 0.00	31.89 1.23 0.00	30.30 1.29 0.00	33.04 1.56 0.00	40.24 1.87 0.00	38.01 1.80 0.00	31.63 1.47 0.00	31.03 1.51 0.00	29.00 1.57 0.00	27.54 1.45 0.00	24.23 1.23 0.00	23.64 1.11 0.00	31.68 1.44 0.00	41.12 1.76 0.00	40.87 2.19 0.00	40.69 2.43 0.00	41.91 2.31 0.00	38.47 2.05 0.00	34.82 1.88 0.00	39.89 1.87 0.00	37.69 1.52 0.00
HEMPSTEAD____ 23647	33.95 1.81 0.00	37.78 1.94 0.00	35.46 1.74 0.00	32.41 1.48 0.00	32.21 1.55 0.00	30.62 1.61 0.00	33.34 1.85 0.00	40.74 2.37 0.00	38.43 2.22 0.00	31.78 1.63 0.00	31.28 1.77 0.00	29.27 1.85 0.00	27.76 1.66 0.00	24.44 1.44 0.00	23.76 1.22 0.00	31.87 1.63 0.00	41.68 2.33 0.00	41.34 2.66 0.00	41.12 2.86 0.00	42.45 2.85 0.00	38.92 2.50 0.00	35.25 2.31 0.00	40.41 2.39 0.00	38.18 2.01 0.00
HEWLETT__69_KV_BK3 55828	34.15 2.01 0.00	38.01 2.17 0.00	35.67 1.96 0.00	32.63 1.70 0.00	32.41 1.74 0.00	30.80 1.79 0.00	33.52 2.03 0.00	40.93 2.56 0.00	38.60 2.39 0.00	31.94 1.78 0.00	31.49 1.98 0.00	29.46 2.03 0.00	27.93 1.84 0.00	24.58 1.59 0.00	23.89 1.36 0.00	32.05 1.81 0.00	41.87 2.51 0.00	41.60 2.92 0.00	41.39 3.13 0.00	42.74 3.13 0.00	39.18 2.76 0.00	35.46 2.52 0.00	40.61 2.58 0.00	38.35 2.18 0.00
HICKLING___1 23621	32.05 -0.09 0.00	35.62 -0.22 0.00	33.53 -0.18 0.00	30.81 -0.12 0.00	30.65 -0.02 0.00	28.93 -0.08 0.00	31.36 -0.13 0.00	38.20 -0.17 0.00	36.03 -0.18 0.00	30.18 0.02 0.00	29.44 -0.08 0.00	27.37 -0.06 0.00	26.12 0.02 0.00	22.89 -0.11 0.00	22.29 -0.24 0.00	29.96 -0.28 0.00	39.06 -0.30 0.00	38.76 0.08 0.00	38.74 0.48 0.00	39.95 0.34 0.00	36.37 -0.06 0.00	32.90 -0.04 0.00	37.82 -0.20 0.00	35.88 -0.29 0.00
HICKLING___2 23622	32.05 -0.09 0.00	35.62 -0.22 0.00	33.53 -0.18 0.00	30.81 -0.12 0.00	30.65 -0.02 0.00	28.93 -0.08 0.00	31.36 -0.13 0.00	38.20 -0.17 0.00	36.03 -0.18 0.00	30.18 0.02 0.00	29.44 -0.08 0.00	27.37 -0.06 0.00	26.12 0.02 0.00	22.89 -0.11 0.00	22.29 -0.24 0.00	29.96 -0.28 0.00	39.06 -0.30 0.00	38.76 0.08 0.00	38.74 0.48 0.00	39.95 0.34 0.00	36.37 -0.06 0.00	32.90 -0.04 0.00	37.82 -0.20 0.00	35.88 -0.29 0.00
HIGH FALLS___HY 23754	33.67 1.53 0.00	37.46 1.62 0.00	35.16 1.45 0.00	32.22 1.29 0.00	32.02 1.35 0.00	30.38 1.37 0.00	33.17 1.68 0.00	40.49 2.12 0.00	38.20 1.99 0.00	31.63 1.47 0.00	30.94 1.42 0.00	28.77 1.34 0.00	27.29 1.20 0.00	24.01 1.01 0.00	23.45 0.92 0.00	31.56 1.32 0.00	41.23 1.87 0.00	41.09 2.41 0.00	40.95 2.68 0.00	42.19 2.59 0.00	38.67 2.25 0.00	34.97 2.03 0.00	40.11 2.09 0.00	37.89 1.72 0.00
HILLBURN___GT 23639	33.35 1.21 0.00	37.16 1.32 0.00	34.90 1.18 0.00	31.96 1.03 0.00	31.73 1.06 0.00	30.10 1.09 0.00	32.82 1.33 0.00	40.05 1.69 0.00	37.80 1.59 0.00	31.40 1.25 0.00	30.77 1.25 0.00	28.73 1.30 0.00	27.29 1.19 0.00	24.00 1.00 0.00	23.44 0.90 0.00	31.44 1.20 0.00	40.87 1.52 0.00	40.62 1.94 0.00	40.45 2.19 0.00	41.66 2.06 0.00	38.18 1.76 0.00	34.56 1.62 0.00	39.66 1.63 0.00	37.48 1.31 0.00
HILLSIDE_115KV_TB1 80332	31.56 -0.58 0.00	35.06 -0.78 0.00	33.03 -0.68 0.00	30.35 -0.58 0.00	30.18 -0.49 0.00	28.48 -0.54 0.00	30.86 -0.63 0.00	37.60 -0.77 0.00	35.44 -0.77 0.00	29.69 -0.47 0.00	28.96 -0.55 0.00	26.97 -0.46 0.00	25.76 -0.34 0.00	22.60 -0.40 0.00	22.01 -0.52 0.00	29.59 -0.65 0.00	38.49 -0.87 0.00	38.11 -0.57 0.00	38.07 -0.19 0.00	39.30 -0.31 0.00	35.81 -0.61 0.00	32.38 -0.56 0.00	37.22 -0.80 0.00	35.30 -0.87 0.00

HISHELDN_WT_PWR 323625	30.33 -1.81 0.00	33.88 -1.96 0.00	31.83 -1.88 0.00	29.11 -1.82 0.00	28.83 -1.83 0.00	27.35 -1.67 0.00	29.47 -2.01 0.00	35.02 -3.35 0.00	32.68 -3.53 0.00	27.63 -2.53 0.00	26.92 -2.59 0.00	25.05 -2.38 0.00	24.00 -2.10 0.00	21.19 -1.81 0.00	20.66 -1.87 0.00	27.49 -2.75 0.00	35.31 -4.04 0.00	35.07 -3.61 0.00	35.17 -3.09 0.00	35.68 -3.92 0.00	32.35 -4.07 0.00	29.30 -3.64 0.00	34.41 -3.61 0.00	33.02 -3.15 0.00
HOLTSVILLE_IC_1 23690	34.32 2.18 0.00	38.21 2.36 0.00	35.85 2.14 0.00	32.73 1.80 0.00	32.53 1.87 0.00	30.98 1.97 0.00	33.66 2.17 0.00	41.20 2.83 0.00	38.82 2.61 0.00	31.98 1.82 0.00	31.50 1.98 0.00	29.45 2.02 0.00	27.88 1.79 0.00	24.60 1.60 0.00	23.86 1.33 0.00	32.03 1.80 0.00	42.09 2.73 0.00	41.75 3.07 0.00	41.47 3.20 0.00	42.99 3.38 0.00	39.37 2.95 0.00	35.64 2.69 0.00	40.83 2.81 0.00	38.55 2.38 0.00
HOLTSVILLE_IC_10 23699	34.49 2.36 0.00	38.40 2.56 0.00	36.04 2.33 0.00	32.89 1.96 0.00	32.69 2.02 0.00	31.15 2.13 0.00	33.83 2.34 0.00	41.41 3.04 0.00	39.02 2.81 0.00	32.12 1.96 0.00	31.63 2.11 0.00	29.56 2.14 0.00	27.99 1.89 0.00	24.69 1.70 0.00	23.96 1.43 0.00	32.18 1.95 0.00	42.31 2.96 0.00	41.99 3.30 0.00	41.70 3.44 0.00	43.24 3.64 0.00	39.61 3.19 0.00	35.83 2.89 0.00	41.04 3.01 0.00	38.75 2.57 0.00
HOLTSVILLE_IC_2 23691	34.32 2.18 0.00	38.21 2.36 0.00	35.85 2.14 0.00	32.73 1.80 0.00	32.53 1.87 0.00	30.98 1.97 0.00	33.66 2.17 0.00	41.20 2.83 0.00	38.82 2.61 0.00	31.98 1.82 0.00	31.50 1.98 0.00	29.45 2.02 0.00	27.88 1.79 0.00	24.60 1.60 0.00	23.86 1.33 0.00	32.03 1.80 0.00	42.09 2.73 0.00	41.75 3.07 0.00	41.47 3.20 0.00	42.99 3.38 0.00	39.37 2.95 0.00	35.64 2.69 0.00	40.83 2.81 0.00	38.55 2.38 0.00
HOLTSVILLE_IC_3 23692	34.32 2.18 0.00	38.21 2.36 0.00	35.85 2.14 0.00	32.73 1.80 0.00	32.53 1.87 0.00	30.98 1.97 0.00	33.66 2.17 0.00	41.20 2.83 0.00	38.82 2.61 0.00	31.98 1.82 0.00	31.50 1.98 0.00	29.45 2.02 0.00	27.88 1.79 0.00	24.60 1.60 0.00	23.86 1.33 0.00	32.03 1.80 0.00	42.09 2.73 0.00	41.75 3.07 0.00	41.47 3.20 0.00	42.99 3.38 0.00	39.37 2.95 0.00	35.64 2.69 0.00	40.83 2.81 0.00	38.55 2.38 0.00
HOLTSVILLE_IC_4 23693	34.32 2.18 0.00	38.21 2.36 0.00	35.85 2.14 0.00	32.73 1.80 0.00	32.53 1.87 0.00	30.98 1.97 0.00	33.66 2.17 0.00	41.20 2.83 0.00	38.82 2.61 0.00	31.98 1.82 0.00	31.50 1.98 0.00	29.45 2.02 0.00	27.88 1.79 0.00	24.60 1.60 0.00	23.86 1.33 0.00	32.03 1.80 0.00	42.09 2.73 0.00	41.75 3.07 0.00	41.47 3.20 0.00	42.99 3.38 0.00	39.37 2.95 0.00	35.64 2.69 0.00	40.83 2.81 0.00	38.55 2.38 0.00
HOLTSVILLE_IC_5 23694	34.32 2.18 0.00	38.21 2.36 0.00	35.85 2.14 0.00	32.73 1.80 0.00	32.53 1.87 0.00	30.98 1.97 0.00	33.66 2.17 0.00	41.20 2.83 0.00	38.82 2.61 0.00	31.98 1.82 0.00	31.50 1.98 0.00	29.45 2.02 0.00	27.88 1.79 0.00	24.60 1.60 0.00	23.86 1.33 0.00	32.03 1.80 0.00	42.09 2.73 0.00	41.75 3.07 0.00	41.47 3.20 0.00	42.99 3.38 0.00	39.37 2.95 0.00	35.64 2.69 0.00	40.83 2.81 0.00	38.55 2.38 0.00
HOLTSVILLE_IC_6 23695	34.49 2.36 0.00	38.40 2.56 0.00	36.04 2.33 0.00	32.89 1.96 0.00	32.69 2.02 0.00	31.15 2.13 0.00	33.83 2.34 0.00	41.41 3.04 0.00	39.02 2.81 0.00	32.12 1.96 0.00	31.63 2.11 0.00	29.56 2.14 0.00	27.99 1.89 0.00	24.69 1.70 0.00	23.96 1.43 0.00	32.18 1.95 0.00	42.31 2.96 0.00	41.99 3.30 0.00	41.70 3.44 0.00	43.24 3.64 0.00	39.61 3.19 0.00	35.83 2.89 0.00	41.04 3.01 0.00	38.75 2.57 0.00
HOLTSVILLE_IC_7 23696	34.49 2.36 0.00	38.40 2.56 0.00	36.04 2.33 0.00	32.89 1.96 0.00	32.69 2.02 0.00	31.15 2.13 0.00	33.83 2.34 0.00	41.41 3.04 0.00	39.02 2.81 0.00	32.12 1.96 0.00	31.63 2.11 0.00	29.56 2.14 0.00	27.99 1.89 0.00	24.69 1.70 0.00	23.96 1.43 0.00	32.18 1.95 0.00	42.31 2.96 0.00	41.99 3.30 0.00	41.70 3.44 0.00	43.24 3.64 0.00	39.61 3.19 0.00	35.83 2.89 0.00	41.04 3.01 0.00	38.75 2.57 0.00
HOLTSVILLE_IC_8 23697	34.49 2.36 0.00	38.40 2.56 0.00	36.04 2.33 0.00	32.89 1.96 0.00	32.69 2.02 0.00	31.15 2.13 0.00	33.83 2.34 0.00	41.41 3.04 0.00	39.02 2.81 0.00	32.12 1.96 0.00	31.63 2.11 0.00	29.56 2.14 0.00	27.99 1.89 0.00	24.69 1.70 0.00	23.96 1.43 0.00	32.18 1.95 0.00	42.31 2.96 0.00	41.99 3.30 0.00	41.70 3.44 0.00	43.24 3.64 0.00	39.61 3.19 0.00	35.83 2.89 0.00	41.04 3.01 0.00	38.75 2.57 0.00
HOLTSVILLE_IC_9 23698	34.49 2.36 0.00	38.40 2.56 0.00	36.04 2.33 0.00	32.89 1.96 0.00	32.69 2.02 0.00	31.15 2.13 0.00	33.83 2.34 0.00	41.41 3.04 0.00	39.02 2.81 0.00	32.12 1.96 0.00	31.63 2.11 0.00	29.56 2.14 0.00	27.99 1.89 0.00	24.69 1.70 0.00	23.96 1.43 0.00	32.18 1.95 0.00	42.31 2.96 0.00	41.99 3.30 0.00	41.70 3.44 0.00	43.24 3.64 0.00	39.61 3.19 0.00	35.83 2.89 0.00	41.04 3.01 0.00	38.75 2.57 0.00
HOMER_HL_115KV_TB2 355744	31.67 -0.47 0.00	35.44 -0.40 0.00	33.31 -0.40 0.00	30.55 -0.38 0.00	30.25 -0.42 0.00	28.51 -0.50 0.00	30.70 -0.78 0.00	36.96 -1.41 0.00	34.52 -1.69 0.00	28.96 -1.19 0.00	28.21 -1.30 0.00	26.63 -0.80 0.00	25.52 -0.58 0.00	22.47 -0.52 0.00	21.90 -0.63 0.00	29.14 -1.10 0.00	37.47 -1.89 0.00	36.90 -1.78 0.00	36.75 -1.51 0.00	37.52 -2.09 0.00	34.09 -2.33 0.00	31.02 -1.92 0.00	36.25 -1.78 0.00	34.36 -1.81 0.00
HOWARD_WT_PWR 323690	32.23 0.09 0.00	36.05 0.21 0.00	33.71 0.00 0.00	31.08 0.15 0.00	30.96 0.29 0.00	29.14 0.13 0.00	31.65 0.16 0.00	38.60 0.23 0.00	36.62 0.41 0.00	30.71 0.56 0.00	29.99 0.47 0.00	27.81 0.38 0.00	26.42 0.32 0.00	23.07 0.07 0.00	22.44 -0.10 0.00	30.20 -0.03 0.00	39.55 0.20 0.00	39.49 0.81 0.00	39.52 1.26 0.00	40.69 1.09 0.00	37.03 0.61 0.00	33.52 0.57 0.00	38.48 0.45 0.00	36.51 0.34 0.00
HQ_GEN_CEDARS 23644	32.71 0.57 0.00	36.69 0.85 0.00	34.52 0.81 0.00	31.66 0.73 0.00	31.33 0.67 0.00	29.39 0.38 0.00	31.78 0.29 0.00	38.80 0.44 0.00	36.80 0.59 0.00	30.69 0.53 0.00	30.00 0.48 0.00	27.82 0.39 0.00	26.58 0.49 0.00	23.63 0.63 0.00	23.19 0.65 0.00	30.93 0.69 0.00	40.15 0.79 0.00	38.94 0.26 0.00	38.15 -0.11 0.00	39.78 0.17 0.00	36.79 0.37 0.00	33.26 0.32 0.00	38.60 0.57 0.00	36.89 0.72 0.00
HQ_GEN_CEDARS_PROXY 323590	32.71 0.57 0.00	36.69 0.85 0.00	34.52 0.81 0.00	31.66 0.73 0.00	31.33 0.67 0.00	29.39 0.38 0.00	31.78 0.29 0.00	38.80 0.43 0.00	36.80 0.59 0.00	30.69 0.53 0.00	30.00 0.48 0.00	27.82 0.39 0.00	26.58 0.49 0.00	23.63 0.63 0.00	23.19 0.66 0.00	30.93 0.69 0.00	40.15 0.80 0.00	37.22 0.26 1.73	38.15 -0.11 0.00	39.78 0.18 0.00	36.79 0.37 0.00	33.26 0.32 0.00	38.60 0.57 0.00	36.89 0.72 0.00

HQ_GEN_IMPORT 323601	32.45 0.31 0.00	36.21 0.36 0.00	34.05 0.34 0.00	31.24 0.31 0.00	30.95 0.28 0.00	29.24 0.23 0.00	31.70 0.21 0.00	38.65 0.28 0.00	36.56 0.35 0.00	30.48 0.32 0.00	29.82 0.31 0.00	27.70 0.27 0.00	26.40 0.30 0.00	23.30 0.31 0.00	22.86 0.33 0.00	30.65 0.41 0.00	42.09 0.45 -2.28	38.05 0.04 0.66	38.06 -0.20 0.00	39.66 0.06 0.00	36.66 0.23 0.00	33.15 0.20 0.00	38.35 0.32 0.00	36.55 0.38 0.00
HQ_GEN_WHEEL 23651	32.45 0.31 0.00	36.21 0.36 0.00	34.05 0.34 0.00	31.24 0.31 0.00	30.95 0.28 0.00	29.24 0.23 0.00	31.70 0.21 0.00	38.65 0.28 0.00	36.56 0.35 0.00	30.48 0.32 0.00	29.82 0.31 0.00	27.70 0.27 0.00	26.40 0.30 0.00	23.30 0.31 0.00	22.86 0.33 0.00	30.65 0.41 0.00	42.09 0.45 -2.28	38.05 0.04 0.66	38.06 -0.20 0.00	39.66 0.06 0.00	36.66 0.23 0.00	33.15 0.20 0.00	38.35 0.32 0.00	36.55 0.38 0.00
HUDSON AVE_GT_3 23810	33.52 1.38 0.00	37.28 1.44 0.00	35.08 1.37 0.00	32.14 1.21 0.00	31.90 1.23 0.00	30.30 1.29 0.00	33.06 1.58 0.00	40.28 1.91 0.00	38.04 1.83 0.00	31.66 1.50 0.00	31.06 1.55 0.00	29.03 1.60 0.00	27.58 1.49 0.00	24.26 1.26 0.00	23.67 1.14 0.00	31.73 1.50 0.00	41.19 1.84 0.00	40.94 2.26 0.00	40.77 2.51 0.00	41.98 2.38 0.00	38.52 2.10 0.00	34.87 1.93 0.00	39.96 1.94 0.00	37.74 1.57 0.00
HUDSON AVE_GT_4 23540	33.52 1.38 0.00	37.28 1.44 0.00	35.08 1.37 0.00	32.14 1.21 0.00	31.90 1.23 0.00	30.30 1.29 0.00	33.06 1.58 0.00	40.28 1.91 0.00	38.04 1.83 0.00	31.66 1.50 0.00	31.06 1.55 0.00	29.03 1.60 0.00	27.58 1.49 0.00	24.26 1.26 0.00	23.67 1.14 0.00	31.73 1.50 0.00	41.19 1.84 0.00	40.94 2.26 0.00	40.77 2.51 0.00	41.98 2.38 0.00	38.52 2.10 0.00	34.87 1.93 0.00	39.96 1.94 0.00	37.74 1.57 0.00
HUDSON AVE_GT_5 23657	33.52 1.38 0.00	37.28 1.44 0.00	35.08 1.37 0.00	32.14 1.21 0.00	31.90 1.23 0.00	30.30 1.29 0.00	33.06 1.58 0.00	40.28 1.91 0.00	38.04 1.83 0.00	31.66 1.50 0.00	31.06 1.55 0.00	29.03 1.60 0.00	27.58 1.49 0.00	24.26 1.26 0.00	23.67 1.14 0.00	31.73 1.50 0.00	41.19 1.84 0.00	40.94 2.26 0.00	40.77 2.51 0.00	41.98 2.38 0.00	38.52 2.10 0.00	34.87 1.93 0.00	39.96 1.94 0.00	37.74 1.57 0.00
HUDSON_AVE_10 24168	33.46 1.32 0.00	37.22 1.38 0.00	35.01 1.30 0.00	32.06 1.13 0.00	31.83 1.16 0.00	30.24 1.23 0.00	32.99 1.50 0.00	40.17 1.80 0.00	37.98 1.76 0.00	31.61 1.46 0.00	31.00 1.49 0.00	28.97 1.54 0.00	27.54 1.45 0.00	24.22 1.22 0.00	23.63 1.10 0.00	31.68 1.45 0.00	41.10 1.75 0.00	40.86 2.18 0.00	40.70 2.44 0.00	41.90 2.30 0.00	38.44 2.02 0.00	34.80 1.86 0.00	39.89 1.87 0.00	37.67 1.50 0.00
HUDSON___115KV_TB 4 355613	33.23 1.09 0.00	37.07 1.23 0.00	34.90 1.19 0.00	32.02 1.09 0.00	31.74 1.08 0.00	30.05 1.04 0.00	32.61 1.12 0.00	39.83 1.46 0.00	37.39 1.18 0.00	30.93 0.78 0.00	30.26 0.74 0.00	28.08 0.65 0.00	26.62 0.52 0.00	23.40 0.40 0.00	22.95 0.41 0.00	30.99 0.75 0.00	40.72 1.37 0.00	40.54 1.86 0.00	40.24 1.98 0.00	41.35 1.75 0.00	37.84 1.42 0.00	34.22 1.28 0.00	39.32 1.30 0.00	37.27 1.10 0.00
HUNTER MOUNT___DRP 323613	33.48 1.34 0.00	37.34 1.50 0.00	35.17 1.46 0.00	32.29 1.36 0.00	31.99 1.32 0.00	30.29 1.28 0.00	32.85 1.37 0.00	40.15 1.78 0.00	37.67 1.46 0.00	31.15 0.99 0.00	30.43 0.92 0.00	28.19 0.76 0.00	26.71 0.61 0.00	23.45 0.45 0.00	23.04 0.50 0.00	31.17 0.93 0.00	41.05 1.70 0.00	40.92 2.24 0.00	40.61 2.35 0.00	41.70 2.10 0.00	38.13 1.70 0.00	34.48 1.54 0.00	39.62 1.60 0.00	37.55 1.38 0.00
HUNTINGTON_RES_REC 323705	34.12 1.98 0.00	37.97 2.13 0.00	35.62 1.91 0.00	32.54 1.61 0.00	32.35 1.68 0.00	30.77 1.75 0.00	33.44 1.95 0.00	40.92 2.56 0.00	38.58 2.37 0.00	31.79 1.63 0.00	31.36 1.85 0.00	29.32 1.89 0.00	27.77 1.67 0.00	24.48 1.47 0.00	23.73 1.20 0.00	31.83 1.60 0.00	41.79 2.44 0.00	41.53 2.85 0.00	41.29 3.03 0.00	42.70 3.10 0.00	39.14 2.72 0.00	35.42 2.47 0.00	40.54 2.52 0.00	38.33 2.16 0.00
HUNTLEY___63 23557	30.21 -1.93 0.00	33.72 -2.12 0.00	31.69 -2.02 0.00	28.96 -1.97 0.00	28.70 -1.97 0.00	27.24 -1.77 0.00	29.34 -2.15 0.00	34.69 -3.68 0.00	32.41 -3.80 0.00	27.43 -2.73 0.00	26.71 -2.80 0.00	24.82 -2.61 0.00	23.79 -2.30 0.00	21.01 -2.00 0.00	20.47 -2.06 0.00	27.19 -3.04 0.00	34.95 -4.41 0.00	34.77 -3.91 0.00	34.90 -3.36 0.00	35.36 -4.25 0.00	32.04 -4.38 0.00	29.03 -3.91 0.00	34.16 -3.86 0.00	32.89 -3.28 0.00
HUNTLEY___64 23558	30.21 -1.93 0.00	33.72 -2.12 0.00	31.69 -2.02 0.00	28.96 -1.97 0.00	28.70 -1.97 0.00	27.24 -1.77 0.00	29.34 -2.15 0.00	34.69 -3.68 0.00	32.41 -3.80 0.00	27.43 -2.73 0.00	26.71 -2.80 0.00	24.82 -2.61 0.00	23.79 -2.30 0.00	21.01 -2.00 0.00	20.47 -2.06 0.00	27.19 -3.04 0.00	34.95 -4.41 0.00	34.77 -3.91 0.00	34.90 -3.36 0.00	35.36 -4.25 0.00	32.04 -4.38 0.00	29.03 -3.91 0.00	34.16 -3.86 0.00	32.89 -3.28 0.00
HUNTLEY___65 23559	30.21 -1.93 0.00	33.72 -2.12 0.00	31.69 -2.02 0.00	28.96 -1.97 0.00	28.70 -1.97 0.00	27.24 -1.77 0.00	29.34 -2.15 0.00	34.69 -3.68 0.00	32.41 -3.80 0.00	27.43 -2.73 0.00	26.71 -2.80 0.00	24.82 -2.61 0.00	23.79 -2.30 0.00	21.01 -2.00 0.00	20.47 -2.06 0.00	27.19 -3.04 0.00	34.95 -4.41 0.00	34.77 -3.91 0.00	34.90 -3.36 0.00	35.36 -4.25 0.00	32.04 -4.38 0.00	29.03 -3.91 0.00	34.16 -3.86 0.00	32.89 -3.28 0.00
HUNTLEY___66 23560	30.21 -1.93 0.00	33.72 -2.12 0.00	31.69 -2.02 0.00	28.96 -1.97 0.00	28.70 -1.97 0.00	27.24 -1.77 0.00	29.34 -2.15 0.00	34.69 -3.68 0.00	32.41 -3.80 0.00	27.43 -2.73 0.00	26.71 -2.80 0.00	24.82 -2.61 0.00	23.79 -2.30 0.00	21.01 -2.00 0.00	20.47 -2.06 0.00	27.19 -3.04 0.00	34.95 -4.41 0.00	34.77 -3.91 0.00	34.90 -3.36 0.00	35.36 -4.25 0.00	32.04 -4.38 0.00	29.03 -3.91 0.00	34.16 -3.86 0.00	32.89 -3.28 0.00
HUNTLEY___67 23561	30.09 -2.05 0.00	33.60 -2.25 0.00	31.58 -2.14 0.00	28.88 -2.05 0.00	28.59 -2.08 0.00	27.13 -1.88 0.00	29.23 -2.26 0.00	34.66 -3.70 0.00	32.37 -3.84 0.00	27.38 -2.78 0.00	26.68 -2.84 0.00	24.81 -2.62 0.00	23.79 -2.31 0.00	21.01 -1.99 0.00	20.48 -2.05 0.00	27.21 -3.03 0.00	34.97 -4.39 0.00	34.75 -3.93 0.00	34.85 -3.42 0.00	35.34 -4.27 0.00	32.04 -4.38 0.00	29.02 -3.92 0.00	34.12 -3.91 0.00	32.79 -3.38 0.00
HUNTLEY___68 23562	30.09 -2.05 0.00	33.60 -2.25 0.00	31.58 -2.14 0.00	28.88 -2.05 0.00	28.59 -2.08 0.00	27.13 -1.88 0.00	29.23 -2.26 0.00	34.66 -3.70 0.00	32.37 -3.84 0.00	27.38 -2.78 0.00	26.68 -2.84 0.00	24.81 -2.62 0.00	23.79 -2.31 0.00	21.01 -1.99 0.00	20.48 -2.05 0.00	27.21 -3.03 0.00	34.97 -4.39 0.00	34.75 -3.93 0.00	34.85 -3.42 0.00	35.34 -4.27 0.00	32.04 -4.38 0.00	29.02 -3.92 0.00	34.12 -3.91 0.00	32.79 -3.38 0.00

HYLAND___LFGE 323620	32.84 0.70 0.00	36.56 0.72 0.00	34.33 0.61 0.00	31.56 0.63 0.00	31.31 0.64 0.00	29.64 0.63 0.00	32.19 0.70 0.00	39.09 0.72 0.00	36.89 0.68 0.00	30.86 0.70 0.00	29.77 0.25 0.00	27.14 -0.29 0.00	25.65 -0.45 0.00	22.46 -0.54 0.00	21.88 -0.66 0.00	29.32 -0.91 0.00	38.64 -0.71 0.00	39.58 0.90 0.00	39.85 1.59 0.00	41.11 1.50 0.00	37.47 1.05 0.00	33.64 0.69 0.00	38.87 0.84 0.00	36.86 0.68 0.00
INDECK___CORINTH 23802	33.46 1.33 0.00	37.29 1.45 0.00	35.09 1.38 0.00	32.21 1.28 0.00	31.80 1.13 0.00	30.17 1.15 0.00	32.89 1.41 0.00	40.43 2.07 0.00	37.94 1.74 0.00	31.23 1.07 0.00	30.51 1.00 0.00	28.26 0.84 0.00	26.77 0.67 0.00	23.54 0.54 0.00	23.20 0.67 0.00	31.59 1.36 0.00	41.40 2.05 0.00	40.98 2.30 0.00	40.63 2.37 0.00	41.85 2.25 0.00	38.19 1.77 0.00	34.56 1.61 0.00	39.59 1.56 0.00	37.49 1.32 0.00
INDECK___ILION 23567	32.17 0.03 0.00	35.91 0.07 0.00	33.77 0.06 0.00	31.00 0.06 0.00	30.75 0.08 0.00	29.12 0.11 0.00	31.64 0.15 0.00	38.65 0.29 0.00	36.36 0.15 0.00	30.17 0.01 0.00	29.50 -0.02 0.00	27.37 -0.06 0.00	25.97 -0.13 0.00	22.85 -0.15 0.00	22.39 -0.14 0.00	30.25 0.01 0.00	39.53 0.18 0.00	39.18 0.50 0.00	38.90 0.64 0.00	40.10 0.50 0.00	36.73 0.31 0.00	33.23 0.29 0.00	38.21 0.18 0.00	36.21 0.03 0.00
INDECK___OLEAN 23982	31.66 -0.48 0.00	35.43 -0.41 0.00	33.31 -0.40 0.00	30.55 -0.39 0.00	30.25 -0.42 0.00	28.51 -0.51 0.00	30.71 -0.78 0.00	36.96 -1.41 0.00	34.52 -1.69 0.00	28.96 -1.20 0.00	28.22 -1.30 0.00	26.63 -0.80 0.00	25.52 -0.58 0.00	22.47 -0.52 0.00	21.90 -0.63 0.00	29.15 -1.09 0.00	37.46 -1.90 0.00	36.90 -1.79 0.00	36.75 -1.51 0.00	37.52 -2.09 0.00	34.10 -2.33 0.00	31.03 -1.91 0.00	36.25 -1.78 0.00	34.35 -1.82 0.00
INDECK___OSWEGO 23783	30.96 -1.18 0.00	34.50 -1.35 0.00	32.45 -1.26 0.00	29.78 -1.15 0.00	29.54 -1.13 0.00	27.94 -1.07 0.00	30.35 -1.14 0.00	36.92 -1.45 0.00	34.81 -1.39 0.00	29.04 -1.12 0.00	28.39 -1.13 0.00	26.37 -1.06 0.00	25.07 -1.03 0.00	22.11 -0.89 0.00	21.65 -0.88 0.00	28.99 -1.25 0.00	37.83 -1.53 0.00	37.40 -1.28 0.00	37.13 -1.13 0.00	38.30 -1.30 0.00	35.10 -1.32 0.00	31.73 -1.21 0.00	36.70 -1.33 0.00	34.96 -1.21 0.00
INDECK___YERKES 23781	30.22 -1.92 0.00	33.75 -2.09 0.00	31.72 -1.99 0.00	28.99 -1.94 0.00	28.73 -1.94 0.00	27.27 -1.75 0.00	29.37 -2.12 0.00	34.72 -3.65 0.00	32.44 -3.77 0.00	27.45 -2.71 0.00	26.74 -2.77 0.00	24.85 -2.58 0.00	23.81 -2.28 0.00	21.03 -1.97 0.00	20.50 -2.04 0.00	27.23 -3.00 0.00	34.98 -4.38 0.00	34.80 -3.87 0.00	34.94 -3.33 0.00	35.39 -4.22 0.00	32.07 -4.35 0.00	29.06 -3.88 0.00	34.19 -3.83 0.00	32.92 -3.25 0.00
INDIAN POINT_GT_1 24139	33.35 1.21 0.00	37.14 1.30 0.00	34.88 1.17 0.00	31.95 1.02 0.00	31.71 1.04 0.00	30.10 1.09 0.00	32.80 1.32 0.00	40.03 1.67 0.00	37.79 1.58 0.00	31.38 1.23 0.00	30.77 1.25 0.00	28.73 1.30 0.00	27.27 1.18 0.00	23.99 0.99 0.00	23.42 0.89 0.00	31.43 1.20 0.00	40.88 1.53 0.00	40.62 1.94 0.00	40.44 2.18 0.00	41.66 2.05 0.00	38.18 1.75 0.00	34.56 1.62 0.00	39.65 1.62 0.00	37.49 1.32 0.00
INDIAN POINT_GT_2 23659	33.35 1.21 0.00	37.14 1.30 0.00	34.88 1.17 0.00	31.95 1.02 0.00	31.71 1.04 0.00	30.10 1.09 0.00	32.80 1.32 0.00	40.03 1.67 0.00	37.79 1.58 0.00	31.38 1.23 0.00	30.77 1.25 0.00	28.73 1.30 0.00	27.27 1.18 0.00	23.99 0.99 0.00	23.42 0.89 0.00	31.43 1.20 0.00	40.88 1.53 0.00	40.62 1.94 0.00	40.44 2.18 0.00	41.66 2.05 0.00	38.18 1.75 0.00	34.56 1.62 0.00	39.65 1.62 0.00	37.49 1.32 0.00
INDIAN POINT_GT_3 24019	33.35 1.21 0.00	37.14 1.30 0.00	34.88 1.17 0.00	31.95 1.02 0.00	31.71 1.04 0.00	30.10 1.09 0.00	32.80 1.32 0.00	40.03 1.67 0.00	37.79 1.58 0.00	31.38 1.23 0.00	30.77 1.25 0.00	28.73 1.30 0.00	27.27 1.18 0.00	23.99 0.99 0.00	23.42 0.89 0.00	31.43 1.20 0.00	40.88 1.53 0.00	40.62 1.94 0.00	40.44 2.18 0.00	41.66 2.05 0.00	38.18 1.75 0.00	34.56 1.62 0.00	39.65 1.62 0.00	37.49 1.32 0.00
INDIAN POINT___2 23530	33.31 1.17 0.00	37.10 1.26 0.00	34.84 1.13 0.00	31.91 0.98 0.00	31.68 1.01 0.00	30.07 1.05 0.00	32.77 1.29 0.00	39.98 1.61 0.00	37.74 1.53 0.00	31.35 1.19 0.00	30.74 1.22 0.00	28.69 1.26 0.00	27.25 1.15 0.00	23.97 0.96 0.00	23.40 0.86 0.00	31.39 1.16 0.00	40.82 1.47 0.00	40.56 1.88 0.00	40.38 2.11 0.00	41.59 1.99 0.00	38.13 1.71 0.00	34.51 1.57 0.00	39.59 1.56 0.00	37.42 1.25 0.00
INDIAN POINT___3 23531	33.33 1.19 0.00	37.12 1.28 0.00	34.86 1.15 0.00	31.93 1.00 0.00	31.70 1.03 0.00	30.09 1.07 0.00	32.78 1.30 0.00	40.00 1.64 0.00	37.75 1.54 0.00	31.36 1.20 0.00	30.75 1.24 0.00	28.71 1.28 0.00	27.26 1.16 0.00	23.98 0.98 0.00	23.41 0.87 0.00	31.41 1.17 0.00	40.85 1.50 0.00	40.59 1.91 0.00	40.41 2.14 0.00	41.61 2.01 0.00	38.15 1.73 0.00	34.53 1.59 0.00	39.62 1.60 0.00	37.45 1.28 0.00
INGHAM_C_115KV_TB7 356103	32.05 -0.08 0.00	35.82 -0.02 0.00	33.69 -0.02 0.00	30.94 0.01 0.00	30.69 0.03 0.00	29.10 0.08 0.00	31.60 0.12 0.00	38.72 0.35 0.00	36.30 0.09 0.00	30.00 -0.15 0.00	29.30 -0.22 0.00	27.13 -0.29 0.00	25.67 -0.43 0.00	22.54 -0.46 0.00	22.08 -0.45 0.00	30.09 -0.14 0.00	39.49 0.14 0.00	39.45 0.78 0.00	39.28 1.02 0.00	40.39 0.79 0.00	36.86 0.44 0.00	33.35 0.40 0.00	38.18 0.16 0.00	36.06 -0.11 0.00
IP CORINTH___1 23988	33.47 1.33 0.00	37.29 1.45 0.00	35.09 1.37 0.00	32.21 1.28 0.00	31.80 1.13 0.00	30.17 1.16 0.00	32.89 1.41 0.00	40.43 2.07 0.00	37.94 1.73 0.00	31.23 1.07 0.00	30.52 1.00 0.00	28.26 0.84 0.00	26.77 0.67 0.00	23.54 0.54 0.00	23.21 0.67 0.00	31.59 1.36 0.00	41.41 2.05 0.00	40.98 2.30 0.00	40.63 2.37 0.00	41.85 2.25 0.00	38.19 1.77 0.00	34.56 1.61 0.00	39.58 1.55 0.00	37.49 1.32 0.00
IP___TICONDEROGA 23804	34.48 2.34 0.00	38.34 2.50 0.00	36.14 2.42 0.00	33.07 2.14 0.00	32.66 1.99 0.00	31.08 2.07 0.00	33.96 2.48 0.00	41.85 3.49 0.00	39.14 2.92 0.00	32.15 1.99 0.00	31.51 1.99 0.00	29.10 1.67 0.00	27.46 1.36 0.00	24.16 1.16 0.00	24.03 1.50 0.00	33.20 2.96 0.00	43.48 4.12 0.00	42.91 4.23 0.00	42.55 4.29 0.00	43.94 4.33 0.00	39.83 3.41 0.00	36.15 3.20 0.00	41.11 3.08 0.00	38.90 2.73 0.00
ISLIP_RES_REC 323679	34.68 2.54 0.00	38.61 2.76 0.00	36.23 2.52 0.00	33.06 2.13 0.00	32.86 2.19 0.00	31.32 2.31 0.00	33.99 2.50 0.00	41.58 3.21 0.00	39.17 2.96 0.00	32.22 2.07 0.00	31.73 2.21 0.00	29.65 2.22 0.00	28.07 1.97 0.00	24.77 1.77 0.00	24.04 1.51 0.00	32.29 2.05 0.00	42.47 3.12 0.00	42.18 3.50 0.00	41.90 3.64 0.00	43.44 3.84 0.00	39.77 3.35 0.00	35.98 3.04 0.00	41.21 3.18 0.00	38.89 2.72 0.00

JAMAICA__27_KV_LOAD 355505	33.73 1.59 0.00	37.54 1.70 0.00	35.27 1.56 0.00	32.27 1.34 0.00	32.03 1.36 0.00	30.42 1.41 0.00	33.19 1.70 0.00	40.44 2.08 0.00	38.30 2.08 0.00	31.92 1.76 0.00	31.26 1.75 0.00	29.20 1.77 0.00	27.81 1.71 0.00	24.43 1.43 0.00	23.85 1.31 0.00	31.99 1.75 0.00	41.42 2.07 0.00	41.22 2.54 0.00	41.07 2.81 0.00	42.25 2.65 0.00	38.76 2.34 0.00	35.11 2.17 0.00	40.25 2.22 0.00	37.98 1.81 0.00
JANIS__SOLAR 323808	33.23 1.10 0.00	37.01 1.16 0.00	34.86 1.15 0.00	31.94 1.01 0.00	31.71 1.04 0.00	30.07 1.05 0.00	32.73 1.24 0.00	39.87 1.51 0.00	37.72 1.51 0.00	31.46 1.31 0.00	30.64 1.13 0.00	28.32 0.89 0.00	26.71 0.62 0.00	23.40 0.40 0.00	22.93 0.39 0.00	31.08 0.84 0.00	40.78 1.42 0.00	40.60 1.92 0.00	40.35 2.08 0.00	41.59 1.98 0.00	38.03 1.61 0.00	34.37 1.43 0.00	39.61 1.59 0.00	37.56 1.39 0.00
JARVIS____ 23743	32.11 -0.03 0.00	35.81 -0.04 0.00	33.68 -0.03 0.00	30.90 -0.03 0.00	30.66 -0.01 0.00	29.01 0.00 0.00	31.51 0.02 0.00	38.41 0.04 0.00	36.21 0.01 0.00	30.13 -0.02 0.00	29.49 -0.03 0.00	27.41 -0.02 0.00	26.06 -0.04 0.00	22.95 -0.05 0.00	22.47 -0.06 0.00	30.21 -0.03 0.00	39.36 0.00 0.00	38.80 0.12 0.00	38.45 0.19 0.00	39.73 0.13 0.00	36.46 0.04 0.00	32.99 0.05 0.00	38.03 0.01 0.00	36.14 -0.03 0.00
JENNISON____1 23625	33.05 0.91 0.00	36.86 1.02 0.00	34.84 1.13 0.00	31.75 0.81 0.00	31.54 0.87 0.00	29.92 0.90 0.00	32.68 1.19 0.00	39.85 1.48 0.00	37.76 1.55 0.00	31.52 1.36 0.00	30.85 1.34 0.00	28.59 1.16 0.00	27.10 1.00 0.00	23.76 0.76 0.00	23.25 0.72 0.00	31.46 1.22 0.00	41.15 1.80 0.00	40.73 2.05 0.00	40.30 2.04 0.00	41.62 2.01 0.00	38.12 1.70 0.00	34.50 1.56 0.00	39.74 1.71 0.00	37.58 1.41 0.00
JENNISON____2 23626	33.05 0.91 0.00	36.86 1.02 0.00	34.84 1.13 0.00	31.75 0.81 0.00	31.54 0.87 0.00	29.92 0.90 0.00	32.68 1.19 0.00	39.85 1.48 0.00	37.76 1.55 0.00	31.52 1.36 0.00	30.85 1.34 0.00	28.59 1.16 0.00	27.10 1.00 0.00	23.76 0.76 0.00	23.25 0.72 0.00	31.46 1.22 0.00	41.15 1.80 0.00	40.73 2.05 0.00	40.30 2.04 0.00	41.62 2.01 0.00	38.12 1.70 0.00	34.50 1.56 0.00	39.74 1.71 0.00	37.58 1.41 0.00
JERICOHO_RISE_WT_PWR 323719	33.70 1.57 0.00	37.45 1.61 0.00	35.28 1.57 0.00	32.32 1.39 0.00	31.94 1.27 0.00	30.08 1.07 0.00	32.46 0.98 0.00	39.69 1.32 0.00	37.54 1.33 0.00	31.37 1.21 0.00	30.69 1.18 0.00	28.45 1.02 0.00	27.15 1.05 0.00	24.01 1.01 0.00	23.64 1.11 0.00	31.78 1.54 0.00	41.08 1.73 0.00	40.01 1.33 0.00	39.25 0.99 0.00	40.74 1.14 0.00	37.62 1.20 0.00	34.04 1.10 0.00	39.40 1.37 0.00	37.88 1.71 0.00
KATONAH__115KV_46KV_TB4 355592	33.56 1.43 0.00	37.37 1.52 0.00	35.11 1.40 0.00	32.18 1.25 0.00	31.95 1.28 0.00	30.32 1.30 0.00	33.03 1.54 0.00	40.33 1.96 0.00	38.05 1.84 0.00	31.59 1.43 0.00	31.01 1.49 0.00	28.91 1.48 0.00	27.44 1.34 0.00	24.12 1.11 0.00	23.55 1.02 0.00	31.65 1.42 0.00	41.22 1.86 0.00	40.94 2.25 0.00	40.74 2.47 0.00	41.92 2.31 0.00	38.41 1.99 0.00	34.76 1.82 0.00	39.88 1.86 0.00	37.69 1.52 0.00
KCE_NY_1 323755	33.48 1.35 0.00	37.31 1.47 0.00	35.10 1.39 0.00	32.22 1.29 0.00	31.89 1.23 0.00	30.22 1.20 0.00	32.90 1.42 0.00	40.24 1.87 0.00	37.75 1.54 0.00	31.24 1.08 0.00	30.55 1.03 0.00	28.31 0.88 0.00	26.83 0.74 0.00	23.61 0.61 0.00	23.23 0.69 0.00	31.51 1.28 0.00	41.26 1.90 0.00	40.83 2.15 0.00	40.48 2.22 0.00	41.66 2.05 0.00	38.06 1.64 0.00	34.47 1.53 0.00	39.56 1.53 0.00	37.51 1.34 0.00
KCE_NY_6_ESR 323823	30.65 -1.49 0.00	34.21 -1.63 0.00	32.15 -1.56 0.00	29.42 -1.51 0.00	29.13 -1.54 0.00	27.62 -1.39 0.00	29.79 -1.70 0.00	35.41 -2.95 0.00	33.02 -3.19 0.00	27.91 -2.24 0.00	27.20 -2.32 0.00	25.31 -2.12 0.00	24.24 -1.85 0.00	21.40 -1.60 0.00	20.87 -1.67 0.00	27.78 -2.46 0.00	35.66 -3.70 0.00	35.42 -3.26 0.00	35.50 -2.77 0.00	36.03 -3.58 0.00	32.67 -3.75 0.00	29.59 -3.35 0.00	34.72 -3.30 0.00	33.30 -2.88 0.00
KEDC PORT_JEFF_GT2 24210	34.42 2.29 0.00	38.32 2.48 0.00	35.96 2.25 0.00	32.82 1.89 0.00	32.62 1.96 0.00	31.08 2.07 0.00	33.77 2.28 0.00	41.35 2.98 0.00	38.95 2.74 0.00	32.07 1.91 0.00	31.60 2.08 0.00	29.53 2.11 0.00	27.96 1.86 0.00	24.67 1.67 0.00	23.94 1.40 0.00	32.15 1.91 0.00	42.25 2.90 0.00	41.94 3.26 0.00	41.66 3.39 0.00	43.18 3.58 0.00	39.55 3.13 0.00	35.78 2.84 0.00	40.98 2.96 0.00	38.69 2.52 0.00
KEDC PORT_JEFF_GT3 24211	34.42 2.29 0.00	38.32 2.48 0.00	35.96 2.25 0.00	32.82 1.89 0.00	32.62 1.96 0.00	31.08 2.07 0.00	33.77 2.28 0.00	41.35 2.98 0.00	38.95 2.74 0.00	32.07 1.91 0.00	31.60 2.08 0.00	29.53 2.11 0.00	27.96 1.86 0.00	24.67 1.67 0.00	23.94 1.40 0.00	32.15 1.91 0.00	42.25 2.90 0.00	41.94 3.26 0.00	41.66 3.39 0.00	43.18 3.58 0.00	39.55 3.13 0.00	35.78 2.84 0.00	40.98 2.96 0.00	38.69 2.52 0.00
KEDC_GLWD_GT4 24219	34.05 1.91 0.00	37.90 2.06 0.00	35.56 1.85 0.00	32.51 1.58 0.00	32.31 1.64 0.00	30.71 1.70 0.00	33.44 1.95 0.00	40.86 2.49 0.00	38.54 2.33 0.00	31.90 1.75 0.00	31.39 1.88 0.00	29.40 1.97 0.00	27.88 1.78 0.00	24.55 1.55 0.00	23.86 1.33 0.00	32.00 1.76 0.00	41.82 2.46 0.00	41.26 2.58 0.00	41.04 2.78 0.00	42.37 2.76 0.00	38.85 2.43 0.00	35.29 2.34 0.00	40.56 2.54 0.00	38.32 2.15 0.00
KEDC_GLWD_GT5 24220	34.05 1.91 0.00	37.90 2.06 0.00	35.56 1.85 0.00	32.51 1.58 0.00	32.31 1.64 0.00	30.71 1.70 0.00	33.44 1.95 0.00	40.86 2.49 0.00	38.54 2.33 0.00	31.90 1.75 0.00	31.39 1.88 0.00	29.40 1.97 0.00	27.88 1.78 0.00	24.55 1.55 0.00	23.86 1.33 0.00	32.00 1.76 0.00	41.82 2.46 0.00	41.26 2.58 0.00	41.04 2.78 0.00	42.37 2.76 0.00	38.85 2.43 0.00	35.29 2.34 0.00	40.56 2.54 0.00	38.32 2.15 0.00
KENSICO____ 23655	33.43 1.30 0.00	37.22 1.38 0.00	34.96 1.24 0.00	32.02 1.09 0.00	31.79 1.12 0.00	30.17 1.16 0.00	32.88 1.40 0.00	40.13 1.76 0.00	37.87 1.66 0.00	31.47 1.31 0.00	30.86 1.35 0.00	28.82 1.39 0.00	27.36 1.26 0.00	24.06 1.06 0.00	23.49 0.95 0.00	31.52 1.29 0.00	41.00 1.65 0.00	40.73 2.06 0.00	40.55 2.29 0.00	41.76 2.16 0.00	38.29 1.86 0.00	34.65 1.71 0.00	39.75 1.72 0.00	37.57 1.40 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.67 1.53 0.00	37.47 1.62 0.00	35.17 1.46 0.00	32.23 1.30 0.00	32.02 1.36 0.00	30.39 1.38 0.00	33.16 1.67 0.00	40.48 2.12 0.00	38.18 1.97 0.00	31.59 1.44 0.00	30.87 1.35 0.00	28.71 1.28 0.00	27.24 1.15 0.00	23.96 0.96 0.00	23.41 0.88 0.00	31.52 1.29 0.00	41.23 1.88 0.00	41.11 2.43 0.00	40.95 2.69 0.00	42.18 2.57 0.00	38.65 2.22 0.00	34.95 2.01 0.00	40.10 2.08 0.00	37.88 1.70 0.00

KIAC_JFK_GT1 23816	33.62 1.48 0.00	37.40 1.56 0.00	35.15 1.43 0.00	32.17 1.24 0.00	31.92 1.26 0.00	30.32 1.31 0.00	33.08 1.59 0.00	40.29 1.93 0.00	38.16 1.95 0.00	31.80 1.64 0.00	31.17 1.65 0.00	29.12 1.69 0.00	27.71 1.62 0.00	24.35 1.35 0.00	23.78 1.24 0.00	31.87 1.63 0.00	41.27 1.92 0.00	41.06 2.39 0.00	40.91 2.65 0.00	42.09 2.49 0.00	38.61 2.19 0.00	34.99 2.04 0.00	40.10 2.07 0.00	37.85 1.68 0.00
KIAC_JFK_GT2 23817	33.62 1.48 0.00	37.40 1.56 0.00	35.15 1.43 0.00	32.17 1.24 0.00	31.92 1.26 0.00	30.32 1.31 0.00	33.08 1.59 0.00	40.29 1.93 0.00	38.16 1.95 0.00	31.80 1.64 0.00	31.17 1.65 0.00	29.12 1.69 0.00	27.71 1.62 0.00	24.35 1.35 0.00	23.78 1.24 0.00	31.87 1.63 0.00	41.27 1.92 0.00	41.06 2.39 0.00	40.91 2.65 0.00	42.09 2.49 0.00	38.61 2.19 0.00	34.99 2.04 0.00	40.10 2.07 0.00	37.85 1.68 0.00
KIAC_JFK____ 323774	33.62 1.48 0.00	37.41 1.56 0.00	35.15 1.44 0.00	32.17 1.24 0.00	31.92 1.26 0.00	30.32 1.31 0.00	33.08 1.60 0.00	40.29 1.93 0.00	38.16 1.95 0.00	31.80 1.65 0.00	31.16 1.65 0.00	29.12 1.69 0.00	27.71 1.62 0.00	24.35 1.35 0.00	23.78 1.24 0.00	31.86 1.63 0.00	41.27 1.92 0.00	41.06 2.39 0.00	40.92 2.65 0.00	42.10 2.49 0.00	38.61 2.19 0.00	34.99 2.04 0.00	40.09 2.06 0.00	37.85 1.67 0.00
KINTIGH____ 23543	29.95 -2.19 0.00	33.46 -2.38 0.00	31.45 -2.26 0.00	28.78 -2.15 0.00	28.50 -2.17 0.00	27.02 -1.99 0.00	29.15 -2.34 0.00	34.74 -3.63 0.00	32.55 -3.66 0.00	27.49 -2.67 0.00	26.80 -2.71 0.00	24.95 -2.48 0.00	23.88 -2.22 0.00	21.09 -1.91 0.00	20.57 -1.96 0.00	27.35 -2.89 0.00	35.25 -4.11 0.00	35.03 -3.66 0.00	35.13 -3.13 0.00	35.71 -3.89 0.00	32.45 -3.97 0.00	29.38 -3.57 0.00	34.43 -3.59 0.00	33.02 -3.15 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	34.32 2.18 0.00	38.05 2.21 0.00	35.86 2.15 0.00	32.85 1.91 0.00	32.42 1.75 0.00	30.51 1.50 0.00	32.89 1.40 0.00	40.23 1.87 0.00	38.02 1.81 0.00	31.79 1.63 0.00	31.10 1.58 0.00	28.83 1.40 0.00	27.49 1.40 0.00	24.32 1.32 0.00	23.98 1.45 0.00	32.28 2.04 0.00	41.69 2.33 0.00	40.72 2.04 0.00	39.98 1.72 0.00	41.40 1.79 0.00	38.16 1.74 0.00	34.54 1.60 0.00	39.94 1.92 0.00	38.51 2.34 0.00
LACHUTE____HYDRO 323717	34.48 2.34 0.00	38.34 2.50 0.00	36.13 2.42 0.00	33.07 2.14 0.00	32.66 1.99 0.00	31.08 2.07 0.00	33.96 2.48 0.00	41.85 3.49 0.00	39.14 2.92 0.00	32.15 2.00 0.00	31.51 1.99 0.00	29.10 1.67 0.00	27.45 1.36 0.00	24.16 1.16 0.00	24.03 1.50 0.00	33.20 2.96 0.00	43.48 4.13 0.00	42.91 4.23 0.00	42.55 4.29 0.00	43.94 4.33 0.00	39.83 3.41 0.00	36.14 3.20 0.00	41.11 3.09 0.00	38.90 2.72 0.00
LAWRNCV_115KV_TB1 80681	32.51 0.37 0.00	36.42 0.58 0.00	34.28 0.57 0.00	31.44 0.51 0.00	31.11 0.44 0.00	29.13 0.12 0.00	31.41 -0.08 0.00	38.40 0.03 0.00	36.45 0.24 0.00	30.36 0.20 0.00	29.65 0.13 0.00	27.46 0.04 0.00	26.24 0.14 0.00	23.32 0.32 0.00	22.90 0.37 0.00	30.59 0.36 0.00	39.78 0.43 0.00	38.62 -0.06 0.00	37.81 -0.45 0.00	39.42 -0.18 0.00	36.46 0.04 0.00	32.95 0.01 0.00	38.33 0.31 0.00	36.71 0.54 0.00
LEDERLE____ 23769	33.43 1.30 0.00	37.25 1.41 0.00	34.98 1.27 0.00	32.03 1.10 0.00	31.80 1.13 0.00	30.18 1.17 0.00	32.90 1.42 0.00	40.15 1.78 0.00	37.89 1.68 0.00	31.47 1.32 0.00	30.84 1.32 0.00	28.80 1.37 0.00	27.35 1.25 0.00	24.06 1.06 0.00	23.49 0.95 0.00	31.52 1.28 0.00	40.98 1.63 0.00	40.73 2.05 0.00	40.56 2.30 0.00	41.78 2.17 0.00	38.29 1.87 0.00	34.66 1.72 0.00	39.77 1.74 0.00	37.57 1.40 0.00
LIGHTHSE_115KV_TB6 355974	31.29 -0.85 0.00	34.85 -0.99 0.00	32.79 -0.92 0.00	30.13 -0.81 0.00	29.88 -0.79 0.00	28.23 -0.78 0.00	30.65 -0.84 0.00	37.34 -1.03 0.00	35.26 -0.95 0.00	29.36 -0.80 0.00	28.64 -0.88 0.00	26.56 -0.87 0.00	25.23 -0.86 0.00	22.30 -0.70 0.00	21.81 -0.73 0.00	29.20 -1.04 0.00	38.25 -1.10 0.00	37.95 -0.73 0.00	37.69 -0.58 0.00	38.86 -0.75 0.00	35.61 -0.81 0.00	32.22 -0.73 0.00	37.27 -0.75 0.00	35.47 -0.70 0.00
LINDEN COGEN____ 23786	33.29 1.15 0.00	37.05 1.21 0.00	34.82 1.11 0.00	31.90 0.97 0.00	31.65 0.99 0.00	30.07 1.06 0.00	32.83 1.35 0.00	40.00 1.64 0.00	37.79 1.59 0.00	31.45 1.29 0.00	30.83 1.31 0.00	28.81 1.39 0.00	27.40 1.30 0.00	24.11 1.11 0.00	23.52 0.99 0.00	31.51 1.27 0.00	40.85 1.50 0.00	40.63 1.95 0.00	40.47 2.21 0.00	41.67 2.07 0.00	38.24 1.82 0.00	34.63 1.69 0.00	39.68 1.65 0.00	37.49 1.32 0.00
LINDHRST_69_KV_BK1 356055	34.39 2.25 0.00	38.25 2.41 0.00	35.89 2.18 0.00	32.78 1.85 0.00	32.59 1.92 0.00	31.00 1.99 0.00	33.73 2.25 0.00	41.26 2.89 0.00	38.90 2.69 0.00	32.11 1.95 0.00	31.60 2.08 0.00	29.55 2.12 0.00	27.99 1.89 0.00	24.67 1.67 0.00	23.96 1.43 0.00	32.16 1.92 0.00	42.18 2.83 0.00	41.95 3.27 0.00	41.70 3.44 0.00	43.10 3.50 0.00	39.51 3.08 0.00	35.75 2.80 0.00	40.93 2.90 0.00	38.65 2.48 0.00
LIPA_MISC_IPP 23656	34.36 2.22 0.00	38.29 2.44 0.00	35.94 2.22 0.00	32.78 1.85 0.00	32.57 1.90 0.00	31.06 2.05 0.00	33.74 2.26 0.00	41.31 2.94 0.00	38.91 2.69 0.00	31.99 1.83 0.00	31.51 2.00 0.00	29.46 2.03 0.00	27.87 1.78 0.00	24.62 1.62 0.00	23.87 1.33 0.00	32.09 1.85 0.00	42.18 2.82 0.00	41.78 3.11 0.00	41.47 3.21 0.00	43.11 3.50 0.00	39.47 3.05 0.00	35.72 2.77 0.00	40.94 2.91 0.00	38.63 2.46 0.00
LISF____SOLAR 323691	34.43 2.29 0.00	38.36 2.52 0.00	36.00 2.29 0.00	32.84 1.91 0.00	32.63 1.96 0.00	31.12 2.11 0.00	33.81 2.32 0.00	41.39 3.02 0.00	38.97 2.76 0.00	32.02 1.86 0.00	31.54 2.02 0.00	29.47 2.04 0.00	27.89 1.79 0.00	24.62 1.62 0.00	23.89 1.35 0.00	32.12 1.88 0.00	42.26 2.90 0.00	41.86 3.18 0.00	41.56 3.30 0.00	43.20 3.59 0.00	39.55 3.13 0.00	35.78 2.84 0.00	41.01 2.98 0.00	38.71 2.54 0.00
LITTLE FALLS____HYD 24013	32.05 -0.08 0.00	35.82 -0.02 0.00	33.69 -0.02 0.00	30.94 0.01 0.00	30.69 0.03 0.00	29.10 0.08 0.00	31.60 0.12 0.00	38.72 0.35 0.00	36.30 0.09 0.00	30.00 -0.15 0.00	29.30 -0.22 0.00	27.13 -0.29 0.00	25.67 -0.43 0.00	22.54 -0.46 0.00	22.08 -0.45 0.00	30.09 -0.14 0.00	39.49 0.14 0.00	39.45 0.78 0.00	39.28 1.02 0.00	40.39 0.79 0.00	36.86 0.44 0.00	33.35 0.40 0.00	38.18 0.16 0.00	36.06 -0.11 0.00
LITTLRIV_115KV_TB1 356100	33.00 0.86 0.00	36.94 1.10 0.00	34.77 1.06 0.00	31.87 0.93 0.00	31.54 0.87 0.00	29.55 0.54 0.00	31.86 0.37 0.00	38.97 0.60 0.00	36.96 0.75 0.00	30.72 0.56 0.00	29.98 0.46 0.00	27.76 0.33 0.00	26.54 0.44 0.00	23.58 0.58 0.00	23.16 0.62 0.00	31.02 0.79 0.00	40.42 1.06 0.00	39.23 0.55 0.00	38.39 0.13 0.00	40.03 0.42 0.00	37.02 0.60 0.00	33.45 0.50 0.00	38.88 0.86 0.00	37.20 1.03 0.00

LI_NEWBRDGE___DRP 323616	33.80 1.66 0.00	37.63 1.79 0.00	35.31 1.60 0.00	32.29 1.35 0.00	32.08 1.41 0.00	30.49 1.48 0.00	33.19 1.70 0.00	40.56 2.19 0.00	38.24 2.03 0.00	31.63 1.47 0.00	31.14 1.63 0.00	29.13 1.70 0.00	27.61 1.51 0.00	24.32 1.32 0.00	23.63 1.10 0.00	31.69 1.46 0.00	41.43 2.08 0.00	41.14 2.46 0.00	40.92 2.66 0.00	42.26 2.65 0.00	38.75 2.33 0.00	35.07 2.13 0.00	40.19 2.16 0.00	37.98 1.81 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.93 -2.20 0.00	33.44 -2.40 0.00	31.42 -2.29 0.00	28.71 -2.22 0.00	28.43 -2.24 0.00	27.00 -2.01 0.00	29.07 -2.42 0.00	34.40 -3.96 0.00	32.16 -4.05 0.00	27.22 -2.94 0.00	26.50 -3.01 0.00	24.62 -2.81 0.00	23.61 -2.49 0.00	20.82 -2.18 0.00	20.28 -2.25 0.00	26.94 -3.30 0.00	34.65 -4.70 0.00	34.53 -4.15 0.00	34.67 -3.59 0.00	35.10 -4.51 0.00	31.82 -4.60 0.00	28.82 -4.12 0.00	33.93 -4.09 0.00	32.64 -3.53 0.00
LOCKPORT___CC1 323769	29.91 -2.23 0.00	33.42 -2.42 0.00	31.40 -2.31 0.00	28.71 -2.22 0.00	28.42 -2.25 0.00	26.98 -2.03 0.00	29.06 -2.43 0.00	34.39 -3.98 0.00	32.14 -4.07 0.00	27.19 -2.97 0.00	26.50 -3.02 0.00	24.61 -2.82 0.00	23.59 -2.50 0.00	20.83 -2.17 0.00	20.29 -2.24 0.00	26.96 -3.28 0.00	34.63 -4.72 0.00	34.50 -4.18 0.00	34.64 -3.63 0.00	35.07 -4.53 0.00	31.79 -4.63 0.00	28.79 -4.15 0.00	33.90 -4.13 0.00	32.61 -3.56 0.00
LOCKPORT___CC2 323770	29.91 -2.23 0.00	33.42 -2.42 0.00	31.40 -2.31 0.00	28.71 -2.22 0.00	28.42 -2.25 0.00	26.98 -2.03 0.00	29.06 -2.43 0.00	34.39 -3.98 0.00	32.14 -4.07 0.00	27.19 -2.97 0.00	26.50 -3.02 0.00	24.61 -2.82 0.00	23.59 -2.50 0.00	20.83 -2.17 0.00	20.29 -2.24 0.00	26.96 -3.28 0.00	34.63 -4.72 0.00	34.50 -4.18 0.00	34.64 -3.63 0.00	35.07 -4.53 0.00	31.79 -4.63 0.00	28.79 -4.15 0.00	33.90 -4.13 0.00	32.61 -3.56 0.00
LOCKPORT___CC3 323771	29.91 -2.23 0.00	33.42 -2.42 0.00	31.40 -2.31 0.00	28.71 -2.22 0.00	28.42 -2.25 0.00	26.98 -2.03 0.00	29.06 -2.43 0.00	34.39 -3.98 0.00	32.14 -4.07 0.00	27.19 -2.97 0.00	26.50 -3.02 0.00	24.61 -2.82 0.00	23.59 -2.50 0.00	20.83 -2.17 0.00	20.29 -2.24 0.00	26.96 -3.28 0.00	34.63 -4.72 0.00	34.50 -4.18 0.00	34.64 -3.63 0.00	35.07 -4.53 0.00	31.79 -4.63 0.00	28.79 -4.15 0.00	33.90 -4.13 0.00	32.61 -3.56 0.00
LONG_LAKE_PHOENIX 24014	31.08 -1.06 0.00	34.64 -1.20 0.00	32.58 -1.14 0.00	29.88 -1.05 0.00	29.66 -1.01 0.00	28.07 -0.94 0.00	30.47 -1.02 0.00	37.07 -1.29 0.00	34.95 -1.26 0.00	29.16 -1.00 0.00	28.51 -1.01 0.00	26.49 -0.94 0.00	25.18 -0.92 0.00	22.18 -0.82 0.00	21.73 -0.80 0.00	29.10 -1.14 0.00	37.99 -1.37 0.00	37.56 -1.12 0.00	37.31 -0.96 0.00	38.45 -1.15 0.00	35.21 -1.21 0.00	31.83 -1.11 0.00	36.80 -1.23 0.00	35.05 -1.12 0.00
LOVETT___3 23632	33.29 1.15 0.00	37.08 1.24 0.00	34.82 1.11 0.00	31.89 0.96 0.00	31.66 0.99 0.00	30.04 1.03 0.00	32.75 1.26 0.00	39.96 1.59 0.00	37.71 1.50 0.00	31.33 1.17 0.00	30.70 1.19 0.00	28.67 1.24 0.00	27.22 1.13 0.00	23.94 0.95 0.00	23.38 0.84 0.00	31.37 1.13 0.00	40.77 1.42 0.00	40.52 1.84 0.00	40.34 2.08 0.00	41.55 1.95 0.00	38.11 1.68 0.00	34.48 1.54 0.00	39.57 1.54 0.00	37.40 1.23 0.00
LOVETT___4 23642	33.29 1.15 0.00	37.08 1.24 0.00	34.82 1.11 0.00	31.89 0.96 0.00	31.66 0.99 0.00	30.04 1.03 0.00	32.75 1.26 0.00	39.96 1.59 0.00	37.71 1.50 0.00	31.33 1.17 0.00	30.70 1.19 0.00	28.67 1.24 0.00	27.22 1.13 0.00	23.94 0.95 0.00	23.38 0.84 0.00	31.37 1.13 0.00	40.77 1.42 0.00	40.52 1.84 0.00	40.34 2.08 0.00	41.55 1.95 0.00	38.11 1.68 0.00	34.48 1.54 0.00	39.57 1.54 0.00	37.40 1.23 0.00
LOVETT___5 23593	33.29 1.15 0.00	37.08 1.24 0.00	34.82 1.11 0.00	31.89 0.96 0.00	31.66 0.99 0.00	30.04 1.03 0.00	32.75 1.26 0.00	39.96 1.59 0.00	37.71 1.50 0.00	31.33 1.17 0.00	30.70 1.19 0.00	28.67 1.24 0.00	27.22 1.13 0.00	23.94 0.95 0.00	23.38 0.84 0.00	31.37 1.13 0.00	40.77 1.42 0.00	40.52 1.84 0.00	40.34 2.08 0.00	41.55 1.95 0.00	38.11 1.68 0.00	34.48 1.54 0.00	39.57 1.54 0.00	37.40 1.23 0.00
LOWER RAQUET___HYD 24057	32.45 0.30 0.00	36.33 0.49 0.00	34.21 0.50 0.00	31.37 0.44 0.00	31.04 0.37 0.00	29.05 0.04 0.00	31.29 -0.20 0.00	38.27 -0.09 0.00	36.33 0.12 0.00	30.25 0.10 0.00	29.53 0.02 0.00	27.34 -0.09 0.00	26.12 0.03 0.00	23.22 0.22 0.00	22.80 0.27 0.00	30.48 0.24 0.00	39.66 0.31 0.00	38.51 -0.17 0.00	37.71 -0.55 0.00	39.31 -0.30 0.00	36.35 -0.07 0.00	32.86 -0.08 0.00	38.25 0.22 0.00	36.65 0.48 0.00
LOWER___HUDSON 24059	33.07 0.92 0.00	36.94 1.10 0.00	34.76 1.05 0.00	31.89 0.95 0.00	31.60 0.94 0.00	29.93 0.92 0.00	32.45 0.97 0.00	39.67 1.30 0.00	37.27 1.06 0.00	30.90 0.75 0.00	30.28 0.76 0.00	28.11 0.67 0.00	26.65 0.55 0.00	23.42 0.42 0.00	23.00 0.46 0.00	31.06 0.83 0.00	40.62 1.26 0.00	40.22 1.55 0.00	39.91 1.65 0.00	41.01 1.40 0.00	37.54 1.12 0.00	33.99 1.04 0.00	39.04 1.01 0.00	37.03 0.87 0.00
LOWVILLE_115KV_TB2 356335	32.38 0.24 0.00	36.06 0.22 0.00	33.98 0.26 0.00	31.26 0.33 0.00	30.99 0.32 0.00	29.28 0.26 0.00	31.76 0.27 0.00	38.85 0.48 0.00	36.76 0.55 0.00	30.58 0.42 0.00	29.71 0.19 0.00	27.43 0.00 0.00	26.04 -0.06 0.00	22.99 -0.01 0.00	22.55 0.01 0.00	30.30 0.06 0.00	39.82 0.47 0.00	39.50 0.83 0.00	39.10 0.84 0.00	40.41 0.80 0.00	37.10 0.68 0.00	33.48 0.54 0.00	38.67 0.65 0.00	36.76 0.59 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.46 1.32 0.00	37.31 1.47 0.00	35.10 1.40 0.00	32.21 1.28 0.00	31.90 1.23 0.00	30.22 1.21 0.00	32.86 1.37 0.00	40.20 1.83 0.00	37.76 1.55 0.00	31.25 1.09 0.00	30.55 1.04 0.00	28.32 0.90 0.00	26.85 0.75 0.00	23.61 0.62 0.00	23.23 0.69 0.00	31.48 1.24 0.00	41.21 1.86 0.00	40.80 2.12 0.00	40.46 2.20 0.00	41.63 2.02 0.00	38.07 1.64 0.00	34.45 1.51 0.00	39.55 1.53 0.00	37.49 1.32 0.00
LUTHERNY_35_KV_BK2 355980	33.49 1.35 0.00	37.31 1.47 0.00	35.10 1.39 0.00	32.22 1.29 0.00	31.89 1.23 0.00	30.21 1.20 0.00	32.91 1.42 0.00	40.24 1.87 0.00	37.75 1.54 0.00	31.24 1.08 0.00	30.55 1.04 0.00	28.31 0.88 0.00	26.84 0.74 0.00	23.61 0.61 0.00	23.23 0.69 0.00	31.52 1.28 0.00	41.26 1.90 0.00	40.83 2.15 0.00	40.48 2.23 0.00	41.66 2.05 0.00	38.06 1.64 0.00	34.47 1.53 0.00	39.55 1.53 0.00	37.51 1.33 0.00
LWR___OSWEGATCHIE_HYD 23850	32.08 -0.06 0.00	35.83 -0.02 0.00	33.74 0.03 0.00	30.99 0.06 0.00	30.69 0.02 0.00	28.85 -0.16 0.00	31.19 -0.30 0.00	38.15 -0.22 0.00	36.16 -0.05 0.00	30.08 -0.08 0.00	29.27 -0.24 0.00	27.05 -0.38 0.00	25.77 -0.32 0.00	22.86 -0.14 0.00	22.43 -0.10 0.00	30.06 -0.18 0.00	39.33 -0.03 0.00	38.62 -0.06 0.00	38.03 -0.23 0.00	39.47 -0.14 0.00	36.36 -0.06 0.00	32.84 -0.10 0.00	38.09 0.06 0.00	36.36 0.18 0.00

LYONS_FALL_HYD 23570	32.53 0.39 0.00	36.24 0.40 0.00	34.12 0.41 0.00	31.35 0.42 0.00	31.09 0.42 0.00	29.40 0.39 0.00	31.92 0.43 0.00	39.01 0.64 0.00	36.88 0.66 0.00	30.68 0.52 0.00	29.87 0.35 0.00	27.61 0.18 0.00	26.23 0.14 0.00	23.12 0.13 0.00	22.68 0.15 0.00	30.49 0.25 0.00	39.96 0.60 0.00	39.60 0.92 0.00	39.23 0.97 0.00	40.52 0.92 0.00	37.17 0.75 0.00	33.57 0.63 0.00	38.74 0.71 0.00	36.80 0.63 0.00
MADISON___COUNTY_LFGE 323628	32.73 0.59 0.00	36.48 0.63 0.00	34.30 0.58 0.00	31.48 0.55 0.00	31.23 0.56 0.00	29.57 0.56 0.00	32.15 0.67 0.00	39.20 0.83 0.00	37.02 0.81 0.00	30.83 0.67 0.00	30.08 0.56 0.00	27.84 0.41 0.00	26.45 0.35 0.00	23.26 0.26 0.00	22.78 0.24 0.00	30.69 0.46 0.00	40.05 0.70 0.00	39.74 1.06 0.00	39.44 1.18 0.00	40.68 1.08 0.00	37.27 0.85 0.00	33.67 0.72 0.00	38.81 0.79 0.00	36.85 0.68 0.00
MALONE___115KV_TB1 356076	33.89 1.75 0.00	37.71 1.87 0.00	35.52 1.80 0.00	32.54 1.61 0.00	32.16 1.49 0.00	30.27 1.26 0.00	32.68 1.19 0.00	39.98 1.62 0.00	37.91 1.69 0.00	31.64 1.48 0.00	30.90 1.38 0.00	28.63 1.20 0.00	27.32 1.23 0.00	24.21 1.21 0.00	23.83 1.29 0.00	31.99 1.75 0.00	41.45 2.10 0.00	40.39 1.71 0.00	39.60 1.33 0.00	41.12 1.52 0.00	37.97 1.55 0.00	34.34 1.39 0.00	39.78 1.75 0.00	38.19 2.02 0.00
MAPLEWOD_115KV_TB3 80458	32.85 0.71 0.00	36.67 0.83 0.00	34.50 0.79 0.00	31.64 0.71 0.00	31.38 0.71 0.00	29.72 0.70 0.00	32.22 0.74 0.00	39.35 0.98 0.00	37.01 0.80 0.00	30.71 0.56 0.00	30.09 0.58 0.00	27.97 0.54 0.00	26.55 0.45 0.00	23.36 0.36 0.00	22.91 0.38 0.00	30.86 0.63 0.00	40.32 0.97 0.00	39.95 1.27 0.00	39.64 1.38 0.00	40.75 1.14 0.00	37.32 0.90 0.00	33.77 0.83 0.00	38.80 0.78 0.00	36.82 0.65 0.00
MAPLE_RIDGE_WT_1 323574	32.25 0.11 0.00	35.98 0.14 0.00	33.87 0.16 0.00	31.07 0.13 0.00	30.78 0.11 0.00	29.10 0.08 0.00	31.54 0.06 0.00	38.47 0.10 0.00	36.37 0.16 0.00	30.31 0.15 0.00	29.66 0.15 0.00	27.54 0.11 0.00	26.24 0.15 0.00	23.16 0.16 0.00	22.71 0.18 0.00	30.45 0.22 0.00	39.59 0.23 0.00	38.71 0.03 0.00	38.16 -0.11 0.00	39.60 -0.01 0.00	36.50 0.07 0.00	33.00 0.06 0.00	38.15 0.13 0.00	36.35 0.18 0.00
MAPLE_RIDGE_WT_2 323611	32.25 0.11 0.00	35.98 0.14 0.00	33.87 0.16 0.00	31.07 0.13 0.00	30.78 0.11 0.00	29.10 0.08 0.00	31.54 0.06 0.00	38.47 0.10 0.00	36.37 0.16 0.00	30.31 0.15 0.00	29.66 0.15 0.00	27.54 0.11 0.00	26.24 0.15 0.00	23.16 0.16 0.00	22.71 0.18 0.00	30.45 0.22 0.00	39.59 0.23 0.00	38.71 0.03 0.00	38.16 -0.11 0.00	39.60 -0.01 0.00	36.50 0.07 0.00	33.00 0.06 0.00	38.15 0.13 0.00	36.35 0.18 0.00
MARBLE_RIVER_WT_PWR 323696	33.76 1.62 0.00	37.49 1.65 0.00	35.32 1.61 0.00	32.37 1.44 0.00	31.97 1.30 0.00	30.10 1.08 0.00	32.46 0.98 0.00	39.68 1.31 0.00	37.52 1.31 0.00	31.35 1.20 0.00	30.68 1.16 0.00	28.44 1.01 0.00	27.13 1.03 0.00	23.99 0.99 0.00	23.63 1.10 0.00	31.77 1.54 0.00	41.07 1.71 0.00	40.04 1.37 0.00	39.32 1.06 0.00	40.77 1.17 0.00	37.62 1.20 0.00	34.05 1.11 0.00	39.40 1.37 0.00	37.90 1.73 0.00
MARSHVLE_115KV_TB1 80742	34.06 1.92 0.00	37.86 2.02 0.00	35.56 1.85 0.00	32.64 1.71 0.00	32.37 1.71 0.00	30.57 1.56 0.00	33.35 1.87 0.00	40.61 2.25 0.00	38.55 2.34 0.00	31.96 1.80 0.00	31.14 1.62 0.00	28.83 1.40 0.00	27.40 1.30 0.00	24.12 1.12 0.00	23.64 1.11 0.00	31.84 1.60 0.00	41.60 2.24 0.00	41.02 2.34 0.00	40.61 2.35 0.00	42.04 2.43 0.00	38.64 2.22 0.00	34.98 2.04 0.00	40.46 2.44 0.00	38.45 2.28 0.00
MARSH_HILL_WT_PWR 323713	32.23 0.10 0.00	36.06 0.21 0.00	33.71 0.00 0.00	31.08 0.14 0.00	30.97 0.31 0.00	29.15 0.13 0.00	31.65 0.16 0.00	38.63 0.26 0.00	36.65 0.44 0.00	30.74 0.58 0.00	30.01 0.50 0.00	27.82 0.39 0.00	26.42 0.33 0.00	23.09 0.09 0.00	22.45 -0.08 0.00	30.23 0.00 0.00	39.59 0.24 0.00	39.54 0.86 0.00	39.57 1.31 0.00	40.76 1.16 0.00	37.09 0.67 0.00	33.56 0.62 0.00	38.52 0.50 0.00	36.54 0.36 0.00
MCINTYRE_115KV_TB2 80467	33.31 1.18 0.00	37.30 1.46 0.00	35.11 1.40 0.00	32.17 1.24 0.00	31.82 1.16 0.00	29.86 0.85 0.00	32.24 0.75 0.00	39.43 1.06 0.00	37.38 1.17 0.00	31.02 0.86 0.00	30.26 0.75 0.00	28.03 0.60 0.00	26.81 0.72 0.00	23.81 0.82 0.00	23.38 0.85 0.00	31.37 1.14 0.00	40.89 1.54 0.00	39.66 0.98 0.00	38.79 0.53 0.00	40.46 0.86 0.00	37.43 1.01 0.00	33.81 0.86 0.00	39.26 1.24 0.00	37.53 1.36 0.00
MECO_____69_KV_BK1 80468	35.29 3.15 0.00	39.24 3.40 0.00	36.84 3.13 0.00	33.80 2.87 0.00	33.53 2.86 0.00	31.71 2.70 0.00	34.66 3.17 0.00	42.34 3.98 0.00	39.95 3.75 0.00	32.57 2.42 0.00	31.45 1.93 0.00	28.87 1.44 0.00	27.06 0.97 0.00	23.88 0.88 0.00	23.56 1.03 0.00	32.68 2.45 0.00	43.20 3.85 0.00	43.10 4.42 0.00	42.71 4.45 0.00	44.08 4.47 0.00	40.38 3.96 0.00	36.44 3.50 0.00	42.02 3.99 0.00	39.77 3.60 0.00
MENANDS___115KV_TB5 355628	32.67 0.53 0.00	36.49 0.64 0.00	34.31 0.60 0.00	31.48 0.55 0.00	31.22 0.55 0.00	29.56 0.54 0.00	32.05 0.57 0.00	39.14 0.77 0.00	36.81 0.60 0.00	30.55 0.39 0.00	29.95 0.43 0.00	27.85 0.42 0.00	26.45 0.35 0.00	23.28 0.28 0.00	22.83 0.29 0.00	30.71 0.48 0.00	40.10 0.74 0.00	39.72 1.04 0.00	39.41 1.14 0.00	40.51 0.90 0.00	37.10 0.68 0.00	33.58 0.64 0.00	38.58 0.55 0.00	36.61 0.44 0.00
MG INDUSTRY___DRP 24185	32.78 0.64 0.00	36.55 0.71 0.00	34.44 0.72 0.00	31.61 0.68 0.00	31.32 0.66 0.00	29.63 0.62 0.00	32.14 0.65 0.00	39.21 0.84 0.00	36.79 0.58 0.00	30.49 0.33 0.00	29.89 0.38 0.00	27.78 0.35 0.00	26.39 0.29 0.00	23.21 0.21 0.00	22.74 0.21 0.00	30.66 0.43 0.00	40.18 0.83 0.00	39.79 1.11 0.00	39.45 1.19 0.00	40.61 1.00 0.00	37.22 0.79 0.00	33.67 0.73 0.00	38.73 0.71 0.00	36.77 0.60 0.00
MID___OSWEGATCHIE_HYD 23849	32.08 -0.06 0.00	35.83 -0.02 0.00	33.74 0.03 0.00	30.99 0.06 0.00	30.69 0.02 0.00	28.85 -0.16 0.00	31.19 -0.30 0.00	38.15 -0.22 0.00	36.16 -0.05 0.00	30.08 -0.08 0.00	29.27 -0.24 0.00	27.05 -0.38 0.00	25.77 -0.32 0.00	22.86 -0.14 0.00	22.43 -0.10 0.00	30.06 -0.18 0.00	39.33 -0.03 0.00	38.62 -0.06 0.00	38.03 -0.23 0.00	39.47 -0.14 0.00	36.36 -0.06 0.00	32.84 -0.10 0.00	38.09 0.06 0.00	36.36 0.18 0.00
MID___RAQUETTE_HYD 23851	32.45 0.30 0.00	36.34 0.49 0.00	34.21 0.49 0.00	31.37 0.44 0.00	31.04 0.37 0.00	29.05 0.04 0.00	31.29 -0.20 0.00	38.27 -0.09 0.00	36.33 0.12 0.00	30.25 0.09 0.00	29.53 0.02 0.00	27.34 -0.09 0.00	26.12 0.03 0.00	23.22 0.22 0.00	22.80 0.27 0.00	30.48 0.24 0.00	39.66 0.31 0.00	38.51 -0.17 0.00	37.71 -0.55 0.00	39.31 -0.30 0.00	36.35 -0.07 0.00	32.86 -0.08 0.00	38.25 0.22 0.00	36.65 0.48 0.00

MILLIKEN___1 23584	32.39 0.25 0.00	36.07 0.23 0.00	33.93 0.22 0.00	31.14 0.20 0.00	30.87 0.20 0.00	29.26 0.25 0.00	31.80 0.32 0.00	38.65 0.28 0.00	36.50 0.29 0.00	30.49 0.33 0.00	29.78 0.26 0.00	27.66 0.23 0.00	26.24 0.15 0.00	23.03 0.03 0.00	22.51 -0.03 0.00	30.24 0.01 0.00	39.53 0.17 0.00	39.24 0.56 0.00	39.02 0.75 0.00	40.21 0.61 0.00	36.81 0.39 0.00	33.28 0.34 0.00	38.39 0.37 0.00	36.46 0.29 0.00
MILLIKEN___2 23585	32.39 0.25 0.00	36.07 0.23 0.00	33.93 0.22 0.00	31.14 0.20 0.00	30.87 0.20 0.00	29.26 0.25 0.00	31.80 0.32 0.00	38.65 0.28 0.00	36.50 0.29 0.00	30.49 0.33 0.00	29.78 0.26 0.00	27.66 0.23 0.00	26.24 0.15 0.00	23.03 0.03 0.00	22.51 -0.03 0.00	30.24 0.01 0.00	39.53 0.17 0.00	39.24 0.56 0.00	39.02 0.75 0.00	40.21 0.61 0.00	36.81 0.39 0.00	33.28 0.34 0.00	38.39 0.37 0.00	36.46 0.29 0.00
MILLIKEN___DIESEL 23629	32.39 0.25 0.00	36.07 0.23 0.00	33.93 0.22 0.00	31.14 0.20 0.00	30.87 0.20 0.00	29.26 0.25 0.00	31.80 0.32 0.00	38.65 0.28 0.00	36.50 0.29 0.00	30.49 0.33 0.00	29.78 0.26 0.00	27.66 0.23 0.00	26.24 0.15 0.00	23.03 0.03 0.00	22.51 -0.03 0.00	30.24 0.01 0.00	39.53 0.17 0.00	39.24 0.56 0.00	39.02 0.75 0.00	40.21 0.61 0.00	36.81 0.39 0.00	33.28 0.34 0.00	38.39 0.37 0.00	36.46 0.29 0.00
MILLSEAT___LFGE 323607	30.55 -1.59 0.00	34.10 -1.74 0.00	32.04 -1.67 0.00	29.29 -1.64 0.00	29.02 -1.65 0.00	27.57 -1.45 0.00	29.74 -1.75 0.00	35.32 -3.05 0.00	33.08 -3.12 0.00	27.96 -2.20 0.00	27.21 -2.30 0.00	25.23 -2.20 0.00	24.14 -1.96 0.00	21.23 -1.77 0.00	20.66 -1.87 0.00	27.52 -2.72 0.00	35.56 -3.79 0.00	35.54 -3.14 0.00	35.66 -2.60 0.00	36.17 -3.44 0.00	32.81 -3.61 0.00	29.70 -3.24 0.00	34.86 -3.17 0.00	33.45 -2.72 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.39 1.25 0.00	37.18 1.34 0.00	34.92 1.21 0.00	31.98 1.05 0.00	31.75 1.09 0.00	30.13 1.12 0.00	32.84 1.36 0.00	40.07 1.71 0.00	37.82 1.61 0.00	31.42 1.26 0.00	30.82 1.30 0.00	28.77 1.34 0.00	27.31 1.22 0.00	24.02 1.02 0.00	23.45 0.92 0.00	31.47 1.23 0.00	40.93 1.58 0.00	40.66 1.99 0.00	40.48 2.22 0.00	41.70 2.09 0.00	38.22 1.80 0.00	34.60 1.65 0.00	39.69 1.66 0.00	37.52 1.35 0.00
MILLWOOD_13_KV_LOAD 356217	33.46 1.32 0.00	37.26 1.42 0.00	34.99 1.28 0.00	32.05 1.12 0.00	31.82 1.15 0.00	30.20 1.19 0.00	32.91 1.42 0.00	40.17 1.80 0.00	37.91 1.70 0.00	31.49 1.33 0.00	30.88 1.37 0.00	28.83 1.40 0.00	27.37 1.27 0.00	24.07 1.07 0.00	23.50 0.96 0.00	31.55 1.31 0.00	41.05 1.69 0.00	40.78 2.10 0.00	40.59 2.33 0.00	41.81 2.21 0.00	38.32 1.90 0.00	34.68 1.74 0.00	39.78 1.76 0.00	37.60 1.43 0.00
MODEL_CITY_ENERGY 24167	29.58 -2.56 0.00	33.04 -2.80 0.00	31.05 -2.66 0.00	28.38 -2.55 0.00	28.10 -2.57 0.00	26.68 -2.33 0.00	28.72 -2.77 0.00	33.96 -4.41 0.00	31.74 -4.48 0.00	26.85 -3.30 0.00	26.17 -3.35 0.00	24.30 -3.13 0.00	23.30 -2.80 0.00	20.58 -2.42 0.00	20.06 -2.48 0.00	26.63 -3.60 0.00	34.20 -5.15 0.00	34.07 -4.61 0.00	34.20 -4.07 0.00	34.62 -4.99 0.00	31.39 -5.03 0.00	28.43 -4.52 0.00	33.49 -4.53 0.00	32.25 -3.92 0.00
MODERN_LFGE___ 323580	29.58 -2.56 0.00	33.04 -2.80 0.00	31.05 -2.66 0.00	28.38 -2.55 0.00	28.10 -2.57 0.00	26.68 -2.33 0.00	28.72 -2.77 0.00	33.96 -4.41 0.00	31.74 -4.48 0.00	26.85 -3.30 0.00	26.17 -3.35 0.00	24.30 -3.13 0.00	23.30 -2.80 0.00	20.58 -2.42 0.00	20.06 -2.48 0.00	26.63 -3.60 0.00	34.20 -5.15 0.00	34.07 -4.61 0.00	34.20 -4.07 0.00	34.62 -4.99 0.00	31.39 -5.03 0.00	28.43 -4.52 0.00	33.49 -4.53 0.00	32.25 -3.92 0.00
MOHAWK_PAPER___DRP 24187	32.85 0.71 0.00	36.67 0.83 0.00	34.50 0.79 0.00	31.64 0.71 0.00	31.38 0.71 0.00	29.72 0.70 0.00	32.22 0.74 0.00	39.35 0.98 0.00	37.01 0.80 0.00	30.71 0.56 0.00	30.09 0.58 0.00	27.97 0.54 0.00	26.55 0.45 0.00	23.36 0.36 0.00	22.91 0.38 0.00	30.86 0.63 0.00	40.32 0.97 0.00	39.95 1.27 0.00	39.64 1.38 0.00	40.75 1.14 0.00	37.32 0.90 0.00	33.77 0.83 0.00	38.80 0.78 0.00	36.82 0.65 0.00
MOHICAN___35_KV_115KV_LD 80490	33.62 1.48 0.00	37.46 1.62 0.00	35.26 1.55 0.00	32.35 1.42 0.00	31.97 1.30 0.00	30.34 1.33 0.00	33.07 1.58 0.00	40.60 2.24 0.00	38.10 1.89 0.00	31.39 1.24 0.00	30.67 1.15 0.00	28.40 0.97 0.00	26.88 0.79 0.00	23.63 0.63 0.00	23.31 0.77 0.00	31.78 1.54 0.00	41.66 2.31 0.00	41.24 2.56 0.00	40.88 2.62 0.00	42.10 2.50 0.00	38.40 1.98 0.00	34.76 1.82 0.00	39.80 1.78 0.00	37.69 1.52 0.00
MONGAUP___HYD 23641	33.26 1.12 0.00	37.03 1.19 0.00	34.77 1.07 0.00	31.88 0.94 0.00	31.64 0.97 0.00	30.01 0.99 0.00	32.80 1.32 0.00	39.74 1.38 0.00	37.40 1.19 0.00	30.96 0.80 0.00	30.25 0.73 0.00	28.15 0.73 0.00	26.68 0.58 0.00	23.50 0.51 0.00	22.95 0.41 0.00	30.93 0.70 0.00	40.39 1.04 0.00	39.92 1.24 0.00	39.72 1.46 0.00	41.06 1.46 0.00	38.11 1.69 0.00	34.48 1.54 0.00	39.61 1.58 0.00	37.45 1.28 0.00
MONTAUK___DIESEL 23721	34.67 2.53 0.00	38.57 2.73 0.00	36.21 2.50 0.00	33.01 2.08 0.00	32.82 2.15 0.00	31.36 2.35 0.00	34.13 2.65 0.00	41.85 3.48 0.00	39.36 3.15 0.00	32.30 2.14 0.00	31.86 2.35 0.00	29.81 2.38 0.00	28.13 2.04 0.00	24.90 1.90 0.00	24.27 1.73 0.00	32.73 2.49 0.00	43.30 3.95 0.00	42.70 4.03 0.00	42.22 3.95 0.00	43.88 4.28 0.00	40.02 3.60 0.00	36.28 3.34 0.00	41.60 3.58 0.00	39.16 2.99 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	31.66 -0.48 0.00	35.30 -0.54 0.00	33.18 -0.53 0.00	30.37 -0.57 0.00	30.09 -0.57 0.00	28.52 -0.49 0.00	30.78 -0.70 0.00	36.82 -1.55 0.00	34.46 -1.75 0.00	29.11 -1.05 0.00	28.32 -1.19 0.00	26.41 -1.02 0.00	25.28 -0.82 0.00	22.26 -0.74 0.00	21.65 -0.88 0.00	28.84 -1.40 0.00	37.12 -2.24 0.00	36.86 -1.82 0.00	37.01 -1.26 0.00	37.66 -1.95 0.00	34.12 -2.30 0.00	30.94 -2.00 0.00	36.18 -1.85 0.00	34.54 -1.63 0.00
MORTIMER_115KV_TB3 55949	30.77 -1.37 0.00	34.33 -1.51 0.00	32.27 -1.44 0.00	29.56 -1.37 0.00	29.28 -1.39 0.00	27.77 -1.24 0.00	30.06 -1.43 0.00	36.09 -2.27 0.00	33.94 -2.27 0.00	28.53 -1.62 0.00	27.85 -1.67 0.00	25.87 -1.56 0.00	24.64 -1.46 0.00	21.72 -1.27 0.00	21.21 -1.32 0.00	28.30 -1.94 0.00	36.73 -2.62 0.00	36.52 -2.15 0.00	36.53 -1.73 0.00	37.31 -2.29 0.00	33.98 -2.44 0.00	30.73 -2.21 0.00	35.83 -2.20 0.00	34.23 -1.94 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.48 1.34 0.00	37.25 1.41 0.00	35.05 1.34 0.00	32.12 1.19 0.00	31.89 1.22 0.00	30.28 1.26 0.00	33.03 1.54 0.00	40.24 1.87 0.00	37.99 1.77 0.00	31.60 1.44 0.00	31.00 1.49 0.00	28.96 1.53 0.00	27.51 1.42 0.00	24.21 1.21 0.00	23.62 1.09 0.00	31.67 1.43 0.00	41.12 1.77 0.00	40.87 2.19 0.00	40.70 2.44 0.00	41.91 2.30 0.00	38.45 2.03 0.00	34.80 1.86 0.00	39.89 1.87 0.00	37.68 1.51 0.00

MUNSVILLE_WIND_PWR 323609	34.24 2.11 0.00	38.13 2.29 0.00	35.99 2.28 0.00	32.91 1.98 0.00	32.69 2.02 0.00	31.03 2.02 0.00	33.86 2.38 0.00	41.33 2.96 0.00	39.18 2.97 0.00	32.69 2.53 0.00	31.86 2.35 0.00	29.49 2.07 0.00	27.85 1.75 0.00	24.40 1.40 0.00	23.87 1.34 0.00	32.44 2.20 0.00	42.49 3.13 0.00	42.25 3.57 0.00	41.85 3.58 0.00	43.17 3.56 0.00	39.49 3.07 0.00	35.68 2.74 0.00	41.10 3.08 0.00	38.87 2.70 0.00
N SALMON___HYD 24042	33.89 1.75 0.00	37.71 1.87 0.00	35.52 1.80 0.00	32.54 1.60 0.00	32.16 1.49 0.00	30.27 1.26 0.00	32.68 1.19 0.00	39.98 1.62 0.00	37.91 1.69 0.00	31.64 1.48 0.00	30.89 1.38 0.00	28.63 1.20 0.00	27.32 1.23 0.00	24.21 1.21 0.00	23.83 1.29 0.00	31.99 1.75 0.00	41.45 2.09 0.00	40.39 1.71 0.00	39.60 1.33 0.00	41.12 1.52 0.00	37.97 1.55 0.00	34.34 1.39 0.00	39.78 1.75 0.00	38.19 2.02 0.00
N.AKRON__115KV_KNAPP 355671	30.54 -1.60 0.00	34.10 -1.74 0.00	32.03 -1.68 0.00	29.29 -1.64 0.00	29.01 -1.66 0.00	27.56 -1.45 0.00	29.72 -1.77 0.00	35.29 -3.07 0.00	33.05 -3.16 0.00	27.94 -2.22 0.00	27.19 -2.33 0.00	25.22 -2.21 0.00	24.19 -1.90 0.00	21.23 -1.77 0.00	20.66 -1.88 0.00	27.52 -2.72 0.00	35.54 -3.82 0.00	35.49 -3.19 0.00	35.62 -2.64 0.00	36.13 -3.48 0.00	32.77 -3.65 0.00	29.66 -3.28 0.00	34.82 -3.20 0.00	33.43 -2.75 0.00
N.BELMOR_69_KV_BK1 55787	34.06 1.92 0.00	37.90 2.06 0.00	35.56 1.86 0.00	32.51 1.58 0.00	32.31 1.64 0.00	30.71 1.70 0.00	33.44 1.95 0.00	40.86 2.49 0.00	38.53 2.32 0.00	31.86 1.70 0.00	31.36 1.85 0.00	29.35 1.92 0.00	27.81 1.72 0.00	24.49 1.50 0.00	23.81 1.27 0.00	31.93 1.70 0.00	41.79 2.44 0.00	41.52 2.84 0.00	41.31 3.05 0.00	42.65 3.05 0.00	39.09 2.67 0.00	35.39 2.44 0.00	40.54 2.52 0.00	38.29 2.12 0.00
N.E._GEN_SANDY PD 24062	33.21 1.07 0.00	37.06 1.22 0.00	34.87 1.16 0.00	31.96 1.03 0.00	31.72 1.05 0.00	32.98 1.04 -2.92	32.62 1.13 0.00	40.93 1.47 -1.09	37.48 1.27 0.00	31.09 0.93 0.00	30.54 1.03 0.00	28.39 0.97 0.00	26.92 0.82 0.00	24.23 0.63 -0.60	25.44 0.61 -2.30	30.81 0.98 0.41	45.75 1.40 -5.00	40.62 1.71 -0.23	43.23 1.87 -3.10	41.21 1.60 0.00	37.72 1.30 0.00	34.17 1.22 0.00	39.13 1.19 0.09	37.16 0.99 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.34 1.20 0.00	37.15 1.31 0.00	34.89 1.17 0.00	31.95 1.02 0.00	31.71 1.04 0.00	30.10 1.08 0.00	32.81 1.32 0.00	40.03 1.66 0.00	37.78 1.57 0.00	31.38 1.22 0.00	30.75 1.23 0.00	28.71 1.29 0.00	27.27 1.18 0.00	23.98 0.98 0.00	23.42 0.88 0.00	31.43 1.19 0.00	40.84 1.49 0.00	40.60 1.92 0.00	40.42 2.16 0.00	41.63 2.03 0.00	38.17 1.75 0.00	34.54 1.60 0.00	39.64 1.61 0.00	37.46 1.29 0.00
N.QUEENS_27_KV_LOAD 356247	33.40 1.26 0.00	37.28 1.44 0.00	35.03 1.32 0.00	32.06 1.13 0.00	31.81 1.14 0.00	30.23 1.22 0.00	32.95 1.46 0.00	40.17 1.80 0.00	38.05 1.84 0.00	31.68 1.52 0.00	31.07 1.55 0.00	29.04 1.61 0.00	27.57 1.48 0.00	24.26 1.26 0.00	23.65 1.12 0.00	31.69 1.45 0.00	41.11 1.75 0.00	40.88 2.20 0.00	40.71 2.44 0.00	41.93 2.32 0.00	38.51 2.09 0.00	34.86 1.92 0.00	39.92 1.89 0.00	37.71 1.54 0.00
N.TROY___115KV_TB1 355778	33.06 0.92 0.00	36.94 1.10 0.00	34.76 1.05 0.00	31.88 0.95 0.00	31.60 0.94 0.00	29.93 0.92 0.00	32.45 0.97 0.00	39.66 1.30 0.00	37.27 1.06 0.00	30.90 0.75 0.00	30.28 0.76 0.00	28.10 0.67 0.00	26.65 0.55 0.00	23.42 0.42 0.00	23.00 0.46 0.00	31.07 0.83 0.00	40.62 1.27 0.00	40.22 1.54 0.00	39.91 1.65 0.00	41.01 1.40 0.00	37.53 1.11 0.00	33.98 1.04 0.00	39.03 1.01 0.00	37.03 0.86 0.00
NARROWS_GT1_1 24228	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
NARROWS_GT1_2 24229	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
NARROWS_GT1_3 24230	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
NARROWS_GT1_4 24231	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
NARROWS_GT1_5 24232	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
NARROWS_GT1_6 24233	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
NARROWS_GT1_7 24234	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00

NARROWS_GT1_8 24235	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
NARROWS_GT2_1 24236	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
NARROWS_GT2_2 24237	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
NARROWS_GT2_3 24238	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
NARROWS_GT2_4 24239	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
NARROWS_GT2_5 24240	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
NARROWS_GT2_6 24241	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
NARROWS_GT2_7 24242	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
NARROWS_GT2_8 24243	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.54 0.00	38.69 2.27 0.00	35.03 2.08 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.48 1.34 0.00	37.34 1.50 0.00	35.17 1.46 0.00	32.29 1.36 0.00	31.99 1.32 0.00	30.29 1.28 0.00	32.85 1.37 0.00	40.15 1.78 0.00	37.67 1.46 0.00	31.15 0.99 0.00	30.43 0.92 0.00	28.19 0.76 0.00	26.71 0.61 0.00	23.45 0.45 0.00	23.04 0.50 0.00	31.17 0.93 0.00	41.05 1.70 0.00	40.92 2.24 0.00	40.61 2.35 0.00	41.70 2.10 0.00	38.13 1.70 0.00	34.48 1.54 0.00	39.62 1.60 0.00	37.55 1.38 0.00
NCHELSEA_115KV_TR2 355582	33.63 1.49 0.00	37.43 1.59 0.00	35.17 1.46 0.00	32.23 1.30 0.00	32.01 1.34 0.00	30.37 1.36 0.00	33.08 1.60 0.00	40.40 2.03 0.00	38.09 1.88 0.00	31.60 1.44 0.00	30.99 1.47 0.00	28.87 1.44 0.00	27.40 1.30 0.00	24.09 1.10 0.00	23.54 1.01 0.00	31.67 1.44 0.00	41.31 1.95 0.00	41.02 2.34 0.00	40.80 2.54 0.00	42.02 2.41 0.00	38.49 2.07 0.00	34.82 1.88 0.00	39.96 1.93 0.00	37.77 1.60 0.00
NEG CAPITAL___MECHNVIL 23645	33.43 1.30 0.00	37.31 1.47 0.00	35.08 1.37 0.00	32.19 1.26 0.00	31.89 1.22 0.00	30.21 1.20 0.00	32.83 1.35 0.00	40.17 1.81 0.00	37.74 1.53 0.00	31.25 1.09 0.00	30.57 1.05 0.00	28.33 0.90 0.00	26.85 0.76 0.00	23.62 0.62 0.00	23.22 0.69 0.00	31.47 1.24 0.00	41.21 1.85 0.00	40.80 2.12 0.00	40.47 2.21 0.00	41.62 2.01 0.00	38.06 1.64 0.00	34.45 1.51 0.00	39.54 1.51 0.00	37.49 1.32 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.40 -1.74 0.00	33.89 -1.95 0.00	31.86 -1.85 0.00	29.20 -1.74 0.00	28.94 -1.73 0.00	27.44 -1.57 0.00	29.73 -1.76 0.00	35.83 -2.53 0.00	33.73 -2.48 0.00	28.32 -1.84 0.00	27.65 -1.86 0.00	25.69 -1.74 0.00	24.42 -1.68 0.00	21.52 -1.48 0.00	21.03 -1.51 0.00	28.09 -2.14 0.00	36.55 -2.81 0.00	36.28 -2.40 0.00	36.22 -2.04 0.00	37.08 -2.53 0.00	33.81 -2.61 0.00	30.57 -2.37 0.00	35.56 -2.47 0.00	33.93 -2.24 0.00
NEG CENTRAL___DRP 24199	31.77 -0.37 0.00	35.32 -0.52 0.00	33.25 -0.46 0.00	30.55 -0.38 0.00	30.31 -0.36 0.00	28.72 -0.29 0.00	31.18 -0.30 0.00	37.77 -0.60 0.00	35.66 -0.55 0.00	29.90 -0.26 0.00	29.18 -0.33 0.00	27.10 -0.33 0.00	25.72 -0.37 0.00	22.59 -0.41 0.00	22.06 -0.48 0.00	29.53 -0.70 0.00	38.56 -0.79 0.00	38.32 -0.36 0.00	38.19 -0.07 0.00	39.32 -0.28 0.00	35.81 -0.61 0.00	32.48 -0.46 0.00	37.48 -0.55 0.00	35.68 -0.49 0.00
NEG CENTRAL___INDECK 23768	32.40 0.26 0.00	36.10 0.26 0.00	33.91 0.20 0.00	31.13 0.20 0.00	30.92 0.25 0.00	29.27 0.25 0.00	31.75 0.26 0.00	38.54 0.17 0.00	36.37 0.16 0.00	30.45 0.29 0.00	29.58 0.06 0.00	27.15 -0.28 0.00	25.76 -0.34 0.00	22.56 -0.44 0.00	21.98 -0.56 0.00	29.46 -0.77 0.00	38.60 -0.75 0.00	39.08 0.40 0.00	39.19 0.93 0.00	40.27 0.67 0.00	36.64 0.22 0.00	33.09 0.14 0.00	38.21 0.19 0.00	36.31 0.14 0.00

NEG CENTRAL___SENECA 23627	31.84 -0.30 0.00	35.37 -0.48 0.00	33.31 -0.41 0.00	30.66 -0.27 0.00	30.42 -0.24 0.00	28.82 -0.19 0.00	31.27 -0.22 0.00	37.83 -0.54 0.00	35.74 -0.47 0.00	30.04 -0.11 0.00	29.29 -0.22 0.00	27.16 -0.27 0.00	25.80 -0.30 0.00	22.63 -0.37 0.00	22.06 -0.47 0.00	29.53 -0.70 0.00	38.58 -0.77 0.00	38.40 -0.28 0.00	38.37 0.10 0.00	39.46 -0.14 0.00	35.80 -0.63 0.00	32.57 -0.37 0.00	37.50 -0.52 0.00	35.72 -0.45 0.00
NEG CENTRAL___STATE_STREET 24147	31.94 -0.20 0.00	35.60 -0.24 0.00	33.49 -0.22 0.00	30.68 -0.25 0.00	30.36 -0.31 0.00	28.84 -0.17 0.00	31.36 -0.13 0.00	37.91 -0.45 0.00	35.76 -0.45 0.00	29.96 -0.19 0.00	29.28 -0.23 0.00	27.23 -0.19 0.00	25.85 -0.25 0.00	22.68 -0.32 0.00	22.26 -0.27 0.00	29.83 -0.41 0.00	38.80 -0.55 0.00	38.53 -0.15 0.00	38.22 -0.04 0.00	39.38 -0.22 0.00	36.14 -0.28 0.00	32.70 -0.24 0.00	37.79 -0.23 0.00	35.93 -0.25 0.00
NEG MILLWOOD___DRP 24198	33.74 1.60 0.00	37.55 1.71 0.00	35.28 1.57 0.00	32.34 1.41 0.00	32.12 1.46 0.00	30.46 1.45 0.00	33.21 1.72 0.00	40.55 2.19 0.00	38.25 2.04 0.00	31.74 1.59 0.00	31.14 1.62 0.00	29.02 1.59 0.00	27.54 1.45 0.00	24.21 1.21 0.00	23.64 1.11 0.00	31.79 1.56 0.00	41.44 2.09 0.00	41.18 2.50 0.00	40.98 2.72 0.00	42.18 2.58 0.00	38.63 2.21 0.00	34.96 2.01 0.00	40.09 2.07 0.00	37.89 1.72 0.00
NEG NORTH_FLCN_SEA 23793	34.25 2.11 0.00	37.96 2.12 0.00	35.79 2.08 0.00	32.77 1.84 0.00	32.32 1.65 0.00	30.36 1.35 0.00	32.68 1.20 0.00	39.96 1.59 0.00	37.74 1.53 0.00	31.57 1.41 0.00	30.90 1.38 0.00	28.64 1.21 0.00	27.29 1.20 0.00	24.15 1.14 0.00	23.82 1.28 0.00	32.07 1.83 0.00	41.38 2.02 0.00	40.41 1.74 0.00	39.70 1.44 0.00	41.08 1.48 0.00	37.88 1.45 0.00	34.30 1.36 0.00	39.66 1.64 0.00	38.34 2.17 0.00
NEG NORTH_KES_CHATAGAY 23792	33.82 1.68 0.00	37.57 1.73 0.00	35.39 1.68 0.00	32.43 1.50 0.00	32.04 1.37 0.00	30.18 1.16 0.00	32.56 1.07 0.00	39.82 1.45 0.00	37.68 1.47 0.00	31.46 1.30 0.00	30.76 1.24 0.00	28.54 1.11 0.00	27.23 1.13 0.00	24.08 1.08 0.00	23.72 1.19 0.00	31.90 1.66 0.00	41.24 1.89 0.00	40.18 1.50 0.00	39.42 1.15 0.00	40.90 1.30 0.00	37.77 1.35 0.00	34.17 1.23 0.00	39.55 1.52 0.00	38.01 1.83 0.00
NEG NORTH___ALICE_FALLS 23915	34.32 2.18 0.00	38.05 2.21 0.00	35.86 2.15 0.00	32.85 1.91 0.00	32.42 1.75 0.00	30.51 1.50 0.00	32.89 1.40 0.00	40.23 1.87 0.00	38.02 1.81 0.00	31.79 1.63 0.00	31.10 1.58 0.00	28.83 1.40 0.00	27.49 1.40 0.00	24.32 1.32 0.00	23.98 1.45 0.00	32.28 2.04 0.00	41.69 2.33 0.00	40.72 2.04 0.00	39.98 1.72 0.00	41.40 1.79 0.00	38.16 1.74 0.00	34.54 1.60 0.00	39.94 1.92 0.00	38.51 2.34 0.00
NEG NORTH___LWR_SARANAC 23913	34.32 2.18 0.00	38.05 2.21 0.00	35.86 2.15 0.00	32.85 1.91 0.00	32.42 1.75 0.00	30.51 1.50 0.00	32.89 1.40 0.00	40.23 1.87 0.00	38.02 1.81 0.00	31.79 1.63 0.00	31.10 1.58 0.00	28.83 1.40 0.00	27.49 1.40 0.00	24.32 1.32 0.00	23.98 1.45 0.00	32.28 2.04 0.00	41.69 2.33 0.00	40.72 2.04 0.00	39.98 1.72 0.00	41.40 1.79 0.00	38.16 1.74 0.00	34.54 1.60 0.00	39.94 1.92 0.00	38.51 2.34 0.00
NEG NORTH___PLATTSBURG 23628	34.32 2.18 0.00	38.05 2.21 0.00	35.87 2.15 0.00	32.85 1.92 0.00	32.42 1.75 0.00	30.51 1.50 0.00	32.89 1.40 0.00	40.23 1.87 0.00	38.02 1.81 0.00	31.79 1.63 0.00	31.09 1.58 0.00	28.83 1.40 0.00	27.49 1.40 0.00	24.32 1.32 0.00	23.98 1.45 0.00	32.28 2.04 0.00	41.68 2.33 0.00	40.72 2.04 0.00	39.98 1.72 0.00	41.40 1.79 0.00	38.16 1.74 0.00	34.54 1.60 0.00	39.94 1.92 0.00	38.51 2.34 0.00
NEG WEST_LEA_LOCKPORT 23791	29.92 -2.22 0.00	33.43 -2.42 0.00	31.40 -2.31 0.00	28.71 -2.22 0.00	28.42 -2.25 0.00	26.99 -2.02 0.00	29.06 -2.43 0.00	34.39 -3.98 0.00	32.13 -4.08 0.00	27.20 -2.95 0.00	26.49 -3.02 0.00	24.60 -2.83 0.00	23.60 -2.50 0.00	20.83 -2.17 0.00	20.30 -2.24 0.00	26.94 -3.29 0.00	34.65 -4.71 0.00	34.50 -4.18 0.00	34.64 -3.63 0.00	35.07 -4.53 0.00	31.79 -4.63 0.00	28.79 -4.15 0.00	33.89 -4.13 0.00	32.61 -3.56 0.00
NEG WEST___LANCASTER 23811	31.39 -0.75 0.00	35.04 -0.80 0.00	32.93 -0.78 0.00	30.14 -0.79 0.00	29.86 -0.81 0.00	28.27 -0.74 0.00	30.48 -1.01 0.00	36.40 -1.96 0.00	33.86 -2.35 0.00	28.51 -1.65 0.00	27.77 -1.75 0.00	25.91 -1.52 0.00	24.82 -1.28 0.00	21.90 -1.10 0.00	21.37 -1.16 0.00	28.46 -1.78 0.00	36.63 -2.72 0.00	36.17 -2.51 0.00	35.98 -2.28 0.00	36.62 -2.98 0.00	33.23 -3.19 0.00	30.11 -2.83 0.00	35.26 -2.76 0.00	33.73 -2.44 0.00
NEG_PENN_ALLEGHNY 23528	32.01 -0.13 0.00	35.63 -0.21 0.00	33.53 -0.18 0.00	30.78 -0.15 0.00	30.56 -0.11 0.00	28.90 -0.11 0.00	31.35 -0.13 0.00	38.18 -0.19 0.00	36.00 -0.21 0.00	30.06 -0.09 0.00	29.38 -0.13 0.00	27.34 -0.09 0.00	26.04 -0.06 0.00	22.88 -0.12 0.00	22.34 -0.19 0.00	30.03 -0.21 0.00	39.11 -0.25 0.00	38.68 0.00 0.00	38.51 0.25 0.00	39.71 0.10 0.00	36.31 -0.11 0.00	32.82 -0.12 0.00	37.83 -0.20 0.00	35.89 -0.29 0.00
NEG___GEN_MONROE 24207	30.94 -1.21 0.00	34.53 -1.32 0.00	32.44 -1.27 0.00	29.71 -1.23 0.00	29.43 -1.24 0.00	27.92 -1.09 0.00	30.21 -1.28 0.00	36.23 -2.14 0.00	34.02 -2.19 0.00	28.64 -1.52 0.00	27.93 -1.59 0.00	25.93 -1.50 0.00	24.69 -1.41 0.00	21.75 -1.25 0.00	21.22 -1.31 0.00	28.31 -1.93 0.00	36.76 -2.59 0.00	36.61 -2.07 0.00	36.65 -1.61 0.00	37.39 -2.21 0.00	34.03 -2.39 0.00	30.78 -2.17 0.00	35.91 -2.12 0.00	34.33 -1.85 0.00
NEPA___ENERGY 23901	30.68 -1.45 0.00	34.18 -1.66 0.00	32.20 -1.51 0.00	29.49 -1.44 0.00	29.25 -1.42 0.00	27.65 -1.36 0.00	29.82 -1.67 0.00	35.81 -2.56 0.00	33.52 -2.69 0.00	28.28 -1.88 0.00	27.50 -2.01 0.00	25.70 -1.73 0.00	24.71 -1.39 0.00	21.74 -1.25 0.00	21.15 -1.39 0.00	28.24 -2.00 0.00	36.27 -3.09 0.00	35.95 -2.73 0.00	36.09 -2.17 0.00	36.88 -2.72 0.00	33.48 -2.94 0.00	30.29 -2.65 0.00	35.26 -2.76 0.00	33.60 -2.57 0.00
NEVERSINK___HYD 23608	33.25 1.11 0.00	36.94 1.10 0.00	34.68 0.97 0.00	31.80 0.86 0.00	31.59 0.92 0.00	29.97 0.95 0.00	32.68 1.19 0.00	39.91 1.54 0.00	37.64 1.43 0.00	31.16 1.00 0.00	30.42 0.91 0.00	28.30 0.87 0.00	26.86 0.76 0.00	23.62 0.62 0.00	23.09 0.55 0.00	31.09 0.86 0.00	40.67 1.31 0.00	40.52 1.84 0.00	40.33 2.07 0.00	41.56 1.96 0.00	38.09 1.67 0.00	34.44 1.50 0.00	39.51 1.49 0.00	37.36 1.19 0.00
NEWKRMKL_115KV_TB1 55635	32.49 0.36 0.00	36.27 0.43 0.00	34.12 0.41 0.00	31.30 0.37 0.00	31.05 0.38 0.00	29.40 0.38 0.00	31.89 0.40 0.00	38.94 0.58 0.00	36.63 0.42 0.00	30.41 0.25 0.00	29.80 0.28 0.00	27.73 0.30 0.00	26.35 0.25 0.00	23.20 0.20 0.00	22.74 0.21 0.00	30.58 0.34 0.00	39.92 0.56 0.00	39.53 0.85 0.00	39.21 0.95 0.00	40.33 0.73 0.00	36.95 0.53 0.00	33.43 0.49 0.00	38.42 0.40 0.00	36.44 0.27 0.00

NEWTON___FALLS_HYD 23847	32.08 -0.06 0.00	35.83 -0.02 0.00	33.74 0.03 0.00	30.99 0.06 0.00	30.69 0.02 0.00	28.85 -0.16 0.00	31.19 -0.30 0.00	38.15 -0.22 0.00	36.16 -0.05 0.00	30.08 -0.08 0.00	29.27 -0.24 0.00	27.05 -0.38 0.00	25.77 -0.32 0.00	22.86 -0.14 0.00	22.43 -0.10 0.00	30.06 -0.18 0.00	39.33 -0.03 0.00	38.62 -0.06 0.00	38.03 -0.23 0.00	39.47 -0.14 0.00	36.36 -0.06 0.00	32.84 -0.10 0.00	38.09 0.06 0.00	36.36 0.18 0.00
NGRID_A1_DSASP 323792	29.39 -2.75 0.00	32.85 -2.99 0.00	30.87 -2.84 0.00	28.23 -2.71 0.00	27.93 -2.74 0.00	26.52 -2.50 0.00	28.54 -2.95 0.00	33.59 -4.78 0.00	31.32 -4.89 0.00	26.51 -3.65 0.00	25.85 -3.67 0.00	24.01 -3.42 0.00	23.03 -3.07 0.00	20.38 -2.62 0.00	19.87 -2.66 0.00	26.36 -3.88 0.00	33.78 -5.57 0.00	33.63 -5.05 0.00	33.77 -4.50 0.00	34.16 -5.45 0.00	30.97 -5.45 0.00	28.05 -4.89 0.00	33.08 -4.94 0.00	32.01 -4.16 0.00
NGRID_A2_DSASP 323793	29.39 -2.75 0.00	32.85 -2.99 0.00	30.87 -2.84 0.00	28.23 -2.71 0.00	27.93 -2.74 0.00	26.52 -2.50 0.00	28.54 -2.95 0.00	33.59 -4.78 0.00	31.32 -4.89 0.00	26.51 -3.65 0.00	25.85 -3.67 0.00	24.01 -3.42 0.00	23.03 -3.07 0.00	20.38 -2.62 0.00	19.87 -2.66 0.00	26.36 -3.88 0.00	33.78 -5.57 0.00	33.63 -5.05 0.00	33.77 -4.50 0.00	34.16 -5.45 0.00	30.97 -5.45 0.00	28.05 -4.89 0.00	33.08 -4.94 0.00	32.01 -4.16 0.00
NGRID_A4_DSASP 323807	29.39 -2.75 0.00	32.85 -2.99 0.00	30.87 -2.84 0.00	28.23 -2.71 0.00	27.93 -2.74 0.00	26.52 -2.50 0.00	28.54 -2.95 0.00	33.59 -4.78 0.00	31.32 -4.89 0.00	26.51 -3.65 0.00	25.85 -3.67 0.00	24.01 -3.42 0.00	23.03 -3.07 0.00	20.38 -2.62 0.00	19.87 -2.66 0.00	26.36 -3.88 0.00	33.78 -5.57 0.00	33.63 -5.05 0.00	33.77 -4.50 0.00	34.16 -5.45 0.00	30.97 -5.45 0.00	28.05 -4.89 0.00	33.08 -4.94 0.00	32.01 -4.16 0.00
NIAGARA_115E_LBMP 323715	29.37 -2.77 0.00	32.83 -3.01 0.00	30.85 -2.87 0.00	28.19 -2.74 0.00	27.91 -2.76 0.00	26.50 -2.51 0.00	28.53 -2.96 0.00	33.70 -4.67 0.00	31.49 -4.72 0.00	26.64 -3.52 0.00	25.97 -3.55 0.00	24.12 -3.31 0.00	23.13 -2.97 0.00	20.45 -2.55 0.00	19.94 -2.60 0.00	26.45 -3.78 0.00	33.94 -5.42 0.00	33.80 -4.88 0.00	33.92 -4.34 0.00	34.33 -5.27 0.00	31.12 -5.30 0.00	28.19 -4.75 0.00	33.23 -4.79 0.00	32.03 -4.15 0.00
NIAGARA_115W_LBMP 323714	29.34 -2.80 0.00	32.78 -3.06 0.00	30.81 -2.90 0.00	28.16 -2.77 0.00	27.88 -2.79 0.00	26.47 -2.54 0.00	28.49 -3.00 0.00	33.51 -4.86 0.00	31.24 -4.97 0.00	26.45 -3.71 0.00	25.77 -3.75 0.00	23.95 -3.48 0.00	22.97 -3.12 0.00	20.32 -2.68 0.00	19.82 -2.72 0.00	26.29 -3.95 0.00	33.70 -5.65 0.00	33.54 -5.14 0.00	33.67 -4.59 0.00	34.07 -5.53 0.00	30.88 -5.54 0.00	27.99 -4.96 0.00	33.01 -5.02 0.00	31.96 -4.22 0.00
NIAGARA_230_LBMP 323716	29.61 -2.54 0.00	33.09 -2.75 0.00	31.10 -2.61 0.00	28.45 -2.48 0.00	28.15 -2.51 0.00	26.71 -2.30 0.00	28.77 -2.72 0.00	34.06 -4.31 0.00	31.82 -4.39 0.00	26.91 -3.25 0.00	26.24 -3.27 0.00	24.40 -3.03 0.00	23.40 -2.70 0.00	20.69 -2.31 0.00	20.17 -2.36 0.00	26.78 -3.45 0.00	34.37 -4.98 0.00	34.17 -4.51 0.00	34.29 -3.97 0.00	34.74 -4.86 0.00	31.51 -4.91 0.00	28.54 -4.41 0.00	33.60 -4.43 0.00	32.33 -3.84 0.00
NIAGARA___115KV_198_GIBSON 55903	29.35 -2.79 0.00	32.79 -3.05 0.00	30.81 -2.90 0.00	28.17 -2.77 0.00	27.88 -2.79 0.00	26.47 -2.54 0.00	28.49 -3.00 0.00	33.51 -4.86 0.00	31.25 -4.96 0.00	26.46 -3.70 0.00	25.77 -3.75 0.00	23.94 -3.49 0.00	22.98 -3.12 0.00	20.32 -2.68 0.00	19.82 -2.72 0.00	26.27 -3.96 0.00	33.71 -5.64 0.00	33.54 -5.14 0.00	33.67 -4.59 0.00	34.07 -5.54 0.00	30.89 -5.54 0.00	27.99 -4.96 0.00	33.01 -5.02 0.00	31.96 -4.21 0.00
NIAGARA____ 23760	29.61 -2.54 0.00	33.09 -2.75 0.00	31.10 -2.61 0.00	28.45 -2.48 0.00	28.15 -2.51 0.00	26.71 -2.30 0.00	28.77 -2.72 0.00	34.06 -4.31 0.00	31.82 -4.39 0.00	26.91 -3.25 0.00	26.24 -3.27 0.00	24.40 -3.03 0.00	23.40 -2.70 0.00	20.69 -2.31 0.00	20.17 -2.36 0.00	26.78 -3.45 0.00	34.37 -4.98 0.00	34.17 -4.51 0.00	34.29 -3.97 0.00	34.74 -4.86 0.00	31.51 -4.91 0.00	28.54 -4.41 0.00	33.60 -4.43 0.00	32.33 -3.84 0.00
NINE_MILE_1 23575	30.79 -1.34 0.00	34.32 -1.52 0.00	32.29 -1.42 0.00	29.63 -1.30 0.00	29.37 -1.30 0.00	27.81 -1.21 0.00	30.18 -1.30 0.00	36.69 -1.67 0.00	34.60 -1.61 0.00	28.86 -1.30 0.00	28.23 -1.28 0.00	26.23 -1.20 0.00	24.96 -1.14 0.00	22.00 -0.99 0.00	21.55 -0.98 0.00	28.86 -1.38 0.00	37.59 -1.77 0.00	37.12 -1.56 0.00	36.82 -1.44 0.00	37.99 -1.62 0.00	34.85 -1.58 0.00	31.50 -1.44 0.00	36.45 -1.58 0.00	34.75 -1.42 0.00
NINE_MILE_2 23744	30.80 -1.34 0.00	34.33 -1.51 0.00	32.29 -1.42 0.00	29.63 -1.30 0.00	29.38 -1.29 0.00	27.81 -1.21 0.00	30.18 -1.30 0.00	36.69 -1.67 0.00	34.60 -1.61 0.00	28.87 -1.29 0.00	28.24 -1.28 0.00	26.23 -1.20 0.00	24.96 -1.14 0.00	22.01 -0.99 0.00	21.56 -0.98 0.00	28.86 -1.38 0.00	37.59 -1.77 0.00	37.13 -1.56 0.00	36.83 -1.44 0.00	37.99 -1.62 0.00	34.85 -1.57 0.00	31.51 -1.44 0.00	36.45 -1.57 0.00	34.75 -1.42 0.00
NM_CAPITAL___DRP 24208	32.59 0.45 0.00	36.38 0.54 0.00	34.24 0.52 0.00	31.40 0.47 0.00	31.14 0.48 0.00	29.49 0.48 0.00	31.98 0.49 0.00	39.04 0.67 0.00	36.72 0.51 0.00	30.48 0.32 0.00	29.88 0.37 0.00	27.79 0.36 0.00	26.40 0.31 0.00	23.24 0.24 0.00	22.78 0.25 0.00	30.65 0.41 0.00	40.01 0.65 0.00	39.62 0.94 0.00	39.31 1.05 0.00	40.41 0.81 0.00	37.02 0.60 0.00	33.50 0.56 0.00	38.50 0.47 0.00	36.53 0.36 0.00
NM_CENTRAL___DRP 24181	31.37 -0.77 0.00	34.96 -0.88 0.00	32.87 -0.84 0.00	30.17 -0.77 0.00	29.93 -0.74 0.00	28.33 -0.68 0.00	30.75 -0.74 0.00	37.33 -1.04 0.00	35.21 -1.01 0.00	29.37 -0.79 0.00	28.72 -0.79 0.00	26.69 -0.74 0.00	25.38 -0.71 0.00	22.36 -0.64 0.00	21.90 -0.64 0.00	29.34 -0.90 0.00	38.24 -1.12 0.00	37.82 -0.86 0.00	37.58 -0.69 0.00	38.73 -0.88 0.00	35.46 -0.96 0.00	32.06 -0.89 0.00	37.05 -0.97 0.00	35.29 -0.88 0.00
NM_FRONTIER___DRP 24179	29.35 -2.79 0.00	32.79 -3.05 0.00	30.81 -2.90 0.00	28.17 -2.77 0.00	27.88 -2.79 0.00	26.47 -2.54 0.00	28.49 -3.00 0.00	33.51 -4.86 0.00	31.25 -4.96 0.00	26.46 -3.70 0.00	25.77 -3.75 0.00	23.94 -3.49 0.00	22.98 -3.12 0.00	20.32 -2.68 0.00	19.82 -2.72 0.00	26.27 -3.96 0.00	33.71 -5.64 0.00	33.54 -5.14 0.00	33.67 -4.59 0.00	34.07 -5.54 0.00	30.89 -5.54 0.00	27.99 -4.96 0.00	33.01 -5.02 0.00	31.96 -4.21 0.00
NM_ST_REGIS___HYD 24053	32.88 0.74 0.00	36.74 0.90 0.00	34.59 0.88 0.00	31.71 0.78 0.00	31.36 0.70 0.00	29.41 0.40 0.00	31.68 0.20 0.00	38.77 0.40 0.00	36.79 0.58 0.00	30.66 0.49 0.00	29.93 0.41 0.00	27.72 0.29 0.00	26.48 0.38 0.00	23.51 0.51 0.00	23.11 0.57 0.00	30.92 0.69 0.00	40.18 0.83 0.00	39.06 0.38 0.00	38.23 -0.03 0.00	39.82 0.22 0.00	36.82 0.40 0.00	33.28 0.34 0.00	38.69 0.67 0.00	37.09 0.92 0.00

NORTHPORT___1 23551	34.17 2.03 0.00	38.03 2.19 0.00	35.68 1.97 0.00	32.60 1.67 0.00	32.41 1.74 0.00	30.82 1.81 0.00	33.50 2.01 0.00	40.99 2.63 0.00	38.64 2.43 0.00	31.89 1.74 0.00	31.43 1.91 0.00	29.41 1.98 0.00	27.85 1.76 0.00	24.55 1.55 0.00	23.83 1.29 0.00	31.93 1.70 0.00	41.90 2.55 0.00	41.57 2.89 0.00	41.33 3.06 0.00	42.74 3.14 0.00	39.19 2.77 0.00	35.48 2.54 0.00	40.63 2.61 0.00	38.40 2.23 0.00
NORTHPORT___2 23552	34.18 2.03 0.00	38.03 2.19 0.00	35.68 1.97 0.00	32.60 1.67 0.00	32.42 1.75 0.00	30.82 1.81 0.00	33.47 1.99 0.00	40.99 2.62 0.00	38.63 2.42 0.00	31.88 1.72 0.00	31.44 1.93 0.00	29.44 2.01 0.00	27.87 1.77 0.00	24.57 1.57 0.00	23.83 1.30 0.00	31.89 1.66 0.00	41.88 2.52 0.00	41.56 2.87 0.00	41.31 3.05 0.00	42.72 3.11 0.00	39.18 2.76 0.00	35.48 2.54 0.00	40.60 2.57 0.00	38.41 2.24 0.00
NORTHPORT___3 23553	33.86 1.72 0.00	37.68 1.85 0.00	35.37 1.66 0.00	32.32 1.39 0.00	32.13 1.46 0.00	30.53 1.52 0.00	33.17 1.69 0.00	40.56 2.19 0.00	38.22 2.01 0.00	31.55 1.39 0.00	31.17 1.66 0.00	29.17 1.74 0.00	27.63 1.54 0.00	24.34 1.34 0.00	23.57 1.04 0.00	31.57 1.33 0.00	41.38 2.02 0.00	41.09 2.41 0.00	40.85 2.59 0.00	42.20 2.60 0.00	38.71 2.29 0.00	35.05 2.10 0.00	40.14 2.12 0.00	38.00 1.83 0.00
NORTHPORT___4 23650	33.86 1.72 0.00	37.68 1.85 0.00	35.37 1.66 0.00	32.32 1.39 0.00	32.13 1.46 0.00	30.53 1.52 0.00	33.17 1.69 0.00	40.56 2.19 0.00	38.22 2.01 0.00	31.55 1.39 0.00	31.17 1.66 0.00	29.17 1.74 0.00	27.63 1.54 0.00	24.34 1.34 0.00	23.57 1.04 0.00	31.57 1.33 0.00	41.38 2.02 0.00	41.09 2.41 0.00	40.85 2.59 0.00	42.20 2.60 0.00	38.71 2.29 0.00	35.05 2.10 0.00	40.14 2.12 0.00	38.00 1.83 0.00
NORTHPORT___IC 23718	34.18 2.03 0.00	38.03 2.19 0.00	35.68 1.97 0.00	32.60 1.67 0.00	32.42 1.75 0.00	30.82 1.81 0.00	33.47 1.99 0.00	40.99 2.62 0.00	38.63 2.42 0.00	31.88 1.72 0.00	31.44 1.93 0.00	29.44 2.01 0.00	27.87 1.77 0.00	24.57 1.57 0.00	23.83 1.30 0.00	31.89 1.66 0.00	41.88 2.52 0.00	41.56 2.87 0.00	41.31 3.05 0.00	42.72 3.11 0.00	39.18 2.76 0.00	35.48 2.54 0.00	40.60 2.57 0.00	38.41 2.24 0.00
NORTH___COUNTRY_ESR 323785	33.70 1.57 0.00	37.45 1.61 0.00	35.28 1.57 0.00	32.32 1.39 0.00	31.94 1.27 0.00	30.08 1.07 0.00	32.46 0.98 0.00	39.69 1.32 0.00	37.54 1.33 0.00	31.37 1.21 0.00	30.69 1.18 0.00	28.45 1.02 0.00	27.15 1.05 0.00	24.01 1.01 0.00	23.64 1.11 0.00	31.78 1.54 0.00	41.08 1.73 0.00	40.01 1.33 0.00	39.25 0.99 0.00	40.74 1.14 0.00	37.62 1.20 0.00	34.04 1.10 0.00	39.40 1.37 0.00	37.88 1.71 0.00
NPX_GEN_1385_PROXY 323591	34.35 2.21 0.00	38.10 2.26 0.00	35.78 2.06 0.00	32.61 1.67 0.00	32.59 1.92 0.00	30.81 1.80 0.00	33.31 1.83 0.00	41.20 2.83 0.00	38.85 2.64 0.00	32.18 2.03 0.00	31.72 2.20 0.00	29.72 2.30 0.00	28.00 1.90 0.00	24.74 1.74 0.00	24.04 1.51 0.00	31.88 1.64 0.00	42.46 3.11 0.00	40.25 3.30 1.73	41.80 3.54 0.00	43.14 3.54 0.00	39.74 3.31 0.00	36.09 3.14 0.00	41.11 3.08 0.00	38.97 2.80 0.00
NPX_GEN_CSC 323557	34.41 2.27 0.00	38.39 2.55 0.00	36.03 2.32 0.00	32.84 1.91 0.00	32.61 1.94 0.00	31.15 2.14 0.00	33.85 2.36 0.00	41.44 3.08 0.00	39.02 2.81 0.00	32.08 1.92 0.00	31.59 2.08 0.00	29.52 2.10 0.00	27.94 1.84 0.00	24.67 1.67 0.00	23.94 1.41 0.00	32.19 1.95 0.00	42.29 2.94 0.00	40.08 3.13 1.73	41.45 3.19 0.00	43.23 3.63 0.00	39.57 3.15 0.00	35.79 2.85 0.00	41.04 3.01 0.00	38.71 2.54 0.00
NSINS_S_GLNS_FALLS 23858	33.59 1.45 0.00	37.43 1.58 0.00	35.22 1.51 0.00	32.32 1.39 0.00	31.94 1.27 0.00	30.30 1.29 0.00	33.03 1.54 0.00	40.58 2.21 0.00	38.08 1.86 0.00	31.36 1.20 0.00	30.64 1.12 0.00	28.37 0.94 0.00	26.87 0.77 0.00	23.62 0.62 0.00	23.30 0.76 0.00	31.74 1.50 0.00	41.61 2.25 0.00	41.18 2.50 0.00	40.83 2.57 0.00	42.05 2.44 0.00	38.36 1.94 0.00	34.72 1.78 0.00	39.76 1.74 0.00	37.65 1.48 0.00
NUCOR_STEEL___DRP 24197	31.91 -0.23 0.00	35.57 -0.27 0.00	33.46 -0.25 0.00	30.64 -0.29 0.00	30.31 -0.36 0.00	28.81 -0.21 0.00	31.32 -0.16 0.00	37.85 -0.52 0.00	35.70 -0.51 0.00	29.91 -0.25 0.00	29.24 -0.27 0.00	27.21 -0.22 0.00	25.81 -0.28 0.00	22.66 -0.35 0.00	22.25 -0.29 0.00	29.81 -0.43 0.00	38.74 -0.61 0.00	38.49 -0.19 0.00	38.15 -0.11 0.00	39.31 -0.30 0.00	36.11 -0.31 0.00	32.66 -0.28 0.00	37.76 -0.26 0.00	35.89 -0.28 0.00
NUMBER_THREE_WT_PWR 323818	32.34 0.20 0.00	36.01 0.17 0.00	33.93 0.22 0.00	31.22 0.29 0.00	30.95 0.28 0.00	29.23 0.22 0.00	31.71 0.22 0.00	38.78 0.41 0.00	36.70 0.49 0.00	30.53 0.37 0.00	29.66 0.14 0.00	27.39 -0.04 0.00	26.00 -0.10 0.00	22.97 -0.03 0.00	22.52 -0.01 0.00	30.26 0.02 0.00	39.77 0.42 0.00	39.44 0.76 0.00	39.04 0.78 0.00	40.35 0.75 0.00	37.04 0.61 0.00	33.43 0.49 0.00	38.63 0.60 0.00	36.72 0.55 0.00
NYISO_LBMP_REFERENCE 24008	32.14 0.00 0.00	35.84 0.00 0.00	33.71 0.00 0.00	30.93 0.00 0.00	30.67 0.00 0.00	29.01 0.00 0.00	31.49 0.00 0.00	38.37 0.00 0.00	36.21 0.00 0.00	30.16 0.00 0.00	29.51 0.00 0.00	27.43 0.00 0.00	26.10 0.00 0.00	23.00 0.00 0.00	22.53 0.00 0.00	30.24 0.00 0.00	39.35 0.00 0.00	38.68 0.00 0.00	38.26 0.00 0.00	39.60 0.00 0.00	36.42 0.00 0.00	32.94 0.00 0.00	38.03 0.00 0.00	36.17 0.00 0.00
NYPA_BRENTWD___GT 24164	34.49 2.35 0.00	38.37 2.53 0.00	36.00 2.29 0.00	32.89 1.96 0.00	32.69 2.02 0.00	31.10 2.09 0.00	33.81 2.33 0.00	41.38 3.02 0.00	39.01 2.80 0.00	32.16 2.00 0.00	31.67 2.16 0.00	29.62 2.19 0.00	28.05 1.95 0.00	24.73 1.73 0.00	24.00 1.47 0.00	32.21 1.97 0.00	42.30 2.95 0.00	41.97 3.29 0.00	41.64 3.38 0.00	43.11 3.51 0.00	39.59 3.16 0.00	35.83 2.89 0.00	41.02 2.99 0.00	38.75 2.58 0.00
NYPA_GOWANUS___GT5 24156	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.32 1.96 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.53 0.00	38.68 2.26 0.00	35.02 2.07 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00
NYPA_GOWANUS___GT6 24157	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.39 1.45 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.67 0.00	29.16 1.73 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.62 0.00	41.32 1.96 0.00	41.06 2.38 0.00	40.90 2.64 0.00	42.14 2.53 0.00	38.68 2.26 0.00	35.02 2.07 -0.01	84.65 2.06 -44.56	37.91 1.73 0.00

NYPA_HARLEM__RVR__GT1 24160	33.34 1.20 0.00	37.21 1.37 0.00	35.00 1.29 0.00	32.04 1.11 0.00	31.79 1.13 0.00	30.22 1.20 0.00	32.93 1.44 0.00	40.12 1.76 0.00	37.97 1.76 0.00	31.61 1.45 0.00	30.99 1.48 0.00	28.97 1.54 0.00	27.51 1.42 0.00	24.21 1.21 0.00	23.60 1.07 0.00	31.62 1.39 0.00	41.02 1.67 0.00	40.80 2.12 0.00	40.62 2.36 0.00	41.84 2.23 0.00	38.42 2.00 0.00	34.79 1.84 0.00	39.82 1.80 0.00	37.64 1.47 0.00
NYPA_HARLEM__RVR__GT2 24161	33.34 1.20 0.00	37.21 1.37 0.00	35.00 1.29 0.00	32.04 1.11 0.00	31.79 1.13 0.00	30.22 1.20 0.00	32.93 1.44 0.00	40.12 1.76 0.00	37.97 1.76 0.00	31.61 1.45 0.00	30.99 1.48 0.00	28.97 1.54 0.00	27.51 1.42 0.00	24.21 1.21 0.00	23.60 1.07 0.00	31.62 1.39 0.00	41.02 1.67 0.00	40.80 2.12 0.00	40.62 2.36 0.00	41.84 2.23 0.00	38.42 2.00 0.00	34.79 1.84 0.00	39.82 1.80 0.00	37.64 1.47 0.00
NYPA_KENT____GT 24152	33.57 1.43 0.00	37.38 1.54 0.00	35.23 1.51 0.00	32.29 1.36 0.00	32.05 1.38 0.00	30.45 1.44 0.00	33.17 1.68 0.00	40.37 2.01 0.00	38.14 1.92 0.00	31.75 1.59 0.00	31.13 1.62 0.00	29.09 1.66 0.00	27.65 1.55 0.00	24.32 1.33 0.00	23.73 1.20 0.00	31.80 1.56 0.00	41.25 1.89 0.00	40.98 2.30 0.00	40.81 2.55 0.00	42.04 2.43 0.00	38.59 2.16 0.00	34.93 1.98 0.00	66.91 1.99 -26.89	37.83 1.66 0.00
NYPA_POUCH1____GT 24155	33.56 1.42 0.00	37.39 1.55 0.00	35.35 1.64 -0.01	32.44 1.50 -0.01	32.19 1.52 0.00	30.58 1.56 -0.01	33.22 1.73 0.00	40.37 2.00 0.00	38.13 1.92 0.00	31.75 1.59 0.00	31.11 1.60 0.00	29.07 1.64 0.00	27.63 1.53 0.00	24.31 1.31 0.00	23.72 1.19 0.00	31.77 1.53 0.00	41.21 1.85 0.00	40.91 2.23 0.00	40.78 2.52 0.00	42.02 2.42 0.00	38.58 2.16 0.00	34.95 2.00 -0.01	84.53 1.94 -44.56	37.82 1.65 0.00
NYPA_VERNON____GT2 24162	33.50 1.37 0.00	37.30 1.46 0.00	35.13 1.42 0.00	32.19 1.26 0.00	31.96 1.29 0.00	30.37 1.35 0.00	33.09 1.60 0.00	40.30 1.93 0.00	38.06 1.85 0.00	31.68 1.52 0.00	31.08 1.56 0.00	29.04 1.61 0.00	27.59 1.49 0.00	24.27 1.27 0.00	23.68 1.15 0.00	31.74 1.50 0.00	41.17 1.82 0.00	40.92 2.24 0.00	40.75 2.49 0.00	41.97 2.37 0.00	38.52 2.10 0.00	34.87 1.92 0.00	49.16 1.92 -9.21	37.75 1.57 0.00
NYPA_VERNON____GT3 24163	33.50 1.37 0.00	37.30 1.46 0.00	35.13 1.42 0.00	32.19 1.26 0.00	31.96 1.29 0.00	30.37 1.35 0.00	33.09 1.60 0.00	40.30 1.93 0.00	38.06 1.85 0.00	31.68 1.52 0.00	31.08 1.56 0.00	29.04 1.61 0.00	27.59 1.49 0.00	24.27 1.27 0.00	23.68 1.15 0.00	31.74 1.50 0.00	41.17 1.82 0.00	40.92 2.24 0.00	40.75 2.49 0.00	41.97 2.37 0.00	38.52 2.10 0.00	34.87 1.92 0.00	49.16 1.92 -9.21	37.75 1.57 0.00
NYPA__ASTORIA_CC1 323568	33.42 1.29 0.00	37.22 1.38 0.00	35.07 1.36 0.00	32.13 1.20 0.00	31.89 1.23 0.00	30.30 1.29 0.00	33.03 1.54 0.00	40.23 1.86 0.00	37.99 1.79 0.00	31.62 1.46 0.00	31.02 1.51 0.00	28.98 1.55 0.00	27.54 1.44 0.00	24.22 1.23 0.00	23.63 1.10 0.00	31.67 1.44 0.00	41.10 1.75 0.00	40.86 2.17 0.00	40.69 2.42 0.00	41.90 2.30 0.00	38.46 2.04 0.00	34.80 1.86 0.00	39.88 1.85 0.00	37.67 1.50 0.00
NYPA__ASTORIA_CC2 323569	33.42 1.29 0.00	37.22 1.38 0.00	35.07 1.36 0.00	32.13 1.20 0.00	31.89 1.23 0.00	30.30 1.29 0.00	33.03 1.54 0.00	40.23 1.86 0.00	37.99 1.79 0.00	31.62 1.46 0.00	31.02 1.51 0.00	28.98 1.55 0.00	27.54 1.44 0.00	24.22 1.23 0.00	23.63 1.10 0.00	31.67 1.44 0.00	41.10 1.75 0.00	40.86 2.17 0.00	40.69 2.42 0.00	41.90 2.30 0.00	38.46 2.04 0.00	34.80 1.86 0.00	39.88 1.85 0.00	37.67 1.50 0.00
NYPA__HOLTSVILL 23794	34.32 2.18 0.00	38.21 2.36 0.00	35.85 2.14 0.00	32.73 1.80 0.00	32.53 1.87 0.00	30.98 1.97 0.00	33.66 2.17 0.00	41.20 2.83 0.00	38.82 2.61 0.00	31.98 1.82 0.00	31.50 1.98 0.00	29.45 2.02 0.00	27.88 1.79 0.00	24.60 1.60 0.00	23.86 1.33 0.00	32.03 1.80 0.00	42.09 2.73 0.00	41.75 3.07 0.00	41.47 3.20 0.00	42.99 3.38 0.00	39.37 2.95 0.00	35.64 2.69 0.00	40.83 2.81 0.00	38.55 2.38 0.00
NYPA__HELLGATE_GT1 24158	33.34 1.20 0.00	37.21 1.37 0.00	35.00 1.29 0.00	32.04 1.11 0.00	31.79 1.13 0.00	30.22 1.20 0.00	32.93 1.44 0.00	40.12 1.76 0.00	37.97 1.76 0.00	31.61 1.45 0.00	30.99 1.48 0.00	28.97 1.54 0.00	27.51 1.42 0.00	24.21 1.21 0.00	23.60 1.07 0.00	31.62 1.39 0.00	41.03 1.67 0.00	40.80 2.12 0.00	40.62 2.36 0.00	41.84 2.23 0.00	38.42 2.00 0.00	34.79 1.84 0.00	39.82 1.80 0.00	37.64 1.47 0.00
NYPA__HELLGATE_GT2 24159	33.34 1.20 0.00	37.21 1.37 0.00	35.00 1.29 0.00	32.04 1.11 0.00	31.79 1.13 0.00	30.22 1.20 0.00	32.93 1.44 0.00	40.12 1.76 0.00	37.97 1.76 0.00	31.61 1.45 0.00	30.99 1.48 0.00	28.97 1.54 0.00	27.51 1.42 0.00	24.21 1.21 0.00	23.60 1.07 0.00	31.62 1.39 0.00	41.03 1.67 0.00	40.80 2.12 0.00	40.62 2.36 0.00	41.84 2.23 0.00	38.42 2.00 0.00	34.79 1.84 0.00	39.82 1.80 0.00	37.64 1.47 0.00
NYS_BARGE__HYD 23848	29.93 -2.21 0.00	33.43 -2.41 0.00	31.42 -2.29 0.00	28.71 -2.22 0.00	28.43 -2.24 0.00	26.99 -2.02 0.00	29.07 -2.42 0.00	34.41 -3.96 0.00	32.16 -4.05 0.00	27.21 -2.95 0.00	26.51 -3.01 0.00	24.63 -2.80 0.00	23.60 -2.50 0.00	20.83 -2.18 0.00	20.29 -2.25 0.00	26.96 -3.28 0.00	34.65 -4.71 0.00	34.53 -4.15 0.00	34.67 -3.59 0.00	35.11 -4.50 0.00	31.82 -4.60 0.00	28.82 -4.12 0.00	33.93 -4.09 0.00	32.64 -3.53 0.00
OAK ORCHARD__HYD 24046	30.77 -1.38 0.00	34.33 -1.51 0.00	32.27 -1.44 0.00	29.57 -1.37 0.00	29.28 -1.39 0.00	27.77 -1.24 0.00	30.06 -1.42 0.00	36.10 -2.27 0.00	33.93 -2.28 0.00	28.53 -1.63 0.00	27.85 -1.67 0.00	25.87 -1.56 0.00	24.63 -1.46 0.00	21.72 -1.27 0.00	21.21 -1.32 0.00	28.30 -1.93 0.00	36.73 -2.63 0.00	36.52 -2.16 0.00	36.54 -1.73 0.00	37.32 -2.29 0.00	33.98 -2.44 0.00	30.73 -2.21 0.00	35.83 -2.20 0.00	34.23 -1.94 0.00
OAKDALE__35_KV_LOAD 356122	31.95 -0.19 0.00	35.58 -0.27 0.00	33.48 -0.24 0.00	30.73 -0.20 0.00	30.51 -0.16 0.00	28.84 -0.17 0.00	31.30 -0.19 0.00	38.10 -0.27 0.00	35.92 -0.30 0.00	29.99 -0.16 0.00	29.32 -0.19 0.00	27.29 -0.14 0.00	25.99 -0.11 0.00	22.85 -0.15 0.00	22.31 -0.22 0.00	29.97 -0.27 0.00	39.01 -0.34 0.00	38.58 -0.09 0.00	38.41 0.14 0.00	39.60 0.00 0.00	36.23 -0.19 0.00	32.75 -0.19 0.00	37.75 -0.27 0.00	35.83 -0.34 0.00
OCC_CHEM__DRP 24175	29.40 -2.74 0.00	32.86 -2.99 0.00	30.87 -2.84 0.00	28.22 -2.71 0.00	27.93 -2.73 0.00	26.52 -2.49 0.00	28.54 -2.95 0.00	33.58 -4.78 0.00	31.32 -4.89 0.00	26.52 -3.64 0.00	25.84 -3.67 0.00	24.00 -3.43 0.00	23.03 -3.06 0.00	20.37 -2.63 0.00	19.87 -2.67 0.00	26.35 -3.89 0.00	33.79 -5.56 0.00	33.64 -5.04 0.00	33.77 -4.49 0.00	34.16 -5.45 0.00	30.97 -5.46 0.00	28.05 -4.89 0.00	33.09 -4.94 0.00	32.01 -4.16 0.00

OH_GEN_PROXY 24063	29.67 -2.47 0.00	33.15 -2.69 0.00	31.16 -2.55 0.00	28.51 -2.42 0.00	28.21 -2.46 0.00	26.76 -2.25 0.00	28.84 -2.65 0.00	34.19 -4.18 0.00	31.94 -4.27 0.00	27.01 -3.14 0.00	26.34 -3.17 0.00	24.51 -2.92 0.00	23.50 -2.60 0.00	20.76 -2.24 0.00	20.25 -2.29 0.00	26.90 -3.33 0.00	34.53 -4.83 0.00	32.58 -4.37 1.73	34.42 -3.84 0.00	34.89 -4.71 0.00	31.65 -4.77 0.00	28.67 -4.27 0.00	33.72 -4.31 0.00	32.41 -3.76 0.00
OLIN_CORP_DRP 24177	29.45 -2.70 0.00	32.90 -2.94 0.00	30.91 -2.80 0.00	28.26 -2.68 0.00	27.97 -2.70 0.00	26.56 -2.45 0.00	28.59 -2.90 0.00	33.79 -4.58 0.00	31.57 -4.64 0.00	26.72 -3.43 0.00	26.03 -3.48 0.00	24.18 -3.25 0.00	23.19 -2.91 0.00	20.50 -2.50 0.00	19.98 -2.55 0.00	26.51 -3.73 0.00	34.04 -5.31 0.00	33.89 -4.79 0.00	34.02 -4.24 0.00	34.42 -5.18 0.00	31.21 -5.21 0.00	28.27 -4.67 0.00	33.32 -4.71 0.00	32.10 -4.07 0.00
OLIN_CORP_DSASP 323712	29.39 -2.75 0.00	32.85 -2.99 0.00	30.87 -2.84 0.00	28.23 -2.71 0.00	27.93 -2.74 0.00	26.52 -2.50 0.00	28.54 -2.95 0.00	33.59 -4.78 0.00	31.32 -4.89 0.00	26.51 -3.65 0.00	25.85 -3.67 0.00	24.01 -3.42 0.00	23.03 -3.07 0.00	20.38 -2.62 0.00	19.87 -2.66 0.00	26.36 -3.88 0.00	33.78 -5.57 0.00	33.63 -5.05 0.00	33.77 -4.50 0.00	34.16 -5.45 0.00	30.97 -5.45 0.00	28.05 -4.89 0.00	33.08 -4.94 0.00	32.01 -4.16 0.00
ONEIDA_HERK_LFGE 323681	32.62 0.49 0.00	36.35 0.51 0.00	34.21 0.50 0.00	31.42 0.49 0.00	31.16 0.49 0.00	29.48 0.47 0.00	32.03 0.55 0.00	39.12 0.75 0.00	36.96 0.75 0.00	30.75 0.60 0.00	29.98 0.46 0.00	27.73 0.30 0.00	26.35 0.25 0.00	23.21 0.21 0.00	22.76 0.22 0.00	30.61 0.37 0.00	40.05 0.69 0.00	39.67 0.98 0.00	39.30 1.04 0.00	40.59 0.99 0.00	37.24 0.82 0.00	33.63 0.69 0.00	38.80 0.77 0.00	36.84 0.67 0.00
ONEIDA___115KV_TB4 55905	32.73 0.59 0.00	36.48 0.63 0.00	34.30 0.58 0.00	31.48 0.55 0.00	31.23 0.56 0.00	29.57 0.56 0.00	32.15 0.67 0.00	39.20 0.83 0.00	37.02 0.81 0.00	30.83 0.67 0.00	30.08 0.56 0.00	27.84 0.41 0.00	26.45 0.35 0.00	23.26 0.26 0.00	22.78 0.24 0.00	30.69 0.46 0.00	40.05 0.70 0.00	39.74 1.06 0.00	39.44 1.18 0.00	40.68 1.08 0.00	37.27 0.85 0.00	33.67 0.72 0.00	38.81 0.79 0.00	36.85 0.68 0.00
ONONDAGA_REF_OCCRA 23987	31.64 -0.50 0.00	35.26 -0.59 0.00	33.16 -0.55 0.00	30.43 -0.51 0.00	30.18 -0.48 0.00	28.59 -0.43 0.00	31.02 -0.47 0.00	37.69 -0.67 0.00	35.56 -0.65 0.00	29.67 -0.49 0.00	29.01 -0.51 0.00	26.96 -0.47 0.00	25.63 -0.47 0.00	22.56 -0.44 0.00	22.09 -0.44 0.00	29.63 -0.61 0.00	38.61 -0.75 0.00	38.21 -0.47 0.00	37.98 -0.28 0.00	39.13 -0.47 0.00	35.84 -0.58 0.00	32.39 -0.55 0.00	37.42 -0.60 0.00	35.61 -0.56 0.00
ONONDAGA___COGEN 23986	31.60 -0.54 0.00	35.21 -0.63 0.00	33.11 -0.59 0.00	30.39 -0.54 0.00	30.13 -0.54 0.00	28.54 -0.47 0.00	30.99 -0.50 0.00	37.65 -0.72 0.00	35.50 -0.71 0.00	29.64 -0.52 0.00	28.98 -0.53 0.00	26.95 -0.48 0.00	25.61 -0.49 0.00	22.55 -0.45 0.00	22.09 -0.45 0.00	29.60 -0.63 0.00	38.59 -0.77 0.00	38.16 -0.52 0.00	37.89 -0.37 0.00	39.06 -0.54 0.00	35.79 -0.63 0.00	32.35 -0.59 0.00	37.39 -0.63 0.00	35.59 -0.58 0.00
ONTARIO___LFGE 23819	31.84 -0.29 0.00	35.37 -0.48 0.00	33.30 -0.41 0.00	30.66 -0.27 0.00	30.42 -0.24 0.00	28.81 -0.20 0.00	31.27 -0.22 0.00	37.83 -0.53 0.00	35.75 -0.46 0.00	30.04 -0.12 0.00	29.29 -0.22 0.00	27.16 -0.26 0.00	25.80 -0.30 0.00	22.63 -0.37 0.00	22.06 -0.47 0.00	29.54 -0.70 0.00	38.58 -0.78 0.00	38.40 -0.28 0.00	38.36 0.10 0.00	39.47 -0.14 0.00	35.80 -0.62 0.00	32.57 -0.37 0.00	37.50 -0.52 0.00	35.72 -0.45 0.00
ORANGEVILLE_WT_PWR 323706	30.33 -1.81 0.00	33.87 -1.97 0.00	31.83 -1.89 0.00	29.11 -1.82 0.00	28.83 -1.84 0.00	27.35 -1.67 0.00	29.47 -2.01 0.00	35.02 -3.35 0.00	32.67 -3.54 0.00	27.62 -2.54 0.00	26.92 -2.59 0.00	25.05 -2.38 0.00	24.00 -2.10 0.00	21.19 -1.81 0.00	20.66 -1.87 0.00	27.49 -2.75 0.00	35.31 -4.04 0.00	35.07 -3.61 0.00	35.17 -3.10 0.00	35.67 -3.93 0.00	32.35 -4.08 0.00	29.29 -3.65 0.00	34.40 -3.62 0.00	33.01 -3.16 0.00
ORANGEVILLE___ESR 323794	30.33 -1.81 0.00	33.87 -1.97 0.00	31.83 -1.89 0.00	29.11 -1.82 0.00	28.83 -1.84 0.00	27.35 -1.67 0.00	29.47 -2.01 0.00	35.02 -3.35 0.00	32.67 -3.54 0.00	27.62 -2.54 0.00	26.92 -2.59 0.00	25.05 -2.38 0.00	24.00 -2.10 0.00	21.19 -1.81 0.00	20.66 -1.87 0.00	27.49 -2.75 0.00	35.31 -4.04 0.00	35.07 -3.61 0.00	35.17 -3.10 0.00	35.67 -3.93 0.00	32.35 -4.08 0.00	29.29 -3.65 0.00	34.40 -3.62 0.00	33.01 -3.16 0.00
OSWEGATCHIE___HYD 24044	32.08 -0.06 0.00	35.83 -0.02 0.00	33.74 0.03 0.00	30.99 0.06 0.00	30.69 0.02 0.00	28.85 -0.16 0.00	31.19 -0.30 0.00	38.15 -0.22 0.00	36.16 -0.05 0.00	30.08 -0.08 0.00	29.27 -0.24 0.00	27.05 -0.38 0.00	25.77 -0.32 0.00	22.86 -0.14 0.00	22.43 -0.10 0.00	30.06 -0.18 0.00	39.33 -0.03 0.00	38.62 -0.06 0.00	38.03 -0.23 0.00	39.47 -0.14 0.00	36.36 -0.06 0.00	32.84 -0.10 0.00	38.09 0.06 0.00	36.36 0.18 0.00
OSWEGO___5 23606	31.05 -1.09 0.00	34.60 -1.24 0.00	32.55 -1.16 0.00	29.87 -1.06 0.00	29.61 -1.05 0.00	28.04 -0.97 0.00	30.44 -1.05 0.00	36.99 -1.37 0.00	34.88 -1.33 0.00	29.10 -1.06 0.00	28.46 -1.05 0.00	26.45 -0.98 0.00	25.15 -0.94 0.00	22.17 -0.82 0.00	21.72 -0.81 0.00	29.09 -1.14 0.00	37.89 -1.47 0.00	37.42 -1.26 0.00	37.14 -1.13 0.00	38.30 -1.30 0.00	35.13 -1.29 0.00	31.76 -1.18 0.00	36.73 -1.30 0.00	35.00 -1.17 0.00
OSWEGO___6 23613	31.05 -1.09 0.00	34.60 -1.24 0.00	32.55 -1.16 0.00	29.87 -1.06 0.00	29.61 -1.05 0.00	28.04 -0.97 0.00	30.44 -1.05 0.00	36.99 -1.37 0.00	34.88 -1.33 0.00	29.10 -1.06 0.00	28.46 -1.05 0.00	26.45 -0.98 0.00	25.15 -0.94 0.00	22.17 -0.82 0.00	21.72 -0.81 0.00	29.09 -1.14 0.00	37.89 -1.47 0.00	37.42 -1.26 0.00	37.14 -1.13 0.00	38.30 -1.30 0.00	35.13 -1.29 0.00	31.76 -1.18 0.00	36.73 -1.30 0.00	35.00 -1.17 0.00
OUTOKUMPU-AB___DRP 24206	30.21 -1.93 0.00	33.72 -2.12 0.00	31.69 -2.02 0.00	28.96 -1.97 0.00	28.70 -1.97 0.00	27.24 -1.77 0.00	29.34 -2.15 0.00	34.69 -3.68 0.00	32.41 -3.80 0.00	27.43 -2.73 0.00	26.71 -2.80 0.00	24.82 -2.61 0.00	23.79 -2.30 0.00	21.01 -2.00 0.00	20.47 -2.06 0.00	27.19 -3.04 0.00	34.95 -4.41 0.00	34.77 -3.91 0.00	34.90 -3.36 0.00	35.36 -4.25 0.00	32.04 -4.38 0.00	29.03 -3.91 0.00	34.16 -3.86 0.00	32.89 -3.28 0.00
OXBOW___BTM 323836	29.80 -2.33 0.00	33.29 -2.55 0.00	31.29 -2.42 0.00	28.60 -2.33 0.00	28.32 -2.35 0.00	26.89 -2.12 0.00	28.95 -2.53 0.00	34.16 -4.21 0.00	31.89 -4.32 0.00	26.99 -3.17 0.00	26.30 -3.21 0.00	24.43 -2.99 0.00	23.42 -2.67 0.00	20.70 -2.30 0.00	20.18 -2.35 0.00	26.79 -3.45 0.00	34.38 -4.97 0.00	34.22 -4.46 0.00	34.37 -3.89 0.00	34.79 -4.81 0.00	31.53 -4.89 0.00	28.56 -4.38 0.00	33.65 -4.38 0.00	32.47 -3.70 0.00

OXBOW____ 24026	29.81 -2.33 0.00	33.30 -2.54 0.00	31.29 -2.42 0.00	28.60 -2.33 0.00	28.32 -2.35 0.00	26.89 -2.12 0.00	28.95 -2.53 0.00	34.16 -4.21 0.00	31.88 -4.33 0.00	27.00 -3.16 0.00	26.29 -3.22 0.00	24.43 -3.00 0.00	23.42 -2.67 0.00	20.70 -2.30 0.00	20.18 -2.35 0.00	26.78 -3.46 0.00	34.39 -4.96 0.00	34.23 -4.45 0.00	34.37 -3.89 0.00	34.78 -4.82 0.00	31.53 -4.89 0.00	28.56 -4.38 0.00	33.65 -4.38 0.00	32.48 -3.70 0.00
OXY_CHEM_DSASP 323612	29.40 -2.74 0.00	32.86 -2.99 0.00	30.87 -2.84 0.00	28.22 -2.71 0.00	27.93 -2.73 0.00	26.52 -2.49 0.00	28.54 -2.95 0.00	33.58 -4.78 0.00	31.32 -4.89 0.00	26.52 -3.64 0.00	25.84 -3.67 0.00	24.00 -3.43 0.00	23.03 -3.06 0.00	20.37 -2.63 0.00	19.87 -2.67 0.00	26.35 -3.89 0.00	33.79 -5.56 0.00	33.64 -5.04 0.00	33.77 -4.49 0.00	34.16 -5.45 0.00	30.97 -5.46 0.00	28.05 -4.89 0.00	33.09 -4.94 0.00	32.01 -4.16 0.00
OZONE_PARK_ESR 323760	33.76 1.63 0.00	37.56 1.72 0.00	35.34 1.63 0.00	32.36 1.44 0.00	32.12 1.46 0.00	30.53 1.52 0.00	33.31 1.82 0.00	40.58 2.22 0.00	38.33 2.12 0.00	31.90 1.75 0.00	31.29 1.78 0.00	29.25 1.82 0.00	27.79 1.70 0.00	24.44 1.44 0.00	23.86 1.32 0.00	31.97 1.73 0.00	41.51 2.16 0.00	41.28 2.60 0.00	41.13 2.87 0.00	42.34 2.73 0.00	38.84 2.42 0.00	35.15 2.21 0.00	40.28 2.25 0.00	38.03 1.87 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	29.40 -2.74 0.00	32.86 -2.99 0.00	30.87 -2.84 0.00	28.22 -2.71 0.00	27.93 -2.73 0.00	26.52 -2.49 0.00	28.54 -2.95 0.00	33.58 -4.78 0.00	31.32 -4.89 0.00	26.52 -3.64 0.00	25.84 -3.67 0.00	24.00 -3.43 0.00	23.03 -3.06 0.00	20.37 -2.63 0.00	19.87 -2.67 0.00	26.35 -3.89 0.00	33.79 -5.56 0.00	33.64 -5.04 0.00	33.77 -4.49 0.00	34.16 -5.45 0.00	30.97 -5.46 0.00	28.05 -4.89 0.00	33.09 -4.94 0.00	32.01 -4.16 0.00
PACKARD__115KV_DUPONT_184 80571	29.40 -2.74 0.00	32.86 -2.99 0.00	30.87 -2.84 0.00	28.22 -2.71 0.00	27.93 -2.73 0.00	26.52 -2.49 0.00	28.54 -2.95 0.00	33.58 -4.78 0.00	31.32 -4.89 0.00	26.52 -3.64 0.00	25.84 -3.67 0.00	24.00 -3.43 0.00	23.03 -3.06 0.00	20.37 -2.63 0.00	19.87 -2.67 0.00	26.35 -3.89 0.00	33.79 -5.56 0.00	33.64 -5.04 0.00	33.77 -4.49 0.00	34.16 -5.45 0.00	30.97 -5.46 0.00	28.05 -4.89 0.00	33.09 -4.94 0.00	32.01 -4.16 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.30 1.16 0.00	37.15 1.31 0.00	35.04 1.32 0.00	32.11 1.18 0.00	31.86 1.19 0.00	30.27 1.26 0.00	32.98 1.50 0.00	40.16 1.80 0.00	37.96 1.75 0.00	31.57 1.41 0.00	30.96 1.45 0.00	28.94 1.51 0.00	27.48 1.38 0.00	24.17 1.17 0.00	23.57 1.03 0.00	31.60 1.36 0.00	41.02 1.66 0.00	40.79 2.11 0.00	40.62 2.36 0.00	41.84 2.23 0.00	38.40 1.98 0.00	34.76 1.82 0.00	39.82 1.79 0.00	37.62 1.45 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.42 1.28 0.00	37.29 1.45 0.00	35.22 1.51 0.00	32.29 1.36 0.00	31.98 1.32 0.00	30.45 1.44 0.00	33.16 1.68 0.00	40.45 2.08 0.00	38.16 1.94 0.00	31.72 1.57 0.00	31.12 1.60 0.00	29.09 1.66 0.00	27.60 1.51 0.00	24.27 1.27 0.00	23.66 1.13 0.00	31.75 1.51 0.00	41.23 1.87 0.00	41.01 2.32 0.00	40.82 2.56 0.00	42.06 2.45 0.00	38.58 2.16 0.00	34.96 2.01 0.00	40.06 2.03 0.00	37.78 1.60 0.00
PATROON__115KV_TB1 80586	32.59 0.45 0.00	36.38 0.54 0.00	34.22 0.51 0.00	31.39 0.46 0.00	31.14 0.47 0.00	29.48 0.47 0.00	31.98 0.49 0.00	39.06 0.69 0.00	36.74 0.53 0.00	30.50 0.34 0.00	29.88 0.37 0.00	27.80 0.37 0.00	26.41 0.32 0.00	23.26 0.26 0.00	22.80 0.27 0.00	30.66 0.43 0.00	40.04 0.69 0.00	39.65 0.97 0.00	39.33 1.07 0.00	40.45 0.85 0.00	37.06 0.64 0.00	33.53 0.59 0.00	38.53 0.51 0.00	36.55 0.38 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.17 -0.97 0.00	34.78 -1.06 0.00	32.68 -1.03 0.00	29.91 -1.03 0.00	29.63 -1.04 0.00	28.07 -0.94 0.00	30.26 -1.22 0.00	36.08 -2.29 0.00	33.61 -2.60 0.00	28.34 -1.81 0.00	27.61 -1.91 0.00	25.74 -1.69 0.00	24.64 -1.46 0.00	21.75 -1.25 0.00	21.20 -1.33 0.00	28.22 -2.01 0.00	36.32 -3.03 0.00	35.96 -2.73 0.00	35.87 -2.39 0.00	36.47 -3.13 0.00	33.08 -3.34 0.00	29.97 -2.97 0.00	35.14 -2.89 0.00	33.63 -2.54 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.74 1.60 0.00	37.55 1.71 0.00	35.28 1.57 0.00	32.34 1.41 0.00	32.12 1.46 0.00	30.46 1.45 0.00	33.21 1.72 0.00	40.55 2.19 0.00	38.25 2.04 0.00	31.74 1.59 0.00	31.14 1.62 0.00	29.02 1.59 0.00	27.54 1.45 0.00	24.21 1.21 0.00	23.64 1.11 0.00	31.79 1.56 0.00	41.44 2.09 0.00	41.18 2.50 0.00	40.98 2.72 0.00	42.18 2.58 0.00	38.63 2.21 0.00	34.96 2.01 0.00	40.09 2.07 0.00	37.89 1.72 0.00
PEEKSKILL____ 23653	33.35 1.21 0.00	37.14 1.30 0.00	34.88 1.17 0.00	31.95 1.02 0.00	31.71 1.04 0.00	30.10 1.09 0.00	32.80 1.32 0.00	40.03 1.67 0.00	37.78 1.57 0.00	31.39 1.23 0.00	30.77 1.25 0.00	28.73 1.30 0.00	27.28 1.18 0.00	23.99 0.99 0.00	23.42 0.88 0.00	31.43 1.20 0.00	40.89 1.53 0.00	40.62 1.94 0.00	40.44 2.18 0.00	41.65 2.05 0.00	38.18 1.75 0.00	34.56 1.62 0.00	39.64 1.61 0.00	37.49 1.31 0.00
PGE MADISON__WINDPWR 24146	34.24 2.11 0.00	38.13 2.29 0.00	35.99 2.28 0.00	32.91 1.98 0.00	32.69 2.02 0.00	31.03 2.02 0.00	33.86 2.38 0.00	41.33 2.96 0.00	39.18 2.97 0.00	32.69 2.53 0.00	31.86 2.35 0.00	29.49 2.07 0.00	27.85 1.75 0.00	24.40 1.40 0.00	23.87 1.34 0.00	32.44 2.20 0.00	42.49 3.13 0.00	42.25 3.57 0.00	41.85 3.58 0.00	43.17 3.56 0.00	39.49 3.07 0.00	35.68 2.74 0.00	41.10 3.08 0.00	38.87 2.70 0.00
PIERCEFIELD__HYD 23852	32.45 0.30 0.00	36.34 0.49 0.00	34.21 0.49 0.00	31.37 0.44 0.00	31.04 0.37 0.00	29.05 0.04 0.00	31.29 -0.20 0.00	38.27 -0.09 0.00	36.33 0.12 0.00	30.25 0.09 0.00	29.53 0.02 0.00	27.34 -0.09 0.00	26.12 0.03 0.00	23.22 0.22 0.00	22.80 0.27 0.00	30.48 0.24 0.00	39.66 0.31 0.00	38.51 -0.17 0.00	37.71 -0.55 0.00	39.31 -0.30 0.00	36.35 -0.07 0.00	32.86 -0.08 0.00	38.25 0.22 0.00	36.65 0.48 0.00
PINELAWN_CC_1 323563	34.22 2.08 0.00	38.06 2.22 0.00	35.72 2.01 0.00	32.63 1.69 0.00	32.42 1.76 0.00	30.84 1.83 0.00	33.56 2.07 0.00	41.05 2.68 0.00	38.70 2.49 0.00	31.94 1.78 0.00	31.42 1.91 0.00	29.37 1.94 0.00	27.82 1.72 0.00	24.51 1.51 0.00	23.81 1.28 0.00	31.96 1.72 0.00	41.95 2.59 0.00	41.70 3.02 0.00	41.47 3.21 0.00	42.85 3.25 0.00	39.29 2.87 0.00	35.55 2.61 0.00	40.70 2.67 0.00	38.45 2.28 0.00
PJM_GEN_HTP_PROXY 323702	33.42 1.28 0.00	37.19 1.35 0.00	34.99 1.27 0.00	32.05 1.12 0.00	31.81 1.15 0.00	30.22 1.21 0.00	32.97 1.49 0.00	40.17 1.80 0.00	37.93 1.72 0.00	31.57 1.41 0.00	30.96 1.45 0.00	28.92 1.49 0.00	27.49 1.39 0.00	24.18 1.18 0.00	23.60 1.06 0.00	31.63 1.40 0.00	43.35 1.72 -2.28	40.15 2.13 0.66	40.64 2.38 0.00	41.86 2.25 0.00	38.40 1.97 0.00	34.76 1.81 0.00	39.83 1.80 0.00	37.63 1.46 0.00

PJM_GEN_KEystone 24065	31.92 -0.21 0.00	35.62 -0.22 0.00	33.48 -0.24 0.00	30.68 -0.25 0.00	30.42 -0.25 0.00	28.80 -0.21 0.00	31.26 -0.23 0.00	37.88 -0.48 0.00	35.64 -0.57 0.00	29.77 -0.39 0.00	29.10 -0.41 0.00	27.24 -0.19 0.00	25.98 -0.12 0.00	22.86 -0.14 0.00	22.29 -0.24 0.00	29.82 -0.41 0.00	40.09 -0.79 -1.53	38.23 -0.43 0.02	38.18 -0.08 0.00	39.19 -0.42 0.00	35.80 -0.62 0.00	32.43 -0.51 0.00	37.48 -0.55 0.00	35.53 -0.64 0.00
PJM_GEN_NEPTUNE_PROXY 323594	33.78 1.64 0.00	37.60 1.76 0.00	35.29 1.57 0.00	32.27 1.34 0.00	32.06 1.40 0.00	30.48 1.46 0.00	33.16 1.68 0.00	40.52 2.16 0.00	38.23 2.02 0.00	31.61 1.46 0.00	31.12 1.60 0.00	29.11 1.68 0.00	27.59 1.50 0.00	24.30 1.30 0.00	23.62 1.09 0.00	31.67 1.43 0.00	43.70 2.06 -2.28	40.45 2.44 0.66	40.90 2.63 0.00	42.23 2.63 0.00	38.72 2.30 0.00	35.05 2.11 0.00	40.16 2.13 0.00	37.95 1.78 0.00
PJM_GEN_VFT_PROXY 323633	33.29 1.15 0.00	37.05 1.21 0.00	34.82 1.11 0.00	31.90 0.97 0.00	31.65 0.99 0.00	30.07 1.06 0.00	32.83 1.35 0.00	40.00 1.64 0.00	37.79 1.59 0.00	31.45 1.29 0.00	30.83 1.31 0.00	28.81 1.39 0.00	27.40 1.30 0.00	24.11 1.11 0.00	23.52 0.99 0.00	31.51 1.27 0.00	43.13 1.50 -2.28	39.97 1.95 0.66	40.47 2.21 0.00	41.67 2.07 0.00	38.24 1.82 0.00	34.63 1.69 0.00	39.68 1.65 0.00	37.49 1.32 0.00
PLATSBRG_115KV_PMLD1 355749	34.22 2.08 0.00	37.92 2.08 0.00	35.76 2.04 0.00	32.75 1.81 0.00	32.31 1.65 0.00	30.39 1.38 0.00	32.74 1.25 0.00	40.03 1.67 0.00	37.79 1.58 0.00	31.61 1.46 0.00	30.95 1.44 0.00	28.69 1.26 0.00	27.34 1.24 0.00	24.18 1.18 0.00	23.85 1.32 0.00	32.12 1.89 0.00	41.44 2.08 0.00	40.48 1.80 0.00	39.76 1.50 0.00	41.14 1.54 0.00	37.94 1.52 0.00	34.36 1.42 0.00	39.72 1.69 0.00	38.34 2.17 0.00
PLEASANTVLY___LBMP 24000	33.26 1.12 0.00	37.04 1.19 0.00	34.81 1.10 0.00	31.90 0.97 0.00	31.68 1.01 0.00	30.04 1.03 0.00	32.70 1.21 0.00	39.92 1.55 0.00	37.65 1.44 0.00	31.26 1.10 0.00	30.68 1.17 0.00	28.60 1.17 0.00	27.14 1.04 0.00	23.85 0.85 0.00	23.31 0.77 0.00	31.34 1.10 0.00	40.81 1.46 0.00	40.49 1.81 0.00	40.27 2.01 0.00	41.46 1.86 0.00	37.99 1.57 0.00	34.39 1.45 0.00	39.47 1.44 0.00	37.33 1.16 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.45 1.31 0.00	37.23 1.39 0.00	34.99 1.28 0.00	32.05 1.12 0.00	31.82 1.15 0.00	30.19 1.17 0.00	32.90 1.41 0.00	40.15 1.79 0.00	37.87 1.66 0.00	31.46 1.30 0.00	30.86 1.35 0.00	28.80 1.37 0.00	27.35 1.25 0.00	24.04 1.04 0.00	23.47 0.94 0.00	31.52 1.29 0.00	41.02 1.66 0.00	40.74 2.06 0.00	40.55 2.29 0.00	41.75 2.15 0.00	38.28 1.86 0.00	34.65 1.71 0.00	39.75 1.72 0.00	37.56 1.39 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.45 1.31 0.00	37.23 1.39 0.00	34.99 1.28 0.00	32.05 1.12 0.00	31.82 1.15 0.00	30.19 1.17 0.00	32.90 1.41 0.00	40.15 1.79 0.00	37.87 1.66 0.00	31.46 1.30 0.00	30.86 1.35 0.00	28.80 1.37 0.00	27.35 1.25 0.00	24.04 1.04 0.00	23.47 0.94 0.00	31.52 1.29 0.00	41.02 1.66 0.00	40.74 2.06 0.00	40.55 2.29 0.00	41.75 2.15 0.00	38.28 1.86 0.00	34.65 1.71 0.00	39.75 1.72 0.00	37.56 1.39 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.53 1.39 0.00	37.29 1.46 0.00	35.05 1.34 0.00	32.13 1.20 0.00	31.91 1.25 0.00	30.27 1.26 0.00	32.97 1.48 0.00	40.26 1.89 0.00	37.96 1.75 0.00	31.48 1.32 0.00	30.90 1.38 0.00	28.77 1.35 0.00	27.30 1.20 0.00	23.99 0.99 0.00	23.45 0.91 0.00	31.56 1.33 0.00	41.16 1.81 0.00	40.88 2.19 0.00	40.66 2.39 0.00	41.86 2.26 0.00	38.33 1.91 0.00	34.69 1.75 0.00	39.80 1.78 0.00	37.63 1.46 0.00
POLETTI_____ 23519	33.38 1.24 0.00	37.13 1.29 0.00	34.94 1.23 0.00	32.02 1.09 0.00	31.78 1.11 0.00	30.19 1.18 0.00	32.93 1.45 0.00	40.11 1.74 0.00	37.88 1.67 0.00	31.54 1.38 0.00	30.94 1.43 0.00	28.92 1.49 0.00	27.48 1.38 0.00	24.17 1.17 0.00	23.58 1.05 0.00	31.60 1.37 0.00	41.02 1.66 0.00	40.77 2.09 0.00	40.60 2.34 0.00	41.81 2.21 0.00	38.36 1.94 0.00	34.72 1.78 0.00	39.79 1.77 0.00	37.59 1.42 0.00
POMONA___ESR 323819	33.33 1.20 0.00	37.15 1.30 0.00	34.88 1.17 0.00	31.95 1.02 0.00	31.71 1.04 0.00	30.10 1.08 0.00	32.81 1.32 0.00	40.03 1.66 0.00	37.78 1.57 0.00	31.38 1.22 0.00	30.75 1.23 0.00	28.71 1.28 0.00	27.27 1.18 0.00	23.98 0.98 0.00	23.42 0.88 0.00	31.42 1.19 0.00	40.85 1.49 0.00	40.60 1.92 0.00	40.42 2.16 0.00	41.63 2.03 0.00	38.17 1.75 0.00	34.54 1.60 0.00	39.63 1.61 0.00	37.46 1.29 0.00
PORT_JEFF_3 23555	34.41 2.28 0.00	38.31 2.47 0.00	35.95 2.24 0.00	32.81 1.88 0.00	32.61 1.94 0.00	31.07 2.05 0.00	33.76 2.27 0.00	41.33 2.96 0.00	38.94 2.73 0.00	32.07 1.91 0.00	31.57 2.06 0.00	29.52 2.09 0.00	27.94 1.85 0.00	24.66 1.66 0.00	23.93 1.39 0.00	32.14 1.90 0.00	42.23 2.88 0.00	41.91 3.23 0.00	41.63 3.37 0.00	43.15 3.55 0.00	39.52 3.09 0.00	35.76 2.82 0.00	40.96 2.94 0.00	38.68 2.51 0.00
PORT_JEFF_4 23616	34.41 2.28 0.00	38.31 2.47 0.00	35.95 2.24 0.00	32.81 1.88 0.00	32.61 1.94 0.00	31.07 2.05 0.00	33.76 2.27 0.00	41.33 2.96 0.00	38.94 2.73 0.00	32.07 1.91 0.00	31.57 2.06 0.00	29.52 2.09 0.00	27.94 1.85 0.00	24.66 1.66 0.00	23.93 1.39 0.00	32.14 1.90 0.00	42.23 2.88 0.00	41.91 3.23 0.00	41.63 3.37 0.00	43.15 3.55 0.00	39.52 3.09 0.00	35.76 2.82 0.00	40.96 2.94 0.00	38.68 2.51 0.00
PORT_JEFF_IC 23713	34.42 2.29 0.00	38.32 2.48 0.00	35.96 2.25 0.00	32.82 1.89 0.00	32.62 1.96 0.00	31.08 2.07 0.00	33.77 2.28 0.00	41.35 2.98 0.00	38.95 2.74 0.00	32.07 1.91 0.00	31.60 2.08 0.00	29.53 2.11 0.00	27.96 1.86 0.00	24.67 1.67 0.00	23.94 1.40 0.00	32.15 1.91 0.00	42.25 2.90 0.00	41.94 3.26 0.00	41.66 3.39 0.00	43.18 3.58 0.00	39.55 3.13 0.00	35.78 2.84 0.00	40.98 2.96 0.00	38.69 2.52 0.00
PPL PILGRIM_ST_GT1 24216	34.49 2.35 0.00	38.37 2.53 0.00	36.00 2.29 0.00	32.89 1.96 0.00	32.69 2.02 0.00	31.10 2.09 0.00	33.81 2.33 0.00	41.38 3.02 0.00	39.01 2.80 0.00	32.16 2.00 0.00	31.67 2.16 0.00	29.62 2.19 0.00	28.05 1.95 0.00	24.73 1.73 0.00	24.00 1.47 0.00	32.21 1.97 0.00	42.30 2.95 0.00	41.97 3.29 0.00	41.64 3.38 0.00	43.11 3.51 0.00	39.59 3.16 0.00	35.83 2.89 0.00	41.02 2.99 0.00	38.75 2.58 0.00
PPL PILGRIM_ST_GT2 24217	34.49 2.35 0.00	38.37 2.53 0.00	36.00 2.29 0.00	32.89 1.96 0.00	32.69 2.02 0.00	31.10 2.09 0.00	33.81 2.33 0.00	41.38 3.02 0.00	39.01 2.80 0.00	32.16 2.00 0.00	31.67 2.16 0.00	29.62 2.19 0.00	28.05 1.95 0.00	24.73 1.73 0.00	24.00 1.47 0.00	32.21 1.97 0.00	42.30 2.95 0.00	41.97 3.29 0.00	41.64 3.38 0.00	43.11 3.51 0.00	39.59 3.16 0.00	35.83 2.89 0.00	41.02 2.99 0.00	38.75 2.58 0.00

PPL_SHRM_GT3 24213	34.44 2.31 0.00	38.43 2.59 0.00	36.06 2.35 0.00	32.87 1.94 0.00	32.63 1.97 0.00	31.17 2.16 0.00	33.87 2.39 0.00	41.48 3.11 0.00	39.06 2.85 0.00	32.10 1.94 0.00	31.60 2.09 0.00	29.53 2.10 0.00	27.94 1.84 0.00	24.68 1.68 0.00	23.94 1.41 0.00	32.19 1.96 0.00	42.33 2.97 0.00	41.85 3.17 0.00	41.51 3.25 0.00	43.27 3.67 0.00	39.62 3.19 0.00	35.83 2.89 0.00	41.08 3.06 0.00	38.75 2.58 0.00
PPL_SHRM_GT4 24214	34.44 2.31 0.00	38.43 2.59 0.00	36.06 2.35 0.00	32.87 1.94 0.00	32.63 1.97 0.00	31.17 2.16 0.00	33.87 2.39 0.00	41.48 3.11 0.00	39.06 2.85 0.00	32.10 1.94 0.00	31.60 2.09 0.00	29.53 2.10 0.00	27.94 1.84 0.00	24.68 1.68 0.00	23.94 1.41 0.00	32.19 1.96 0.00	42.33 2.97 0.00	41.85 3.17 0.00	41.51 3.25 0.00	43.27 3.67 0.00	39.62 3.19 0.00	35.83 2.89 0.00	41.08 3.06 0.00	38.75 2.58 0.00
PROJECT___ORANGE 1 24174	31.38 -0.76 0.00	34.96 -0.88 0.00	32.89 -0.82 0.00	30.18 -0.75 0.00	29.94 -0.73 0.00	28.35 -0.66 0.00	30.76 -0.72 0.00	37.35 -1.02 0.00	35.22 -0.99 0.00	29.39 -0.77 0.00	28.74 -0.77 0.00	26.71 -0.71 0.00	25.40 -0.70 0.00	22.38 -0.62 0.00	21.92 -0.62 0.00	29.36 -0.88 0.00	38.27 -1.09 0.00	37.84 -0.84 0.00	37.61 -0.65 0.00	38.75 -0.86 0.00	35.49 -0.93 0.00	32.08 -0.86 0.00	37.08 -0.94 0.00	35.31 -0.87 0.00
PROJECT___ORANGE 2 24166	31.38 -0.76 0.00	34.96 -0.88 0.00	32.89 -0.82 0.00	30.18 -0.75 0.00	29.94 -0.73 0.00	28.35 -0.66 0.00	30.76 -0.72 0.00	37.35 -1.02 0.00	35.22 -0.99 0.00	29.39 -0.77 0.00	28.74 -0.77 0.00	26.71 -0.71 0.00	25.40 -0.70 0.00	22.38 -0.62 0.00	21.92 -0.62 0.00	29.36 -0.88 0.00	38.27 -1.09 0.00	37.84 -0.84 0.00	37.61 -0.65 0.00	38.75 -0.86 0.00	35.49 -0.93 0.00	32.08 -0.86 0.00	37.08 -0.94 0.00	35.31 -0.87 0.00
PUCKETT___SOLAR 323809	32.44 0.30 0.00	36.14 0.30 0.00	34.06 0.34 0.00	31.19 0.26 0.00	30.98 0.31 0.00	29.31 0.30 0.00	31.89 0.40 0.00	38.85 0.48 0.00	36.69 0.48 0.00	30.61 0.45 0.00	29.88 0.37 0.00	27.73 0.30 0.00	26.29 0.20 0.00	23.06 0.06 0.00	22.59 0.05 0.00	30.49 0.26 0.00	39.81 0.45 0.00	39.46 0.79 0.00	39.23 0.97 0.00	40.46 0.85 0.00	37.01 0.59 0.00	33.47 0.53 0.00	38.57 0.54 0.00	36.55 0.38 0.00
PYRITES___HYD 24023	33.24 1.11 0.00	37.21 1.38 0.00	35.04 1.33 0.00	32.08 1.15 0.00	31.75 1.09 0.00	29.75 0.74 0.00	32.08 0.59 0.00	39.24 0.87 0.00	37.22 1.01 0.00	30.91 0.75 0.00	30.17 0.65 0.00	27.93 0.50 0.00	26.71 0.61 0.00	23.72 0.72 0.00	23.30 0.76 0.00	31.24 1.01 0.00	40.72 1.36 0.00	39.53 0.85 0.00	38.66 0.40 0.00	40.32 0.71 0.00	37.28 0.86 0.00	33.67 0.73 0.00	39.14 1.11 0.00	37.43 1.25 0.00
QUAKERRD_115KV_BK1 80622	30.25 -1.89 0.00	33.73 -2.12 0.00	31.70 -2.01 0.00	29.05 -1.88 0.00	28.79 -1.88 0.00	27.30 -1.71 0.00	29.58 -1.91 0.00	35.63 -2.74 0.00	33.52 -2.69 0.00	28.15 -2.01 0.00	27.49 -2.03 0.00	25.53 -1.90 0.00	24.30 -1.80 0.00	21.43 -1.57 0.00	20.93 -1.61 0.00	27.95 -2.28 0.00	36.34 -3.01 0.00	36.08 -2.60 0.00	36.01 -2.25 0.00	36.87 -2.74 0.00	33.62 -2.80 0.00	30.40 -2.54 0.00	35.36 -2.66 0.00	33.76 -2.41 0.00
QUENSBRY_115KV_TB8 356137	33.63 1.50 0.00	37.46 1.62 0.00	35.26 1.55 0.00	32.36 1.43 0.00	31.96 1.29 0.00	30.33 1.31 0.00	33.07 1.59 0.00	40.67 2.30 0.00	38.14 1.93 0.00	31.40 1.24 0.00	30.69 1.17 0.00	28.40 0.97 0.00	26.89 0.80 0.00	23.64 0.65 0.00	23.33 0.80 0.00	31.83 1.59 0.00	41.72 2.37 0.00	41.29 2.61 0.00	40.93 2.67 0.00	42.17 2.57 0.00	38.44 2.02 0.00	34.81 1.86 0.00	39.83 1.81 0.00	37.71 1.54 0.00
RAMAPO___LBMP 323565	33.22 1.08 0.00	37.01 1.17 0.00	34.76 1.05 0.00	31.84 0.91 0.00	31.60 0.94 0.00	29.98 0.97 0.00	32.69 1.20 0.00	39.88 1.52 0.00	37.64 1.43 0.00	31.26 1.11 0.00	30.62 1.11 0.00	28.60 1.18 0.00	27.16 1.07 0.00	23.89 0.89 0.00	23.33 0.79 0.00	31.30 1.06 0.00	40.68 1.33 0.00	40.43 1.75 0.00	40.26 2.00 0.00	41.46 1.86 0.00	38.02 1.60 0.00	34.40 1.46 0.00	39.48 1.45 0.00	37.32 1.15 0.00
RANKINE____ 23646	30.63 -1.51 0.00	34.18 -1.66 0.00	32.13 -1.58 0.00	29.39 -1.54 0.00	29.11 -1.56 0.00	27.61 -1.41 0.00	29.76 -1.73 0.00	35.37 -2.99 0.00	33.00 -3.21 0.00	27.90 -2.26 0.00	27.17 -2.34 0.00	25.29 -2.14 0.00	24.24 -1.86 0.00	21.40 -1.60 0.00	20.85 -1.68 0.00	27.73 -2.51 0.00	35.65 -3.71 0.00	35.41 -3.28 0.00	35.48 -2.79 0.00	36.00 -3.61 0.00	32.64 -3.78 0.00	29.56 -3.38 0.00	34.71 -3.32 0.00	33.28 -2.89 0.00
RAVENSWOOD_GT2_1 24244	33.46 1.32 0.00	37.24 1.39 0.00	35.04 1.33 0.00	32.11 1.18 0.00	31.88 1.21 0.00	30.28 1.26 0.00	33.02 1.54 0.00	40.22 1.85 0.00	37.98 1.76 0.00	31.60 1.44 0.00	31.00 1.49 0.00	28.96 1.53 0.00	27.51 1.42 0.00	24.21 1.21 0.00	23.62 1.09 0.00	31.66 1.43 0.00	41.11 1.75 0.00	40.85 2.17 0.00	40.68 2.42 0.00	41.90 2.30 0.00	38.44 2.01 0.00	34.79 1.85 0.00	39.88 1.85 0.00	37.67 1.50 0.00
RAVENSWOOD_GT2_2 24245	33.46 1.32 0.00	37.24 1.39 0.00	35.04 1.33 0.00	32.11 1.18 0.00	31.88 1.21 0.00	30.28 1.26 0.00	33.02 1.54 0.00	40.22 1.85 0.00	37.98 1.76 0.00	31.60 1.44 0.00	31.00 1.49 0.00	28.96 1.53 0.00	27.51 1.42 0.00	24.21 1.21 0.00	23.62 1.09 0.00	31.66 1.43 0.00	41.11 1.75 0.00	40.85 2.17 0.00	40.68 2.42 0.00	41.90 2.30 0.00	38.44 2.01 0.00	34.79 1.85 0.00	39.88 1.85 0.00	37.67 1.50 0.00
RAVENSWOOD_GT2_3 24246	33.48 1.34 0.00	37.25 1.41 0.00	35.06 1.35 0.00	32.12 1.19 0.00	31.89 1.22 0.00	30.30 1.28 0.00	33.04 1.55 0.00	40.24 1.88 0.00	37.99 1.78 0.00	31.61 1.45 0.00	31.01 1.50 0.00	28.98 1.55 0.00	27.54 1.44 0.00	24.22 1.22 0.00	23.63 1.10 0.00	31.68 1.44 0.00	41.13 1.78 0.00	40.88 2.20 0.00	40.71 2.44 0.00	41.92 2.31 0.00	38.46 2.03 0.00	34.81 1.87 0.00	39.90 1.88 0.00	37.69 1.52 0.00
RAVENSWOOD_GT2_4 24247	33.48 1.34 0.00	37.25 1.41 0.00	35.06 1.35 0.00	32.12 1.19 0.00	31.89 1.22 0.00	30.30 1.28 0.00	33.04 1.55 0.00	40.24 1.88 0.00	37.99 1.78 0.00	31.61 1.45 0.00	31.01 1.50 0.00	28.98 1.55 0.00	27.54 1.44 0.00	24.22 1.22 0.00	23.63 1.10 0.00	31.68 1.44 0.00	41.13 1.78 0.00	40.88 2.20 0.00	40.71 2.44 0.00	41.92 2.31 0.00	38.46 2.03 0.00	34.81 1.87 0.00	39.90 1.88 0.00	37.69 1.52 0.00
RAVENSWOOD_GT3_1 24248	33.47 1.33 0.00	37.24 1.40 0.00	35.05 1.34 0.00	32.11 1.18 0.00	31.88 1.21 0.00	30.28 1.26 0.00	33.03 1.54 0.00	40.24 1.87 0.00	37.98 1.76 0.00	31.60 1.44 0.00	31.00 1.49 0.00	28.97 1.54 0.00	27.52 1.43 0.00	24.21 1.21 0.00	23.62 1.09 0.00	31.67 1.43 0.00	41.11 1.76 0.00	40.86 2.18 0.00	40.69 2.43 0.00	41.90 2.30 0.00	38.45 2.03 0.00	34.80 1.86 0.00	39.89 1.86 0.00	37.67 1.50 0.00

RAVENSWOOD_GT3_2 24249	33.47 1.33 0.00	37.24 1.40 0.00	35.05 1.34 0.00	32.11 1.18 0.00	31.88 1.21 0.00	30.28 1.26 0.00	33.03 1.54 0.00	40.24 1.87 0.00	37.98 1.76 0.00	31.60 1.44 0.00	31.00 1.49 0.00	28.97 1.54 0.00	27.52 1.43 0.00	24.21 1.21 0.00	23.62 1.09 0.00	31.67 1.43 0.00	41.11 1.76 0.00	40.86 2.18 0.00	40.69 2.43 0.00	41.90 2.30 0.00	38.45 2.03 0.00	34.80 1.86 0.00	39.89 1.86 0.00	37.67 1.50 0.00
RAVENSWOOD_GT3_3 24250	33.51 1.37 0.00	37.28 1.44 0.00	35.09 1.38 0.00	32.15 1.22 0.00	31.92 1.26 0.00	30.32 1.31 0.00	33.07 1.58 0.00	40.28 1.92 0.00	38.03 1.82 0.00	31.64 1.48 0.00	31.04 1.53 0.00	29.01 1.58 0.00	27.56 1.47 0.00	24.24 1.24 0.00	23.66 1.13 0.00	31.72 1.48 0.00	41.18 1.82 0.00	40.93 2.24 0.00	40.76 2.49 0.00	41.96 2.36 0.00	38.50 2.08 0.00	34.84 1.90 0.00	39.94 1.92 0.00	37.72 1.55 0.00
RAVENSWOOD_GT3_4 24251	33.51 1.37 0.00	37.28 1.44 0.00	35.09 1.38 0.00	32.15 1.22 0.00	31.92 1.26 0.00	30.32 1.31 0.00	33.07 1.58 0.00	40.28 1.92 0.00	38.03 1.82 0.00	31.64 1.48 0.00	31.04 1.53 0.00	29.01 1.58 0.00	27.56 1.47 0.00	24.24 1.24 0.00	23.66 1.13 0.00	31.72 1.48 0.00	41.18 1.82 0.00	40.93 2.24 0.00	40.76 2.49 0.00	41.96 2.36 0.00	38.50 2.08 0.00	34.84 1.90 0.00	39.94 1.92 0.00	37.72 1.55 0.00
RAVENSWOOD_GT_1 23729	33.50 1.36 0.00	37.30 1.45 0.00	35.13 1.42 0.00	32.19 1.26 0.00	31.95 1.29 0.00	30.36 1.35 0.00	33.09 1.60 0.00	40.30 1.93 0.00	38.06 1.85 0.00	31.68 1.52 0.00	31.08 1.56 0.00	29.04 1.61 0.00	27.59 1.49 0.00	24.27 1.27 0.00	23.68 1.15 0.00	31.74 1.50 0.00	41.17 1.82 0.00	40.92 2.24 0.00	40.75 2.49 0.00	41.97 2.37 0.00	38.52 2.10 0.00	34.87 1.92 0.00	49.17 1.93 -9.21	37.75 1.57 0.00
RAVENSWOOD_GT_10 24258	33.47 1.33 0.00	37.24 1.40 0.00	35.04 1.33 0.00	32.11 1.18 0.00	31.88 1.21 0.00	30.28 1.26 0.00	33.03 1.54 0.00	40.23 1.86 0.00	37.98 1.76 0.00	31.60 1.44 0.00	31.00 1.49 0.00	28.96 1.53 0.00	27.51 1.42 0.00	24.21 1.21 0.00	23.62 1.09 0.00	31.67 1.43 0.00	41.11 1.76 0.00	40.86 2.18 0.00	40.69 2.43 0.00	41.90 2.30 0.00	38.44 2.01 0.00	34.80 1.86 0.00	40.95 1.86 -1.06	37.67 1.50 0.00
RAVENSWOOD_GT_11 24259	33.47 1.33 0.00	37.24 1.40 0.00	35.04 1.33 0.00	32.11 1.18 0.00	31.88 1.21 0.00	30.28 1.26 0.00	33.03 1.54 0.00	40.23 1.86 0.00	37.98 1.76 0.00	31.60 1.44 0.00	31.00 1.49 0.00	28.96 1.53 0.00	27.51 1.42 0.00	24.21 1.21 0.00	23.62 1.09 0.00	31.67 1.43 0.00	41.11 1.76 0.00	40.86 2.18 0.00	40.69 2.43 0.00	41.90 2.30 0.00	38.44 2.01 0.00	34.80 1.86 0.00	40.95 1.86 -1.06	37.67 1.50 0.00
RAVENSWOOD_GT_4 24252	33.47 1.33 0.00	37.24 1.40 0.00	35.04 1.33 0.00	32.11 1.18 0.00	31.88 1.21 0.00	30.27 1.26 0.00	33.02 1.54 0.00	40.23 1.86 0.00	37.97 1.76 0.00	31.60 1.44 0.00	31.00 1.49 0.00	28.96 1.53 0.00	27.51 1.42 0.00	24.21 1.21 0.00	23.62 1.09 0.00	31.67 1.43 0.00	41.11 1.76 0.00	40.85 2.17 0.00	40.69 2.43 0.00	41.90 2.30 0.00	38.44 2.01 0.00	34.80 1.85 0.00	46.90 1.86 -7.01	37.67 1.50 0.00
RAVENSWOOD_GT_5 24254	33.47 1.33 0.00	37.24 1.40 0.00	35.04 1.33 0.00	32.11 1.18 0.00	31.88 1.21 0.00	30.27 1.26 0.00	33.02 1.54 0.00	40.23 1.86 0.00	37.97 1.76 0.00	31.60 1.44 0.00	31.00 1.49 0.00	28.96 1.53 0.00	27.51 1.42 0.00	24.21 1.21 0.00	23.62 1.09 0.00	31.67 1.43 0.00	41.11 1.76 0.00	40.85 2.17 0.00	40.69 2.43 0.00	41.90 2.30 0.00	38.44 2.01 0.00	34.80 1.85 0.00	46.90 1.86 -7.01	37.67 1.50 0.00
RAVENSWOOD_GT_6 24253	33.47 1.33 0.00	37.24 1.40 0.00	35.04 1.33 0.00	32.11 1.18 0.00	31.88 1.21 0.00	30.27 1.26 0.00	33.02 1.54 0.00	40.23 1.86 0.00	37.97 1.76 0.00	31.60 1.44 0.00	31.00 1.49 0.00	28.96 1.53 0.00	27.51 1.42 0.00	24.21 1.21 0.00	23.62 1.09 0.00	31.67 1.43 0.00	41.11 1.76 0.00	40.85 2.17 0.00	40.69 2.43 0.00	41.90 2.30 0.00	38.44 2.01 0.00	34.80 1.85 0.00	46.90 1.86 -7.01	37.67 1.50 0.00
RAVENSWOOD_GT_7 24255	33.47 1.33 0.00	37.24 1.40 0.00	35.04 1.33 0.00	32.11 1.18 0.00	31.88 1.21 0.00	30.27 1.26 0.00	33.02 1.54 0.00	40.23 1.86 0.00	37.97 1.76 0.00	31.60 1.44 0.00	31.00 1.49 0.00	28.96 1.53 0.00	27.51 1.42 0.00	24.21 1.21 0.00	23.62 1.09 0.00	31.67 1.43 0.00	41.11 1.76 0.00	40.85 2.17 0.00	40.69 2.43 0.00	41.90 2.30 0.00	38.44 2.01 0.00	34.80 1.85 0.00	46.90 1.86 -7.01	37.67 1.50 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.47 1.33 0.00	37.24 1.40 0.00	35.04 1.33 0.00	32.11 1.18 0.00	31.88 1.21 0.00	30.28 1.26 0.00	33.03 1.54 0.00	40.23 1.86 0.00	37.98 1.76 0.00	31.60 1.44 0.00	31.00 1.49 0.00	28.96 1.53 0.00	27.51 1.42 0.00	24.21 1.21 0.00	23.62 1.09 0.00	31.67 1.43 0.00	41.11 1.76 0.00	40.86 2.18 0.00	40.69 2.43 0.00	41.90 2.30 0.00	38.44 2.01 0.00	34.80 1.86 0.00	40.95 1.86 -1.06	37.67 1.50 0.00
RAVENSWOOD_GT_9 24257	33.47 1.33 0.00	37.24 1.40 0.00	35.04 1.33 0.00	32.11 1.18 0.00	31.88 1.21 0.00	30.28 1.26 0.00	33.03 1.54 0.00	40.23 1.86 0.00	37.98 1.76 0.00	31.60 1.44 0.00	31.00 1.49 0.00	28.96 1.53 0.00	27.51 1.42 0.00	24.21 1.21 0.00	23.62 1.09 0.00	31.67 1.43 0.00	41.11 1.76 0.00	40.86 2.18 0.00	40.69 2.43 0.00	41.90 2.30 0.00	38.44 2.01 0.00	34.80 1.86 0.00	40.95 1.86 -1.06	37.67 1.50 0.00
RAVENSWOOD___1 23533	33.47 1.33 0.00	37.25 1.41 0.00	35.08 1.37 0.00	32.14 1.22 0.00	31.91 1.24 0.00	30.31 1.30 0.00	33.05 1.56 0.00	40.25 1.89 0.00	38.01 1.80 0.00	31.64 1.48 0.00	31.04 1.52 0.00	29.00 1.58 0.00	27.55 1.46 0.00	24.23 1.24 0.00	23.65 1.11 0.00	31.69 1.46 0.00	41.13 1.78 0.00	40.89 2.20 0.00	40.72 2.45 0.00	41.93 2.32 0.00	38.47 2.05 0.00	34.82 1.88 0.00	30.82 1.87 9.07	37.70 1.54 0.00
RAVENSWOOD___2 23534	33.47 1.33 0.00	37.25 1.41 0.00	35.08 1.37 0.00	32.14 1.22 0.00	31.91 1.24 0.00	30.31 1.30 0.00	33.05 1.56 0.00	40.25 1.89 0.00	38.01 1.80 0.00	31.64 1.48 0.00	31.04 1.52 0.00	29.00 1.58 0.00	27.55 1.46 0.00	24.23 1.24 0.00	23.65 1.11 0.00	31.69 1.46 0.00	41.13 1.78 0.00	40.89 2.20 0.00	40.72 2.45 0.00	41.93 2.32 0.00	38.47 2.05 0.00	34.82 1.88 0.00	30.82 1.87 9.07	37.70 1.54 0.00
RAVENSWOOD___3 23535	33.47 1.33 0.00	37.25 1.40 0.00	35.05 1.34 0.00	32.11 1.18 0.00	31.88 1.22 0.00	30.28 1.27 0.00	33.03 1.54 0.00	40.23 1.86 0.00	37.98 1.76 0.00	31.61 1.45 0.00	31.00 1.49 0.00	28.96 1.53 0.00	27.53 1.43 0.00	24.21 1.21 0.00	23.62 1.09 0.00	31.66 1.43 0.00	41.12 1.76 0.00	40.86 2.18 0.00	40.69 2.43 0.00	41.90 2.30 0.00	38.45 2.03 0.00	34.80 1.85 0.00	39.88 1.86 0.00	37.67 1.50 0.00

RAVENSWOOD___4 23820	33.47 1.33 0.00	37.25 1.41 0.00	35.08 1.37 0.00	32.14 1.22 0.00	31.91 1.24 0.00	30.31 1.30 0.00	33.05 1.56 0.00	40.25 1.89 0.00	38.01 1.80 0.00	31.64 1.48 0.00	31.04 1.52 0.00	29.00 1.58 0.00	27.55 1.46 0.00	24.23 1.24 0.00	23.65 1.11 0.00	31.69 1.46 0.00	41.13 1.78 0.00	40.89 2.20 0.00	40.72 2.45 0.00	41.93 2.32 0.00	38.47 2.05 0.00	34.82 1.88 0.00	30.82 1.87 9.07	37.70 1.54 0.00
RCPI_TRUST___DRP 24196	33.45 1.31 0.00	37.23 1.39 0.00	35.02 1.31 0.00	32.08 1.15 0.00	31.85 1.18 0.00	30.26 1.25 0.00	33.01 1.53 0.00	40.21 1.85 0.00	37.98 1.76 0.00	31.60 1.44 0.00	31.01 1.49 0.00	28.97 1.55 0.00	27.53 1.43 0.00	24.22 1.21 0.00	23.63 1.09 0.00	31.67 1.44 0.00	41.12 1.76 0.00	40.87 2.18 0.00	40.71 2.44 0.00	41.92 2.31 0.00	38.46 2.03 0.00	34.81 1.86 0.00	39.88 1.86 0.00	37.67 1.50 0.00
RED___ROCHESTER 323720	30.93 -1.21 0.00	34.52 -1.32 0.00	32.44 -1.27 0.00	29.71 -1.22 0.00	29.43 -1.24 0.00	27.91 -1.10 0.00	30.22 -1.26 0.00	36.31 -2.06 0.00	34.14 -2.07 0.00	28.72 -1.44 0.00	28.03 -1.49 0.00	26.03 -1.39 0.00	24.78 -1.32 0.00	21.85 -1.15 0.00	21.33 -1.20 0.00	28.47 -1.76 0.00	36.97 -2.38 0.00	36.78 -1.90 0.00	36.81 -1.46 0.00	37.59 -2.01 0.00	34.23 -2.19 0.00	30.95 -1.99 0.00	36.06 -1.96 0.00	34.44 -1.74 0.00
REGAN___SOLAR 323812	35.28 3.15 0.00	39.24 3.40 0.00	36.84 3.13 0.00	33.80 2.87 0.00	33.53 2.86 0.00	31.72 2.70 0.00	34.66 3.17 0.00	42.34 3.98 0.00	39.96 3.75 0.00	32.57 2.42 0.00	31.45 1.93 0.00	28.87 1.45 0.00	27.06 0.97 0.00	23.88 0.89 0.00	23.56 1.03 0.00	32.68 2.44 0.00	43.20 3.85 0.00	43.09 4.42 0.00	42.71 4.45 0.00	44.08 4.47 0.00	40.38 3.96 0.00	36.44 3.49 0.00	42.02 4.00 0.00	39.77 3.60 0.00
RENSSELAER___COGEN 23796	32.45 0.31 0.00	36.22 0.38 0.00	34.08 0.37 0.00	31.27 0.33 0.00	31.00 0.33 0.00	29.36 0.34 0.00	31.84 0.36 0.00	38.88 0.51 0.00	36.57 0.36 0.00	30.35 0.20 0.00	29.75 0.24 0.00	27.68 0.25 0.00	26.30 0.20 0.00	23.15 0.15 0.00	22.69 0.15 0.00	30.51 0.27 0.00	39.82 0.47 0.00	39.44 0.76 0.00	39.13 0.87 0.00	40.25 0.64 0.00	36.88 0.45 0.00	33.37 0.43 0.00	38.36 0.33 0.00	36.38 0.21 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.61 2.47 0.00	38.54 2.70 0.00	36.29 2.57 0.00	33.19 2.26 0.00	32.76 2.09 0.00	31.20 2.18 0.00	34.09 2.60 0.00	42.02 3.65 0.00	39.33 3.12 0.00	32.31 2.16 0.00	31.66 2.14 0.00	29.24 1.81 0.00	27.58 1.49 0.00	24.27 1.27 0.00	24.15 1.62 0.00	33.36 3.12 0.00	43.72 4.36 0.00	43.15 4.47 0.00	42.82 4.55 0.00	44.20 4.59 0.00	40.04 3.62 0.00	36.33 3.38 0.00	41.31 3.29 0.00	39.11 2.94 0.00
REVERE_CPPR_DRP 24186	33.05 0.91 0.00	36.81 0.97 0.00	34.61 0.90 0.00	31.78 0.85 0.00	31.52 0.85 0.00	29.85 0.84 0.00	32.46 0.97 0.00	39.60 1.24 0.00	37.45 1.23 0.00	31.15 1.00 0.00	30.36 0.84 0.00	28.04 0.61 0.00	26.64 0.54 0.00	23.43 0.43 0.00	22.97 0.44 0.00	30.96 0.73 0.00	40.49 1.14 0.00	40.21 1.53 0.00	39.88 1.62 0.00	41.14 1.54 0.00	37.69 1.27 0.00	34.04 1.10 0.00	39.24 1.22 0.00	37.25 1.08 0.00
REYNOLDS_115KV_TB3 80639	32.71 0.57 0.00	36.53 0.69 0.00	34.37 0.66 0.00	31.52 0.59 0.00	31.26 0.60 0.00	29.61 0.60 0.00	32.09 0.61 0.00	39.19 0.82 0.00	36.83 0.62 0.00	30.58 0.43 0.00	30.00 0.48 0.00	27.89 0.46 0.00	26.48 0.38 0.00	23.29 0.29 0.00	22.83 0.30 0.00	30.74 0.51 0.00	40.13 0.77 0.00	39.75 1.07 0.00	39.43 1.17 0.00	40.52 0.92 0.00	37.12 0.70 0.00	33.60 0.66 0.00	38.61 0.59 0.00	36.65 0.48 0.00
RIVERBAY____ 323610	33.42 1.28 0.00	37.29 1.45 0.00	35.22 1.51 0.00	32.29 1.36 0.00	31.98 1.32 0.00	30.45 1.44 0.00	33.16 1.68 0.00	40.45 2.08 0.00	38.16 1.94 0.00	31.72 1.57 0.00	31.12 1.60 0.00	29.09 1.66 0.00	27.60 1.51 0.00	24.27 1.27 0.00	23.66 1.13 0.00	31.75 1.51 0.00	41.23 1.87 0.00	41.01 2.32 0.00	40.82 2.56 0.00	42.06 2.45 0.00	38.58 2.16 0.00	34.96 2.01 0.00	40.06 2.03 0.00	37.78 1.60 0.00
RIVERSDE_115KV_TB3 55908	32.59 0.45 0.00	36.38 0.54 0.00	34.24 0.52 0.00	31.40 0.47 0.00	31.14 0.48 0.00	29.49 0.48 0.00	31.98 0.49 0.00	39.04 0.67 0.00	36.72 0.51 0.00	30.48 0.32 0.00	29.88 0.37 0.00	27.79 0.36 0.00	26.40 0.31 0.00	23.24 0.24 0.00	22.78 0.25 0.00	30.65 0.41 0.00	40.01 0.65 0.00	39.62 0.94 0.00	39.31 1.05 0.00	40.41 0.81 0.00	37.02 0.60 0.00	33.50 0.56 0.00	38.50 0.47 0.00	36.53 0.36 0.00
ROARING___BROOK_WT_PWR 323790	32.25 0.11 0.00	35.98 0.14 0.00	33.87 0.16 0.00	31.07 0.13 0.00	30.78 0.11 0.00	29.10 0.08 0.00	31.54 0.06 0.00	38.47 0.10 0.00	36.37 0.16 0.00	30.31 0.15 0.00	29.66 0.15 0.00	27.54 0.11 0.00	26.24 0.15 0.00	23.16 0.16 0.00	22.71 0.18 0.00	30.45 0.22 0.00	39.59 0.23 0.00	38.71 0.03 0.00	38.16 -0.11 0.00	39.60 -0.01 0.00	36.50 0.07 0.00	33.00 0.06 0.00	38.15 0.13 0.00	36.35 0.18 0.00
ROCHESRG_115KV_T4 355643	30.63 -1.51 0.00	34.18 -1.66 0.00	32.14 -1.57 0.00	29.44 -1.49 0.00	29.16 -1.51 0.00	27.65 -1.36 0.00	29.92 -1.56 0.00	35.93 -2.44 0.00	33.76 -2.45 0.00	28.40 -1.76 0.00	27.71 -1.81 0.00	25.75 -1.68 0.00	24.54 -1.56 0.00	21.65 -1.35 0.00	21.13 -1.40 0.00	28.19 -2.05 0.00	36.56 -2.79 0.00	36.34 -2.34 0.00	36.34 -1.92 0.00	37.12 -2.49 0.00	33.81 -2.61 0.00	30.58 -2.36 0.00	35.65 -2.37 0.00	34.07 -2.10 0.00
ROCHESTER_9_IC 23652	30.80 -1.34 0.00	34.38 -1.47 0.00	32.30 -1.41 0.00	29.59 -1.34 0.00	29.31 -1.36 0.00	27.80 -1.22 0.00	30.09 -1.39 0.00	36.15 -2.22 0.00	33.98 -2.24 0.00	28.58 -1.58 0.00	27.88 -1.63 0.00	25.90 -1.53 0.00	24.67 -1.43 0.00	21.75 -1.25 0.00	21.24 -1.29 0.00	28.33 -1.90 0.00	36.79 -2.56 0.00	36.57 -2.11 0.00	36.59 -1.67 0.00	37.37 -2.23 0.00	34.04 -2.39 0.00	30.78 -2.17 0.00	35.87 -2.16 0.00	34.27 -1.90 0.00
ROCKVIEW_13_KV_LD 356306	33.57 1.43 0.00	37.36 1.52 0.00	35.07 1.36 0.00	32.13 1.20 0.00	31.90 1.24 0.00	30.28 1.26 0.00	33.00 1.52 0.00	40.28 1.91 0.00	38.01 1.80 0.00	31.59 1.43 0.00	31.00 1.48 0.00	28.93 1.50 0.00	27.47 1.38 0.00	24.16 1.16 0.00	23.59 1.05 0.00	31.66 1.42 0.00	41.17 1.82 0.00	40.90 2.22 0.00	40.72 2.46 0.00	41.93 2.32 0.00	38.44 2.02 0.00	34.79 1.85 0.00	39.90 1.88 0.00	37.71 1.53 0.00
ROME____115KV_TB2 80656	33.05 0.91 0.00	36.81 0.97 0.00	34.61 0.90 0.00	31.78 0.85 0.00	31.52 0.85 0.00	29.85 0.84 0.00	32.46 0.97 0.00	39.60 1.24 0.00	37.45 1.23 0.00	31.15 1.00 0.00	30.36 0.84 0.00	28.04 0.61 0.00	26.64 0.54 0.00	23.43 0.43 0.00	22.97 0.44 0.00	30.96 0.73 0.00	40.49 1.14 0.00	40.21 1.53 0.00	39.88 1.62 0.00	41.14 1.54 0.00	37.69 1.27 0.00	34.04 1.10 0.00	39.24 1.22 0.00	37.25 1.08 0.00

ROSETON___1 23587	33.21 1.07 0.00	36.99 1.14 0.00	34.76 1.04 0.00	31.86 0.93 0.00	31.63 0.96 0.00	29.99 0.97 0.00	32.65 1.17 0.00	39.85 1.49 0.00	37.59 1.37 0.00	31.21 1.05 0.00	30.62 1.11 0.00	28.54 1.12 0.00	27.10 1.01 0.00	23.83 0.83 0.00	23.28 0.74 0.00	31.28 1.05 0.00	40.73 1.38 0.00	40.41 1.74 0.00	40.20 1.94 0.00	41.40 1.79 0.00	37.95 1.53 0.00	34.34 1.40 0.00	39.42 1.39 0.00	37.29 1.12 0.00
ROSETON___2 23588	33.21 1.07 0.00	36.99 1.14 0.00	34.76 1.04 0.00	31.86 0.93 0.00	31.63 0.96 0.00	29.99 0.97 0.00	32.65 1.17 0.00	39.85 1.49 0.00	37.59 1.37 0.00	31.21 1.05 0.00	30.62 1.11 0.00	28.54 1.12 0.00	27.10 1.01 0.00	23.83 0.83 0.00	23.28 0.74 0.00	31.28 1.05 0.00	40.73 1.38 0.00	40.41 1.74 0.00	40.20 1.94 0.00	41.40 1.79 0.00	37.95 1.53 0.00	34.34 1.40 0.00	39.42 1.39 0.00	37.29 1.12 0.00
ROTTTRDAM_115KV_TB3 80664	32.96 0.82 0.00	36.75 0.91 0.00	34.56 0.85 0.00	31.72 0.79 0.00	31.44 0.78 0.00	29.77 0.76 0.00	32.34 0.85 0.00	39.48 1.11 0.00	37.18 0.97 0.00	30.85 0.69 0.00	30.20 0.69 0.00	28.03 0.61 0.00	26.62 0.52 0.00	23.42 0.42 0.00	22.97 0.44 0.00	30.97 0.73 0.00	40.44 1.09 0.00	39.99 1.31 0.00	39.67 1.41 0.00	40.87 1.27 0.00	37.47 1.05 0.00	33.90 0.95 0.00	38.99 0.97 0.00	37.00 0.83 0.00
RUSSELL___1 23602	30.94 -1.20 0.00	34.53 -1.32 0.00	32.44 -1.27 0.00	29.72 -1.22 0.00	29.43 -1.24 0.00	27.91 -1.10 0.00	30.22 -1.26 0.00	36.31 -2.06 0.00	34.14 -2.07 0.00	28.72 -1.44 0.00	28.02 -1.50 0.00	26.03 -1.40 0.00	24.78 -1.32 0.00	21.85 -1.15 0.00	21.33 -1.20 0.00	28.46 -1.77 0.00	36.98 -2.37 0.00	36.78 -1.90 0.00	36.81 -1.46 0.00	37.59 -2.01 0.00	34.23 -2.19 0.00	30.95 -1.99 0.00	36.06 -1.97 0.00	34.44 -1.73 0.00
RUSSELL___2 23532	30.94 -1.20 0.00	34.53 -1.32 0.00	32.44 -1.27 0.00	29.72 -1.22 0.00	29.43 -1.24 0.00	27.91 -1.10 0.00	30.22 -1.26 0.00	36.31 -2.06 0.00	34.14 -2.07 0.00	28.72 -1.44 0.00	28.02 -1.50 0.00	26.03 -1.40 0.00	24.78 -1.32 0.00	21.85 -1.15 0.00	21.33 -1.20 0.00	28.46 -1.77 0.00	36.98 -2.37 0.00	36.78 -1.90 0.00	36.81 -1.46 0.00	37.59 -2.01 0.00	34.23 -2.19 0.00	30.95 -1.99 0.00	36.06 -1.97 0.00	34.44 -1.73 0.00
RUSSELL___3 23549	30.94 -1.20 0.00	34.53 -1.32 0.00	32.44 -1.27 0.00	29.72 -1.22 0.00	29.43 -1.24 0.00	27.91 -1.10 0.00	30.22 -1.26 0.00	36.31 -2.06 0.00	34.14 -2.07 0.00	28.72 -1.44 0.00	28.02 -1.50 0.00	26.03 -1.40 0.00	24.78 -1.32 0.00	21.85 -1.15 0.00	21.33 -1.20 0.00	28.46 -1.77 0.00	36.98 -2.37 0.00	36.78 -1.90 0.00	36.81 -1.46 0.00	37.59 -2.01 0.00	34.23 -2.19 0.00	30.95 -1.99 0.00	36.06 -1.97 0.00	34.44 -1.73 0.00
RUSSELL___4 23556	30.94 -1.20 0.00	34.53 -1.32 0.00	32.44 -1.27 0.00	29.72 -1.22 0.00	29.43 -1.24 0.00	27.91 -1.10 0.00	30.22 -1.26 0.00	36.31 -2.06 0.00	34.14 -2.07 0.00	28.72 -1.44 0.00	28.02 -1.50 0.00	26.03 -1.40 0.00	24.78 -1.32 0.00	21.85 -1.15 0.00	21.33 -1.20 0.00	28.46 -1.77 0.00	36.98 -2.37 0.00	36.78 -1.90 0.00	36.81 -1.46 0.00	37.59 -2.01 0.00	34.23 -2.19 0.00	30.95 -1.99 0.00	36.06 -1.97 0.00	34.44 -1.73 0.00
RUSSELL___STATION 23914	30.94 -1.20 0.00	34.53 -1.32 0.00	32.44 -1.27 0.00	29.72 -1.22 0.00	29.43 -1.24 0.00	27.91 -1.10 0.00	30.22 -1.26 0.00	36.31 -2.06 0.00	34.14 -2.07 0.00	28.72 -1.44 0.00	28.02 -1.50 0.00	26.03 -1.40 0.00	24.78 -1.32 0.00	21.85 -1.15 0.00	21.33 -1.20 0.00	28.46 -1.77 0.00	36.98 -2.37 0.00	36.78 -1.90 0.00	36.81 -1.46 0.00	37.59 -2.01 0.00	34.23 -2.19 0.00	30.95 -1.99 0.00	36.06 -1.97 0.00	34.44 -1.73 0.00
S SALMON___HYD 24043	31.29 -0.85 0.00	34.85 -0.99 0.00	32.79 -0.92 0.00	30.13 -0.80 0.00	29.88 -0.79 0.00	28.23 -0.78 0.00	30.65 -0.83 0.00	37.34 -1.03 0.00	35.26 -0.95 0.00	29.36 -0.80 0.00	28.64 -0.87 0.00	26.56 -0.87 0.00	25.23 -0.86 0.00	22.30 -0.70 0.00	21.81 -0.73 0.00	29.20 -1.04 0.00	38.25 -1.10 0.00	37.94 -0.73 0.00	37.69 -0.58 0.00	38.86 -0.75 0.00	35.61 -0.81 0.00	32.22 -0.73 0.00	37.27 -0.75 0.00	35.46 -0.71 0.00
S.PERRY___115KV_TB1 80734	32.41 0.27 0.00	36.11 0.26 0.00	33.91 0.20 0.00	31.13 0.20 0.00	30.92 0.25 0.00	29.27 0.26 0.00	31.75 0.26 0.00	38.54 0.17 0.00	36.37 0.16 0.00	30.45 0.29 0.00	29.57 0.06 0.00	27.15 -0.28 0.00	25.76 -0.33 0.00	22.56 -0.44 0.00	21.98 -0.56 0.00	29.46 -0.78 0.00	38.61 -0.75 0.00	39.08 0.40 0.00	39.19 0.93 0.00	40.27 0.67 0.00	36.64 0.21 0.00	33.09 0.14 0.00	38.21 0.19 0.00	36.31 0.14 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	30.17 -1.97 0.00	33.69 -2.15 0.00	31.66 -2.05 0.00	28.96 -1.97 0.00	28.66 -2.00 0.00	27.20 -1.82 0.00	29.31 -2.18 0.00	34.77 -3.60 0.00	32.45 -3.76 0.00	27.46 -2.70 0.00	26.75 -2.76 0.00	24.88 -2.55 0.00	23.86 -2.24 0.00	21.07 -1.93 0.00	20.54 -1.99 0.00	27.29 -2.95 0.00	35.08 -4.28 0.00	34.86 -3.82 0.00	34.96 -3.30 0.00	35.46 -4.15 0.00	32.14 -4.28 0.00	29.12 -3.82 0.00	34.22 -3.80 0.00	32.89 -3.28 0.00
SAWYER___23_KV_LOAD 55526	30.17 -1.97 0.00	33.69 -2.15 0.00	31.66 -2.05 0.00	28.96 -1.97 0.00	28.66 -2.00 0.00	27.20 -1.82 0.00	29.31 -2.18 0.00	34.77 -3.60 0.00	32.45 -3.76 0.00	27.46 -2.70 0.00	26.75 -2.76 0.00	24.88 -2.55 0.00	23.86 -2.24 0.00	21.07 -1.93 0.00	20.54 -1.99 0.00	27.29 -2.95 0.00	35.08 -4.28 0.00	34.86 -3.82 0.00	34.96 -3.30 0.00	35.46 -4.15 0.00	32.14 -4.28 0.00	29.12 -3.82 0.00	34.22 -3.80 0.00	32.89 -3.28 0.00
SELKIRK___I 23801	32.78 0.64 0.00	36.55 0.71 0.00	34.43 0.72 0.00	31.61 0.68 0.00	31.32 0.66 0.00	29.64 0.62 0.00	32.14 0.65 0.00	39.21 0.84 0.00	36.79 0.58 0.00	30.49 0.33 0.00	29.89 0.37 0.00	27.78 0.35 0.00	26.39 0.29 0.00	23.21 0.21 0.00	22.74 0.21 0.00	30.66 0.43 0.00	40.18 0.83 0.00	39.79 1.11 0.00	39.45 1.19 0.00	40.61 1.00 0.00	37.22 0.80 0.00	33.67 0.73 0.00	38.74 0.71 0.00	36.77 0.60 0.00
SELKIRK___II 23799	32.60 0.47 0.00	36.36 0.52 0.00	34.23 0.52 0.00	31.41 0.47 0.00	31.15 0.48 0.00	29.48 0.47 0.00	31.99 0.51 0.00	39.04 0.67 0.00	36.73 0.52 0.00	30.50 0.34 0.00	29.90 0.38 0.00	27.80 0.37 0.00	26.41 0.32 0.00	23.24 0.25 0.00	22.77 0.24 0.00	30.63 0.39 0.00	39.99 0.63 0.00	39.59 0.91 0.00	39.27 1.01 0.00	40.43 0.82 0.00	37.04 0.62 0.00	33.53 0.58 0.00	38.55 0.52 0.00	36.57 0.39 0.00
SENECA OSWGO___HYD 24041	31.08 -1.06 0.00	34.64 -1.20 0.00	32.58 -1.14 0.00	29.88 -1.05 0.00	29.66 -1.01 0.00	28.07 -0.94 0.00	30.47 -1.02 0.00	37.07 -1.29 0.00	34.95 -1.26 0.00	29.16 -1.00 0.00	28.51 -1.01 0.00	26.49 -0.94 0.00	25.18 -0.92 0.00	22.18 -0.82 0.00	21.73 -0.80 0.00	29.10 -1.14 0.00	37.98 -1.37 0.00	37.56 -1.12 0.00	37.31 -0.96 0.00	38.45 -1.15 0.00	35.21 -1.21 0.00	31.83 -1.11 0.00	36.80 -1.23 0.00	35.05 -1.12 0.00

SENECA___115KV_TB3 355854	30.70 -1.44 0.00	34.25 -1.59 0.00	32.19 -1.52 0.00	29.45 -1.48 0.00	29.17 -1.50 0.00	27.66 -1.35 0.00	29.82 -1.67 0.00	35.45 -2.91 0.00	33.07 -3.14 0.00	27.96 -2.20 0.00	27.23 -2.28 0.00	25.34 -2.09 0.00	24.29 -1.81 0.00	21.44 -1.56 0.00	20.90 -1.64 0.00	27.78 -2.45 0.00	35.73 -3.63 0.00	35.48 -3.20 0.00	35.55 -2.71 0.00	36.09 -3.52 0.00	32.72 -3.70 0.00	29.63 -3.32 0.00	34.78 -3.25 0.00	33.36 -2.81 0.00
SENECA___ENERGY 23797	31.57 -0.57 0.00	35.13 -0.71 0.00	33.05 -0.66 0.00	30.35 -0.58 0.00	30.09 -0.57 0.00	28.54 -0.48 0.00	30.99 -0.50 0.00	37.52 -0.84 0.00	35.40 -0.81 0.00	29.69 -0.46 0.00	29.00 -0.52 0.00	26.94 -0.49 0.00	25.56 -0.54 0.00	22.46 -0.55 0.00	21.92 -0.62 0.00	29.31 -0.92 0.00	38.25 -1.10 0.00	38.05 -0.63 0.00	37.93 -0.33 0.00	39.04 -0.57 0.00	35.58 -0.84 0.00	32.25 -0.69 0.00	37.23 -0.80 0.00	35.44 -0.73 0.00
SHOEMAKER___GT 23640	33.08 0.94 0.00	36.85 1.00 0.00	34.62 0.91 0.00	31.73 0.80 0.00	31.50 0.83 0.00	29.86 0.85 0.00	32.51 1.03 0.00	39.68 1.31 0.00	37.41 1.20 0.00	31.03 0.87 0.00	30.38 0.86 0.00	28.31 0.88 0.00	26.88 0.79 0.00	23.65 0.65 0.00	23.12 0.59 0.00	31.06 0.83 0.00	40.49 1.14 0.00	40.20 1.52 0.00	39.99 1.73 0.00	41.20 1.60 0.00	37.79 1.37 0.00	34.20 1.25 0.00	39.27 1.25 0.00	37.17 1.00 0.00
SHOEMAKR_138KV_BK 111 55601	33.06 0.92 0.00	36.83 0.99 0.00	34.60 0.89 0.00	31.72 0.79 0.00	31.49 0.82 0.00	29.85 0.84 0.00	32.51 1.02 0.00	39.66 1.30 0.00	37.41 1.20 0.00	31.04 0.88 0.00	30.40 0.88 0.00	28.32 0.89 0.00	26.90 0.81 0.00	23.67 0.67 0.00	23.13 0.60 0.00	31.07 0.84 0.00	40.49 1.14 0.00	40.20 1.52 0.00	39.98 1.72 0.00	41.20 1.59 0.00	37.78 1.36 0.00	34.18 1.24 0.00	39.26 1.23 0.00	37.15 0.97 0.00
SHOREHAM_IC_1 23715	34.44 2.31 0.00	38.43 2.59 0.00	36.06 2.35 0.00	32.87 1.94 0.00	32.63 1.97 0.00	31.17 2.16 0.00	33.87 2.39 0.00	41.48 3.11 0.00	39.06 2.85 0.00	32.10 1.94 0.00	31.60 2.09 0.00	29.53 2.10 0.00	27.94 1.84 0.00	24.68 1.68 0.00	23.94 1.41 0.00	32.19 1.96 0.00	42.33 2.97 0.00	41.85 3.17 0.00	41.51 3.25 0.00	43.27 3.67 0.00	39.62 3.19 0.00	35.83 2.89 0.00	41.08 3.06 0.00	38.75 2.58 0.00
SHOREHAM_IC_2 23716	34.44 2.31 0.00	38.43 2.59 0.00	36.06 2.35 0.00	32.87 1.94 0.00	32.63 1.97 0.00	31.17 2.16 0.00	33.87 2.39 0.00	41.48 3.11 0.00	39.06 2.85 0.00	32.10 1.94 0.00	31.60 2.09 0.00	29.53 2.10 0.00	27.94 1.84 0.00	24.68 1.68 0.00	23.94 1.41 0.00	32.19 1.96 0.00	42.33 2.97 0.00	41.85 3.17 0.00	41.51 3.25 0.00	43.27 3.67 0.00	39.62 3.19 0.00	35.83 2.89 0.00	41.08 3.06 0.00	38.75 2.58 0.00
SISSONVILLE____ 23735	32.45 0.30 0.00	36.34 0.49 0.00	34.21 0.49 0.00	31.37 0.44 0.00	31.04 0.37 0.00	29.05 0.04 0.00	31.29 -0.20 0.00	38.27 -0.09 0.00	36.33 0.12 0.00	30.25 0.09 0.00	29.53 0.02 0.00	27.34 -0.09 0.00	26.12 0.03 0.00	23.22 0.22 0.00	22.80 0.27 0.00	30.48 0.24 0.00	39.66 0.31 0.00	38.51 -0.17 0.00	37.71 -0.55 0.00	39.31 -0.30 0.00	36.35 -0.07 0.00	32.86 -0.08 0.00	38.25 0.22 0.00	36.65 0.48 0.00
SITHE_IND_GS1 24169	30.77 -1.37 0.00	34.29 -1.55 0.00	32.26 -1.45 0.00	29.60 -1.33 0.00	29.35 -1.32 0.00	27.78 -1.24 0.00	30.15 -1.33 0.00	36.65 -1.71 0.00	34.57 -1.65 0.00	28.83 -1.32 0.00	28.21 -1.31 0.00	26.20 -1.22 0.00	24.93 -1.17 0.00	21.99 -1.01 0.00	21.55 -0.99 0.00	28.83 -1.41 0.00	37.55 -1.81 0.00	37.09 -1.59 0.00	36.79 -1.47 0.00	37.95 -1.66 0.00	34.81 -1.61 0.00	31.47 -1.47 0.00	36.41 -1.61 0.00	34.71 -1.46 0.00
SITHE_IND_GS2 24170	30.77 -1.37 0.00	34.29 -1.55 0.00	32.26 -1.45 0.00	29.60 -1.33 0.00	29.35 -1.32 0.00	27.78 -1.24 0.00	30.15 -1.33 0.00	36.65 -1.71 0.00	34.57 -1.65 0.00	28.83 -1.32 0.00	28.21 -1.31 0.00	26.20 -1.22 0.00	24.93 -1.17 0.00	21.99 -1.01 0.00	21.55 -0.99 0.00	28.83 -1.41 0.00	37.55 -1.81 0.00	37.09 -1.59 0.00	36.79 -1.47 0.00	37.95 -1.66 0.00	34.81 -1.61 0.00	31.47 -1.47 0.00	36.41 -1.61 0.00	34.71 -1.46 0.00
SITHE_IND_GS3 24171	30.77 -1.37 0.00	34.29 -1.55 0.00	32.26 -1.45 0.00	29.60 -1.33 0.00	29.35 -1.32 0.00	27.78 -1.24 0.00	30.15 -1.33 0.00	36.65 -1.71 0.00	34.57 -1.65 0.00	28.83 -1.32 0.00	28.21 -1.31 0.00	26.20 -1.22 0.00	24.93 -1.17 0.00	21.99 -1.01 0.00	21.55 -0.99 0.00	28.83 -1.41 0.00	37.55 -1.81 0.00	37.09 -1.59 0.00	36.79 -1.47 0.00	37.95 -1.66 0.00	34.81 -1.61 0.00	31.47 -1.47 0.00	36.41 -1.61 0.00	34.71 -1.46 0.00
SITHE_IND_GS4 24172	30.77 -1.37 0.00	34.29 -1.55 0.00	32.26 -1.45 0.00	29.60 -1.33 0.00	29.35 -1.32 0.00	27.78 -1.24 0.00	30.15 -1.33 0.00	36.65 -1.71 0.00	34.57 -1.65 0.00	28.83 -1.32 0.00	28.21 -1.31 0.00	26.20 -1.22 0.00	24.93 -1.17 0.00	21.99 -1.01 0.00	21.55 -0.99 0.00	28.83 -1.41 0.00	37.55 -1.81 0.00	37.09 -1.59 0.00	36.79 -1.47 0.00	37.95 -1.66 0.00	34.81 -1.61 0.00	31.47 -1.47 0.00	36.41 -1.61 0.00	34.71 -1.46 0.00
SITHE___BATAVIA 24024	30.90 -1.24 0.00	34.49 -1.35 0.00	32.40 -1.31 0.00	29.63 -1.30 0.00	29.35 -1.31 0.00	27.88 -1.13 0.00	30.11 -1.37 0.00	35.86 -2.51 0.00	33.61 -2.60 0.00	28.38 -1.78 0.00	27.62 -1.90 0.00	25.59 -1.84 0.00	24.44 -1.66 0.00	21.48 -1.52 0.00	20.89 -1.64 0.00	27.86 -2.38 0.00	36.09 -3.26 0.00	36.11 -2.57 0.00	36.24 -2.02 0.00	36.80 -2.81 0.00	33.40 -3.02 0.00	30.22 -2.73 0.00	35.42 -2.61 0.00	33.93 -2.24 0.00
SITHE___INDEPEND 23800	30.77 -1.37 0.00	34.29 -1.55 0.00	32.26 -1.45 0.00	29.60 -1.33 0.00	29.35 -1.32 0.00	27.77 -1.24 0.00	30.15 -1.34 0.00	36.65 -1.72 0.00	34.56 -1.65 0.00	28.83 -1.32 0.00	28.21 -1.31 0.00	26.20 -1.23 0.00	24.93 -1.17 0.00	21.99 -1.01 0.00	21.55 -0.99 0.00	28.83 -1.41 0.00	37.55 -1.81 0.00	37.09 -1.59 0.00	36.79 -1.47 0.00	37.95 -1.66 0.00	34.81 -1.61 0.00	31.47 -1.47 0.00	36.42 -1.61 0.00	34.72 -1.46 0.00
SITHE___MASSENA 23902	32.73 0.60 0.00	36.65 0.81 0.00	34.49 0.78 0.00	31.63 0.69 0.00	31.31 0.64 0.00	29.43 0.42 0.00	31.84 0.35 0.00	38.87 0.50 0.00	36.85 0.64 0.00	30.73 0.57 0.00	30.04 0.53 0.00	27.87 0.45 0.00	26.63 0.53 0.00	23.62 0.62 0.00	23.19 0.65 0.00	30.97 0.74 0.00	40.20 0.85 0.00	39.00 0.32 0.00	38.22 -0.04 0.00	39.83 0.22 0.00	36.85 0.43 0.00	33.31 0.37 0.00	38.63 0.61 0.00	36.91 0.74 0.00
SITHE___OGDNSBRG 24021	33.23 1.09 0.00	37.21 1.37 0.00	35.01 1.30 0.00	32.09 1.16 0.00	31.75 1.09 0.00	29.80 0.79 0.00	32.19 0.70 0.00	39.35 0.99 0.00	37.30 1.09 0.00	30.97 0.81 0.00	30.23 0.71 0.00	28.00 0.57 0.00	26.78 0.68 0.00	23.78 0.78 0.00	23.34 0.81 0.00	31.32 1.08 0.00	40.79 1.43 0.00	39.58 0.90 0.00	38.72 0.46 0.00	40.38 0.78 0.00	37.35 0.93 0.00	33.74 0.80 0.00	39.18 1.15 0.00	37.45 1.28 0.00

SITHE___STERLING 23777	32.73 0.59 0.00	36.48 0.63 0.00	34.29 0.58 0.00	31.48 0.55 0.00	31.23 0.56 0.00	29.57 0.56 0.00	32.15 0.66 0.00	39.19 0.83 0.00	37.02 0.81 0.00	30.83 0.67 0.00	30.08 0.56 0.00	27.84 0.41 0.00	26.45 0.35 0.00	23.26 0.25 0.00	22.78 0.24 0.00	30.69 0.46 0.00	40.05 0.69 0.00	39.74 1.06 0.00	39.44 1.18 0.00	40.68 1.08 0.00	37.27 0.85 0.00	33.67 0.72 0.00	38.81 0.79 0.00	36.85 0.68 0.00
SLEIGHT__34_KV_TB1 80719	31.04 -1.09 0.00	34.60 -1.24 0.00	32.52 -1.19 0.00	29.81 -1.12 0.00	29.53 -1.14 0.00	28.03 -0.98 0.00	30.41 -1.07 0.00	36.69 -1.68 0.00	34.56 -1.65 0.00	29.02 -1.14 0.00	28.34 -1.17 0.00	26.34 -1.09 0.00	25.03 -1.07 0.00	22.04 -0.95 0.00	21.54 -0.99 0.00	28.80 -1.44 0.00	37.49 -1.87 0.00	37.23 -1.45 0.00	37.11 -1.15 0.00	38.05 -1.55 0.00	34.74 -1.68 0.00	31.39 -1.55 0.00	36.46 -1.57 0.00	34.73 -1.44 0.00
SOUTH CAIRO___GT 23612	33.99 1.85 0.00	37.88 2.04 0.00	35.68 1.97 0.00	32.76 1.83 0.00	32.46 1.79 0.00	30.74 1.72 0.00	33.36 1.87 0.00	40.76 2.40 0.00	38.24 2.03 0.00	31.60 1.44 0.00	30.83 1.32 0.00	28.51 1.08 0.00	26.97 0.87 0.00	23.66 0.66 0.00	23.25 0.72 0.00	31.51 1.28 0.00	41.62 2.26 0.00	41.64 2.96 0.00	41.34 3.08 0.00	42.43 2.82 0.00	38.75 2.33 0.00	35.03 2.09 0.00	40.26 2.23 0.00	38.13 1.96 0.00
SOUTH HAMPTN___IC 23720	34.64 2.50 0.00	38.60 2.76 0.00	36.23 2.52 0.00	33.04 2.11 0.00	32.82 2.16 0.00	31.35 2.34 0.00	34.08 2.59 0.00	41.73 3.37 0.00	39.29 3.08 0.00	32.26 2.11 0.00	31.79 2.27 0.00	29.71 2.28 0.00	28.09 1.99 0.00	24.82 1.83 0.00	24.11 1.57 0.00	32.43 2.19 0.00	42.73 3.37 0.00	42.25 3.58 0.00	41.88 3.62 0.00	43.59 3.98 0.00	39.87 3.45 0.00	36.08 3.14 0.00	41.36 3.34 0.00	38.99 2.82 0.00
SOUTHDOW_115KV_TB1 355954	32.16 0.02 0.00	35.86 0.02 0.00	33.71 0.00 0.00	30.85 -0.08 0.00	30.57 -0.09 0.00	28.96 -0.06 0.00	31.26 -0.22 0.00	37.46 -0.90 0.00	35.08 -1.14 0.00	29.60 -0.56 0.00	28.80 -0.72 0.00	26.89 -0.54 0.00	25.74 -0.36 0.00	22.66 -0.34 0.00	22.05 -0.49 0.00	29.35 -0.88 0.00	37.78 -1.57 0.00	37.48 -1.20 0.00	37.59 -0.67 0.00	38.28 -1.32 0.00	34.72 -1.70 0.00	31.47 -1.47 0.00	36.78 -1.24 0.00	35.05 -1.12 0.00
SOUTHOLD_69_KV_BK 2 55809	34.81 2.67 0.00	38.73 2.89 0.00	36.37 2.65 0.00	33.16 2.23 0.00	32.96 2.30 0.00	31.50 2.48 0.00	34.27 2.79 0.00	42.01 3.64 0.00	39.52 3.31 0.00	32.44 2.28 0.00	31.96 2.45 0.00	29.89 2.46 0.00	28.22 2.12 0.00	24.96 1.96 0.00	24.30 1.76 0.00	32.76 2.52 0.00	43.29 3.94 0.00	42.78 4.10 0.00	42.34 4.08 0.00	44.00 4.40 0.00	40.18 3.75 0.00	36.39 3.45 0.00	41.72 3.70 0.00	39.29 3.11 0.00
SOUTHOLD___IC 23719	34.81 2.67 0.00	38.73 2.89 0.00	36.36 2.65 0.00	33.16 2.23 0.00	32.96 2.29 0.00	31.50 2.49 0.00	34.27 2.78 0.00	42.01 3.64 0.00	39.52 3.31 0.00	32.44 2.28 0.00	31.96 2.45 0.00	29.89 2.46 0.00	28.22 2.13 0.00	24.96 1.96 0.00	24.30 1.77 0.00	32.76 2.52 0.00	43.30 3.94 0.00	42.78 4.10 0.00	42.34 4.08 0.00	44.01 4.40 0.00	40.18 3.76 0.00	36.39 3.45 0.00	41.72 3.69 0.00	39.29 3.11 0.00
SOUTH_FORK_WT_PWR 323839	34.63 2.49 0.00	38.52 2.68 0.00	36.16 2.45 0.00	32.96 2.03 0.00	32.77 2.10 0.00	31.33 2.31 0.00	34.08 2.60 0.00	41.78 3.41 0.00	39.30 3.09 0.00	32.27 2.11 0.00	31.83 2.32 0.00	29.79 2.36 0.00	28.11 2.01 0.00	24.88 1.88 0.00	24.25 1.71 0.00	32.71 2.47 0.00	43.29 3.94 0.00	42.68 4.00 0.00	42.18 3.92 0.00	43.84 4.23 0.00	39.97 3.55 0.00	36.24 3.30 0.00	41.56 3.53 0.00	39.11 2.94 0.00
SPIERFLS_115KV_TB 1 80737	33.47 1.33 0.00	37.29 1.45 0.00	35.09 1.37 0.00	32.21 1.28 0.00	31.80 1.13 0.00	30.17 1.16 0.00	32.89 1.41 0.00	40.43 2.07 0.00	37.94 1.73 0.00	31.23 1.07 0.00	30.52 1.00 0.00	28.26 0.84 0.00	26.77 0.67 0.00	23.54 0.54 0.00	23.21 0.67 0.00	31.59 1.36 0.00	41.41 2.05 0.00	40.98 2.30 0.00	40.63 2.37 0.00	41.85 2.25 0.00	38.19 1.77 0.00	34.56 1.61 0.00	39.58 1.55 0.00	37.49 1.32 0.00
ST LAWRENCE____ 23600	32.40 0.26 0.00	36.17 0.33 0.00	34.04 0.33 0.00	31.22 0.28 0.00	30.91 0.24 0.00	29.16 0.15 0.00	31.57 0.08 0.00	38.53 0.16 0.00	36.53 0.32 0.00	30.47 0.31 0.00	29.80 0.28 0.00	27.66 0.23 0.00	26.40 0.31 0.00	23.35 0.35 0.00	22.92 0.39 0.00	30.69 0.46 0.00	39.83 0.47 0.00	38.63 -0.06 0.00	37.88 -0.39 0.00	39.49 -0.11 0.00	36.53 0.11 0.00	33.02 0.07 0.00	38.28 0.25 0.00	36.53 0.36 0.00
STATE_CA_115KV_115_LB 55624	32.59 0.45 0.00	36.39 0.55 0.00	34.23 0.51 0.00	31.39 0.46 0.00	31.14 0.47 0.00	29.48 0.47 0.00	31.98 0.49 0.00	39.06 0.69 0.00	36.74 0.53 0.00	30.50 0.34 0.00	29.88 0.37 0.00	27.81 0.38 0.00	26.42 0.32 0.00	23.26 0.26 0.00	22.81 0.27 0.00	30.66 0.43 0.00	40.04 0.69 0.00	39.65 0.97 0.00	39.33 1.07 0.00	40.45 0.85 0.00	37.06 0.64 0.00	33.53 0.59 0.00	38.53 0.51 0.00	36.55 0.38 0.00
STATE_ST_34_KV_LOAD 55959	31.94 -0.20 0.00	35.60 -0.24 0.00	33.49 -0.22 0.00	30.68 -0.25 0.00	30.36 -0.31 0.00	28.84 -0.17 0.00	31.36 -0.13 0.00	37.91 -0.45 0.00	35.76 -0.45 0.00	29.96 -0.19 0.00	29.28 -0.23 0.00	27.23 -0.19 0.00	25.85 -0.25 0.00	22.68 -0.32 0.00	22.26 -0.27 0.00	29.83 -0.41 0.00	38.80 -0.55 0.00	38.53 -0.15 0.00	38.22 -0.04 0.00	39.38 -0.22 0.00	36.14 -0.28 0.00	32.70 -0.24 0.00	37.79 -0.23 0.00	35.93 -0.25 0.00
STATION 5_MISC_HYD 23604	30.80 -1.34 0.00	34.37 -1.47 0.00	32.30 -1.41 0.00	29.59 -1.34 0.00	29.31 -1.36 0.00	27.80 -1.21 0.00	30.09 -1.39 0.00	36.15 -2.22 0.00	33.97 -2.24 0.00	28.57 -1.59 0.00	27.88 -1.63 0.00	25.91 -1.52 0.00	24.67 -1.43 0.00	21.75 -1.25 0.00	21.24 -1.29 0.00	28.34 -1.90 0.00	36.79 -2.57 0.00	36.57 -2.11 0.00	36.58 -1.68 0.00	37.37 -2.23 0.00	34.04 -2.39 0.00	30.78 -2.17 0.00	35.87 -2.16 0.00	34.28 -1.90 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.40 -0.74 0.00	34.98 -0.86 0.00	32.90 -0.81 0.00	30.18 -0.75 0.00	29.93 -0.74 0.00	28.38 -0.63 0.00	30.78 -0.71 0.00	37.12 -1.25 0.00	34.98 -1.23 0.00	29.39 -0.77 0.00	28.68 -0.84 0.00	26.61 -0.82 0.00	25.28 -0.82 0.00	22.25 -0.75 0.00	21.72 -0.81 0.00	29.04 -1.20 0.00	37.86 -1.49 0.00	37.63 -1.05 0.00	37.58 -0.69 0.00	38.53 -1.07 0.00	35.09 -1.33 0.00	31.77 -1.18 0.00	36.84 -1.18 0.00	35.16 -1.02 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.70 -1.44 0.00	34.26 -1.58 0.00	32.19 -1.52 0.00	29.49 -1.44 0.00	29.22 -1.45 0.00	27.71 -1.30 0.00	30.01 -1.48 0.00	36.08 -2.29 0.00	33.94 -2.27 0.00	28.53 -1.63 0.00	27.85 -1.67 0.00	25.88 -1.56 0.00	24.63 -1.47 0.00	21.71 -1.28 0.00	21.21 -1.33 0.00	28.30 -1.94 0.00	36.78 -2.58 0.00	36.54 -2.14 0.00	36.53 -1.73 0.00	37.34 -2.26 0.00	34.01 -2.41 0.00	30.76 -2.18 0.00	35.81 -2.21 0.00	34.20 -1.97 0.00

STA_56___34_KV_BUS2 355983	30.70 -1.44 0.00	34.26 -1.58 0.00	32.19 -1.52 0.00	29.49 -1.44 0.00	29.22 -1.45 0.00	27.71 -1.30 0.00	30.01 -1.48 0.00	36.08 -2.29 0.00	33.94 -2.27 0.00	28.53 -1.63 0.00	27.85 -1.67 0.00	25.88 -1.56 0.00	24.63 -1.47 0.00	21.71 -1.28 0.00	21.21 -1.33 0.00	28.30 -1.94 0.00	36.78 -2.58 0.00	36.54 -2.14 0.00	36.53 -1.73 0.00	37.34 -2.26 0.00	34.01 -2.41 0.00	30.76 -2.18 0.00	35.81 -2.21 0.00	34.20 -1.97 0.00
STA_67___115KV_BK2 355882	30.74 -1.40 0.00	34.31 -1.54 0.00	32.24 -1.47 0.00	29.53 -1.40 0.00	29.26 -1.41 0.00	27.74 -1.27 0.00	30.03 -1.46 0.00	36.06 -2.31 0.00	33.90 -2.31 0.00	28.50 -1.65 0.00	27.82 -1.70 0.00	25.84 -1.59 0.00	24.62 -1.48 0.00	21.71 -1.28 0.00	21.20 -1.33 0.00	28.28 -1.96 0.00	36.71 -2.65 0.00	36.49 -2.19 0.00	36.49 -1.77 0.00	37.28 -2.33 0.00	33.94 -2.48 0.00	30.70 -2.24 0.00	35.79 -2.23 0.00	34.20 -1.97 0.00
STA_7___115KV_9TRANS 80674	30.94 -1.20 0.00	34.53 -1.32 0.00	32.44 -1.27 0.00	29.72 -1.22 0.00	29.43 -1.24 0.00	27.91 -1.10 0.00	30.22 -1.26 0.00	36.31 -2.06 0.00	34.14 -2.07 0.00	28.72 -1.44 0.00	28.02 -1.50 0.00	26.03 -1.40 0.00	24.78 -1.32 0.00	21.85 -1.15 0.00	21.33 -1.20 0.00	28.46 -1.77 0.00	36.98 -2.37 0.00	36.78 -1.90 0.00	36.81 -1.46 0.00	37.59 -2.01 0.00	34.23 -2.19 0.00	30.95 -1.99 0.00	36.06 -1.97 0.00	34.44 -1.73 0.00
STA_82___115KV_TB1 80780	30.76 -1.38 0.00	34.33 -1.51 0.00	32.27 -1.44 0.00	29.55 -1.38 0.00	29.27 -1.40 0.00	27.77 -1.25 0.00	30.05 -1.44 0.00	36.08 -2.29 0.00	33.91 -2.30 0.00	28.53 -1.63 0.00	27.84 -1.68 0.00	25.86 -1.57 0.00	24.63 -1.47 0.00	21.72 -1.28 0.00	21.21 -1.33 0.00	28.29 -1.95 0.00	36.72 -2.64 0.00	36.51 -2.17 0.00	36.52 -1.74 0.00	37.29 -2.31 0.00	33.97 -2.45 0.00	30.72 -2.22 0.00	35.81 -2.22 0.00	34.21 -1.96 0.00
STEEL___WIND 323596	30.65 -1.49 0.00	34.21 -1.63 0.00	32.15 -1.56 0.00	29.42 -1.51 0.00	29.13 -1.54 0.00	27.62 -1.39 0.00	29.79 -1.70 0.00	35.41 -2.95 0.00	33.02 -3.19 0.00	27.91 -2.24 0.00	27.20 -2.32 0.00	25.31 -2.12 0.00	24.24 -1.85 0.00	21.40 -1.60 0.00	20.87 -1.67 0.00	27.78 -2.46 0.00	35.66 -3.70 0.00	35.42 -3.26 0.00	35.50 -2.77 0.00	36.03 -3.58 0.00	32.67 -3.75 0.00	29.59 -3.35 0.00	34.72 -3.30 0.00	33.30 -2.88 0.00
STEPHTWN_115KV_BK_2 55603	32.88 0.74 0.00	36.69 0.84 0.00	34.44 0.72 0.00	31.62 0.68 0.00	31.34 0.67 0.00	29.68 0.67 0.00	32.26 0.77 0.00	39.43 1.07 0.00	37.01 0.79 0.00	30.73 0.57 0.00	30.09 0.58 0.00	27.98 0.55 0.00	26.56 0.47 0.00	23.39 0.39 0.00	22.97 0.43 0.00	30.92 0.69 0.00	40.40 1.05 0.00	40.02 1.34 0.00	39.75 1.49 0.00	40.88 1.28 0.00	37.41 0.99 0.00	33.85 0.91 0.00	38.87 0.84 0.00	36.85 0.68 0.00
STEUBEN_REC_LFGE 323667	32.28 0.14 0.00	36.09 0.24 0.00	33.78 0.07 0.00	31.13 0.20 0.00	30.99 0.32 0.00	29.19 0.18 0.00	31.67 0.18 0.00	38.54 0.18 0.00	36.54 0.33 0.00	30.66 0.50 0.00	29.92 0.40 0.00	27.77 0.34 0.00	26.37 0.28 0.00	23.04 0.04 0.00	22.40 -0.13 0.00	30.11 -0.13 0.00	39.41 0.05 0.00	39.36 0.68 0.00	39.40 1.14 0.00	40.52 0.92 0.00	36.83 0.41 0.00	33.37 0.43 0.00	38.40 0.37 0.00	36.43 0.26 0.00
STILLWATER___SOLAR 323814	33.42 1.28 0.00	37.28 1.44 0.00	35.07 1.36 0.00	32.18 1.25 0.00	31.87 1.20 0.00	30.19 1.18 0.00	32.83 1.34 0.00	40.16 1.79 0.00	37.71 1.50 0.00	31.21 1.05 0.00	30.51 0.99 0.00	28.26 0.84 0.00	26.78 0.68 0.00	23.55 0.55 0.00	23.17 0.64 0.00	31.43 1.20 0.00	41.17 1.82 0.00	40.75 2.07 0.00	40.42 2.16 0.00	41.58 1.98 0.00	38.02 1.60 0.00	34.42 1.48 0.00	39.50 1.48 0.00	37.45 1.29 0.00
STONY___BROOK 24151	34.36 2.22 0.00	38.24 2.40 0.00	35.88 2.17 0.00	32.75 1.82 0.00	32.55 1.89 0.00	31.00 1.99 0.00	33.69 2.21 0.00	41.26 2.90 0.00	38.89 2.68 0.00	32.02 1.87 0.00	31.55 2.04 0.00	29.49 2.07 0.00	27.92 1.83 0.00	24.63 1.64 0.00	23.90 1.37 0.00	32.10 1.86 0.00	42.19 2.84 0.00	41.90 3.22 0.00	41.62 3.36 0.00	43.10 3.50 0.00	39.47 3.05 0.00	35.72 2.77 0.00	40.90 2.87 0.00	38.62 2.44 0.00
STURGEON_POOL_HYD 23609	33.33 1.19 0.00	37.10 1.26 0.00	34.83 1.12 0.00	31.93 1.00 0.00	31.73 1.06 0.00	30.10 1.08 0.00	32.81 1.33 0.00	40.04 1.67 0.00	37.80 1.59 0.00	31.38 1.23 0.00	30.79 1.27 0.00	28.73 1.30 0.00	27.27 1.17 0.00	23.97 0.97 0.00	23.40 0.87 0.00	31.43 1.19 0.00	40.90 1.54 0.00	40.61 1.93 0.00	40.42 2.15 0.00	41.66 2.05 0.00	38.18 1.75 0.00	34.56 1.61 0.00	39.65 1.63 0.00	37.46 1.29 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.19 1.05 0.00	36.97 1.13 0.00	34.73 1.02 0.00	31.82 0.89 0.00	31.59 0.92 0.00	29.96 0.95 0.00	32.64 1.15 0.00	39.83 1.46 0.00	37.58 1.37 0.00	31.20 1.04 0.00	30.56 1.05 0.00	28.51 1.09 0.00	27.07 0.98 0.00	23.82 0.82 0.00	23.27 0.74 0.00	31.24 1.01 0.00	40.66 1.31 0.00	40.39 1.71 0.00	40.19 1.93 0.00	41.40 1.80 0.00	37.96 1.53 0.00	34.34 1.40 0.00	39.43 1.40 0.00	37.29 1.12 0.00
SWANROAD_115KV_TB1 355699	29.45 -2.69 0.00	32.91 -2.93 0.00	30.92 -2.79 0.00	28.26 -2.68 0.00	27.97 -2.70 0.00	26.57 -2.44 0.00	28.59 -2.90 0.00	33.78 -4.58 0.00	31.57 -4.64 0.00	26.72 -3.43 0.00	26.02 -3.49 0.00	24.16 -3.27 0.00	23.18 -2.91 0.00	20.49 -2.51 0.00	19.97 -2.57 0.00	26.49 -3.74 0.00	34.03 -5.33 0.00	33.88 -4.80 0.00	34.02 -4.24 0.00	34.42 -5.18 0.00	31.20 -5.22 0.00	28.27 -4.68 0.00	33.32 -4.70 0.00	32.11 -4.06 0.00
SYNERGY___BIOGAS 323694	30.90 -1.24 0.00	34.49 -1.35 0.00	32.40 -1.31 0.00	29.63 -1.30 0.00	29.35 -1.31 0.00	27.88 -1.13 0.00	30.11 -1.37 0.00	35.86 -2.51 0.00	33.61 -2.60 0.00	28.38 -1.78 0.00	27.62 -1.90 0.00	25.59 -1.84 0.00	24.44 -1.66 0.00	21.48 -1.52 0.00	20.89 -1.64 0.00	27.86 -2.38 0.00	36.09 -3.26 0.00	36.11 -2.57 0.00	36.24 -2.02 0.00	36.80 -2.81 0.00	33.40 -3.02 0.00	30.22 -2.73 0.00	35.42 -2.61 0.00	33.93 -2.24 0.00
SYRACUSE___ENERGY_ST1 323597	31.60 -0.54 0.00	35.21 -0.63 0.00	33.11 -0.59 0.00	30.39 -0.54 0.00	30.13 -0.54 0.00	28.54 -0.47 0.00	30.99 -0.50 0.00	37.65 -0.72 0.00	35.50 -0.71 0.00	29.64 -0.52 0.00	28.98 -0.53 0.00	26.95 -0.48 0.00	25.61 -0.49 0.00	22.55 -0.45 0.00	22.09 -0.45 0.00	29.60 -0.63 0.00	38.59 -0.77 0.00	38.16 -0.52 0.00	37.89 -0.37 0.00	39.06 -0.54 0.00	35.79 -0.63 0.00	32.35 -0.59 0.00	37.39 -0.63 0.00	35.59 -0.58 0.00
SYRACUSE___ENERGY_ST2 323598	31.60 -0.54 0.00	35.21 -0.63 0.00	33.11 -0.59 0.00	30.39 -0.54 0.00	30.13 -0.54 0.00	28.54 -0.47 0.00	30.99 -0.50 0.00	37.65 -0.72 0.00	35.50 -0.71 0.00	29.64 -0.52 0.00	28.98 -0.53 0.00	26.95 -0.48 0.00	25.61 -0.49 0.00	22.55 -0.45 0.00	22.09 -0.45 0.00	29.60 -0.63 0.00	38.59 -0.77 0.00	38.16 -0.52 0.00	37.89 -0.37 0.00	39.06 -0.54 0.00	35.79 -0.63 0.00	32.35 -0.59 0.00	37.39 -0.63 0.00	35.59 -0.58 0.00

SYRACUSE___POWER 24017	31.60 -0.54 0.00	35.21 -0.63 0.00	33.10 -0.61 0.00	30.38 -0.55 0.00	30.14 -0.52 0.00	28.54 -0.48 0.00	30.97 -0.51 0.00	37.63 -0.73 0.00	35.50 -0.71 0.00	29.62 -0.54 0.00	28.96 -0.56 0.00	26.91 -0.52 0.00	25.59 -0.51 0.00	22.53 -0.47 0.00	22.06 -0.48 0.00	29.59 -0.65 0.00	38.55 -0.80 0.00	38.14 -0.54 0.00	37.91 -0.36 0.00	39.07 -0.53 0.00	35.78 -0.65 0.00	32.35 -0.60 0.00	37.36 -0.67 0.00	35.56 -0.61 0.00
TALLMAN___138KV_BK151 55660	33.30 1.16 0.00	37.10 1.26 0.00	34.84 1.13 0.00	31.91 0.98 0.00	31.67 1.00 0.00	30.06 1.05 0.00	32.77 1.28 0.00	39.98 1.62 0.00	37.74 1.53 0.00	31.35 1.19 0.00	30.71 1.20 0.00	28.68 1.26 0.00	27.24 1.15 0.00	23.96 0.96 0.00	23.40 0.86 0.00	31.38 1.15 0.00	40.79 1.43 0.00	40.54 1.86 0.00	40.37 2.11 0.00	41.58 1.98 0.00	38.13 1.71 0.00	34.50 1.56 0.00	39.59 1.57 0.00	37.42 1.24 0.00
TEALLAVE_115KV_TB7 355573	31.37 -0.77 0.00	34.96 -0.88 0.00	32.87 -0.84 0.00	30.17 -0.77 0.00	29.93 -0.74 0.00	28.33 -0.68 0.00	30.75 -0.74 0.00	37.33 -1.04 0.00	35.21 -1.01 0.00	29.37 -0.79 0.00	28.72 -0.79 0.00	26.69 -0.74 0.00	25.38 -0.71 0.00	22.36 -0.64 0.00	21.90 -0.64 0.00	29.34 -0.90 0.00	38.24 -1.12 0.00	37.82 -0.86 0.00	37.58 -0.69 0.00	38.73 -0.88 0.00	35.46 -0.96 0.00	32.06 -0.89 0.00	37.05 -0.97 0.00	35.29 -0.88 0.00
TELGRAPH_34_KV_EAST 80808	30.34 -1.80 0.00	33.88 -1.96 0.00	31.83 -1.89 0.00	29.10 -1.83 0.00	28.82 -1.85 0.00	27.37 -1.64 0.00	29.51 -1.98 0.00	35.03 -3.34 0.00	32.79 -3.42 0.00	27.73 -2.43 0.00	26.99 -2.53 0.00	25.05 -2.38 0.00	23.99 -2.11 0.00	21.12 -1.87 0.00	20.57 -1.96 0.00	27.37 -2.87 0.00	35.32 -4.04 0.00	35.22 -3.46 0.00	35.34 -2.92 0.00	35.83 -3.77 0.00	32.50 -3.92 0.00	29.42 -3.52 0.00	34.57 -3.46 0.00	33.19 -2.98 0.00
TEMPLE___115KV_TB 2 55572	31.38 -0.76 0.00	34.96 -0.88 0.00	32.89 -0.82 0.00	30.18 -0.75 0.00	29.94 -0.73 0.00	28.35 -0.66 0.00	30.76 -0.72 0.00	37.35 -1.02 0.00	35.22 -0.99 0.00	29.39 -0.77 0.00	28.74 -0.77 0.00	26.71 -0.71 0.00	25.40 -0.70 0.00	22.38 -0.62 0.00	21.92 -0.62 0.00	29.36 -0.88 0.00	38.27 -1.09 0.00	37.84 -0.84 0.00	37.61 -0.65 0.00	38.75 -0.86 0.00	35.49 -0.93 0.00	32.08 -0.86 0.00	37.08 -0.94 0.00	35.31 -0.87 0.00
TIANA___69_KV_BK 1 55817	34.61 2.47 0.00	38.57 2.73 0.00	36.21 2.49 0.00	33.02 2.09 0.00	32.80 2.13 0.00	31.32 2.30 0.00	34.04 2.56 0.00	41.69 3.33 0.00	39.24 3.03 0.00	32.23 2.07 0.00	31.75 2.24 0.00	29.67 2.24 0.00	28.05 1.96 0.00	24.79 1.79 0.00	24.06 1.53 0.00	32.36 2.12 0.00	42.62 3.27 0.00	42.18 3.50 0.00	41.83 3.57 0.00	43.52 3.92 0.00	39.83 3.41 0.00	36.03 3.09 0.00	41.30 3.28 0.00	38.95 2.78 0.00
TILDEN___115KV_TB1 80814	31.60 -0.54 0.00	35.21 -0.63 0.00	33.10 -0.61 0.00	30.38 -0.55 0.00	30.14 -0.52 0.00	28.54 -0.48 0.00	30.97 -0.51 0.00	37.63 -0.73 0.00	35.50 -0.71 0.00	29.62 -0.54 0.00	28.96 -0.56 0.00	26.91 -0.52 0.00	25.59 -0.51 0.00	22.53 -0.47 0.00	22.06 -0.48 0.00	29.59 -0.65 0.00	38.55 -0.80 0.00	38.14 -0.54 0.00	37.91 -0.36 0.00	39.07 -0.53 0.00	35.78 -0.65 0.00	32.35 -0.60 0.00	37.36 -0.67 0.00	35.56 -0.61 0.00
TRIGEN___CC 323695	33.88 1.74 0.00	37.71 1.87 0.00	35.39 1.68 0.00	32.38 1.45 0.00	32.16 1.49 0.00	30.56 1.55 0.00	33.26 1.78 0.00	40.64 2.27 0.00	38.33 2.12 0.00	31.73 1.57 0.00	31.23 1.72 0.00	29.22 1.79 0.00	27.71 1.62 0.00	24.39 1.39 0.00	23.71 1.18 0.00	31.81 1.57 0.00	41.57 2.21 0.00	41.26 2.58 0.00	41.05 2.79 0.00	42.37 2.76 0.00	38.85 2.43 0.00	35.17 2.23 0.00	40.31 2.28 0.00	38.08 1.91 0.00
TRINITY___115KV___ 4 BK 55933	32.49 0.36 0.00	36.27 0.43 0.00	34.13 0.42 0.00	31.30 0.37 0.00	31.05 0.38 0.00	29.40 0.38 0.00	31.88 0.39 0.00	38.92 0.55 0.00	36.61 0.40 0.00	30.40 0.24 0.00	29.79 0.28 0.00	27.71 0.28 0.00	26.33 0.23 0.00	23.18 0.18 0.00	22.72 0.19 0.00	30.56 0.33 0.00	39.89 0.53 0.00	39.50 0.82 0.00	39.19 0.93 0.00	40.30 0.69 0.00	36.92 0.50 0.00	33.41 0.47 0.00	38.39 0.36 0.00	36.43 0.26 0.00
UNION___PROCESSING_DRP 323587	30.77 -1.37 0.00	34.33 -1.51 0.00	32.27 -1.44 0.00	29.56 -1.37 0.00	29.28 -1.39 0.00	27.77 -1.24 0.00	30.06 -1.43 0.00	36.09 -2.27 0.00	33.94 -2.27 0.00	28.53 -1.62 0.00	27.85 -1.67 0.00	25.87 -1.56 0.00	24.64 -1.46 0.00	21.72 -1.27 0.00	21.21 -1.32 0.00	28.30 -1.94 0.00	36.73 -2.62 0.00	36.52 -2.15 0.00	36.53 -1.73 0.00	37.31 -2.29 0.00	33.98 -2.44 0.00	30.73 -2.21 0.00	35.83 -2.20 0.00	34.23 -1.94 0.00
UPPER HUDSON___HYD 24058	33.46 1.33 0.00	37.29 1.45 0.00	35.09 1.38 0.00	32.21 1.28 0.00	31.80 1.13 0.00	30.17 1.15 0.00	32.89 1.41 0.00	40.43 2.07 0.00	37.94 1.74 0.00	31.23 1.07 0.00	30.51 1.00 0.00	28.26 0.84 0.00	26.77 0.67 0.00	23.54 0.54 0.00	23.20 0.67 0.00	31.59 1.36 0.00	41.40 2.05 0.00	40.98 2.30 0.00	40.63 2.37 0.00	41.85 2.25 0.00	38.19 1.77 0.00	34.56 1.61 0.00	39.59 1.56 0.00	37.49 1.32 0.00
UPPER RAQUET___HYD 24056	32.45 0.30 0.00	36.33 0.49 0.00	34.21 0.50 0.00	31.37 0.44 0.00	31.04 0.37 0.00	29.05 0.04 0.00	31.29 -0.20 0.00	38.27 -0.09 0.00	36.33 0.12 0.00	30.25 0.10 0.00	29.53 0.02 0.00	27.34 -0.09 0.00	26.12 0.03 0.00	23.22 0.22 0.00	22.80 0.27 0.00	30.48 0.24 0.00	39.66 0.31 0.00	38.51 -0.17 0.00	37.71 -0.55 0.00	39.31 -0.30 0.00	36.35 -0.07 0.00	32.86 -0.08 0.00	38.25 0.22 0.00	36.65 0.48 0.00
VALLEY44_115KV_TB2 355964	31.55 -0.59 0.00	35.30 -0.54 0.00	33.18 -0.53 0.00	30.42 -0.51 0.00	30.12 -0.55 0.00	28.40 -0.61 0.00	30.59 -0.89 0.00	36.76 -1.61 0.00	34.32 -1.89 0.00	28.83 -1.33 0.00	28.09 -1.42 0.00	26.48 -0.95 0.00	25.39 -0.71 0.00	22.36 -0.64 0.00	21.80 -0.74 0.00	29.00 -1.24 0.00	37.27 -2.08 0.00	36.72 -1.96 0.00	36.59 -1.67 0.00	37.33 -2.27 0.00	33.92 -2.50 0.00	30.86 -2.09 0.00	36.08 -1.94 0.00	34.25 -1.92 0.00
VALLEY___115KV_TB 1-4 80826	32.14 0.00 0.00	35.88 0.05 0.00	33.74 0.02 0.00	30.99 0.05 0.00	30.74 0.07 0.00	29.13 0.11 0.00	31.63 0.14 0.00	38.68 0.31 0.00	36.35 0.14 0.00	30.17 0.02 0.00	29.49 -0.02 0.00	27.33 -0.10 0.00	25.90 -0.19 0.00	22.77 -0.23 0.00	22.31 -0.22 0.00	30.21 -0.03 0.00	39.52 0.16 0.00	39.26 0.58 0.00	39.03 0.76 0.00	40.19 0.58 0.00	36.76 0.34 0.00	33.28 0.33 0.00	38.22 0.19 0.00	36.18 0.01 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	33.35 1.21 0.00	37.13 1.29 0.00	34.91 1.20 0.00	32.05 1.11 0.00	31.81 1.14 0.00	30.11 1.10 0.00	32.77 1.28 0.00	39.98 1.62 0.00	37.81 1.60 0.00	31.50 1.34 0.00	30.81 1.29 0.00	28.61 1.18 0.00	27.17 1.07 0.00	23.89 0.89 0.00	23.37 0.83 0.00	31.43 1.19 0.00	40.97 1.62 0.00	40.54 1.86 0.00	40.28 2.02 0.00	41.56 1.96 0.00	38.08 1.65 0.00	34.42 1.48 0.00	39.64 1.61 0.00	37.56 1.39 0.00

VISCHER___FERRY HYD 24020	33.07 0.92 0.00	36.94 1.10 0.00	34.76 1.05 0.00	31.89 0.95 0.00	31.60 0.94 0.00	29.93 0.92 0.00	32.45 0.97 0.00	39.67 1.30 0.00	37.27 1.06 0.00	30.90 0.75 0.00	30.28 0.76 0.00	28.11 0.67 0.00	26.65 0.55 0.00	23.42 0.42 0.00	23.00 0.46 0.00	31.06 0.83 0.00	40.62 1.26 0.00	40.22 1.55 0.00	39.91 1.65 0.00	41.01 1.40 0.00	37.54 1.12 0.00	33.99 1.04 0.00	39.04 1.01 0.00	37.03 0.87 0.00
V_A_10_SYNC_DSASP 323832	29.94 -2.20 0.00	33.46 -2.39 0.00	31.45 -2.26 0.00	28.78 -2.15 0.00	28.50 -2.17 0.00	27.02 -1.99 0.00	29.15 -2.33 0.00	34.75 -3.62 0.00	32.56 -3.65 0.00	27.48 -2.68 0.00	26.80 -2.71 0.00	24.96 -2.47 0.00	23.88 -2.22 0.00	21.09 -1.91 0.00	20.57 -1.96 0.00	27.36 -2.88 0.00	35.24 -4.12 0.00	35.03 -3.66 0.00	35.13 -3.13 0.00	35.71 -3.89 0.00	32.45 -3.97 0.00	29.38 -3.56 0.00	34.43 -3.59 0.00	33.01 -3.16 0.00
V_CMM_10_SYNC_DSASP 323787	32.54 0.40 0.00	36.33 0.49 0.00	34.18 0.47 0.00	31.35 0.42 0.00	31.04 0.37 0.00	29.28 0.27 0.00	31.71 0.22 0.00	38.70 0.33 0.00	36.69 0.48 0.00	30.60 0.45 0.00	29.94 0.43 0.00	27.78 0.35 0.00	26.53 0.44 0.00	23.46 0.46 0.00	23.03 0.49 0.00	30.84 0.60 0.00	40.01 0.65 0.00	38.80 0.13 0.00	38.04 -0.22 0.00	39.67 0.06 0.00	36.69 0.27 0.00	33.16 0.22 0.00	38.44 0.42 0.00	36.70 0.53 0.00
V_CMP_10_SYNC_DSASP 323788	34.22 2.08 0.00	37.92 2.08 0.00	35.76 2.04 0.00	32.75 1.81 0.00	32.31 1.64 0.00	30.39 1.38 0.00	32.74 1.25 0.00	40.03 1.67 0.00	37.79 1.58 0.00	31.61 1.46 0.00	30.95 1.44 0.00	28.69 1.26 0.00	27.34 1.24 0.00	24.18 1.18 0.00	23.85 1.32 0.00	32.12 1.89 0.00	41.44 2.08 0.00	40.48 1.80 0.00	39.76 1.50 0.00	41.15 1.54 0.00	37.93 1.51 0.00	34.36 1.42 0.00	39.72 1.69 0.00	38.34 2.17 0.00
V_D_10_SYNC_DSASP 323841	32.73 0.60 0.00	36.64 0.80 0.00	34.48 0.77 0.00	31.62 0.69 0.00	31.30 0.64 0.00	29.43 0.42 0.00	31.84 0.35 0.00	38.87 0.50 0.00	36.85 0.64 0.00	30.73 0.57 0.00	30.04 0.53 0.00	27.88 0.45 0.00	26.63 0.54 0.00	23.62 0.62 0.00	23.18 0.65 0.00	30.98 0.74 0.00	40.21 0.85 0.00	39.00 0.32 0.00	38.22 -0.04 0.00	39.83 0.23 0.00	36.85 0.43 0.00	33.31 0.37 0.00	38.64 0.61 0.00	36.91 0.74 0.00
V_E_10_SYNC_DSASP 323830	34.24 2.11 0.00	38.13 2.29 0.00	35.99 2.28 0.00	32.91 1.98 0.00	32.69 2.02 0.00	31.03 2.02 0.00	33.86 2.38 0.00	41.33 2.96 0.00	39.18 2.97 0.00	32.69 2.53 0.00	31.86 2.35 0.00	29.49 2.07 0.00	27.85 1.75 0.00	24.40 1.40 0.00	23.87 1.34 0.00	32.44 2.20 0.00	42.49 3.13 0.00	42.25 3.57 0.00	41.85 3.58 0.00	43.17 3.56 0.00	39.49 3.07 0.00	35.68 2.74 0.00	41.10 3.08 0.00	38.87 2.70 0.00
V_F_30_NSYNC___DSASP 323816	33.46 1.32 0.00	37.31 1.47 0.00	35.11 1.40 0.00	32.21 1.28 0.00	31.90 1.23 0.00	30.22 1.21 0.00	32.86 1.38 0.00	40.20 1.83 0.00	37.76 1.55 0.00	31.25 1.09 0.00	30.55 1.04 0.00	28.32 0.90 0.00	26.84 0.75 0.00	23.61 0.62 0.00	23.23 0.69 0.00	31.48 1.24 0.00	41.22 1.86 0.00	40.80 2.12 0.00	40.46 2.20 0.00	41.63 2.02 0.00	38.07 1.65 0.00	34.45 1.51 0.00	39.56 1.53 0.00	37.49 1.32 0.00
V_F_30_SYNC_DSASP 323786	32.59 0.45 0.00	36.38 0.54 0.00	34.22 0.51 0.00	31.39 0.46 0.00	31.14 0.47 0.00	29.48 0.47 0.00	31.98 0.49 0.00	39.06 0.69 0.00	36.74 0.53 0.00	30.50 0.34 0.00	29.88 0.37 0.00	27.80 0.37 0.00	26.41 0.32 0.00	23.26 0.26 0.00	22.80 0.27 0.00	30.66 0.43 0.00	40.04 0.69 0.00	39.65 0.97 0.00	39.33 1.07 0.00	40.45 0.85 0.00	37.06 0.64 0.00	33.53 0.59 0.00	38.53 0.51 0.00	36.55 0.38 0.00
V_XM_10_SYNC_DSASP 323789	34.22 2.08 0.00	37.92 2.08 0.00	35.76 2.04 0.00	32.75 1.81 0.00	32.31 1.64 0.00	30.39 1.38 0.00	32.74 1.25 0.00	40.03 1.67 0.00	37.79 1.58 0.00	31.61 1.46 0.00	30.95 1.44 0.00	28.69 1.26 0.00	27.34 1.24 0.00	24.18 1.18 0.00	23.85 1.32 0.00	32.12 1.89 0.00	41.44 2.08 0.00	40.48 1.80 0.00	39.76 1.50 0.00	41.15 1.54 0.00	37.93 1.51 0.00	34.36 1.42 0.00	39.72 1.69 0.00	38.34 2.17 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.41 1.27 0.00	37.22 1.38 0.00	34.95 1.24 0.00	32.01 1.08 0.00	31.77 1.10 0.00	30.16 1.14 0.00	32.88 1.39 0.00	40.11 1.75 0.00	37.85 1.64 0.00	31.44 1.29 0.00	30.81 1.30 0.00	28.77 1.34 0.00	27.32 1.23 0.00	24.03 1.03 0.00	23.46 0.93 0.00	31.49 1.25 0.00	40.94 1.59 0.00	40.69 2.01 0.00	40.52 2.26 0.00	41.74 2.13 0.00	38.25 1.83 0.00	34.63 1.68 0.00	39.73 1.70 0.00	37.54 1.37 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.42 1.29 0.00	37.19 1.35 0.00	34.99 1.27 0.00	32.05 1.12 0.00	31.82 1.15 0.00	30.22 1.21 0.00	32.97 1.49 0.00	40.17 1.80 0.00	37.93 1.72 0.00	31.57 1.41 0.00	30.97 1.45 0.00	28.93 1.50 0.00	27.49 1.39 0.00	24.18 1.18 0.00	23.60 1.06 0.00	31.63 1.40 0.00	41.06 1.71 0.00	40.81 2.13 0.00	40.64 2.38 0.00	41.86 2.26 0.00	38.40 1.98 0.00	34.76 1.82 0.00	39.83 1.81 0.00	37.63 1.46 0.00
W50THST__13_KV_LOAD 356117	33.55 1.41 0.00	37.34 1.50 0.00	35.15 1.44 0.00	32.20 1.27 0.00	31.97 1.30 0.00	30.37 1.36 0.00	33.13 1.65 0.00	40.36 1.99 0.00	38.12 1.91 0.00	31.74 1.58 0.00	31.14 1.62 0.00	29.10 1.67 0.00	27.65 1.55 0.00	24.32 1.32 0.00	23.73 1.20 0.00	31.81 1.58 0.00	41.29 1.93 0.00	41.03 2.35 0.00	40.88 2.62 0.00	42.09 2.49 0.00	38.62 2.20 0.00	34.95 2.00 0.00	40.03 2.01 0.00	37.80 1.63 0.00
WADING RIVER_IC_1 23522	34.41 2.27 0.00	38.41 2.57 0.00	36.04 2.33 0.00	32.84 1.91 0.00	32.61 1.94 0.00	31.16 2.15 0.00	33.85 2.36 0.00	41.45 3.09 0.00	39.04 2.83 0.00	32.08 1.92 0.00	31.60 2.08 0.00	29.53 2.10 0.00	27.94 1.84 0.00	24.67 1.68 0.00	23.94 1.41 0.00	32.19 1.96 0.00	42.30 2.95 0.00	41.81 3.13 0.00	41.45 3.19 0.00	43.24 3.63 0.00	39.58 3.16 0.00	35.81 2.86 0.00	41.05 3.02 0.00	38.71 2.54 0.00
WADING RIVER_IC_2 23547	34.41 2.27 0.00	38.41 2.57 0.00	36.04 2.33 0.00	32.84 1.91 0.00	32.61 1.94 0.00	31.16 2.15 0.00	33.85 2.36 0.00	41.45 3.09 0.00	39.04 2.83 0.00	32.08 1.92 0.00	31.60 2.08 0.00	29.53 2.10 0.00	27.94 1.84 0.00	24.67 1.68 0.00	23.94 1.41 0.00	32.19 1.96 0.00	42.30 2.95 0.00	41.81 3.13 0.00	41.45 3.19 0.00	43.24 3.63 0.00	39.58 3.16 0.00	35.81 2.86 0.00	41.05 3.02 0.00	38.71 2.54 0.00
WADING RIVER_IC_3 23601	34.41 2.27 0.00	38.41 2.57 0.00	36.04 2.33 0.00	32.84 1.91 0.00	32.61 1.94 0.00	31.16 2.15 0.00	33.85 2.36 0.00	41.45 3.09 0.00	39.04 2.83 0.00	32.08 1.92 0.00	31.60 2.08 0.00	29.53 2.10 0.00	27.94 1.84 0.00	24.67 1.68 0.00	23.94 1.41 0.00	32.19 1.96 0.00	42.30 2.95 0.00	41.81 3.13 0.00	41.45 3.19 0.00	43.24 3.63 0.00	39.58 3.16 0.00	35.81 2.86 0.00	41.05 3.02 0.00	38.71 2.54 0.00

WALDENNY_12_KV_BK2 80841	30.63 -1.51 0.00	34.18 -1.66 0.00	32.11 -1.60 0.00	29.37 -1.56 0.00	29.08 -1.58 0.00	27.60 -1.41 0.00	29.75 -1.74 0.00	35.34 -3.02 0.00	33.00 -3.21 0.00	27.90 -2.26 0.00	27.17 -2.34 0.00	25.28 -2.15 0.00	24.22 -1.87 0.00	21.39 -1.61 0.00	20.85 -1.69 0.00	27.72 -2.52 0.00	35.64 -3.71 0.00	35.41 -3.27 0.00	35.49 -2.77 0.00	36.00 -3.61 0.00	32.64 -3.79 0.00	29.55 -3.39 0.00	34.69 -3.33 0.00	33.28 -2.89 0.00
WALDEN___HYDRO 24148	33.52 1.38 0.00	37.30 1.46 0.00	35.03 1.32 0.00	32.10 1.17 0.00	31.88 1.21 0.00	30.28 1.27 0.00	33.00 1.52 0.00	40.28 1.92 0.00	37.97 1.75 0.00	31.45 1.29 0.00	30.75 1.23 0.00	28.65 1.22 0.00	27.19 1.09 0.00	23.92 0.91 0.00	23.36 0.83 0.00	31.44 1.20 0.00	41.12 1.77 0.00	40.93 2.25 0.00	40.74 2.48 0.00	41.96 2.35 0.00	38.44 2.02 0.00	34.79 1.84 0.00	39.91 1.89 0.00	37.67 1.50 0.00
WARRENSBURG___ 23737	33.46 1.33 0.00	37.29 1.45 0.00	35.09 1.38 0.00	32.21 1.28 0.00	31.80 1.13 0.00	30.17 1.15 0.00	32.89 1.41 0.00	40.43 2.07 0.00	37.94 1.74 0.00	31.23 1.07 0.00	30.51 1.00 0.00	28.26 0.84 0.00	26.77 0.67 0.00	23.54 0.54 0.00	23.20 0.67 0.00	31.59 1.36 0.00	41.40 2.05 0.00	40.98 2.30 0.00	40.63 2.37 0.00	41.85 2.25 0.00	38.19 1.77 0.00	34.56 1.61 0.00	39.59 1.56 0.00	37.49 1.32 0.00
WATERSIDE___6 8 9 23538	33.46 1.33 0.00	37.25 1.41 0.00	35.08 1.37 0.00	32.15 1.22 0.00	31.91 1.25 0.00	30.31 1.30 0.00	33.05 1.56 0.00	40.25 1.89 0.00	38.02 1.81 0.00	31.64 1.48 0.00	31.04 1.52 0.00	29.00 1.58 0.00	27.55 1.46 0.00	24.24 1.24 0.00	23.65 1.12 0.00	31.69 1.46 0.00	41.13 1.78 0.00	40.88 2.20 0.00	40.72 2.45 0.00	41.93 2.32 0.00	38.48 2.06 0.00	34.83 1.88 0.00	30.83 1.88 9.07	37.70 1.53 0.00
WATKINRD_115KV_LN8_ILLION 55919	32.17 0.03 0.00	35.91 0.07 0.00	33.77 0.06 0.00	31.00 0.06 0.00	30.75 0.08 0.00	29.12 0.11 0.00	31.64 0.15 0.00	38.65 0.29 0.00	36.36 0.15 0.00	30.17 0.01 0.00	29.50 -0.02 0.00	27.37 -0.06 0.00	25.97 -0.13 0.00	22.85 -0.15 0.00	22.39 -0.14 0.00	30.25 0.01 0.00	39.53 0.18 0.00	39.18 0.50 0.00	38.90 0.64 0.00	40.10 0.50 0.00	36.73 0.31 0.00	33.23 0.29 0.00	38.21 0.18 0.00	36.21 0.03 0.00
WATSON___69_KV_BK 1 55734	34.66 2.53 0.00	38.56 2.72 0.00	36.19 2.48 0.00	33.04 2.10 0.00	32.84 2.17 0.00	31.27 2.26 0.00	34.00 2.52 0.00	41.61 3.25 0.00	39.21 3.00 0.00	32.30 2.14 0.00	31.80 2.29 0.00	29.73 2.30 0.00	28.14 2.04 0.00	24.82 1.82 0.00	24.10 1.56 0.00	32.35 2.12 0.00	42.53 3.18 0.00	42.25 3.57 0.00	41.97 3.70 0.00	43.44 3.84 0.00	39.84 3.42 0.00	36.04 3.10 0.00	41.26 3.23 0.00	38.95 2.78 0.00
WDELAWARE___HYD 323627	32.98 0.84 0.00	36.65 0.81 0.00	34.40 0.69 0.00	31.54 0.61 0.00	31.33 0.67 0.00	29.73 0.72 0.00	32.43 0.94 0.00	39.60 1.23 0.00	37.35 1.14 0.00	30.91 0.75 0.00	30.19 0.67 0.00	28.08 0.65 0.00	26.64 0.55 0.00	23.43 0.43 0.00	22.90 0.37 0.00	30.84 0.60 0.00	40.35 1.00 0.00	40.21 1.54 0.00	40.03 1.77 0.00	41.26 1.65 0.00	37.80 1.38 0.00	34.18 1.24 0.00	39.22 1.19 0.00	37.07 0.90 0.00
WEST BABYLON___IC 23714	34.51 2.37 0.00	38.39 2.54 0.00	36.03 2.31 0.00	32.90 1.97 0.00	32.70 2.03 0.00	31.11 2.10 0.00	33.85 2.36 0.00	41.41 3.05 0.00	39.04 2.83 0.00	32.20 2.04 0.00	31.69 2.17 0.00	29.63 2.20 0.00	28.05 1.96 0.00	24.73 1.73 0.00	24.02 1.48 0.00	32.24 2.01 0.00	42.34 2.99 0.00	42.10 3.42 0.00	41.85 3.58 0.00	43.26 3.66 0.00	39.66 3.24 0.00	35.88 2.94 0.00	41.08 3.05 0.00	38.79 2.61 0.00
WEST CANADA___HYD 24049	32.11 -0.03 0.00	35.81 -0.04 0.00	33.68 -0.03 0.00	30.90 -0.03 0.00	30.66 -0.01 0.00	29.01 0.00 0.00	31.51 0.02 0.00	38.41 0.04 0.00	36.21 0.01 0.00	30.13 -0.02 0.00	29.49 -0.03 0.00	27.41 -0.02 0.00	26.06 -0.04 0.00	22.95 -0.05 0.00	22.47 -0.06 0.00	30.21 -0.03 0.00	39.36 0.00 0.00	38.80 0.12 0.00	38.45 0.19 0.00	39.73 0.13 0.00	36.46 0.04 0.00	32.99 0.05 0.00	38.03 0.01 0.00	36.14 -0.03 0.00
WESTERN_NY_WIND 24143	30.86 -1.28 0.00	34.44 -1.40 0.00	32.35 -1.36 0.00	29.59 -1.34 0.00	29.30 -1.37 0.00	27.84 -1.18 0.00	30.06 -1.43 0.00	35.78 -2.59 0.00	33.53 -2.68 0.00	28.33 -1.83 0.00	27.55 -1.96 0.00	25.52 -1.90 0.00	24.40 -1.69 0.00	21.43 -1.57 0.00	20.85 -1.68 0.00	27.79 -2.44 0.00	36.02 -3.33 0.00	36.02 -2.67 0.00	36.15 -2.11 0.00	36.70 -2.90 0.00	33.30 -3.12 0.00	30.13 -2.81 0.00	35.33 -2.69 0.00	33.86 -2.31 0.00
WESTOVER___LESR 323668	32.00 -0.14 0.00	35.62 -0.22 0.00	33.52 -0.19 0.00	30.78 -0.15 0.00	30.56 -0.11 0.00	28.88 -0.13 0.00	31.34 -0.14 0.00	38.16 -0.21 0.00	35.98 -0.23 0.00	30.05 -0.11 0.00	29.36 -0.15 0.00	27.32 -0.11 0.00	26.04 -0.06 0.00	22.88 -0.12 0.00	22.34 -0.19 0.00	30.02 -0.22 0.00	39.07 -0.28 0.00	38.66 -0.03 0.00	38.49 0.22 0.00	39.69 0.09 0.00	36.29 -0.13 0.00	32.81 -0.13 0.00	37.81 -0.22 0.00	35.89 -0.28 0.00
WETHRSFD_WT_PWR 323626	30.33 -1.81 0.00	33.87 -1.97 0.00	31.83 -1.89 0.00	29.11 -1.82 0.00	28.83 -1.84 0.00	27.35 -1.67 0.00	29.47 -2.01 0.00	35.02 -3.35 0.00	32.67 -3.54 0.00	27.62 -2.54 0.00	26.92 -2.59 0.00	25.05 -2.38 0.00	24.00 -2.10 0.00	21.19 -1.81 0.00	20.66 -1.87 0.00	27.49 -2.75 0.00	35.31 -4.04 0.00	35.07 -3.61 0.00	35.17 -3.10 0.00	35.67 -3.93 0.00	32.35 -4.08 0.00	29.29 -3.65 0.00	34.40 -3.62 0.00	33.01 -3.16 0.00
WHAVSTOR_138KV_BK127 55557	33.28 1.14 0.00	37.08 1.24 0.00	34.82 1.11 0.00	31.89 0.96 0.00	31.66 0.99 0.00	30.04 1.03 0.00	32.75 1.26 0.00	39.96 1.59 0.00	37.71 1.50 0.00	31.33 1.17 0.00	30.70 1.19 0.00	28.67 1.24 0.00	27.22 1.13 0.00	23.94 0.95 0.00	23.38 0.84 0.00	31.37 1.13 0.00	40.77 1.41 0.00	40.52 1.84 0.00	40.34 2.08 0.00	41.55 1.95 0.00	38.10 1.67 0.00	34.48 1.54 0.00	39.56 1.54 0.00	37.40 1.23 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.28 1.14 0.00	37.08 1.24 0.00	34.82 1.11 0.00	31.89 0.96 0.00	31.66 0.99 0.00	30.04 1.03 0.00	32.75 1.26 0.00	39.96 1.59 0.00	37.71 1.50 0.00	31.33 1.17 0.00	30.70 1.19 0.00	28.67 1.24 0.00	27.22 1.13 0.00	23.94 0.95 0.00	23.38 0.84 0.00	31.37 1.13 0.00	40.77 1.41 0.00	40.52 1.84 0.00	40.34 2.08 0.00	41.55 1.95 0.00	38.10 1.67 0.00	34.48 1.54 0.00	39.56 1.54 0.00	37.40 1.23 0.00
WHITEHAL_115KV_TB1 80871	33.99 1.85 0.00	37.73 1.89 0.00	35.60 1.89 0.00	32.59 1.66 0.00	32.19 1.53 0.00	30.61 1.60 0.00	33.44 1.96 0.00	41.21 2.84 0.00	38.52 2.31 0.00	31.63 1.47 0.00	31.02 1.51 0.00	28.66 1.23 0.00	27.03 0.94 0.00	23.77 0.77 0.00	23.63 1.10 0.00	32.64 2.40 0.00	42.72 3.36 0.00	42.14 3.46 0.00	41.79 3.53 0.00	43.17 3.57 0.00	39.16 2.74 0.00	35.55 2.61 0.00	40.44 2.42 0.00	38.25 2.08 0.00

WHITEPLN_13_KV_LOAD 356215	33.72 1.58 0.00	37.54 1.70 0.00	35.23 1.52 0.00	32.27 1.34 0.00	32.03 1.37 0.00	30.41 1.40 0.00	33.15 1.66 0.00	40.46 2.10 0.00	38.21 2.00 0.00	31.74 1.59 0.00	31.14 1.63 0.00	29.07 1.64 0.00	27.59 1.50 0.00	24.27 1.27 0.00	23.70 1.16 0.00	31.81 1.57 0.00	41.38 2.03 0.00	41.13 2.45 0.00	40.95 2.69 0.00	42.18 2.57 0.00	38.66 2.23 0.00	34.98 2.03 0.00	40.11 2.08 0.00	37.90 1.73 0.00
WM_FLOYD_69_KV_BK2 356380	34.49 2.35 0.00	38.42 2.58 0.00	36.06 2.35 0.00	32.90 1.96 0.00	32.67 2.00 0.00	31.17 2.16 0.00	33.87 2.38 0.00	41.46 3.09 0.00	39.04 2.83 0.00	32.08 1.92 0.00	31.58 2.07 0.00	29.50 2.08 0.00	27.92 1.82 0.00	24.66 1.66 0.00	23.92 1.39 0.00	32.16 1.93 0.00	42.33 2.98 0.00	41.97 3.29 0.00	41.65 3.39 0.00	43.27 3.67 0.00	39.62 3.20 0.00	35.85 2.91 0.00	41.09 3.07 0.00	38.77 2.60 0.00
WOODARD__115KV_TB2 355635	31.32 -0.82 0.00	34.89 -0.95 0.00	32.82 -0.90 0.00	30.12 -0.81 0.00	29.87 -0.80 0.00	28.29 -0.72 0.00	30.70 -0.79 0.00	37.29 -1.07 0.00	35.17 -1.04 0.00	29.35 -0.81 0.00	28.70 -0.82 0.00	26.67 -0.76 0.00	25.36 -0.74 0.00	22.34 -0.66 0.00	21.88 -0.65 0.00	29.31 -0.93 0.00	38.21 -1.14 0.00	37.77 -0.91 0.00	37.53 -0.74 0.00	38.68 -0.93 0.00	35.43 -0.99 0.00	32.04 -0.90 0.00	37.04 -0.99 0.00	35.26 -0.90 0.00
YORK___WARBASSE 23770	33.63 1.49 0.00	37.45 1.61 0.00	35.33 1.61 -0.01	32.40 1.46 -0.01	32.14 1.47 0.00	30.55 1.53 -0.01	33.24 1.75 0.00	40.45 2.09 0.00	38.21 2.00 0.00	31.81 1.65 0.00	31.19 1.68 0.00	29.16 1.74 0.00	27.71 1.61 0.00	24.38 1.38 0.00	23.78 1.25 0.00	31.86 1.63 0.00	41.33 1.97 0.00	41.06 2.38 0.00	40.91 2.64 0.00	42.13 2.53 0.00	38.69 2.26 0.00	35.03 2.07 -0.01	84.66 2.07 -44.56	37.91 1.73 0.00