

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/01/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	34.47	35.31	31.41	36.09	32.09	31.32	35.87	36.35	35.98	34.41	43.80	42.00	43.98	46.20	44.88	44.54	43.50	49.58	52.66	60.38	47.53	43.06	51.90	54.04
24138	1.71	1.76	1.54	1.70	1.51	1.45	1.71	1.79	1.78	1.64	2.20	2.26	2.43	2.49	2.53	2.40	1.90	2.21	2.58	2.65	2.04	1.76	1.89	1.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	34.58	35.43	31.51	36.22	32.19	31.43	35.99	36.48	36.09	34.50	43.84	41.95	43.93	46.18	44.87	44.56	43.69	49.83	52.91	60.68	47.77	43.28	52.12	54.29
24260	1.82	1.88	1.64	1.82	1.61	1.55	1.84	1.92	1.90	1.73	2.25	2.21	2.39	2.47	2.52	2.43	2.09	2.45	2.83	2.95	2.28	1.97	2.11	2.02
	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
74TH STREET_GT_2	34.58	35.43	31.51	36.22	32.19	31.43	35.99	36.48	36.09	34.50	43.84	41.95	43.93	46.18	44.87	44.56	43.69	49.83	52.91	60.68	47.77	43.28	52.12	54.29
24261	1.82	1.88	1.64	1.82	1.61	1.55	1.84	1.92	1.90	1.73	2.25	2.21	2.39	2.47	2.52	2.43	2.09	2.45	2.83	2.95	2.28	1.97	2.11	2.02
	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
ADK HUDSON___FALLS	35.40	36.46	32.46	37.33	33.17	32.45	37.29	37.86	37.45	35.72	45.50	43.71	45.86	48.15	46.48	46.17	45.71	52.35	55.49	63.84	50.19	45.58	55.27	57.65
24011	2.65	2.91	2.59	2.94	2.60	2.57	3.14	3.29	3.26	2.95	3.91	3.97	4.32	4.44	4.13	4.04	4.11	4.98	5.41	6.11	4.70	4.27	5.27	5.38
	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
ADK RESOURCE___RCVRY	35.61	36.70	32.67	37.57	33.35	32.64	37.53	38.18	37.83	36.07	45.90	44.11	46.30	48.62	46.84	46.52	46.12	52.78	55.99	64.46	50.67	46.03	55.89	58.28
23798	2.86	3.15	2.80	3.17	2.78	2.77	3.38	3.62	3.63	3.29	4.31	4.37	4.76	4.91	4.49	4.39	4.52	5.40	5.92	6.73	5.19	4.71	5.88	6.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	35.40	36.46	32.46	37.33	33.17	32.45	37.29	37.86	37.45	35.72	45.50	43.71	45.86	48.15	46.48	46.17	45.71	52.35	55.49	63.84	50.19	45.58	55.27	57.65
24028	2.65	2.91	2.59	2.94	2.60	2.57	3.14	3.29	3.26	2.95	3.91	3.97	4.32	4.44	4.13	4.04	4.11	4.98	5.41	6.11	4.70	4.27	5.27	5.38
	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
ADK_NYS___DAM	34.36	35.37	31.50	36.24	32.19	31.46	36.14	36.51	36.13	34.49	44.04	42.13	44.16	46.38	44.93	44.65	44.02	50.12	52.95	60.88	47.84	43.44	52.77	55.02
23527	1.61	1.82	1.63	1.85	1.62	1.59	1.98	1.94	1.93	1.72	2.45	2.39	2.62	2.67	2.58	2.52	2.42	2.74	2.87	3.15	2.36	2.13	2.76	2.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.26	34.17	30.44	35.01	31.12	30.38	34.83	35.24	34.80	33.27	42.67	40.82	42.78	44.98	43.64	43.40	42.76	48.70	51.51	59.23	46.75	42.36	51.30	53.52
24190	0.50	0.61	0.57	0.62	0.55	0.50	0.67	0.67	0.61	0.50	1.08	1.08	1.23	1.28	1.29	1.27	1.15	1.32	1.43	1.50	1.26	1.05	1.29	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.39	34.10	30.32	34.98	31.12	30.43	34.81	35.24	34.79	33.33	42.18	40.27	41.98	44.27	42.90	42.65	42.10	47.81	50.20	57.87	45.73	41.71	50.82	53.20
355683	0.63	0.55	0.45	0.59	0.55	0.55	0.65	0.67	0.59	0.56	0.59	0.53	0.43	0.56	0.54	0.52	0.50	0.43	0.12	0.14	0.24	0.40	0.81	0.92
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.80	34.73	30.94	35.60	31.64	30.89	35.40	35.78	35.18	33.46	42.78	41.18	43.15	45.44	44.13	43.89	43.21	49.42	52.30	60.13	47.39	42.97	51.99	54.27
323833	1.04	1.18	1.07	1.20	1.07	1.02	1.25	1.22	0.99	0.69	1.19	1.44	1.61	1.73	1.78	1.76	1.62	2.04	2.22	2.40	1.90	1.66	1.99	2.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.80	34.72	30.93	35.59	31.64	30.89	35.39	35.78	35.17	33.45	42.78	41.17	43.15	45.43	44.11	43.88	43.20	49.41	52.29	60.10	47.38	42.96	51.98	54.25
323834	1.04	1.17	1.06	1.20	1.06	1.01	1.24	1.21	0.98	0.68	1.18	1.43	1.60	1.73	1.76	1.75	1.60	2.03	2.21	2.38	1.90	1.65	1.98	1.98
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.26	34.17	30.44	35.01	31.12	30.38	34.83	35.24	34.80	33.27	42.67	40.82	42.78	44.98	43.64	43.40	42.76	48.70	51.51	59.23	46.75	42.36	51.30	53.52
23571	0.50	0.61	0.57	0.62	0.55	0.50	0.67	0.67	0.61	0.50	1.08	1.08	1.23	1.28	1.29	1.27	1.15	1.32	1.43	1.50	1.26	1.05	1.29	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	33.26 0.50 0.00	34.17 0.61 0.00	30.44 0.57 0.00	35.01 0.62 0.00	31.12 0.55 0.00	30.38 0.50 0.00	34.83 0.67 0.00	35.24 0.67 0.00	34.80 0.61 0.00	33.27 0.50 0.00	42.67 1.08 0.00	40.82 1.08 0.00	42.78 1.23 0.00	44.98 1.28 0.00	43.64 1.29 0.00	43.40 1.27 0.00	42.76 1.15 0.00	48.70 1.32 0.00	51.51 1.43 0.00	59.23 1.50 0.00	46.75 1.26 0.00	42.36 1.05 0.00	51.30 1.29 0.00	53.52 1.24 0.00
ALBANY___3 23573	33.26 0.50 0.00	34.17 0.61 0.00	30.44 0.57 0.00	35.01 0.62 0.00	31.12 0.55 0.00	30.38 0.50 0.00	34.83 0.67 0.00	35.24 0.67 0.00	34.80 0.61 0.00	33.27 0.50 0.00	42.67 1.08 0.00	40.82 1.08 0.00	42.78 1.23 0.00	44.98 1.28 0.00	43.64 1.29 0.00	43.40 1.27 0.00	42.76 1.15 0.00	48.70 1.32 0.00	51.51 1.43 0.00	59.23 1.50 0.00	46.75 1.26 0.00	42.36 1.05 0.00	51.30 1.29 0.00	53.52 1.24 0.00
ALBANY___4 23574	33.26 0.50 0.00	34.17 0.61 0.00	30.44 0.57 0.00	35.01 0.62 0.00	31.12 0.55 0.00	30.38 0.50 0.00	34.83 0.67 0.00	35.24 0.67 0.00	34.80 0.61 0.00	33.27 0.50 0.00	42.67 1.08 0.00	40.82 1.08 0.00	42.78 1.23 0.00	44.98 1.28 0.00	43.64 1.29 0.00	43.40 1.27 0.00	42.76 1.15 0.00	48.70 1.32 0.00	51.51 1.43 0.00	59.23 1.50 0.00	46.75 1.26 0.00	42.36 1.05 0.00	51.30 1.29 0.00	53.52 1.24 0.00
ALBANY___LFGE 323615	33.54 0.78 0.00	34.46 0.91 0.00	30.69 0.82 0.00	35.31 0.91 0.00	31.38 0.80 0.00	30.63 0.75 0.00	35.12 0.97 0.00	35.54 0.98 0.00	35.09 0.90 0.00	33.55 0.78 0.00	43.01 1.42 0.00	41.15 1.41 0.00	43.12 1.57 0.00	45.33 1.63 0.00	43.98 1.63 0.00	43.74 1.60 0.00	43.10 1.50 0.00	49.13 1.75 0.00	51.96 1.88 0.00	59.74 2.01 0.00	47.12 1.64 0.00	42.71 1.40 0.00	51.70 1.69 0.00	53.93 1.66 0.00
ALCOA_PA_115KV_PL-6C 55860	33.68 0.92 0.00	34.39 0.84 0.00	30.58 0.71 0.00	35.26 0.87 0.00	31.38 0.81 0.00	30.67 0.79 0.00	35.07 0.91 0.00	35.49 0.92 0.00	35.04 0.84 0.00	33.56 0.79 0.00	42.51 0.92 0.00	40.56 0.82 0.00	42.26 0.72 0.00	44.61 0.90 0.00	43.25 0.90 0.00	43.00 0.87 0.00	42.45 0.85 0.00	48.17 0.79 0.00	50.41 0.34 0.00	58.42 0.70 0.00	46.26 0.77 0.00	42.23 0.92 0.00	51.32 1.32 0.00	53.74 1.46 0.00
ALCOA_RYNLDS___DRP 24188	33.68 0.92 0.00	34.39 0.84 0.00	30.58 0.71 0.00	35.26 0.87 0.00	31.38 0.81 0.00	30.67 0.79 0.00	35.07 0.91 0.00	35.49 0.92 0.00	35.04 0.84 0.00	33.56 0.79 0.00	42.51 0.92 0.00	40.56 0.82 0.00	42.26 0.72 0.00	44.61 0.90 0.00	43.25 0.90 0.00	43.00 0.87 0.00	42.45 0.85 0.00	48.17 0.79 0.00	50.41 0.34 0.00	58.42 0.70 0.00	46.26 0.77 0.00	42.23 0.92 0.00	51.32 1.32 0.00	53.74 1.46 0.00
ALCOA___DSASP 323711	33.68 0.92 0.00	34.39 0.84 0.00	30.58 0.71 0.00	35.26 0.87 0.00	31.38 0.81 0.00	30.67 0.79 0.00	35.07 0.91 0.00	35.49 0.93 0.00	35.04 0.84 0.00	33.56 0.79 0.00	42.51 0.92 0.00	40.55 0.81 0.00	42.26 0.72 0.00	44.61 0.90 0.00	43.25 0.90 0.00	42.99 0.86 0.00	42.45 0.85 0.00	48.17 0.79 0.00	50.40 0.32 0.00	58.43 0.70 0.00	46.26 0.77 0.00	42.23 0.92 0.00	51.32 1.32 0.00	53.74 1.46 0.00
ALLEGHENY___COGEN 23514	30.16 -1.28 1.31	31.99 -1.56 0.00	28.42 -1.45 0.00	32.94 -1.45 0.00	29.08 -1.49 0.00	28.52 -1.36 0.00	32.76 -1.39 0.00	33.24 -1.47 -0.14	32.91 -1.29 0.00	33.02 -1.10 -1.36	59.41 -1.88 -19.70	46.91 -2.28 -9.45	61.03 -2.72 -22.20	49.75 -2.81 -8.85	45.17 -2.99 -5.81	39.56 -2.71 -0.14	43.94 -1.99 -4.33	65.00 -1.81 -19.43	79.72 -1.56 -31.20	84.53 -1.31 -28.10	65.91 -1.18 -21.60	40.44 -1.01 -0.14	48.86 -1.15 0.00	51.60 -0.68 0.00
ALTAMONT_115KV_TB 2 55880	33.48 0.72 0.00	34.38 0.83 0.00	30.61 0.75 0.00	35.22 0.83 0.00	31.31 0.73 0.00	30.56 0.68 0.00	35.00 0.85 0.00	35.42 0.86 0.00	34.99 0.80 0.00	33.46 0.69 0.00	42.67 1.08 0.00	40.85 1.11 0.00	42.78 1.24 0.00	44.94 1.24 0.00	43.58 1.22 0.00	43.36 1.23 0.00	42.73 1.13 0.00	48.76 1.38 0.00	51.59 1.51 0.00	59.34 1.62 0.00	46.73 1.25 0.00	42.40 1.09 0.00	51.29 1.28 0.00	53.54 1.26 0.00
ALTONA_WT_PWR 323606	32.62 -0.13 0.00	33.07 -0.48 0.00	29.42 -0.45 0.00	33.66 -0.73 0.00	30.04 -0.53 0.00	29.54 -0.34 0.00	33.93 -0.22 0.00	34.64 0.08 0.00	34.16 -0.03 0.00	32.53 -0.24 0.00	40.56 -1.03 0.00	-10.74 -1.30 49.19	-5.62 -1.59 45.57	-10.52 -1.58 52.66	-15.76 -1.55 56.57	-15.42 -1.43 56.12	-5.18 -1.41 45.37	-4.87 -1.81 50.44	-20.62 -2.02 68.68	-20.50 -2.21 76.03	37.99 -1.55 5.95	40.18 -1.13 0.00	41.60 -1.39 7.02	-5.45 -1.60 56.13
AMERICAN_REF_FUEL 24010	28.35 -3.58 0.83	29.47 -4.08 0.00	26.22 -3.65 0.00	30.42 -3.97 0.00	26.75 -3.83 0.00	26.37 -3.51 0.00	30.16 -4.00 0.00	30.12 -4.41 0.03	30.10 -4.10 0.00	28.84 -3.61 0.31	32.60 -4.44 4.54	33.02 -4.54 2.18	31.72 -4.70 5.12	36.73 -4.94 2.04	35.75 -5.12 1.49	36.93 -5.16 0.04	35.78 -4.82 1.00	37.29 -5.75 4.35	36.78 -6.31 6.99	44.81 -6.64 6.28	35.30 -5.37 4.82	36.33 -4.94 0.03	44.36 -5.65 0.00	47.10 -5.18 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.55 -3.17 1.03	30.20 -3.35 0.00	26.85 -3.02 0.00	31.15 -3.24 0.00	27.42 -3.15 0.00	27.03 -2.85 0.00	30.94 -3.21 0.00	31.37 -3.16 0.03	31.07 -3.12 0.00	29.72 -2.75 0.31	33.56 -3.57 4.46	33.98 -3.62 2.14	32.90 -3.61 5.03	38.04 -3.67 2.01	36.81 -4.05 1.49	38.24 -3.85 0.03	37.20 -3.41 0.98	38.93 -4.06 4.38	38.47 -4.57 7.04	46.68 -4.72 6.34	37.03 -3.58 4.87	38.29 -2.99 0.03	46.61 -3.40 0.00	49.30 -2.98 0.00
ARTHUR KILL_GT_1 23520	59.73 1.77 -25.20	55.78 1.89 -20.34	55.06 1.67 -23.52	55.08 1.88 -18.81	55.07 1.69 -22.82	55.07 1.63 -23.56	55.83 1.95 -19.73	55.80 2.00 -19.24	55.55 1.98 -19.38	-1407.80 1.57 1442.14	67.03 2.20 -23.24	60.18 2.14 -18.30	59.01 2.30 -15.16	59.01 2.37 -12.92	65.20 2.47 -20.37	60.28 2.39 -15.76	60.24 2.14 -16.50	65.67 2.47 -15.83	61.27 2.88 -8.31	61.43 2.91 -0.80	60.56 2.40 -12.67	62.58 2.13 -19.14	58.92 2.06 -6.86	76.04 2.06 -21.71
ARTHUR_KILL_2 23512	59.66 1.70 -25.20	55.69 1.79 -20.34	54.99 1.60 -23.52	54.99 1.79 -18.81	54.99 1.60 -22.82	54.99 1.55 -23.56	55.75 1.87 -19.73	55.72 1.92 -19.24	55.46 1.89 -19.38	-1407.86 1.51 1442.14	66.94 2.11 -23.24	60.10 2.05 -18.30	58.92 2.22 -15.16	58.92 2.29 -12.92	65.11 2.38 -20.37	60.18 2.29 -15.76	60.13 2.03 -16.50	65.53 2.32 -15.83	61.11 2.73 -8.31	61.25 2.72 -0.80	60.42 2.26 -12.67	62.45 2.00 -19.14	58.77 1.90 -6.86	75.87 1.89 -21.71
ARTHUR_KILL_3 23513	60.22 1.46 -26.01	56.07 1.49 -21.03	54.69 1.30 -23.52	54.65 1.44 -18.81	54.65 1.27 -22.81	54.65 1.21 -23.56	55.33 1.44 -19.74	55.38 1.49 -19.33	55.11 1.45 -19.47	727.05 1.32 -692.95	67.52 1.63 -24.30	59.73 1.61 -18.38	58.48 1.77 -15.16	58.47 1.83 -12.92	64.69 1.90 -20.44	59.70 1.80 -15.76	59.80 1.44 -16.76	64.98 1.71 -15.89	60.48 2.09 -8.30	60.61 2.08 -0.80	59.77 1.61 -12.67	61.82 1.36 -19.14	58.38 1.37 -7.01	74.96 1.23 -21.45

ARTHUR_KILL_COGEN 323718	59.73 1.77 -25.20	55.78 1.89 -20.34	55.06 1.67 -23.52	55.08 1.88 -18.81	55.07 1.69 -22.82	55.07 1.63 -23.56	55.83 1.95 -19.73	55.80 2.00 -19.24	55.55 1.98 -19.38	-1407.80 1.57 1442.14	67.03 2.20 -23.24	60.18 2.14 -18.30	59.01 2.30 -15.16	59.01 2.37 -12.92	65.20 2.47 -20.37	60.28 2.39 -15.76	60.24 2.14 -16.50	65.67 2.47 -15.83	61.27 2.88 -8.31	61.43 2.91 -0.80	60.56 2.40 -12.67	62.58 2.13 -19.14	58.92 2.06 -6.86	76.04 2.06 -21.71
ASHOKAN____ 23654	34.67 1.91 0.00	35.56 2.01 0.00	31.63 1.76 0.00	36.38 1.99 0.00	32.32 1.75 0.00	31.57 1.70 0.00	36.23 2.07 0.00	36.74 2.17 0.00	36.18 1.99 0.00	34.32 1.55 0.00	43.88 2.29 0.00	42.05 2.31 0.00	44.13 2.59 0.00	46.23 2.52 0.00	45.12 2.77 0.00	44.91 2.78 0.00	44.25 2.65 0.00	50.87 3.50 0.00	54.08 4.00 0.00	62.25 4.53 0.00	48.99 3.51 0.00	44.35 3.04 0.00	53.52 3.52 0.00	55.76 3.49 0.00
ASTORIA_EAST_ENERGY_CC1 323581	34.30 1.54 0.00	35.08 1.52 0.00	31.20 1.32 -0.01	35.84 1.45 0.00	31.84 1.26 -0.01	31.10 1.21 -0.01	35.67 1.51 0.00	36.14 1.57 -0.01	35.76 1.56 0.00	34.24 1.47 0.00	43.62 2.02 -0.01	41.73 1.99 0.00	43.66 2.12 0.00	45.85 2.14 0.00	44.71 2.35 -0.01	44.31 2.18 0.00	43.38 1.77 -0.01	49.51 2.13 0.00	52.66 2.58 0.00	60.31 2.57 0.00	47.50 2.01 0.00	43.00 1.69 0.00	51.72 1.71 0.00	53.94 1.66 0.00
ASTORIA_EAST_ENERGY_CC2 323582	34.30 1.54 0.00	35.08 1.52 0.00	31.20 1.32 -0.01	35.84 1.45 0.00	31.84 1.26 -0.01	31.10 1.21 -0.01	35.67 1.51 0.00	36.14 1.57 -0.01	35.76 1.56 0.00	34.24 1.47 0.00	43.62 2.02 -0.01	41.73 1.99 0.00	43.65 2.11 0.00	45.85 2.14 0.00	44.71 2.35 -0.01	44.31 2.18 0.00	43.38 1.77 -0.01	49.51 2.13 0.00	52.66 2.58 0.00	60.31 2.57 0.00	47.50 2.01 0.00	43.00 1.69 0.00	51.72 1.71 0.00	53.94 1.66 0.00
ASTORIA_GT2_1 24094	34.31 1.55 -0.01	35.10 1.54 -0.01	31.22 1.35 -0.01	35.85 1.46 0.00	31.85 1.27 -0.01	31.11 1.23 -0.01	35.69 1.53 0.00	36.16 1.59 -0.01	35.78 1.58 0.00	34.26 1.49 0.00	43.65 2.06 -0.01	41.73 1.99 0.00	43.68 2.13 0.00	45.87 2.16 0.00	44.73 2.37 -0.01	44.34 2.21 0.00	43.40 1.79 -0.01	49.54 2.16 0.00	52.71 2.63 0.00	60.34 2.61 0.00	47.53 2.04 0.00	43.02 1.71 0.00	51.75 1.74 0.00	53.96 1.69 0.00
ASTORIA_GT2_2 24095	34.31 1.55 -0.01	35.10 1.54 -0.01	31.22 1.35 -0.01	35.85 1.46 0.00	31.85 1.27 -0.01	31.11 1.23 -0.01	35.69 1.53 0.00	36.16 1.59 -0.01	35.78 1.58 0.00	34.26 1.49 0.00	43.65 2.06 -0.01	41.73 1.99 0.00	43.68 2.13 0.00	45.87 2.16 0.00	44.73 2.37 -0.01	44.34 2.21 0.00	43.40 1.79 -0.01	49.54 2.16 0.00	52.71 2.63 0.00	60.34 2.61 0.00	47.53 2.04 0.00	43.02 1.71 0.00	51.75 1.74 0.00	53.96 1.69 0.00
ASTORIA_GT2_3 24096	34.31 1.55 -0.01	35.10 1.54 -0.01	31.22 1.35 -0.01	35.85 1.46 0.00	31.85 1.27 -0.01	31.11 1.23 -0.01	35.69 1.53 0.00	36.16 1.59 -0.01	35.78 1.58 0.00	34.26 1.49 0.00	43.65 2.06 -0.01	41.73 1.99 0.00	43.68 2.13 0.00	45.87 2.16 0.00	44.73 2.37 -0.01	44.34 2.21 0.00	43.40 1.79 -0.01	49.54 2.16 0.00	52.71 2.63 0.00	60.34 2.61 0.00	47.53 2.04 0.00	43.02 1.71 0.00	51.75 1.74 0.00	53.96 1.69 0.00
ASTORIA_GT2_4 24097	34.31 1.55 -0.01	35.10 1.54 -0.01	31.22 1.35 -0.01	35.85 1.46 0.00	31.85 1.27 -0.01	31.11 1.23 -0.01	35.69 1.53 0.00	36.16 1.59 -0.01	35.78 1.58 0.00	34.26 1.49 0.00	43.65 2.06 -0.01	41.73 1.99 0.00	43.68 2.13 0.00	45.87 2.16 0.00	44.73 2.37 -0.01	44.34 2.21 0.00	43.40 1.79 -0.01	49.54 2.16 0.00	52.71 2.63 0.00	60.34 2.61 0.00	47.53 2.04 0.00	43.02 1.71 0.00	51.75 1.74 0.00	53.96 1.69 0.00
ASTORIA_GT3_1 24098	34.31 1.55 -0.01	35.10 1.54 -0.01	31.22 1.35 -0.01	35.85 1.46 0.00	31.85 1.27 -0.01	31.11 1.23 -0.01	35.69 1.53 0.00	36.16 1.59 -0.01	35.78 1.58 0.00	34.26 1.49 0.00	43.65 2.06 -0.01	41.73 1.99 0.00	43.68 2.13 0.00	45.87 2.16 0.00	44.73 2.37 -0.01	44.34 2.21 0.00	43.40 1.79 -0.01	49.54 2.16 0.00	52.71 2.63 0.00	60.34 2.61 0.00	47.53 2.04 0.00	43.02 1.71 0.00	51.75 1.74 0.00	53.96 1.69 0.00
ASTORIA_GT3_2 24099	34.31 1.55 -0.01	35.10 1.54 -0.01	31.22 1.35 -0.01	35.85 1.46 0.00	31.85 1.27 -0.01	31.11 1.23 -0.01	35.69 1.53 0.00	36.16 1.59 -0.01	35.78 1.58 0.00	34.26 1.49 0.00	43.65 2.06 -0.01	41.73 1.99 0.00	43.68 2.13 0.00	45.87 2.16 0.00	44.73 2.37 -0.01	44.34 2.21 0.00	43.40 1.79 -0.01	49.54 2.16 0.00	52.71 2.63 0.00	60.34 2.61 0.00	47.53 2.04 0.00	43.02 1.71 0.00	51.75 1.74 0.00	53.96 1.69 0.00
ASTORIA_GT3_3 24100	34.31 1.55 -0.01	35.10 1.54 -0.01	31.22 1.35 -0.01	35.85 1.46 0.00	31.85 1.27 -0.01	31.11 1.23 -0.01	35.69 1.53 0.00	36.16 1.59 -0.01	35.78 1.58 0.00	34.26 1.49 0.00	43.65 2.06 -0.01	41.73 1.99 0.00	43.68 2.13 0.00	45.87 2.16 0.00	44.73 2.37 -0.01	44.34 2.21 0.00	43.40 1.79 -0.01	49.54 2.16 0.00	52.71 2.63 0.00	60.34 2.61 0.00	47.53 2.04 0.00	43.02 1.71 0.00	51.75 1.74 0.00	53.96 1.69 0.00
ASTORIA_GT3_4 24101	34.31 1.55 -0.01	35.10 1.54 -0.01	31.22 1.35 -0.01	35.85 1.46 0.00	31.85 1.27 -0.01	31.11 1.23 -0.01	35.69 1.53 0.00	36.16 1.59 -0.01	35.78 1.58 0.00	34.26 1.49 0.00	43.65 2.06 -0.01	41.73 1.99 0.00	43.68 2.13 0.00	45.87 2.16 0.00	44.73 2.37 -0.01	44.34 2.21 0.00	43.40 1.79 -0.01	49.54 2.16 0.00	52.71 2.63 0.00	60.34 2.61 0.00	47.53 2.04 0.00	43.02 1.71 0.00	51.75 1.74 0.00	53.96 1.69 0.00
ASTORIA_GT4_1 24102	34.31 1.55 -0.01	35.10 1.54 -0.01	31.22 1.35 -0.01	35.85 1.46 0.00	31.85 1.27 -0.01	31.11 1.23 -0.01	35.69 1.53 0.00	36.16 1.59 -0.01	35.78 1.58 0.00	34.26 1.49 0.00	43.65 2.06 -0.01	41.73 1.99 0.00	43.68 2.13 0.00	45.87 2.16 0.00	44.73 2.37 -0.01	44.34 2.21 0.00	43.40 1.79 -0.01	49.54 2.16 0.00	52.71 2.63 0.00	60.34 2.61 0.00	47.53 2.04 0.00	43.02 1.71 0.00	51.75 1.74 0.00	53.96 1.69 0.00
ASTORIA_GT4_2 24103	34.31 1.55 -0.01	35.10 1.54 -0.01	31.22 1.35 -0.01	35.85 1.46 0.00	31.85 1.27 -0.01	31.11 1.23 -0.01	35.69 1.53 0.00	36.16 1.59 -0.01	35.78 1.58 0.00	34.26 1.49 0.00	43.65 2.06 -0.01	41.73 1.99 0.00	43.68 2.13 0.00	45.87 2.16 0.00	44.73 2.37 -0.01	44.34 2.21 0.00	43.40 1.79 -0.01	49.54 2.16 0.00	52.71 2.63 0.00	60.34 2.61 0.00	47.53 2.04 0.00	43.02 1.71 0.00	51.75 1.74 0.00	53.96 1.69 0.00
ASTORIA_GT4_3 24104	34.31 1.55 -0.01	35.10 1.54 -0.01	31.22 1.35 -0.01	35.85 1.46 0.00	31.85 1.27 -0.01	31.11 1.23 -0.01	35.69 1.53 0.00	36.16 1.59 -0.01	35.78 1.58 0.00	34.26 1.49 0.00	43.65 2.06 -0.01	41.73 1.99 0.00	43.68 2.13 0.00	45.87 2.16 0.00	44.73 2.37 -0.01	44.34 2.21 0.00	43.40 1.79 -0.01	49.54 2.16 0.00	52.71 2.63 0.00	60.34 2.61 0.00	47.53 2.04 0.00	43.02 1.71 0.00	51.75 1.74 0.00	53.96 1.69 0.00

ASTORIA_GT4_4 24105	34.31 1.55 -0.01	35.10 1.54 -0.01	31.22 1.35 -0.01	35.85 1.46 0.00	31.85 1.27 -0.01	31.11 1.23 -0.01	35.69 1.53 0.00	36.16 1.59 -0.01	35.78 1.58 0.00	34.26 1.49 0.00	43.65 2.06 -0.01	41.73 1.99 0.00	43.68 2.13 0.00	45.87 2.16 0.00	44.73 2.37 -0.01	44.34 2.21 0.00	43.40 1.79 -0.01	49.54 2.16 0.00	52.71 2.63 0.00	60.34 2.61 0.00	47.53 2.04 0.00	43.02 1.71 0.00	51.75 1.74 0.00	53.96 1.69 0.00
ASTORIA_GT_1 23523	34.37 1.61 0.00	35.15 1.60 0.00	31.27 1.40 -0.01	35.92 1.52 0.00	31.91 1.32 -0.01	31.15 1.27 -0.01	35.75 1.59 0.00	36.21 1.64 -0.01	35.83 1.63 0.00	34.32 1.54 0.00	43.71 2.12 -0.01	41.81 2.07 0.00	43.75 2.21 0.00	45.95 2.24 0.00	44.82 2.46 -0.01	44.41 2.28 0.00	43.48 1.87 -0.01	49.63 2.25 0.00	52.79 2.72 0.00	60.45 2.72 0.00	47.61 2.13 0.00	43.10 1.79 0.00	51.85 1.84 0.00	54.06 1.79 0.00
ASTORIA_GT_10 24110	34.94 1.72 -0.46	35.55 1.77 -0.23	32.50 1.55 -1.08	36.19 1.71 -0.09	33.20 1.52 -1.12	32.41 1.46 -1.07	35.97 1.73 -0.09	36.45 1.79 -0.10	36.54 1.81 -0.53	34.41 1.64 0.00	43.75 2.16 -0.01	41.82 2.07 0.00	43.80 2.25 0.00	46.03 2.32 0.00	44.79 2.44 -0.01	44.46 2.33 0.00	43.60 1.99 -0.01	49.64 2.27 0.00	52.72 2.64 0.00	60.40 2.67 0.00	47.58 2.10 0.00	43.12 1.81 0.00	51.86 1.85 0.00	54.02 1.75 0.00
ASTORIA_GT_11 24225	34.94 1.72 -0.46	35.55 1.77 -0.23	32.50 1.55 -1.08	36.19 1.71 -0.09	33.20 1.52 -1.12	32.41 1.46 -1.07	35.97 1.73 -0.09	36.45 1.79 -0.10	36.54 1.81 -0.53	34.41 1.64 0.00	43.75 2.16 -0.01	41.82 2.07 0.00	43.80 2.25 0.00	46.03 2.32 0.00	44.79 2.44 -0.01	44.46 2.33 0.00	43.60 1.99 -0.01	49.64 2.27 0.00	52.72 2.64 0.00	60.40 2.67 0.00	47.58 2.10 0.00	43.12 1.81 0.00	51.86 1.85 0.00	54.02 1.75 0.00
ASTORIA_GT_12 24226	34.94 1.72 -0.46	35.55 1.77 -0.23	32.50 1.55 -1.08	36.19 1.71 -0.09	33.20 1.52 -1.12	32.41 1.46 -1.07	35.97 1.73 -0.09	36.45 1.79 -0.10	36.54 1.81 -0.53	34.41 1.64 0.00	43.75 2.16 -0.01	41.82 2.07 0.00	43.80 2.25 0.00	46.03 2.32 0.00	44.79 2.44 -0.01	44.46 2.33 0.00	43.60 1.99 -0.01	49.64 2.27 0.00	52.72 2.64 0.00	60.40 2.67 0.00	47.58 2.10 0.00	43.12 1.81 0.00	51.86 1.85 0.00	54.02 1.75 0.00
ASTORIA_GT_13 24227	34.94 1.72 -0.46	35.55 1.77 -0.23	32.50 1.55 -1.08	36.19 1.71 -0.09	33.20 1.52 -1.12	32.41 1.46 -1.07	35.97 1.73 -0.09	36.45 1.79 -0.10	36.54 1.81 -0.53	34.41 1.64 0.00	43.75 2.16 -0.01	41.82 2.07 0.00	43.80 2.25 0.00	46.03 2.32 0.00	44.79 2.44 -0.01	44.46 2.33 0.00	43.60 1.99 -0.01	49.64 2.27 0.00	52.72 2.64 0.00	60.40 2.67 0.00	47.58 2.10 0.00	43.12 1.81 0.00	51.86 1.85 0.00	54.02 1.75 0.00
ASTORIA_GT_5 24106	34.37 1.61 -0.01	35.15 1.60 -0.01	31.27 1.40 -0.01	35.92 1.53 0.00	31.91 1.33 -0.01	31.15 1.27 -0.01	35.75 1.59 0.00	36.22 1.65 -0.01	35.84 1.64 0.00	34.32 1.54 0.00	43.73 2.14 -0.01	41.81 2.07 0.00	43.75 2.21 0.00	45.95 2.24 0.00	44.82 2.46 -0.01	44.42 2.29 0.00	43.48 1.87 -0.01	49.63 2.25 0.00	52.81 2.73 0.00	60.46 2.73 0.00	47.61 2.13 0.00	43.10 1.79 0.00	51.85 1.85 0.00	54.06 1.79 0.00
ASTORIA_GT_7 24107	34.37 1.61 -0.01	35.15 1.60 -0.01	31.27 1.40 -0.01	35.92 1.53 0.00	31.91 1.33 -0.01	31.15 1.27 -0.01	35.75 1.59 0.00	36.22 1.65 -0.01	35.84 1.64 0.00	34.32 1.54 0.00	43.73 2.14 -0.01	41.81 2.07 0.00	43.75 2.21 0.00	45.95 2.24 0.00	44.82 2.46 -0.01	44.42 2.29 0.00	43.48 1.87 -0.01	49.63 2.25 0.00	52.81 2.73 0.00	60.46 2.73 0.00	47.61 2.13 0.00	43.10 1.79 0.00	51.85 1.85 0.00	54.06 1.79 0.00
ASTORIA_GT_8 24108	34.37 1.61 -0.01	35.15 1.60 -0.01	31.27 1.40 -0.01	35.92 1.53 0.00	31.91 1.33 -0.01	31.15 1.27 -0.01	35.75 1.59 0.00	36.22 1.65 -0.01	35.84 1.64 0.00	34.32 1.54 0.00	43.73 2.14 -0.01	41.81 2.07 0.00	43.75 2.21 0.00	45.95 2.24 0.00	44.82 2.46 -0.01	44.42 2.29 0.00	43.48 1.87 -0.01	49.63 2.25 0.00	52.81 2.73 0.00	60.46 2.73 0.00	47.61 2.13 0.00	43.10 1.79 0.00	51.85 1.85 0.00	54.06 1.79 0.00
ASTORIA___2 24149	34.31 1.55 0.00	35.10 1.54 0.00	31.22 1.35 -0.01	35.86 1.46 0.00	31.85 1.27 -0.01	31.12 1.23 -0.01	35.69 1.53 0.00	36.16 1.59 -0.01	35.77 1.58 0.00	34.26 1.49 0.00	43.63 2.04 -0.01	41.73 1.99 0.00	43.68 2.13 0.00	45.87 2.16 0.00	44.73 2.37 -0.01	44.34 2.21 0.00	43.40 1.79 -0.01	49.54 2.16 0.00	52.70 2.62 0.00	60.33 2.60 0.00	47.53 2.04 0.00	43.02 1.71 0.00	51.75 1.74 0.00	53.96 1.69 0.00
ASTORIA___3 23516	34.94 1.72 -0.46	35.55 1.77 -0.23	32.50 1.55 -1.08	36.19 1.70 -0.09	33.20 1.52 -1.12	32.41 1.46 -1.07	35.97 1.73 -0.09	36.45 1.79 -0.10	36.54 1.81 -0.53	34.41 1.64 0.00	43.75 2.15 -0.01	41.82 2.07 0.00	43.79 2.25 0.00	46.02 2.31 0.00	44.79 2.44 -0.01	44.46 2.33 0.00	43.60 1.99 -0.01	49.64 2.26 0.00	52.72 2.64 0.00	60.41 2.68 0.00	47.58 2.10 0.00	43.12 1.81 0.00	51.86 1.85 0.00	54.02 1.75 0.00
ASTORIA___4 23517	34.94 1.72 -0.46	35.55 1.77 -0.23	32.50 1.55 -1.08	36.19 1.71 -0.09	33.20 1.52 -1.12	32.41 1.46 -1.07	35.97 1.73 -0.09	36.45 1.79 -0.10	36.54 1.81 -0.53	34.41 1.64 0.00	43.75 2.16 -0.01	41.82 2.07 0.00	43.80 2.25 0.00	46.03 2.32 0.00	44.79 2.44 -0.01	44.46 2.33 0.00	43.60 1.99 -0.01	49.64 2.27 0.00	52.72 2.64 0.00	60.40 2.67 0.00	47.58 2.10 0.00	43.12 1.81 0.00	51.86 1.85 0.00	54.02 1.75 0.00
ASTORIA___5 23518	34.94 1.72 -0.46	35.55 1.77 -0.23	32.50 1.55 -1.08	36.19 1.70 -0.09	33.20 1.52 -1.12	32.41 1.46 -1.07	35.97 1.73 -0.09	36.45 1.79 -0.10	36.54 1.81 -0.53	34.41 1.64 0.00	43.75 2.15 -0.01	41.82 2.07 0.00	43.79 2.25 0.00	46.02 2.31 0.00	44.79 2.44 -0.01	44.46 2.33 0.00	43.60 1.99 -0.01	49.64 2.26 0.00	52.72 2.64 0.00	60.41 2.68 0.00	47.58 2.10 0.00	43.12 1.81 0.00	51.86 1.85 0.00	54.02 1.75 0.00
AST_ENERGY_2_CC3 323677	34.33 1.57 0.00	35.13 1.58 0.00	31.25 1.38 0.00	35.91 1.52 0.00	31.92 1.35 0.00	31.15 1.28 0.00	35.68 1.53 0.00	36.15 1.58 0.00	35.73 1.54 0.00	34.14 1.36 0.00	43.38 1.79 0.00	41.60 1.86 0.00	43.49 1.95 0.00	45.69 1.99 0.00	44.42 2.07 0.00	44.10 1.97 0.00	43.24 1.64 0.00	49.29 1.91 0.00	52.35 2.27 0.00	60.01 2.28 0.00	47.26 1.77 0.00	42.83 1.52 0.00	51.61 1.60 0.00	53.75 1.48 0.00
AST_ENERGY_2_CC4 323678	34.33 1.57 0.00	35.13 1.58 0.00	31.25 1.38 0.00	35.91 1.52 0.00	31.92 1.35 0.00	31.15 1.28 0.00	35.68 1.53 0.00	36.15 1.58 0.00	35.73 1.54 0.00	34.14 1.36 0.00	43.38 1.79 0.00	41.60 1.86 0.00	43.49 1.95 0.00	45.69 1.99 0.00	44.42 2.07 0.00	44.10 1.97 0.00	43.24 1.64 0.00	49.29 1.91 0.00	52.35 2.27 0.00	60.01 2.28 0.00	47.26 1.77 0.00	42.83 1.52 0.00	51.61 1.60 0.00	53.75 1.48 0.00

ATHENS_STG_1 23668	33.65 0.89 0.00	34.55 1.00 0.00	30.75 0.88 0.00	35.38 0.98 0.00	31.44 0.86 0.00	30.66 0.79 0.00	35.12 0.96 0.00	35.57 1.01 0.00	35.17 0.97 0.00	33.63 0.85 0.00	42.81 1.22 0.00	40.96 1.22 0.00	42.88 1.34 0.00	45.09 1.38 0.00	43.74 1.39 0.00	43.49 1.36 0.00	42.79 1.19 0.00	48.80 1.42 0.00	51.69 1.61 0.00	59.44 1.71 0.00	46.79 1.31 0.00	42.44 1.13 0.00	51.27 1.26 0.00	53.51 1.23 0.00
ATHENS_STG_2 23670	33.65 0.89 0.00	34.55 1.00 0.00	30.75 0.88 0.00	35.38 0.98 0.00	31.44 0.86 0.00	30.66 0.79 0.00	35.12 0.96 0.00	35.57 1.01 0.00	35.17 0.97 0.00	33.63 0.85 0.00	42.81 1.22 0.00	40.96 1.22 0.00	42.88 1.34 0.00	45.09 1.38 0.00	43.74 1.39 0.00	43.49 1.36 0.00	42.79 1.19 0.00	48.80 1.42 0.00	51.69 1.61 0.00	59.44 1.71 0.00	46.79 1.31 0.00	42.44 1.13 0.00	51.27 1.26 0.00	53.51 1.23 0.00
ATHENS_STG_3 23677	33.65 0.89 0.00	34.55 1.00 0.00	30.75 0.88 0.00	35.38 0.98 0.00	31.44 0.86 0.00	30.66 0.79 0.00	35.12 0.96 0.00	35.57 1.01 0.00	35.17 0.97 0.00	33.63 0.85 0.00	42.81 1.22 0.00	40.96 1.22 0.00	42.88 1.34 0.00	45.09 1.38 0.00	43.74 1.39 0.00	43.49 1.36 0.00	42.79 1.19 0.00	48.80 1.42 0.00	51.69 1.61 0.00	59.44 1.71 0.00	46.79 1.31 0.00	42.44 1.13 0.00	51.27 1.26 0.00	53.51 1.23 0.00
AUBURN___LFGE 323710	32.56 -0.54 -0.34	32.96 -0.59 0.00	29.28 -0.59 0.00	33.83 -0.56 0.00	30.05 -0.52 0.00	29.42 -0.45 0.00	33.62 -0.53 0.00	34.05 -0.51 0.00	33.78 -0.41 0.00	32.36 -0.42 0.00	41.01 -0.58 0.00	39.10 -0.64 0.00	40.83 -0.71 0.00	43.01 -0.70 0.00	41.56 -0.84 -0.04	41.41 -0.72 0.00	41.23 -0.37 0.00	47.00 -0.38 0.00	49.68 -0.40 0.00	57.38 -0.35 0.00	45.14 -0.35 0.00	40.96 -0.35 0.00	49.53 -0.48 0.00	51.84 -0.44 0.00
BABYLON_RES_REC 323704	37.38 2.07 -2.55	35.78 2.23 0.00	31.82 1.95 0.00	36.60 2.21 0.00	32.52 1.95 0.00	31.73 1.85 0.00	36.36 2.20 0.00	36.81 2.24 0.00	36.51 2.32 0.00	34.67 1.90 0.00	44.20 2.61 0.00	42.31 2.57 0.00	44.06 2.52 0.00	46.06 2.35 0.00	48.82 2.69 -3.79	90.82 2.93 -45.76	43.92 2.32 0.00	50.31 2.93 0.00	53.59 3.51 0.00	61.53 3.80 0.00	48.34 2.86 0.00	43.71 2.40 0.00	52.50 2.49 0.00	54.75 2.47 0.00
BABYLON___69_KV_BK2 356345	37.70 2.39 -2.55	36.12 2.57 0.00	32.12 2.25 0.00	36.94 2.55 0.00	32.84 2.26 0.00	32.03 2.15 0.00	36.71 2.56 0.00	37.16 2.59 0.00	36.89 2.69 0.00	35.02 2.25 0.00	44.63 3.04 0.00	42.79 3.05 0.00	44.50 2.95 0.00	46.46 2.75 0.00	49.23 3.09 -3.79	91.29 3.40 -45.76	44.40 2.80 0.00	50.90 3.53 0.00	54.23 4.15 0.00	62.29 4.56 0.00	48.92 3.44 0.00	44.23 2.92 0.00	53.11 3.10 0.00	55.36 3.09 0.00
BALL_HILL_WT_PWR 323825	28.87 -2.92 0.97	30.34 -3.21 0.00	26.97 -2.90 0.00	31.32 -3.07 0.00	27.55 -3.02 0.00	27.14 -2.74 0.00	31.02 -3.14 0.00	31.26 -3.26 0.04	31.13 -3.07 0.00	29.70 -2.66 0.41	32.23 -3.44 5.93	33.40 -3.50 2.84	31.31 -3.55 6.68	37.42 -3.63 2.66	36.45 -3.98 1.93	38.17 -3.91 0.04	36.81 -3.49 1.30	37.35 -4.20 5.82	36.04 -4.69 9.36	44.46 -4.84 8.42	35.14 -3.87 6.47	37.89 -3.38 0.04	46.16 -3.85 0.00	48.88 -3.40 0.00
BARON_WINDS___WT_PWR 323822	28.21 -2.93 1.63	30.51 -3.05 0.00	27.13 -2.74 0.00	31.56 -2.83 0.00	27.81 -2.77 0.00	27.17 -2.71 0.00	31.13 -3.03 0.00	31.10 -3.22 0.24	31.08 -3.11 0.00	27.73 -2.79 2.26	5.21 -3.63 32.75	20.33 -3.70 15.71	0.86 -3.77 36.91	24.95 -4.04 14.71	27.91 -4.29 10.15	37.71 -4.18 0.24	30.71 -3.69 7.20	11.05 -4.04 32.28	-6.00 -4.23 51.85	6.35 -4.68 46.69	5.73 -3.86 35.89	37.65 -3.43 0.23	45.96 -4.05 0.00	48.66 -3.62 0.00
BARRETT_IC_1 23704	37.11 1.80 -2.55	35.47 1.92 0.00	31.54 1.68 0.00	36.26 1.87 0.00	32.23 1.66 0.00	31.44 1.56 0.00	36.01 1.86 0.00	36.42 1.86 0.00	36.10 1.91 0.00	34.38 1.60 0.00	43.88 2.29 0.00	42.05 2.31 0.00	43.79 2.25 0.00	45.88 2.17 0.00	48.64 2.50 -3.79	90.39 2.50 -45.76	43.60 2.00 0.00	49.85 2.47 0.00	52.92 2.84 0.00	60.66 2.93 0.00	47.69 2.20 0.00	43.16 1.84 0.00	51.86 1.85 0.00	54.07 1.80 0.00
BARRETT_IC_10 23701	37.11 1.80 -2.55	35.47 1.92 0.00	31.54 1.68 0.00	36.26 1.87 0.00	32.23 1.66 0.00	31.44 1.56 0.00	36.01 1.86 0.00	36.42 1.86 0.00	36.10 1.91 0.00	34.38 1.60 0.00	43.88 2.29 0.00	42.05 2.31 0.00	43.79 2.25 0.00	45.88 2.17 0.00	48.64 2.50 -3.79	90.39 2.50 -45.76	43.60 2.00 0.00	49.85 2.47 0.00	52.92 2.84 0.00	60.66 2.93 0.00	47.69 2.20 0.00	43.16 1.84 0.00	51.86 1.85 0.00	54.07 1.80 0.00
BARRETT_IC_11 23702	37.11 1.80 -2.55	35.47 1.92 0.00	31.54 1.68 0.00	36.26 1.87 0.00	32.23 1.66 0.00	31.44 1.56 0.00	36.01 1.86 0.00	36.42 1.86 0.00	36.10 1.91 0.00	34.38 1.60 0.00	43.88 2.29 0.00	42.05 2.31 0.00	43.79 2.25 0.00	45.88 2.17 0.00	48.64 2.50 -3.79	90.39 2.50 -45.76	43.60 2.00 0.00	49.85 2.47 0.00	52.92 2.84 0.00	60.66 2.93 0.00	47.69 2.20 0.00	43.16 1.84 0.00	51.86 1.85 0.00	54.07 1.80 0.00
BARRETT_IC_12 23703	37.11 1.80 -2.55	35.47 1.92 0.00	31.54 1.68 0.00	36.26 1.87 0.00	32.23 1.66 0.00	31.44 1.56 0.00	36.01 1.86 0.00	36.42 1.86 0.00	36.10 1.91 0.00	34.38 1.60 0.00	43.88 2.29 0.00	42.05 2.31 0.00	43.79 2.25 0.00	45.88 2.17 0.00	48.64 2.50 -3.79	90.39 2.50 -45.76	43.60 2.00 0.00	49.85 2.47 0.00	52.92 2.84 0.00	60.66 2.93 0.00	47.69 2.20 0.00	43.16 1.84 0.00	51.86 1.85 0.00	54.07 1.80 0.00
BARRETT_IC_2 23705	37.11 1.80 -2.55	35.47 1.92 0.00	31.54 1.68 0.00	36.26 1.87 0.00	32.23 1.66 0.00	31.44 1.56 0.00	36.01 1.86 0.00	36.42 1.86 0.00	36.10 1.91 0.00	34.38 1.60 0.00	43.88 2.29 0.00	42.05 2.31 0.00	43.79 2.25 0.00	45.88 2.17 0.00	48.64 2.50 -3.79	90.39 2.50 -45.76	43.60 2.00 0.00	49.85 2.47 0.00	52.92 2.84 0.00	60.66 2.93 0.00	47.69 2.20 0.00	43.16 1.84 0.00	51.86 1.85 0.00	54.07 1.80 0.00
BARRETT_IC_3 23706	37.11 1.80 -2.55	35.47 1.92 0.00	31.54 1.68 0.00	36.26 1.87 0.00	32.23 1.66 0.00	31.44 1.56 0.00	36.01 1.86 0.00	36.42 1.86 0.00	36.10 1.91 0.00	34.38 1.60 0.00	43.88 2.29 0.00	42.05 2.31 0.00	43.79 2.25 0.00	45.88 2.17 0.00	48.64 2.50 -3.79	90.39 2.50 -45.76	43.60 2.00 0.00	49.85 2.47 0.00	52.92 2.84 0.00	60.66 2.93 0.00	47.69 2.20 0.00	43.16 1.84 0.00	51.86 1.85 0.00	54.07 1.80 0.00
BARRETT_IC_4 23707	37.11 1.80 -2.55	35.47 1.92 0.00	31.54 1.68 0.00	36.26 1.87 0.00	32.23 1.66 0.00	31.44 1.56 0.00	36.01 1.86 0.00	36.42 1.86 0.00	36.10 1.91 0.00	34.38 1.60 0.00	43.88 2.29 0.00	42.05 2.31 0.00	43.79 2.25 0.00	45.88 2.17 0.00	48.64 2.50 -3.79	90.39 2.50 -45.76	43.60 2.00 0.00	49.85 2.47 0.00	52.92 2.84 0.00	60.66 2.93 0.00	47.69 2.20 0.00	43.16 1.84 0.00	51.86 1.85 0.00	54.07 1.80 0.00

BARRETT_IC_5 23708	37.11 1.80 -2.55	35.47 1.92 0.00	31.54 1.68 0.00	36.26 1.87 0.00	32.23 1.66 0.00	31.44 1.56 0.00	36.01 1.86 0.00	36.42 1.86 0.00	36.10 1.91 0.00	34.38 1.60 0.00	43.88 2.29 0.00	42.05 2.31 0.00	43.79 2.25 0.00	45.88 2.17 0.00	48.64 2.50 -3.79	90.39 2.50 -45.76	43.60 2.00 0.00	49.85 2.47 0.00	52.92 2.84 0.00	60.66 2.93 0.00	47.69 2.20 0.00	43.16 1.84 0.00	51.86 1.85 0.00	54.07 1.80 0.00
BARRETT_IC_6 23709	37.11 1.80 -2.55	35.47 1.92 0.00	31.54 1.68 0.00	36.26 1.87 0.00	32.23 1.66 0.00	31.44 1.56 0.00	36.01 1.86 0.00	36.42 1.86 0.00	36.10 1.91 0.00	34.38 1.60 0.00	43.88 2.29 0.00	42.05 2.31 0.00	43.79 2.25 0.00	45.88 2.17 0.00	48.64 2.50 -3.79	90.39 2.50 -45.76	43.60 2.00 0.00	49.85 2.47 0.00	52.92 2.84 0.00	60.66 2.93 0.00	47.69 2.20 0.00	43.16 1.84 0.00	51.86 1.85 0.00	54.07 1.80 0.00
BARRETT_IC_7 23710	37.11 1.80 -2.55	35.47 1.92 0.00	31.55 1.68 0.00	36.27 1.88 0.00	32.23 1.66 0.00	31.44 1.56 0.00	36.01 1.86 0.00	36.42 1.85 0.00	36.10 1.91 0.00	34.38 1.61 0.00	43.89 2.30 0.00	42.05 2.31 0.00	43.79 2.25 0.00	45.88 2.17 0.00	48.64 2.50 -3.79	90.39 2.50 -45.76	43.60 2.00 0.00	49.86 2.48 0.00	52.91 2.84 0.00	60.67 2.94 0.00	47.69 2.20 0.00	43.16 1.84 0.00	51.86 1.86 0.00	54.07 1.80 0.00
BARRETT_IC_8 23711	37.11 1.80 -2.55	35.47 1.92 0.00	31.54 1.68 0.00	36.26 1.87 0.00	32.23 1.66 0.00	31.44 1.56 0.00	36.01 1.86 0.00	36.42 1.86 0.00	36.10 1.91 0.00	34.38 1.60 0.00	43.88 2.29 0.00	42.05 2.31 0.00	43.79 2.25 0.00	45.88 2.17 0.00	48.64 2.50 -3.79	90.39 2.50 -45.76	43.60 2.00 0.00	49.85 2.47 0.00	52.92 2.84 0.00	60.66 2.93 0.00	47.69 2.20 0.00	43.16 1.84 0.00	51.86 1.85 0.00	54.07 1.80 0.00
BARRETT_IC_9 23700	37.11 1.80 -2.55	35.47 1.92 0.00	31.54 1.68 0.00	36.26 1.87 0.00	32.23 1.66 0.00	31.44 1.56 0.00	36.01 1.86 0.00	36.42 1.86 0.00	36.10 1.91 0.00	34.38 1.60 0.00	43.88 2.29 0.00	42.05 2.31 0.00	43.79 2.25 0.00	45.88 2.17 0.00	48.64 2.50 -3.79	90.39 2.50 -45.76	43.60 2.00 0.00	49.85 2.47 0.00	52.92 2.84 0.00	60.66 2.93 0.00	47.69 2.20 0.00	43.16 1.84 0.00	51.86 1.85 0.00	54.07 1.80 0.00
BARRETT___1 23545	37.11 1.80 -2.55	35.47 1.92 0.00	31.54 1.68 0.00	36.26 1.87 0.00	32.23 1.66 0.00	31.44 1.56 0.00	36.01 1.86 0.00	36.42 1.86 0.00	36.10 1.91 0.00	34.38 1.60 0.00	43.88 2.29 0.00	42.05 2.31 0.00	43.79 2.25 0.00	45.88 2.17 0.00	48.64 2.50 -3.79	90.39 2.50 -45.76	43.60 2.00 0.00	49.85 2.47 0.00	52.92 2.84 0.00	60.66 2.93 0.00	47.69 2.20 0.00	43.16 1.84 0.00	51.86 1.85 0.00	54.07 1.80 0.00
BARRETT___2 23546	37.11 1.80 -2.55	35.47 1.92 0.00	31.54 1.68 0.00	36.26 1.87 0.00	32.23 1.66 0.00	31.44 1.56 0.00	36.01 1.86 0.00	36.42 1.86 0.00	36.10 1.91 0.00	34.38 1.60 0.00	43.88 2.29 0.00	42.05 2.31 0.00	43.79 2.25 0.00	45.88 2.17 0.00	48.64 2.50 -3.79	90.39 2.50 -45.76	43.60 2.00 0.00	49.85 2.47 0.00	52.92 2.84 0.00	60.66 2.93 0.00	47.69 2.20 0.00	43.16 1.84 0.00	51.86 1.85 0.00	54.07 1.80 0.00
BATAVIA___115KV_TB1 55881	29.92 -2.13 0.71	31.01 -2.54 0.00	27.58 -2.29 0.00	31.95 -2.44 0.00	28.17 -2.41 0.00	27.76 -2.13 0.00	31.80 -2.35 0.00	31.98 -2.57 0.02	31.99 -2.21 0.00	30.70 -1.86 0.22	35.91 -2.51 3.17	35.46 -2.77 1.52	35.00 -2.98 3.57	39.29 -3.00 1.42	38.18 -3.12 1.05	39.12 -2.99 0.03	38.32 -2.58 0.70	41.25 -3.07 3.06	41.73 -3.43 4.91	49.94 -3.37 4.42	39.30 -2.80 3.39	38.79 -2.50 0.02	47.16 -2.85 0.00	49.82 -2.46 0.00
BAYONEEC___CTG1 323682	34.33 1.57 0.00	35.16 1.61 0.00	31.28 1.41 0.00	35.95 1.55 0.00	31.95 1.38 0.00	31.19 1.31 0.00	35.71 1.56 0.00	36.19 1.62 0.00	35.78 1.59 0.00	34.21 1.44 0.00	43.44 1.85 0.00	41.58 1.84 0.00	43.54 2.00 0.00	45.77 2.06 0.00	44.46 2.11 0.00	44.16 2.03 0.00	43.27 1.67 0.00	49.33 1.95 0.00	52.41 2.33 0.00	60.09 2.36 0.00	47.30 1.82 0.00	42.87 1.56 0.00	51.62 1.61 0.00	53.77 1.50 0.00
BAYONEEC___CTG10 323750	34.33 1.57 0.00	35.16 1.61 0.00	31.28 1.41 0.00	35.95 1.55 0.00	31.95 1.38 0.00	31.19 1.31 0.00	35.71 1.56 0.00	36.19 1.62 0.00	35.78 1.59 0.00	34.21 1.44 0.00	43.44 1.85 0.00	41.58 1.84 0.00	43.54 2.00 0.00	45.77 2.06 0.00	44.46 2.11 0.00	44.16 2.03 0.00	43.27 1.67 0.00	49.33 1.95 0.00	52.41 2.33 0.00	60.09 2.36 0.00	47.30 1.82 0.00	42.87 1.56 0.00	51.62 1.61 0.00	53.77 1.50 0.00
BAYONEEC___CTG2 323683	34.33 1.57 0.00	35.16 1.61 0.00	31.28 1.41 0.00	35.95 1.55 0.00	31.95 1.38 0.00	31.19 1.31 0.00	35.71 1.56 0.00	36.19 1.62 0.00	35.78 1.59 0.00	34.21 1.44 0.00	43.44 1.85 0.00	41.58 1.84 0.00	43.54 2.00 0.00	45.77 2.06 0.00	44.46 2.11 0.00	44.16 2.03 0.00	43.27 1.67 0.00	49.33 1.95 0.00	52.41 2.33 0.00	60.09 2.36 0.00	47.30 1.82 0.00	42.87 1.56 0.00	51.62 1.61 0.00	53.77 1.50 0.00
BAYONEEC___CTG3 323684	34.33 1.57 0.00	35.16 1.61 0.00	31.28 1.41 0.00	35.95 1.55 0.00	31.95 1.38 0.00	31.19 1.31 0.00	35.71 1.56 0.00	36.19 1.62 0.00	35.78 1.59 0.00	34.21 1.44 0.00	43.44 1.85 0.00	41.58 1.84 0.00	43.54 2.00 0.00	45.77 2.06 0.00	44.46 2.11 0.00	44.16 2.03 0.00	43.27 1.67 0.00	49.33 1.95 0.00	52.41 2.33 0.00	60.09 2.36 0.00	47.30 1.82 0.00	42.87 1.56 0.00	51.62 1.61 0.00	53.77 1.50 0.00
BAYONEEC___CTG4 323685	34.33 1.57 0.00	35.16 1.61 0.00	31.28 1.41 0.00	35.95 1.55 0.00	31.95 1.38 0.00	31.19 1.31 0.00	35.71 1.56 0.00	36.19 1.62 0.00	35.78 1.59 0.00	34.21 1.44 0.00	43.44 1.85 0.00	41.58 1.84 0.00	43.54 2.00 0.00	45.77 2.06 0.00	44.46 2.11 0.00	44.16 2.03 0.00	43.27 1.67 0.00	49.33 1.95 0.00	52.41 2.33 0.00	60.09 2.36 0.00	47.30 1.82 0.00	42.87 1.56 0.00	51.62 1.61 0.00	53.77 1.50 0.00
BAYONEEC___CTG5 323686	34.33 1.57 0.00	35.16 1.61 0.00	31.28 1.41 0.00	35.95 1.55 0.00	31.95 1.38 0.00	31.19 1.31 0.00	35.71 1.56 0.00	36.19 1.62 0.00	35.78 1.59 0.00	34.21 1.44 0.00	43.44 1.85 0.00	41.58 1.84 0.00	43.54 2.00 0.00	45.77 2.06 0.00	44.46 2.11 0.00	44.16 2.03 0.00	43.27 1.67 0.00	49.33 1.95 0.00	52.41 2.33 0.00	60.09 2.36 0.00	47.30 1.82 0.00	42.87 1.56 0.00	51.62 1.61 0.00	53.77 1.50 0.00
BAYONEEC___CTG6 323687	34.33 1.57 0.00	35.16 1.61 0.00	31.28 1.41 0.00	35.95 1.55 0.00	31.95 1.38 0.00	31.19 1.31 0.00	35.71 1.56 0.00	36.19 1.62 0.00	35.78 1.59 0.00	34.21 1.44 0.00	43.44 1.85 0.00	41.58 1.84 0.00	43.54 2.00 0.00	45.77 2.06 0.00	44.46 2.11 0.00	44.16 2.03 0.00	43.27 1.67 0.00	49.33 1.95 0.00	52.41 2.33 0.00	60.09 2.36 0.00	47.30 1.82 0.00	42.87 1.56 0.00	51.62 1.61 0.00	53.77 1.50 0.00

BAYONEEC___CTG7 323688	34.33 1.57 0.00	35.16 1.61 0.00	31.28 1.41 0.00	35.95 1.55 0.00	31.95 1.38 0.00	31.19 1.31 0.00	35.71 1.56 0.00	36.19 1.62 0.00	35.78 1.59 0.00	34.21 1.44 0.00	43.44 1.85 0.00	41.58 1.84 0.00	43.54 2.00 0.00	45.77 2.06 0.00	44.46 2.11 0.00	44.16 2.03 0.00	43.27 1.67 0.00	49.33 1.95 0.00	52.41 2.33 0.00	60.09 2.36 0.00	47.30 1.82 0.00	42.87 1.56 0.00	51.62 1.61 0.00	53.77 1.50 0.00
BAYONEEC___CTG8 323689	34.33 1.57 0.00	35.16 1.61 0.00	31.28 1.41 0.00	35.95 1.55 0.00	31.95 1.38 0.00	31.19 1.31 0.00	35.71 1.56 0.00	36.19 1.62 0.00	35.78 1.59 0.00	34.21 1.44 0.00	43.44 1.85 0.00	41.58 1.84 0.00	43.54 2.00 0.00	45.77 2.06 0.00	44.46 2.11 0.00	44.16 2.03 0.00	43.27 1.67 0.00	49.33 1.95 0.00	52.41 2.33 0.00	60.09 2.36 0.00	47.30 1.82 0.00	42.87 1.56 0.00	51.62 1.61 0.00	53.77 1.50 0.00
BAYONEEC___CTG9 323749	34.33 1.57 0.00	35.16 1.61 0.00	31.28 1.41 0.00	35.95 1.55 0.00	31.95 1.38 0.00	31.19 1.31 0.00	35.71 1.56 0.00	36.19 1.62 0.00	35.78 1.59 0.00	34.21 1.44 0.00	43.44 1.85 0.00	41.58 1.84 0.00	43.54 2.00 0.00	45.77 2.06 0.00	44.46 2.11 0.00	44.16 2.03 0.00	43.27 1.67 0.00	49.33 1.95 0.00	52.41 2.33 0.00	60.09 2.36 0.00	47.30 1.82 0.00	42.87 1.56 0.00	51.62 1.61 0.00	53.77 1.50 0.00
BEACON___LESR 323632	33.72 0.97 0.00	34.59 1.04 0.00	30.77 0.91 0.00	35.44 1.04 0.00	31.52 0.94 0.00	30.76 0.88 0.00	35.27 1.11 0.00	35.71 1.14 0.00	35.25 1.06 0.00	33.61 0.84 0.00	43.15 1.56 0.00	41.21 1.47 0.00	43.22 1.67 0.00	45.54 1.83 0.00	44.17 1.82 0.00	43.89 1.76 0.00	43.36 1.76 0.00	49.42 2.04 0.00	52.30 2.23 0.00	60.32 2.59 0.00	47.48 1.99 0.00	43.02 1.71 0.00	52.07 2.06 0.00	54.40 2.12 0.00
BEAVER RIVER___HYD 24048	32.64 -0.12 0.00	33.32 -0.23 0.00	29.55 -0.32 0.00	34.06 -0.34 0.00	30.30 -0.27 0.00	29.70 -0.18 0.00	33.90 -0.26 0.00	34.34 -0.22 0.00	34.18 -0.02 0.00	33.23 0.46 0.00	41.92 0.33 0.00	39.33 -0.41 0.00	40.50 -1.05 0.00	43.40 -0.31 0.00	42.03 -0.32 0.00	41.87 -0.26 0.00	41.85 0.24 0.00	47.87 0.50 0.00	50.91 0.83 0.00	59.26 1.54 0.00	46.62 1.14 0.00	41.92 0.61 0.00	51.12 1.11 0.00	53.64 1.37 0.00
BEEBEE_GT_13 23619	30.26 -1.97 0.53	31.30 -2.25 0.00	27.86 -2.01 0.00	32.18 -2.21 0.00	28.45 -2.12 0.00	27.96 -1.92 0.00	31.98 -2.18 0.00	32.31 -2.25 0.00	32.20 -2.00 0.00	31.07 -1.70 0.00	39.22 -2.37 0.00	37.42 -2.32 0.00	39.03 -2.51 0.00	41.23 -2.49 0.00	39.73 -2.55 0.07	39.66 -2.47 0.00	39.37 -2.23 0.00	44.59 -0.01 0.00	46.96 -0.01 0.00	54.48 -3.26 -0.01	42.86 -2.63 -0.01	39.00 -2.31 0.00	47.34 -2.67 0.00	49.83 -2.44 0.00
BENSHRST_27_KV_BENSHRST_1 355998	60.04 2.08 -25.20	56.02 2.13 -20.34	55.28 1.89 -23.52	55.29 2.10 -18.81	55.26 1.87 -22.82	55.25 1.81 -23.56	56.03 2.15 -19.73	56.02 2.21 -19.24	55.81 2.24 -19.38	694.32 1.97 -659.58	67.46 2.62 -23.24	60.58 2.53 -18.30	59.43 2.73 -15.16	59.47 2.83 -12.92	65.65 2.92 -20.37	60.72 2.82 -15.76	60.62 2.53 -16.50	66.12 2.91 -15.83	61.70 3.32 -8.31	61.95 3.42 -0.80	60.89 2.73 -12.67	62.84 2.39 -19.14	59.33 2.47 -6.86	76.37 2.39 -21.71
BETHLEHEM___GRP 23843	33.26 0.50 0.00	34.17 0.61 0.00	30.44 0.57 0.00	35.01 0.62 0.00	31.12 0.55 0.00	30.38 0.50 0.00	34.83 0.67 0.00	35.24 0.67 0.00	34.80 0.61 0.00	33.27 0.50 0.00	42.67 1.08 0.00	40.82 1.08 0.00	42.78 1.23 0.00	44.98 1.28 0.00	43.64 1.29 0.00	43.40 1.27 0.00	42.76 1.15 0.00	48.70 1.32 0.00	51.51 1.43 0.00	59.23 1.50 0.00	46.75 1.26 0.00	42.36 1.05 0.00	51.30 1.29 0.00	53.52 1.24 0.00
BETHLEHEM___GS1 323560	33.26 0.50 0.00	34.17 0.61 0.00	30.44 0.57 0.00	35.01 0.62 0.00	31.12 0.55 0.00	30.38 0.50 0.00	34.83 0.68 0.00	35.24 0.67 0.00	34.80 0.61 0.00	33.27 0.50 0.00	42.67 1.08 0.00	40.82 1.08 0.00	42.78 1.23 0.00	44.98 1.28 0.00	43.64 1.29 0.00	43.40 1.27 0.00	42.75 1.15 0.00	48.70 1.32 0.00	51.51 1.43 0.00	59.23 1.50 0.00	46.75 1.26 0.00	42.36 1.05 0.00	51.30 1.29 0.00	53.51 1.24 0.00
BETHLEHEM___GS2 323561	33.26 0.50 0.00	34.17 0.61 0.00	30.44 0.57 0.00	35.01 0.62 0.00	31.12 0.55 0.00	30.38 0.50 0.00	34.83 0.68 0.00	35.24 0.67 0.00	34.80 0.61 0.00	33.27 0.50 0.00	42.67 1.08 0.00	40.82 1.08 0.00	42.78 1.23 0.00	44.98 1.28 0.00	43.64 1.29 0.00	43.40 1.27 0.00	42.75 1.15 0.00	48.70 1.32 0.00	51.51 1.43 0.00	59.23 1.50 0.00	46.75 1.26 0.00	42.36 1.05 0.00	51.30 1.29 0.00	53.51 1.24 0.00
BETHLEHEM___GS3 323562	33.26 0.50 0.00	34.17 0.61 0.00	30.44 0.57 0.00	35.01 0.62 0.00	31.12 0.55 0.00	30.38 0.50 0.00	34.83 0.68 0.00	35.24 0.67 0.00	34.80 0.61 0.00	33.27 0.50 0.00	42.67 1.08 0.00	40.82 1.08 0.00	42.78 1.23 0.00	44.98 1.28 0.00	43.64 1.29 0.00	43.40 1.27 0.00	42.75 1.15 0.00	48.70 1.32 0.00	51.51 1.43 0.00	59.23 1.50 0.00	46.75 1.26 0.00	42.36 1.05 0.00	51.30 1.29 0.00	53.51 1.24 0.00
BETHLEHEM___STEEL 23779	29.07 -2.74 0.94	30.42 -3.13 0.00	27.06 -2.81 0.00	31.39 -3.00 0.00	27.61 -2.96 0.00	27.20 -2.68 0.00	31.10 -3.05 0.00	31.26 -3.26 0.04	31.21 -2.98 0.00	29.83 -2.54 0.40	32.44 -3.35 5.79	33.56 -3.40 2.78	31.51 -3.51 6.53	37.53 -3.58 2.60	36.62 -3.86 1.88	38.25 -3.84 0.04	36.87 -3.46 1.27	37.45 -4.25 5.68	36.17 -4.79 9.12	44.61 -4.91 8.21	35.23 -3.95 6.31	37.84 -3.43 0.04	46.16 -3.84 0.00	48.93 -3.34 0.00
BETHLHEM_115KV_TB1 79974	33.31 0.55 0.00	34.21 0.65 0.00	30.47 0.60 0.00	35.04 0.65 0.00	31.15 0.58 0.00	30.42 0.54 0.00	34.86 0.71 0.00	35.28 0.72 0.00	34.84 0.65 0.00	33.31 0.54 0.00	42.66 1.07 0.00	40.82 1.08 0.00	42.78 1.23 0.00	44.98 1.28 0.00	43.64 1.29 0.00	43.39 1.26 0.00	42.74 1.14 0.00	48.70 1.32 0.00	51.51 1.44 0.00	59.24 1.52 0.00	46.74 1.25 0.00	42.36 1.05 0.00	51.29 1.28 0.00	53.51 1.24 0.00
BETHPAGE_CC_5 323564	37.33 2.02 -2.55	35.70 2.15 0.00	31.74 1.88 0.00	36.51 2.12 0.00	32.45 1.88 0.00	31.66 1.78 0.00	36.28 2.13 0.00	36.70 2.14 0.00	36.40 2.21 0.00	34.59 1.82 0.00	44.12 2.53 0.00	42.25 2.50 0.00	44.01 2.46 0.00	46.01 2.30 0.00	48.75 2.61 -3.79	90.58 2.69 -45.76	43.64 2.04 0.00	49.88 2.50 0.00	53.09 3.01 0.00	60.96 3.23 0.00	47.90 2.41 0.00	43.32 2.01 0.00	52.04 2.04 0.00	54.29 2.01 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.21 -2.59 0.96	30.59 -2.96 0.00	27.21 -2.66 0.00	31.54 -2.85 0.00	27.75 -2.82 0.00	27.33 -2.55 0.00	31.25 -2.90 0.00	31.42 -3.11 0.04	31.37 -2.82 0.00	30.01 -2.39 0.38	33.00 -3.13 5.46	33.92 -3.20 2.62	32.10 -3.29 6.15	37.89 -3.37 2.45	36.92 -3.65 1.78	38.44 -3.65 0.04	37.15 -3.25 1.20	38.04 -3.99 5.35	36.98 -4.50 8.60	45.41 -4.58 7.74	35.85 -3.69 5.95	38.05 -3.22 0.04	46.43 -3.58 0.00	49.19 -3.08 0.00

BINGHAMTON___COGEN 23790	31.62 -0.72 0.42	32.80 -0.75 0.00	29.20 -0.66 0.00	33.73 -0.67 0.00	29.90 -0.67 0.00	29.23 -0.65 0.00	33.40 -0.76 0.00	33.82 -0.75 0.00	33.54 -0.66 0.00	32.23 -0.55 0.00	40.94 -0.65 0.00	39.05 -0.69 0.00	40.93 -0.61 0.00	43.03 -0.68 0.00	41.40 -0.90 0.05	41.25 -0.88 0.00	40.91 -0.69 0.00	46.63 -0.74 0.00	49.30 -0.77 0.00	56.98 -0.75 0.00	44.79 -0.69 0.00	40.64 -0.67 0.00	49.12 -0.89 0.00	51.44 -0.83 0.00
BIXINCNT_115KV_LOAD 355685	28.93 -2.77 1.06	30.66 -2.89 0.00	27.21 -2.66 0.00	31.28 -3.11 0.00	27.56 -3.01 0.00	27.03 -2.85 0.00	30.87 -3.29 0.00	31.06 -3.48 0.03	30.93 -3.27 0.00	29.83 -2.69 0.25	34.24 -3.69 3.66	34.14 -3.84 1.76	33.59 -3.82 4.13	38.12 -3.94 1.65	36.84 -4.26 1.25	37.90 -4.20 0.03	37.09 -3.70 0.81	39.67 -4.12 3.59	39.76 -4.55 5.76	47.83 -4.71 5.19	37.42 -4.08 3.99	37.88 -3.41 0.03	46.63 -3.38 0.00	49.50 -2.78 0.00
BLACK RIVER___HYD 24047	32.62 -0.13 0.00	33.28 -0.27 0.00	29.53 -0.34 0.00	34.03 -0.36 0.00	30.26 -0.31 0.00	29.66 -0.22 0.00	33.87 -0.28 0.00	34.31 -0.25 0.00	34.15 -0.05 0.00	33.12 0.35 0.00	41.63 0.04 0.00	39.04 -0.70 0.00	39.97 -1.57 0.00	42.93 -0.77 0.00	41.93 -0.43 0.00	41.85 -0.28 0.00	42.01 0.41 0.00	48.22 0.85 0.00	51.41 1.33 0.00	59.91 2.18 0.00	47.09 1.61 0.00	42.31 1.00 0.00	51.51 1.50 0.00	54.07 1.79 0.00
BLACKRVR_115KV_TB2 79977	32.62 -0.13 0.00	33.28 -0.27 0.00	29.53 -0.34 0.00	34.03 -0.37 0.00	30.26 -0.31 0.00	29.66 -0.22 0.00	33.87 -0.29 0.00	34.31 -0.25 0.00	34.15 -0.05 0.00	33.13 0.35 0.00	41.63 0.03 0.00	39.03 -0.71 0.00	39.98 -1.57 0.00	42.93 -0.78 0.00	41.93 -0.43 0.00	41.84 -0.29 0.00	42.01 0.41 0.00	48.22 0.84 0.00	51.41 1.33 0.00	59.90 2.17 0.00	47.10 1.61 0.00	42.31 1.00 0.00	51.51 1.50 0.00	54.07 1.80 0.00
BLISS_WT_PWR 323608	28.69 -3.01 1.06	30.47 -3.08 0.00	27.02 -2.85 0.00	30.98 -3.41 0.00	27.30 -3.27 0.00	26.76 -3.11 0.00	30.56 -3.59 0.00	30.76 -3.78 0.03	30.59 -3.60 0.00	29.54 -2.97 0.25	33.83 -4.09 3.67	33.71 -4.27 1.76	33.17 -4.25 4.13	37.69 -4.38 1.65	36.45 -4.65 1.25	37.53 -4.57 0.03	36.74 -4.06 0.81	39.35 -4.44 3.59	39.46 -4.86 5.76	47.44 -5.10 5.19	37.04 -4.46 3.99	37.59 -3.69 0.03	46.40 -3.61 0.00	49.30 -2.97 0.00
BLUESTONE___WT_PWR 323821	31.97 -1.27 -0.48	32.23 -1.32 0.00	28.76 -1.11 0.00	33.04 -1.36 0.00	29.28 -1.29 0.00	28.64 -1.24 0.00	32.74 -1.41 0.00	33.30 -1.27 0.00	33.90 -0.29 0.00	32.91 0.13 0.00	40.98 -0.61 0.00	38.44 -1.30 0.00	40.29 -1.26 0.00	42.29 -1.42 0.00	40.79 -1.62 -0.06	40.67 -1.46 0.00	40.24 -1.36 0.00	46.29 -1.08 0.00	49.02 -1.06 0.00	56.25 -1.48 0.00	44.20 -1.29 0.00	40.00 -1.31 0.00	48.31 -1.69 0.00	50.30 -1.97 0.00
BLUE_CIRC_CHEM_DRP 24182	33.60 0.84 0.00	34.51 0.95 0.00	30.74 0.87 0.00	35.37 0.98 0.00	31.44 0.87 0.00	30.69 0.81 0.00	35.17 1.01 0.00	35.56 1.00 0.00	35.04 0.85 0.00	33.42 0.65 0.00	42.72 1.13 0.00	41.00 1.26 0.00	42.94 1.39 0.00	45.18 1.47 0.00	43.84 1.49 0.00	43.60 1.47 0.00	42.95 1.35 0.00	49.03 1.65 0.00	51.85 1.77 0.00	59.62 1.89 0.00	46.98 1.50 0.00	42.61 1.30 0.00	51.58 1.57 0.00	53.84 1.56 0.00
BOC_GAS_DRP 24189	33.36 0.60 0.00	34.26 0.71 0.00	30.51 0.64 0.00	35.10 0.71 0.00	31.20 0.62 0.00	30.45 0.57 0.00	34.87 0.71 0.00	35.30 0.74 0.00	34.89 0.69 0.00	33.35 0.58 0.00	42.56 0.96 0.00	40.72 0.97 0.00	42.62 1.08 0.00	44.83 1.12 0.00	43.48 1.13 0.00	43.23 1.10 0.00	42.59 0.99 0.00	48.54 1.16 0.00	51.37 1.29 0.00	59.09 1.36 0.00	46.54 1.05 0.00	42.23 0.92 0.00	51.08 1.07 0.00	53.31 1.04 0.00
BOONVILLE_115KV_TB1 79983	33.02 0.26 0.00	33.77 0.22 0.00	30.00 0.14 0.00	34.57 0.18 0.00	30.74 0.17 0.00	30.12 0.24 0.00	34.42 0.27 0.00	34.84 0.28 0.00	34.61 0.42 0.00	33.50 0.73 0.00	42.43 0.84 0.00	40.18 0.44 0.00	41.77 0.22 0.00	44.30 0.59 0.00	42.78 0.43 0.00	42.59 0.46 0.00	42.37 0.77 0.00	48.42 1.04 0.00	51.41 1.34 0.00	59.46 1.74 0.00	46.77 1.29 0.00	42.19 0.88 0.00	51.17 1.17 0.00	53.56 1.29 0.00
BORALEX_4TH_BRANCH 23824	34.36 1.61 0.00	35.37 1.82 0.00	31.50 1.63 0.00	36.24 1.85 0.00	32.19 1.62 0.00	31.46 1.59 0.00	36.14 1.98 0.00	36.51 1.94 0.00	36.13 1.93 0.00	34.49 1.72 0.00	44.04 2.45 0.00	42.13 2.39 0.00	44.16 2.61 0.00	46.38 2.67 0.00	44.93 2.58 0.00	44.66 2.53 0.00	44.02 2.42 0.00	50.12 2.74 0.00	52.95 2.87 0.00	60.88 3.16 0.00	47.84 2.35 0.00	43.44 2.13 0.00	52.76 2.76 0.00	55.02 2.74 0.00
BOWLINE___1 23526	33.98 1.23 0.00	34.87 1.31 0.00	31.03 1.16 0.00	35.68 1.29 0.00	31.71 1.14 0.00	30.94 1.06 0.00	35.40 1.25 0.00	35.85 1.28 0.00	35.43 1.24 0.00	33.88 1.11 0.00	42.97 1.39 0.00	41.10 1.35 0.00	43.08 1.54 0.00	45.29 1.58 0.00	43.98 1.62 0.00	43.69 1.56 0.00	42.82 1.22 0.00	48.85 1.47 0.00	52.00 1.92 0.00	59.67 1.94 0.00	46.96 1.47 0.00	42.54 1.23 0.00	51.19 1.18 0.00	53.37 1.09 0.00
BOWLINE___2 23595	34.01 1.25 0.00	34.89 1.34 0.00	31.05 1.18 0.00	35.70 1.31 0.00	31.72 1.15 0.00	30.96 1.08 0.00	35.45 1.29 0.00	35.89 1.33 0.00	35.47 1.28 0.00	33.90 1.13 0.00	43.02 1.43 0.00	41.15 1.41 0.00	43.13 1.59 0.00	45.34 1.63 0.00	44.03 1.67 0.00	43.73 1.60 0.00	42.87 1.27 0.00	48.88 1.50 0.00	52.09 2.01 0.00	59.76 2.03 0.00	47.04 1.55 0.00	42.59 1.28 0.00	51.24 1.23 0.00	53.40 1.13 0.00
BRADY___115KV_TB2 356060	34.12 1.36 0.00	34.82 1.27 0.00	30.95 1.07 0.00	35.70 1.31 0.00	31.76 1.18 0.00	31.03 1.15 0.00	35.46 1.31 0.00	35.90 1.34 0.00	35.39 1.20 0.00	33.83 1.06 0.00	42.89 1.30 0.00	40.76 1.01 0.00	42.49 0.95 0.00	44.99 1.28 0.00	43.71 1.36 0.00	43.46 1.32 0.00	42.96 1.37 0.00	48.78 1.40 0.00	51.06 0.99 0.00	59.22 1.49 0.00	46.88 1.39 0.00	42.84 1.53 0.00	52.09 2.08 0.00	54.57 2.29 0.00
BRANSCOMB___SOLAR 323811	34.66 1.91 0.00	35.64 2.09 0.00	31.73 1.86 0.00	36.51 2.11 0.00	32.44 1.87 0.00	31.71 1.83 0.00	36.41 2.26 0.00	36.87 2.31 0.00	36.39 2.19 0.00	34.74 1.96 0.00	44.28 2.69 0.00	42.52 2.78 0.00	44.61 3.07 0.00	46.86 3.15 0.00	45.33 2.98 0.00	45.03 2.90 0.00	44.48 2.88 0.00	50.93 3.55 0.00	53.93 3.86 0.00	62.05 4.32 0.00	48.77 3.29 0.00	44.27 2.96 0.00	53.64 3.64 0.00	55.97 3.70 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	37.60 2.29 -2.55	36.03 2.48 0.00	32.03 2.17 0.00	36.87 2.48 0.00	32.76 2.19 0.00	31.96 2.08 0.00	36.63 2.47 0.00	37.08 2.52 0.00	36.79 2.60 0.00	34.94 2.17 0.00	44.53 2.94 0.00	42.71 2.97 0.00	44.45 2.91 0.00	46.39 2.68 0.00	49.17 3.03 -3.79	91.21 3.31 -45.76	44.33 2.73 0.00	50.78 3.40 0.00	54.07 4.00 0.00	62.11 4.39 0.00	48.78 3.29 0.00	44.09 2.78 0.00	52.94 2.93 0.00	55.20 2.93 0.00

BRISTLHL_115KV_TB1 79998	32.20 -0.56 0.00	32.93 -0.62 0.00	29.32 -0.55 0.00	33.74 -0.65 0.00	29.95 -0.62 0.00	29.33 -0.54 0.00	33.46 -0.69 0.00	33.89 -0.67 0.00	33.67 -0.52 0.00	32.45 -0.32 0.00	41.13 -0.46 0.00	39.19 -0.55 0.00	40.92 -0.63 0.00	43.09 -0.62 0.00	41.74 -0.61 0.00	41.63 -0.50 0.00	41.31 -0.29 0.00	47.05 -0.33 0.00	49.79 -0.29 0.00	57.49 -0.23 0.00	45.21 -0.28 0.00	40.97 -0.34 0.00	49.55 -0.46 0.00	51.84 -0.43 0.00
BROOKHAVEN___DRP 24191	37.29 1.98 -2.55	35.86 2.31 0.00	31.89 2.03 0.00	36.70 2.31 0.00	32.61 2.04 0.00	31.78 1.90 0.00	36.42 2.27 0.00	36.89 2.32 0.00	36.62 2.42 0.00	34.75 1.98 0.00	44.12 2.53 0.00	42.46 2.72 0.00	44.20 2.66 0.00	45.99 2.28 0.00	48.79 2.64 -3.79	90.82 2.93 -45.76	43.92 2.32 0.00	50.54 3.16 0.00	53.87 3.79 0.00	61.87 4.15 0.00	48.58 3.10 0.00	43.90 2.59 0.00	52.70 2.70 0.00	54.94 2.66 0.00
BROOKLYN_NAVY_YARD 23515	34.36 1.60 0.00	35.17 1.62 0.00	31.27 1.41 0.00	36.00 1.61 0.00	32.02 1.45 0.00	31.26 1.38 0.00	35.72 1.57 0.00	36.20 1.64 0.00	35.81 1.62 0.00	34.22 1.45 0.00	43.48 1.89 0.00	41.61 1.87 0.00	43.54 2.00 0.00	45.75 2.04 0.00	44.46 2.11 0.00	44.14 2.01 0.00	43.26 1.66 0.00	49.33 1.95 0.00	52.40 2.32 0.00	60.07 2.34 0.00	47.27 1.78 0.00	42.84 1.53 0.00	51.59 1.58 0.00	53.71 1.44 0.00
BROOKLYN___ARMY_DRP 323595	59.87 1.91 -25.20	55.87 1.98 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.87 1.98 -19.73	55.86 2.05 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.41 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.23 2.60 -12.92	65.42 2.70 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.85 2.64 -15.83	61.42 3.03 -8.31	61.61 3.08 -0.80	60.62 2.46 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
BROOKVLE_69_KV_TB1 55790	37.40 2.09 -2.55	35.76 2.21 0.00	31.80 1.93 0.00	36.58 2.18 0.00	32.50 1.92 0.00	31.71 1.84 0.00	36.35 2.19 0.00	36.80 2.23 0.00	36.48 2.28 0.00	34.69 1.92 0.00	44.25 2.66 0.00	42.33 2.59 0.00	44.14 2.60 0.00	46.28 2.57 0.00	49.02 2.88 -3.79	90.82 2.93 -45.76	44.03 2.43 0.00	50.22 2.85 0.00	53.44 3.36 0.00	61.35 3.62 0.00	48.22 2.73 0.00	43.64 2.33 0.00	52.43 2.42 0.00	54.67 2.39 0.00
BROOME_2_LFGE 323671	31.62 -0.72 0.42	32.80 -0.75 0.00	29.20 -0.66 0.00	33.73 -0.67 0.00	29.90 -0.68 0.00	29.23 -0.65 0.00	33.40 -0.76 0.00	33.82 -0.75 0.00	33.54 -0.66 0.00	32.23 -0.55 0.00	40.94 -0.65 0.00	39.05 -0.69 0.00	40.92 -0.62 0.00	43.03 -0.68 0.00	41.40 -0.89 0.05	41.25 -0.88 0.00	40.91 -0.69 0.00	46.63 -0.74 0.00	49.30 -0.78 0.00	56.98 -0.75 0.00	44.79 -0.69 0.00	40.63 -0.68 0.00	49.12 -0.89 0.00	51.44 -0.83 0.00
BROOME___LFGE 323600	31.62 -0.72 0.42	32.80 -0.75 0.00	29.20 -0.66 0.00	33.73 -0.67 0.00	29.90 -0.68 0.00	29.23 -0.65 0.00	33.40 -0.76 0.00	33.82 -0.75 0.00	33.54 -0.66 0.00	32.23 -0.55 0.00	40.94 -0.65 0.00	39.05 -0.69 0.00	40.92 -0.62 0.00	43.03 -0.68 0.00	41.40 -0.89 0.05	41.25 -0.88 0.00	40.91 -0.69 0.00	46.63 -0.74 0.00	49.30 -0.78 0.00	56.98 -0.75 0.00	44.79 -0.69 0.00	40.63 -0.68 0.00	49.12 -0.89 0.00	51.44 -0.83 0.00
BROWNFLS_115KV_TB 3_5 80003	33.03 0.28 0.00	33.71 0.16 0.00	29.91 0.05 0.00	34.50 0.11 0.00	30.69 0.12 0.00	30.01 0.14 0.00	34.22 0.06 0.00	34.66 0.10 0.00	34.37 0.17 0.00	33.20 0.43 0.00	42.03 0.44 0.00	39.72 -0.02 0.00	41.08 -0.46 0.00	43.78 0.07 0.00	42.47 0.12 0.00	42.26 0.13 0.00	41.98 0.38 0.00	47.78 0.41 0.00	50.37 0.30 0.00	58.59 0.86 0.00	46.23 0.75 0.00	41.90 0.59 0.00	51.13 1.12 0.00	53.67 1.39 0.00
BROWNSV1_27_KV_LOAD 356125	34.66 1.91 0.00	35.50 1.94 0.00	31.57 1.70 0.00	36.28 1.89 0.00	32.24 1.67 0.00	31.47 1.60 0.00	36.05 1.90 0.00	36.53 1.96 0.00	36.14 1.95 0.00	34.55 1.78 0.00	43.90 2.31 0.00	42.02 2.28 0.00	43.98 2.44 0.00	46.24 2.53 0.00	44.92 2.57 0.00	44.62 2.49 0.00	43.74 2.14 0.00	49.88 2.50 0.00	52.99 2.91 0.00	60.78 3.05 0.00	47.85 2.37 0.00	43.37 2.05 0.00	52.22 2.21 0.00	54.39 2.12 0.00
BURROWS___LYONSDAL 23803	32.82 0.07 0.00	33.56 0.01 0.00	29.80 -0.07 0.00	34.33 -0.06 0.00	30.54 -0.03 0.00	29.92 0.05 0.00	34.20 0.04 0.00	34.62 0.06 0.00	34.44 0.24 0.00	33.41 0.64 0.00	42.28 0.69 0.00	39.89 0.15 0.00	41.36 -0.19 0.00	44.00 0.29 0.00	42.47 0.11 0.00	42.29 0.16 0.00	42.13 0.53 0.00	48.17 0.79 0.00	51.22 1.14 0.00	59.35 1.62 0.00	46.67 1.18 0.00	42.02 0.71 0.00	51.04 1.03 0.00	53.47 1.19 0.00
CAITHNESS_CC_1 323624	37.27 1.96 -2.55	35.80 2.25 0.00	31.85 1.99 0.00	36.64 2.25 0.00	32.56 1.99 0.00	31.74 1.86 0.00	36.37 2.21 0.00	36.84 2.27 0.00	36.55 2.36 0.00	34.71 1.94 0.00	44.09 2.50 0.00	42.39 2.65 0.00	44.16 2.61 0.00	45.97 2.26 0.00	48.76 2.62 -3.79	90.78 2.89 -45.76	43.91 2.31 0.00	50.43 3.05 0.00	53.75 3.67 0.00	61.74 4.01 0.00	48.48 2.99 0.00	43.81 2.50 0.00	52.60 2.59 0.00	54.83 2.56 0.00
CALPINE BETH_PAGE_GT4 24209	37.28 1.97 -2.55	35.66 2.11 0.00	31.70 1.83 0.00	36.46 2.07 0.00	32.41 1.84 0.00	31.62 1.74 0.00	36.23 2.08 0.00	36.63 2.07 0.00	36.33 2.14 0.00	34.52 1.75 0.00	44.04 2.45 0.00	42.15 2.41 0.00	43.92 2.38 0.00	45.95 2.24 0.00	48.70 2.56 -3.79	90.54 2.65 -45.76	43.57 1.96 0.00	49.82 2.45 0.00	53.01 2.93 0.00	60.86 3.13 0.00	47.82 2.34 0.00	43.26 1.95 0.00	51.98 1.97 0.00	54.18 1.91 0.00
CALPINE_BETH_PAGE_GT_4 323586	37.28 1.97 -2.55	35.66 2.11 0.00	31.70 1.83 0.00	36.46 2.07 0.00	32.40 1.83 0.00	31.62 1.74 0.00	36.23 2.08 0.00	36.63 2.07 0.00	36.32 2.13 0.00	34.52 1.75 0.00	44.03 2.44 0.00	42.15 2.41 0.00	43.92 2.38 0.00	45.95 2.24 0.00	48.70 2.57 -3.79	90.54 2.65 -45.76	43.56 1.97 0.00	49.82 2.44 0.00	53.01 2.93 0.00	60.86 3.13 0.00	47.82 2.34 0.00	43.26 1.95 0.00	51.98 1.97 0.00	54.18 1.91 0.00
CALPINE_BP_GT1 23823	37.28 1.97 -2.55	35.66 2.11 0.00	31.70 1.83 0.00	36.46 2.07 0.00	32.40 1.83 0.00	31.62 1.74 0.00	36.23 2.08 0.00	36.63 2.07 0.00	36.32 2.13 0.00	34.52 1.75 0.00	44.03 2.44 0.00	42.15 2.41 0.00	43.92 2.38 0.00	45.95 2.24 0.00	48.70 2.57 -3.79	90.54 2.65 -45.76	43.56 1.97 0.00	49.82 2.44 0.00	53.01 2.93 0.00	60.86 3.13 0.00	47.82 2.34 0.00	43.26 1.95 0.00	51.98 1.97 0.00	54.18 1.91 0.00
CALSPAN___DRP 24200	29.07 -2.74 0.94	30.42 -3.13 0.00	27.06 -2.81 0.00	31.39 -3.00 0.00	27.61 -2.96 0.00	27.20 -2.68 0.00	31.10 -3.05 0.00	31.26 -3.26 0.04	31.21 -2.98 0.00	29.83 -2.54 0.40	32.44 -3.35 5.79	33.56 -3.40 2.78	31.51 -3.51 6.53	37.53 -3.58 2.60	36.62 -3.86 1.88	38.25 -3.84 0.04	36.87 -3.46 1.27	37.45 -4.25 5.68	36.17 -4.79 9.12	44.61 -4.91 8.21	35.23 -3.95 6.31	37.84 -3.43 0.04	46.16 -3.84 0.00	48.93 -3.34 0.00

CALVERTON___SOLAR 323806	37.31 2.00 -2.55	35.89 2.34 0.00	31.92 2.05 0.00	36.74 2.34 0.00	32.64 2.07 0.00	31.81 1.93 0.00	36.46 2.31 0.00	36.92 2.35 0.00	36.65 2.46 0.00	34.77 2.00 0.00	44.13 2.54 0.00	42.48 2.74 0.00	44.23 2.69 0.00	45.97 2.27 0.00	48.78 2.64 -3.79	90.84 2.95 -45.76	43.93 2.33 0.00	50.60 3.22 0.00	53.96 3.89 0.00	61.99 4.26 0.00	48.66 3.18 0.00	43.97 2.66 0.00	52.79 2.79 0.00	55.00 2.73 0.00
CANDIGU_WT_PWR 323617	28.21 -2.93 1.63	30.51 -3.05 0.00	27.13 -2.74 0.00	31.56 -2.83 0.00	27.81 -2.77 0.00	27.17 -2.71 0.00	31.13 -3.03 0.00	31.10 -3.22 0.24	31.08 -3.11 0.00	27.73 -2.79 2.26	5.21 -3.63 32.75	20.33 -3.70 15.71	0.86 -3.77 36.91	24.95 -4.04 14.71	27.91 -4.29 10.15	37.71 -4.18 0.24	30.71 -3.69 7.20	11.05 -4.04 32.28	-6.00 -4.23 51.85	6.35 -4.68 46.69	5.73 -3.86 35.89	37.65 -3.43 0.23	45.96 -4.05 0.00	48.66 -3.62 0.00
CARR STREET_E_SYR 24060	31.89 -0.87 0.00	32.63 -0.92 0.00	29.07 -0.81 0.00	33.44 -0.95 0.00	29.71 -0.86 0.00	29.08 -0.80 0.00	33.17 -0.98 0.00	33.57 -0.99 0.00	33.31 -0.89 0.00	32.02 -0.75 0.00	40.59 -1.00 0.00	38.74 -1.00 0.00	40.52 -1.03 0.00	42.66 -1.05 0.00	41.27 -1.09 0.00	41.11 -1.02 0.00	40.69 -0.91 0.00	46.23 -1.15 0.00	48.86 -1.22 0.00	56.36 -1.36 0.00	44.35 -1.14 0.00	40.24 -1.07 0.00	48.67 -1.34 0.00	50.91 -1.37 0.00
CARTHAGE___PAPER 23857	32.90 0.14 0.00	33.56 0.01 0.00	29.76 -0.11 0.00	34.31 -0.08 0.00	30.52 -0.06 0.00	29.90 0.03 0.00	34.16 0.01 0.00	34.61 0.05 0.00	34.43 0.24 0.00	33.43 0.66 0.00	42.08 0.48 0.00	39.48 -0.26 0.00	40.51 -1.04 0.00	43.48 -0.23 0.00	42.30 -0.05 0.00	42.18 0.05 0.00	42.24 0.64 0.00	48.43 1.05 0.00	51.54 1.47 0.00	60.02 2.29 0.00	47.22 1.73 0.00	42.44 1.13 0.00	51.72 1.71 0.00	54.28 2.01 0.00
CASSADAGA_WT_PWR 323784	28.91 -2.80 1.05	30.59 -2.96 0.00	27.24 -2.63 0.00	31.60 -2.79 0.00	27.82 -2.75 0.00	27.42 -2.45 0.00	31.35 -2.80 0.00	31.77 -2.76 0.03	31.52 -2.67 0.00	30.18 -2.30 0.29	34.44 -2.99 4.17	34.68 -3.06 2.00	33.90 -2.95 4.69	38.79 -3.05 1.87	37.52 -3.43 1.40	38.83 -3.27 0.03	37.84 -2.84 0.92	39.96 -3.33 4.09	39.78 -3.74 6.56	48.08 -3.74 5.91	38.09 -2.85 4.54	38.93 -2.35 0.03	47.36 -2.65 0.00	50.08 -2.19 0.00
CE_DUNWOOD___DRP 24194	34.21 1.45 0.00	35.07 1.52 0.00	31.20 1.33 0.00	35.88 1.49 0.00	31.87 1.30 0.00	31.12 1.24 0.00	35.64 1.48 0.00	36.11 1.55 0.00	35.71 1.52 0.00	34.12 1.35 0.00	43.37 1.78 0.00	41.50 1.76 0.00	43.46 1.91 0.00	45.68 1.97 0.00	44.39 2.03 0.00	44.10 1.97 0.00	43.25 1.65 0.00	49.34 1.96 0.00	52.44 2.36 0.00	60.16 2.43 0.00	47.34 1.85 0.00	42.90 1.59 0.00	51.66 1.65 0.00	53.86 1.58 0.00
CE_MILLWOOD___DRP 24193	34.14 1.39 0.00	35.01 1.45 0.00	31.15 1.28 0.00	35.82 1.42 0.00	31.83 1.25 0.00	31.07 1.19 0.00	35.58 1.42 0.00	36.04 1.48 0.00	35.64 1.45 0.00	34.06 1.28 0.00	43.28 1.69 0.00	41.40 1.66 0.00	43.37 1.83 0.00	45.59 1.88 0.00	44.29 1.94 0.00	44.00 1.87 0.00	43.17 1.57 0.00	49.25 1.87 0.00	52.34 2.26 0.00	60.07 2.34 0.00	47.27 1.78 0.00	42.83 1.52 0.00	51.59 1.58 0.00	53.78 1.51 0.00
CE_NYC2_DRP 24202	34.96 1.74 -0.46	35.57 1.78 -0.23	32.51 1.56 -1.08	36.21 1.73 -0.09	33.22 1.53 -1.12	32.42 1.47 -1.07	35.98 1.74 -0.09	36.48 1.81 -0.10	36.56 1.83 -0.53	34.42 1.64 0.00	43.76 2.16 -0.01	41.83 2.09 0.00	43.80 2.26 0.00	46.03 2.32 0.00	44.79 2.44 -0.01	44.47 2.34 0.00	43.61 2.00 -0.01	49.68 2.30 0.00	52.75 2.67 0.00	60.45 2.72 0.00	47.62 2.14 0.00	43.15 1.84 0.00	51.90 1.89 0.00	54.08 1.80 0.00
CE_NYC_DRP 24195	34.40 1.65 0.00	35.24 1.69 0.00	31.35 1.48 0.00	36.04 1.65 0.00	32.02 1.45 0.00	31.25 1.37 0.00	35.78 1.63 0.00	36.25 1.69 0.00	35.85 1.66 0.00	34.27 1.49 0.00	43.54 1.95 0.00	41.68 1.94 0.00	43.68 2.13 0.00	45.91 2.20 0.00	44.58 2.23 0.00	44.28 2.15 0.00	43.36 1.76 0.00	49.43 2.05 0.00	52.51 2.43 0.00	60.21 2.48 0.00	47.40 1.91 0.00	42.95 1.64 0.00	51.72 1.71 0.00	53.88 1.61 0.00
CHAFFEE___LFGE 323603	29.29 -2.46 1.00	30.70 -2.85 0.00	27.30 -2.57 0.00	31.68 -2.71 0.00	27.87 -2.70 0.00	27.46 -2.42 0.00	31.42 -2.74 0.00	31.61 -2.92 0.03	31.55 -2.64 0.00	30.22 -2.22 0.33	33.96 -2.91 4.72	34.51 -2.97 2.26	33.17 -3.05 5.32	38.49 -3.10 2.12	37.35 -3.44 1.56	38.66 -3.43 0.04	37.53 -3.03 1.04	39.06 -3.69 4.62	38.50 -4.15 7.43	46.84 -4.20 6.68	36.94 -3.41 5.14	38.25 -3.02 0.03	46.63 -3.38 0.00	49.39 -2.89 0.00
CHATEAUG_35_KV_LOAD 355732	32.94 0.18 0.00	33.51 -0.04 0.00	29.79 -0.08 0.00	34.30 -0.09 0.00	30.56 -0.01 0.00	29.96 0.08 0.00	34.33 0.17 0.00	34.89 0.32 0.00	34.41 0.21 0.00	32.83 0.05 0.00	41.25 -0.34 0.00	43.18 -0.44 -3.88	44.60 -0.54 -3.59	47.45 -0.41 -4.15	46.46 -0.35 -4.46	46.17 -0.39 -4.43	44.79 -0.38 -3.58	50.83 -0.52 -3.98	54.61 -0.88 -5.41	62.95 -0.77 -5.99	45.63 -0.33 -0.47	41.18 -0.13 0.00	50.49 -0.07 -0.55	56.61 -0.09 -4.42
CHATEAUG_WT_PWR 323614	32.80 0.05 0.00	33.34 -0.21 0.00	29.64 -0.23 0.00	34.11 -0.28 0.00	30.42 -0.15 0.00	29.81 -0.07 0.00	34.17 0.01 0.00	34.74 0.17 0.00	34.29 0.10 0.00	32.70 -0.08 0.00	41.11 -0.48 41.67	-2.53 -0.60 38.61	2.23 -0.71 44.61	-1.52 -0.62 44.61	-6.11 -0.54 47.92	-6.03 -0.62 47.55	2.54 -0.62 38.44	3.82 -0.82 42.73	-9.29 -1.18 58.18	-7.87 -1.19 64.41	39.81 -0.63 5.04	40.92 -0.39 0.00	43.66 -0.40 5.95	4.25 -0.47 47.55
CHAT_HIGH_FALL_HYD 323578	32.94 0.18 0.00	33.51 -0.04 0.00	29.79 -0.08 0.00	34.30 -0.09 0.00	30.56 -0.01 0.00	29.96 0.08 0.00	34.33 0.17 0.00	34.89 0.32 0.00	34.41 0.21 0.00	32.83 0.05 0.00	41.25 -0.34 0.00	43.18 -0.44 -3.88	44.60 -0.54 -3.59	47.45 -0.41 -4.15	46.46 -0.35 -4.46	46.17 -0.39 -4.43	44.79 -0.38 -3.58	50.83 -0.52 -3.98	54.61 -0.88 -5.41	62.95 -0.77 -5.99	45.63 -0.33 -0.47	41.18 -0.13 0.00	50.49 -0.07 -0.55	56.61 -0.09 -4.42
CHAUTAUQUA___LFGE 323629	28.88 -2.88 1.00	30.44 -3.11 0.00	27.06 -2.80 0.00	31.43 -2.97 0.00	27.66 -2.91 0.00	27.24 -2.64 0.00	31.15 -3.00 0.00	31.51 -3.02 0.04	31.29 -2.90 0.00	29.89 -2.52 0.35	33.17 -3.28 5.14	33.91 -3.36 2.47	32.39 -3.36 5.80	37.99 -3.41 2.31	36.85 -3.81 1.69	38.42 -3.66 0.04	37.26 -3.21 1.13	38.47 -3.86 5.05	37.64 -4.33 8.11	46.02 -4.41 7.30	36.39 -3.48 5.61	38.31 -2.97 0.04	46.62 -3.39 0.00	49.30 -2.97 0.00
CHERRYST_13_KV_LD 356241	34.49 1.74 0.00	35.33 1.78 0.00	31.42 1.55 0.00	36.11 1.72 0.00	32.10 1.52 0.00	31.32 1.44 0.00	35.87 1.72 0.00	36.34 1.78 0.00	35.94 1.74 0.00	34.35 1.58 0.00	43.65 2.06 0.00	41.79 2.05 0.00	43.79 2.25 0.00	46.04 2.33 0.00	44.67 2.32 0.00	44.40 2.27 0.00	43.49 1.89 0.00	49.57 2.19 0.00	52.66 2.58 0.00	60.36 2.63 0.00	47.52 2.03 0.00	43.07 1.76 0.00	51.87 1.86 0.00	54.02 1.75 0.00

CHESTROR_138KV_BK263 355645	33.87 1.11 0.00	34.73 1.18 0.00	30.91 1.04 0.00	35.56 1.17 0.00	31.60 1.02 0.00	30.84 0.96 0.00	35.31 1.16 0.00	35.76 1.19 0.00	35.33 1.14 0.00	33.75 0.98 0.00	42.84 1.25 0.00	40.97 1.22 0.00	42.96 1.42 0.00	45.20 1.49 0.00	43.85 1.50 0.00	43.60 1.47 0.00	42.83 1.23 0.00	48.87 1.49 0.00	51.95 1.88 0.00	59.67 1.94 0.00	46.96 1.47 0.00	42.58 1.27 0.00	51.27 1.26 0.00	53.48 1.21 0.00
CH_MIDHUDSON___DRP 24192	34.17 1.42 0.00	35.04 1.49 0.00	31.18 1.31 0.00	35.85 1.46 0.00	31.85 1.28 0.00	31.11 1.23 0.00	35.63 1.47 0.00	36.14 1.58 0.00	35.73 1.54 0.00	34.13 1.35 0.00	43.40 1.81 0.00	41.53 1.79 0.00	43.54 2.00 0.00	45.79 2.09 0.00	44.48 2.13 0.00	44.19 2.06 0.00	43.43 1.83 0.00	49.56 2.18 0.00	52.61 2.53 0.00	60.42 2.69 0.00	47.54 2.05 0.00	43.10 1.79 0.00	51.96 1.95 0.00	54.22 1.95 0.00
CH_MISC_IPPS 23765	34.34 1.58 0.00	35.20 1.65 0.00	31.31 1.45 0.00	36.01 1.62 0.00	32.00 1.43 0.00	31.25 1.37 0.00	35.80 1.64 0.00	36.29 1.72 0.00	35.87 1.68 0.00	34.25 1.48 0.00	43.51 1.91 0.00	41.62 1.88 0.00	43.66 2.12 0.00	45.96 2.25 0.00	44.60 2.25 0.00	44.31 2.18 0.00	43.56 1.96 0.00	49.75 2.38 0.00	52.86 2.78 0.00	60.72 3.00 0.00	47.78 2.29 0.00	43.31 2.00 0.00	52.18 2.18 0.00	54.44 2.16 0.00
CH_RES_BVR_FALLS 23983	32.51 -0.24 0.00	33.21 -0.34 0.00	29.56 -0.31 0.00	34.08 -0.31 0.00	30.40 -0.17 0.00	29.72 -0.16 0.00	33.96 -0.20 0.00	34.35 -0.21 0.00	33.95 -0.25 0.00	32.57 -0.20 0.00	41.27 -0.33 0.00	39.36 -0.37 0.00	41.02 -0.53 0.00	43.22 -0.49 0.00	41.89 -0.47 0.00	41.64 -0.49 0.00	41.17 -0.44 0.00	46.90 -0.47 0.00	49.68 -0.40 0.00	57.38 -0.35 0.00	45.34 -0.15 0.00	41.11 -0.20 0.00	50.01 0.00 0.00	52.41 0.13 0.00
CH_RES_NIAGARA 23895	28.18 -3.77 0.81	29.29 -4.26 0.00	26.06 -3.81 0.00	30.22 -4.17 0.00	26.58 -4.00 0.00	26.20 -3.69 0.00	29.95 -4.21 0.00	30.07 -4.46 0.03	30.07 -4.13 0.00	28.81 -3.65 0.31	32.28 -4.84 4.47	32.86 -4.74 2.15	31.50 -4.99 5.04	36.59 -5.11 2.01	35.67 -5.22 1.47	36.85 -5.25 0.03	35.68 -4.93 0.98	36.92 -6.04 4.41	36.29 -6.70 7.08	44.25 -7.10 6.38	34.91 -5.67 4.90	36.19 -5.09 0.03	44.23 -5.78 0.00	46.94 -5.33 0.00
CH_RES_SYRACUSE 23985	32.20 -0.56 0.00	32.94 -0.61 0.00	29.33 -0.53 0.00	33.78 -0.62 0.00	30.01 -0.56 0.00	29.37 -0.50 0.00	33.52 -0.63 0.00	33.95 -0.62 0.00	33.68 -0.52 0.00	32.36 -0.41 0.00	41.04 -0.55 0.00	39.14 -0.60 0.00	40.92 -0.62 0.00	43.08 -0.63 0.00	41.66 -0.70 0.00	41.51 -0.62 0.00	41.16 -0.44 0.00	46.88 -0.50 0.00	49.56 -0.52 0.00	57.19 -0.53 0.00	44.99 -0.50 0.00	40.82 -0.49 0.00	49.36 -0.65 0.00	51.63 -0.64 0.00
CLINTON_WT_PWR 323605	32.80 0.05 0.00	33.34 -0.21 0.00	29.64 -0.23 0.00	34.11 -0.28 0.00	30.42 -0.15 0.00	29.81 -0.07 0.00	34.17 0.01 0.00	34.74 0.17 0.00	34.29 0.10 0.00	32.70 -0.08 0.00	41.11 -0.48 0.00	-2.53 -0.60 41.67	2.23 -0.71 38.61	-1.52 -0.62 44.61	-6.11 -0.54 47.92	-6.03 -0.62 47.55	2.54 -0.62 38.44	3.82 -0.82 42.73	-9.29 -1.18 58.18	-7.87 -1.19 64.41	39.81 -0.63 5.04	40.92 -0.39 0.00	43.66 -0.40 5.95	4.25 -0.47 47.55
CLINTON___LFGE 323618	33.16 0.41 0.00	33.69 0.14 0.00	29.96 0.09 0.00	34.32 -0.08 0.00	30.59 0.02 0.00	30.03 0.16 0.00	34.45 0.29 0.00	35.15 0.59 0.00	34.66 0.46 0.00	33.02 0.25 0.00	41.32 -0.27 0.00	66.92 -0.54 -27.71	66.51 -0.72 -25.68	72.72 -0.65 -29.67	73.63 -0.60 -31.87	73.15 -0.60 -31.62	66.61 -0.56 -25.56	75.04 -0.75 -28.42	87.74 -1.03 -38.69	99.61 -0.95 -42.84	48.37 -0.47 -3.35	41.17 -0.14 0.00	53.74 -0.23 -3.96	83.51 -0.39 -31.62
COBBLENY_34_KV_TB1 80064	29.29 -2.46 1.00	30.70 -2.85 0.00	27.30 -2.57 0.00	31.69 -2.71 0.00	27.87 -2.70 0.00	27.46 -2.42 0.00	31.41 -2.74 0.00	31.62 -2.91 0.03	31.55 -2.64 0.00	30.22 -2.23 0.33	33.94 -2.94 4.72	34.50 -2.98 2.26	33.16 -3.06 5.32	38.48 -3.11 2.12	37.34 -3.45 1.56	38.65 -3.44 0.04	37.53 -3.04 1.04	39.02 -3.73 4.62	38.44 -4.21 7.43	46.80 -4.25 6.68	36.92 -3.43 5.14	38.26 -3.02 0.03	46.63 -3.38 0.00	49.39 -2.89 0.00
COFFEEN___115KV_TB3 355620	32.86 0.11 0.00	33.52 -0.03 0.00	29.74 -0.13 0.00	34.27 -0.12 0.00	30.47 -0.10 0.00	29.86 -0.02 0.00	34.12 -0.04 0.00	34.58 0.01 0.00	34.40 0.20 0.00	33.37 0.60 0.00	41.86 0.27 0.00	39.21 -0.53 0.00	40.11 -1.44 0.00	43.10 -0.61 0.00	42.18 -0.17 0.00	42.11 -0.02 0.00	42.36 0.76 0.00	48.67 1.29 0.00	51.89 1.81 0.00	60.46 2.72 0.00	47.51 2.02 0.00	42.70 1.39 0.00	51.92 1.91 0.00	54.48 2.21 0.00
COLDSPRG_115KV_BK1 355956	29.90 -1.74 1.12	31.62 -1.93 0.00	28.13 -1.74 0.00	32.69 -1.71 0.00	28.78 -1.79 0.00	28.33 -1.55 0.00	32.36 -1.79 0.00	32.70 -1.85 0.02	32.52 -1.67 0.00	31.30 -1.29 0.18	37.37 -1.60 2.62	36.77 -1.72 1.26	37.00 -1.59 2.95	40.86 -1.68 1.18	39.19 -2.22 0.94	39.90 -2.21 0.02	39.29 -1.73 0.58	42.84 -1.98 2.56	43.74 -2.22 4.12	52.03 -1.99 3.70	40.98 -1.66 2.84	39.85 -1.45 0.02	48.43 -1.57 0.00	51.23 -1.05 0.00
COLONIE_LFGE___ 323577	33.93 1.17 0.00	34.88 1.33 0.00	31.07 1.20 0.00	35.74 1.35 0.00	31.76 1.19 0.00	31.03 1.15 0.00	35.60 1.44 0.00	36.02 1.45 0.00	35.59 1.40 0.00	34.00 1.23 0.00	43.38 1.79 0.00	41.55 1.81 0.00	43.54 2.00 0.00	45.75 2.04 0.00	44.34 1.99 0.00	44.08 1.95 0.00	43.46 1.86 0.00	49.60 2.23 0.00	52.47 2.40 0.00	60.35 2.62 0.00	47.46 1.98 0.00	43.07 1.76 0.00	52.19 2.18 0.00	54.44 2.17 0.00
COOPERNY_115KV_TB1 80082	33.50 0.74 0.00	34.36 0.80 0.00	30.58 0.71 0.00	35.18 0.79 0.00	31.26 0.69 0.00	30.52 0.64 0.00	34.92 0.77 0.00	35.37 0.80 0.00	34.96 0.76 0.00	33.43 0.66 0.00	42.46 0.87 0.00	40.58 0.84 0.00	42.52 0.98 0.00	44.71 1.00 0.00	43.37 1.02 0.00	43.12 0.99 0.00	42.41 0.81 0.00	48.37 0.99 0.00	51.35 1.27 0.00	59.04 1.31 0.00	46.48 1.00 0.00	42.17 0.86 0.00	50.84 0.82 0.00	53.07 0.79 0.00
COPENHAGEN_WT_PWR 323753	32.15 -0.61 0.00	32.81 -0.74 0.00	29.11 -0.76 0.00	33.54 -0.85 0.00	29.83 -0.74 0.00	29.24 -0.63 0.00	33.39 -0.77 0.00	33.82 -0.75 0.00	33.65 -0.55 0.00	32.62 -0.16 0.00	41.02 -0.57 0.00	38.52 -1.22 0.00	39.49 -2.05 0.00	42.36 -1.35 0.00	41.34 -1.02 0.00	41.26 -0.87 0.00	41.39 -0.21 0.00	47.49 0.12 0.00	50.67 0.59 0.00	59.13 1.41 0.00	46.50 1.01 0.00	41.74 0.43 0.00	50.87 0.86 0.00	53.45 1.18 0.00
CORNELL_____ 23752	36.81 -0.23 -4.28	33.27 -0.28 0.00	29.61 -0.26 0.00	34.16 -0.24 0.00	30.32 -0.25 0.00	29.68 -0.20 0.00	33.94 -0.21 0.00	34.42 -0.16 -0.01	34.16 -0.04 0.00	32.95 0.04 -0.14	43.57 0.01 -1.97	40.60 -0.09 -0.95	43.66 -0.10 -2.22	44.44 -0.15 -0.88	43.15 -0.36 -1.16	41.92 -0.23 -0.02	42.09 0.05 -0.43	49.56 0.24 -1.94	53.51 0.31 -3.12	61.00 0.46 -2.81	47.91 0.27 -2.16	41.51 0.19 -0.01	50.15 0.14 0.00	52.45 0.18 0.00

CORONA__69_KV_TB1 355595	37.29 1.98 -2.55	35.64 2.09 0.00	31.70 1.83 0.00	36.44 2.05 0.00	32.39 1.82 0.00	31.60 1.72 0.00	36.21 2.06 0.00	36.65 2.08 0.00	36.32 2.12 0.00	34.57 1.80 0.00	44.09 2.50 0.00	42.21 2.47 0.00	44.02 2.47 0.00	46.16 2.45 0.00	48.92 2.78 -3.79	90.69 2.80 -45.76	43.92 2.32 0.00	50.22 2.85 0.00	53.36 3.28 0.00	61.23 3.50 0.00	48.13 2.65 0.00	43.56 2.25 0.00	52.35 2.34 0.00	54.58 2.30 0.00
CORTLAND__115KV_TB3 80093	33.57 -0.35 -1.16	33.17 -0.38 0.00	29.52 -0.34 0.00	34.04 -0.35 0.00	30.23 -0.34 0.00	29.58 -0.30 0.00	33.80 -0.35 0.00	34.24 -0.32 0.00	33.97 -0.23 0.00	32.65 -0.12 0.00	41.43 -0.16 0.00	39.51 -0.23 0.00	41.33 -0.21 0.00	43.48 -0.23 0.00	42.12 -0.38 -0.15	41.82 -0.31 0.00	41.49 -0.11 0.00	47.31 -0.07 0.00	50.06 -0.02 0.00	57.78 0.05 0.00	45.43 -0.06 0.00	41.19 -0.12 0.00	49.79 -0.22 0.00	52.09 -0.19 0.00
COXSACKIE__GT 23611	34.72 1.96 0.00	35.61 2.06 0.00	31.69 1.82 0.00	36.47 2.08 0.00	32.42 1.85 0.00	31.68 1.80 0.00	36.38 2.22 0.00	36.81 2.25 0.00	36.25 2.05 0.00	34.15 1.38 0.00	44.05 2.46 0.00	42.24 2.50 0.00	44.46 2.92 0.00	46.78 3.06 0.00	45.52 3.17 0.00	45.41 3.28 0.00	44.71 3.11 0.00	51.52 4.14 0.00	54.65 4.57 0.00	62.76 5.03 0.00	49.39 3.90 0.00	44.70 3.38 0.00	54.04 4.03 0.00	56.30 4.02 0.00
CPV_VALLEY__CC1 323721	33.62 0.87 0.00	34.48 0.93 0.00	30.69 0.82 0.00	35.30 0.90 0.00	31.36 0.79 0.00	30.62 0.74 0.00	35.05 0.89 0.00	35.50 0.93 0.00	35.08 0.89 0.00	33.54 0.77 0.00	42.59 1.00 0.00	40.72 0.98 0.00	42.68 1.13 0.00	44.88 1.17 0.00	43.54 1.19 0.00	43.29 1.16 0.00	42.52 0.91 0.00	48.48 1.10 0.00	51.51 1.43 0.00	59.17 1.44 0.00	46.59 1.11 0.00	42.25 0.94 0.00	50.88 0.87 0.00	53.08 0.80 0.00
CPV_VALLEY__CC2 323722	33.62 0.87 0.00	34.48 0.93 0.00	30.69 0.82 0.00	35.30 0.90 0.00	31.36 0.79 0.00	30.62 0.74 0.00	35.05 0.89 0.00	35.50 0.93 0.00	35.08 0.89 0.00	33.54 0.77 0.00	42.59 1.00 0.00	40.72 0.98 0.00	42.68 1.13 0.00	44.88 1.17 0.00	43.54 1.19 0.00	43.29 1.16 0.00	42.52 0.91 0.00	48.48 1.10 0.00	51.51 1.43 0.00	59.17 1.44 0.00	46.59 1.11 0.00	42.25 0.94 0.00	50.88 0.87 0.00	53.08 0.80 0.00
CRESCENT__HYD 24018	33.93 1.17 0.00	34.88 1.33 0.00	31.07 1.20 0.00	35.74 1.35 0.00	31.76 1.19 0.00	31.03 1.15 0.00	35.60 1.44 0.00	36.02 1.45 0.00	35.59 1.40 0.00	34.00 1.23 0.00	43.38 1.79 0.00	41.55 1.81 0.00	43.54 2.00 0.00	45.75 2.04 0.00	44.34 1.99 0.00	44.08 1.95 0.00	43.46 1.86 0.00	49.60 2.23 0.00	52.47 2.40 0.00	60.35 2.62 0.00	47.46 1.98 0.00	43.07 1.76 0.00	52.19 2.18 0.00	54.44 2.17 0.00
CRICKET__VALLEY_CC1 323756	33.81 1.06 0.00	34.65 1.10 0.00	30.85 0.99 0.00	35.46 1.07 0.00	31.52 0.95 0.00	30.79 0.91 0.00	35.26 1.11 0.00	35.83 1.27 0.00	35.43 1.24 0.00	33.86 1.09 0.00	43.27 1.68 0.00	41.42 1.67 0.00	43.37 1.82 0.00	45.57 1.86 0.00	44.28 1.93 0.00	44.00 1.86 0.00	43.22 1.62 0.00	49.24 1.87 0.00	52.17 2.09 0.00	59.86 2.13 0.00	47.05 1.57 0.00	42.72 1.41 0.00	51.58 1.57 0.00	53.94 1.67 0.00
CRICKET__VALLEY_CC2 323757	33.81 1.06 0.00	34.65 1.10 0.00	30.85 0.99 0.00	35.46 1.07 0.00	31.52 0.95 0.00	30.79 0.91 0.00	35.26 1.11 0.00	35.83 1.27 0.00	35.43 1.24 0.00	33.86 1.09 0.00	43.27 1.68 0.00	41.42 1.67 0.00	43.37 1.82 0.00	45.57 1.86 0.00	44.28 1.93 0.00	44.00 1.86 0.00	43.22 1.62 0.00	49.24 1.87 0.00	52.17 2.09 0.00	59.86 2.13 0.00	47.05 1.57 0.00	42.72 1.41 0.00	51.58 1.57 0.00	53.94 1.67 0.00
CRICKET__VALLEY_CC3 323758	33.81 1.06 0.00	34.65 1.10 0.00	30.85 0.99 0.00	35.46 1.07 0.00	31.52 0.95 0.00	30.79 0.91 0.00	35.26 1.11 0.00	35.83 1.27 0.00	35.43 1.24 0.00	33.86 1.09 0.00	43.27 1.68 0.00	41.42 1.67 0.00	43.37 1.82 0.00	45.57 1.86 0.00	44.28 1.93 0.00	44.00 1.86 0.00	43.22 1.62 0.00	49.24 1.87 0.00	52.17 2.09 0.00	59.86 2.13 0.00	47.05 1.57 0.00	42.72 1.41 0.00	51.58 1.57 0.00	53.94 1.67 0.00
CRUCIBLE_METL_DRP 24180	32.20 -0.56 0.00	32.94 -0.61 0.00	29.33 -0.53 0.00	33.78 -0.62 0.00	30.01 -0.56 0.00	29.37 -0.51 0.00	33.51 -0.64 0.00	33.94 -0.62 0.00	33.68 -0.52 0.00	32.36 -0.41 0.00	41.04 -0.55 0.00	39.14 -0.60 0.00	40.92 -0.62 0.00	43.08 -0.63 0.00	41.65 -0.70 0.00	41.51 -0.62 0.00	41.16 -0.44 0.00	46.88 -0.50 0.00	49.56 -0.52 0.00	57.20 -0.53 0.00	44.99 -0.50 0.00	40.82 -0.49 0.00	49.36 -0.65 0.00	51.63 -0.64 0.00
DAHOWA__HYDRO 323763	34.87 2.12 0.00	35.86 2.31 0.00	31.92 2.06 0.00	36.72 2.33 0.00	32.63 2.06 0.00	31.92 2.04 0.00	36.66 2.50 0.00	37.14 2.57 0.00	36.68 2.49 0.00	35.01 2.24 0.00	44.61 3.02 0.00	42.84 3.10 0.00	44.96 3.41 0.00	47.22 3.51 0.00	45.67 3.32 0.00	45.36 3.23 0.00	44.83 3.23 0.00	51.34 3.97 0.00	54.38 4.30 0.00	62.56 4.84 0.00	49.18 3.69 0.00	44.64 3.33 0.00	54.10 4.09 0.00	56.44 4.17 0.00
DANC__LFGE 323619	32.17 -0.59 0.00	32.85 -0.69 0.00	29.20 -0.67 0.00	33.62 -0.77 0.00	29.88 -0.69 0.00	29.25 -0.62 0.00	33.37 -0.79 0.00	33.80 -0.76 0.00	33.61 -0.58 0.00	32.50 -0.27 0.00	41.02 -0.57 0.00	38.74 -1.01 0.00	39.98 -1.56 0.00	42.58 -1.13 0.00	41.44 -0.91 0.00	41.36 -0.77 0.00	41.30 -0.31 0.00	47.22 -0.16 0.00	50.23 0.15 0.00	58.37 0.64 0.00	45.93 0.45 0.00	41.41 0.10 0.00	50.30 0.30 0.00	52.77 0.49 0.00
DANSKAMMER__1 23586	34.34 1.58 0.00	35.20 1.65 0.00	31.31 1.45 0.00	36.01 1.62 0.00	32.00 1.43 0.00	31.25 1.37 0.00	35.80 1.64 0.00	36.29 1.72 0.00	35.87 1.68 0.00	34.25 1.48 0.00	43.51 1.91 0.00	41.62 1.88 0.00	43.66 2.12 0.00	45.96 2.25 0.00	44.60 2.25 0.00	44.31 2.18 0.00	43.56 1.96 0.00	49.75 2.38 0.00	52.86 2.78 0.00	60.72 3.00 0.00	47.78 2.29 0.00	43.31 2.00 0.00	52.18 2.18 0.00	54.44 2.16 0.00
DANSKAMMER__2 23589	34.34 1.58 0.00	35.20 1.65 0.00	31.31 1.45 0.00	36.01 1.62 0.00	32.00 1.43 0.00	31.25 1.37 0.00	35.80 1.64 0.00	36.29 1.72 0.00	35.87 1.68 0.00	34.25 1.48 0.00	43.51 1.91 0.00	41.62 1.88 0.00	43.66 2.12 0.00	45.96 2.25 0.00	44.60 2.25 0.00	44.31 2.18 0.00	43.56 1.96 0.00	49.75 2.38 0.00	52.86 2.78 0.00	60.72 3.00 0.00	47.78 2.29 0.00	43.31 2.00 0.00	52.18 2.18 0.00	54.44 2.16 0.00
DANSKAMMER__3 23590	34.34 1.58 0.00	35.20 1.65 0.00	31.31 1.45 0.00	36.01 1.62 0.00	32.00 1.43 0.00	31.25 1.37 0.00	35.80 1.64 0.00	36.29 1.72 0.00	35.87 1.68 0.00	34.25 1.48 0.00	43.51 1.91 0.00	41.62 1.88 0.00	43.66 2.12 0.00	45.96 2.25 0.00	44.60 2.25 0.00	44.31 2.18 0.00	43.56 1.96 0.00	49.75 2.38 0.00	52.86 2.78 0.00	60.72 3.00 0.00	47.78 2.29 0.00	43.31 2.00 0.00	52.18 2.18 0.00	54.44 2.16 0.00

DANSKAMMER___4 23591	34.34 1.58 0.00	35.20 1.65 0.00	31.31 1.45 0.00	36.01 1.62 0.00	32.00 1.43 0.00	31.25 1.37 0.00	35.80 1.64 0.00	36.29 1.72 0.00	35.87 1.68 0.00	34.25 1.48 0.00	43.51 1.91 0.00	41.62 1.88 0.00	43.66 2.12 0.00	45.96 2.25 0.00	44.60 2.25 0.00	44.31 2.18 0.00	43.56 1.96 0.00	49.75 2.38 0.00	52.86 2.78 0.00	60.72 3.00 0.00	47.78 2.29 0.00	43.31 2.00 0.00	52.18 2.18 0.00	54.44 2.16 0.00
DANSKAMMER___DIESEL 23592	34.34 1.58 0.00	35.20 1.65 0.00	31.31 1.45 0.00	36.01 1.62 0.00	32.00 1.43 0.00	31.25 1.37 0.00	35.79 1.64 0.00	36.29 1.72 0.00	35.87 1.68 0.00	34.25 1.48 0.00	43.50 1.91 0.00	41.63 1.89 0.00	43.66 2.12 0.00	45.96 2.25 0.00	44.60 2.25 0.00	44.31 2.19 0.00	43.56 1.96 0.00	49.76 2.38 0.00	52.87 2.79 0.00	60.72 2.99 0.00	47.78 2.29 0.00	43.31 2.00 0.00	52.18 2.18 0.00	54.43 2.16 0.00
DARBY___SOLAR 323810	34.72 1.97 0.00	35.71 2.16 0.00	31.79 1.93 0.00	36.58 2.19 0.00	32.50 1.93 0.00	31.77 1.90 0.00	36.49 2.34 0.00	36.95 2.39 0.00	36.48 2.28 0.00	34.83 2.05 0.00	44.38 2.78 0.00	42.63 2.88 0.00	44.72 3.18 0.00	46.96 3.25 0.00	45.42 3.07 0.00	45.12 2.99 0.00	44.59 2.99 0.00	51.04 3.67 0.00	54.05 3.97 0.00	62.17 4.44 0.00	48.89 3.41 0.00	44.37 3.06 0.00	53.77 3.76 0.00	56.11 3.84 0.00
DASHVILLE___HYD 23610	34.16 1.40 0.00	35.03 1.48 0.00	31.16 1.30 0.00	35.84 1.45 0.00	31.84 1.27 0.00	31.08 1.20 0.00	35.61 1.46 0.00	36.10 1.54 0.00	35.68 1.48 0.00	34.05 1.28 0.00	43.30 1.71 0.00	41.44 1.70 0.00	43.44 1.90 0.00	45.68 1.96 0.00	44.37 2.02 0.00	44.10 1.97 0.00	43.34 1.74 0.00	49.50 2.12 0.00	52.57 2.49 0.00	60.42 2.69 0.00	47.54 2.06 0.00	43.08 1.77 0.00	51.93 1.92 0.00	54.17 1.90 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	37.09 1.78 -2.55	35.65 2.10 0.00	31.72 1.85 0.00	36.50 2.11 0.00	32.44 1.87 0.00	31.63 1.75 0.00	36.26 2.11 0.00	36.73 2.17 0.00	36.47 2.27 0.00	34.50 1.73 0.00	43.84 2.25 0.00	42.24 2.50 0.00	43.96 2.42 0.00	45.69 1.98 0.00	48.49 2.35 -3.79	90.48 2.59 -45.76	43.63 2.03 0.00	50.37 3.00 0.00	53.77 3.69 0.00	61.75 4.03 0.00	48.51 3.02 0.00	43.81 2.50 0.00	52.59 2.58 0.00	54.79 2.52 0.00
DELAWARE___LFGE 323621	33.35 0.59 0.00	34.21 0.66 0.00	30.44 0.57 0.00	35.05 0.66 0.00	31.13 0.56 0.00	30.39 0.51 0.00	34.76 0.61 0.00	35.20 0.64 0.00	34.89 0.70 0.00	33.44 0.67 0.00	42.42 0.83 0.00	40.51 0.77 0.00	42.42 0.88 0.00	44.62 0.92 0.00	43.20 0.85 0.00	43.00 0.87 0.00	42.46 0.86 0.00	48.45 1.08 0.00	51.28 1.20 0.00	59.11 1.38 0.00	46.52 1.04 0.00	42.20 0.88 0.00	50.98 0.97 0.00	53.24 0.97 0.00
DERFIELD_115KV_TB7 355931	32.78 0.02 0.00	33.62 0.07 0.00	29.92 0.06 0.00	34.42 0.03 0.00	30.61 0.04 0.00	29.91 0.03 0.00	34.21 0.05 0.00	34.60 0.03 0.00	34.23 0.04 0.00	32.81 0.04 0.00	41.67 0.07 0.00	39.84 0.10 0.00	41.67 0.12 0.00	43.80 0.09 0.00	42.44 0.09 0.00	42.22 0.09 0.00	41.70 0.10 0.00	47.57 0.19 0.00	50.37 0.29 0.00	58.02 0.29 0.00	45.70 0.21 0.00	41.45 0.14 0.00	50.15 0.15 0.00	52.39 0.11 0.00
DOGLEVILLE___HYD 23807	33.05 0.29 0.00	34.03 0.48 0.00	30.29 0.41 0.00	34.71 0.32 0.00	30.85 0.28 0.00	30.12 0.24 0.00	34.53 0.38 0.00	34.74 0.18 0.00	34.29 0.09 0.00	32.57 -0.20 0.00	41.63 0.04 0.00	40.20 0.46 0.00	41.86 0.31 0.00	43.39 -0.32 0.00	42.39 0.04 0.00	42.08 -0.05 0.00	41.93 0.32 0.00	48.17 0.79 0.00	51.18 1.10 0.00	58.76 1.03 0.00	46.21 0.73 0.00	41.90 0.59 0.00	50.62 0.61 0.00	52.75 0.47 0.00
DUNKIRK___115KV_TB_200 55889	28.90 -2.86 0.99	30.45 -3.10 0.00	27.07 -2.80 0.00	31.44 -2.95 0.00	27.67 -2.90 0.00	27.25 -2.63 0.00	31.15 -3.00 0.00	31.50 -3.02 0.04	31.30 -2.89 0.00	29.90 -2.51 0.36	33.07 -3.28 5.24	33.88 -3.35 2.51	32.29 -3.36 5.90	37.96 -3.39 2.35	36.83 -3.80 1.72	38.41 -3.69 0.04	37.23 -3.22 1.15	38.34 -3.90 5.14	37.45 -4.37 8.26	45.84 -4.45 7.44	36.25 -3.53 5.71	38.27 -3.00 0.04	46.56 -3.45 0.00	49.24 -3.04 0.00
DUNKIRK___1 23563	28.90 -2.86 0.99	30.45 -3.10 0.00	27.07 -2.80 0.00	31.44 -2.95 0.00	27.67 -2.90 0.00	27.25 -2.63 0.00	31.15 -3.00 0.00	31.50 -3.02 0.04	31.30 -2.89 0.00	29.90 -2.51 0.36	33.07 -3.28 5.24	33.88 -3.35 2.51	32.29 -3.36 5.90	37.96 -3.39 2.35	36.83 -3.80 1.72	38.41 -3.69 0.04	37.23 -3.22 1.15	38.34 -3.90 5.14	37.45 -4.37 8.26	45.84 -4.45 7.44	36.25 -3.53 5.71	38.27 -3.00 0.04	46.56 -3.45 0.00	49.24 -3.04 0.00
DUNKIRK___2 23564	28.90 -2.86 0.99	30.45 -3.10 0.00	27.07 -2.80 0.00	31.44 -2.95 0.00	27.67 -2.90 0.00	27.25 -2.63 0.00	31.15 -3.00 0.00	31.50 -3.02 0.04	31.30 -2.89 0.00	29.90 -2.51 0.36	33.07 -3.28 5.24	33.88 -3.35 2.51	32.29 -3.36 5.90	37.96 -3.39 2.35	36.83 -3.80 1.72	38.41 -3.69 0.04	37.23 -3.22 1.15	38.34 -3.90 5.14	37.45 -4.37 8.26	45.84 -4.45 7.44	36.25 -3.53 5.71	38.27 -3.00 0.04	46.56 -3.45 0.00	49.24 -3.04 0.00
DUNKIRK___3 23565	28.95 -2.83 0.98	30.45 -3.10 0.00	27.07 -2.79 0.00	31.44 -2.95 0.00	27.67 -2.90 0.00	27.24 -2.64 0.00	31.14 -3.01 0.00	31.41 -3.11 0.04	31.26 -2.94 0.00	29.84 -2.54 0.39	32.63 -3.29 5.66	33.66 -3.36 2.72	31.79 -3.37 6.38	37.72 -3.44 2.54	36.68 -3.83 1.85	38.32 -3.76 0.04	37.04 -3.32 1.25	37.80 -4.01 5.56	36.64 -4.50 8.94	45.08 -4.60 8.05	35.63 -3.67 6.19	38.08 -3.19 0.04	46.36 -3.64 0.00	49.05 -3.22 0.00
DUNKIRK___4 23566	28.95 -2.83 0.98	30.45 -3.10 0.00	27.07 -2.79 0.00	31.44 -2.95 0.00	27.67 -2.90 0.00	27.24 -2.64 0.00	31.14 -3.01 0.00	31.41 -3.11 0.04	31.26 -2.94 0.00	29.84 -2.54 0.39	32.63 -3.29 5.66	33.66 -3.36 2.72	31.79 -3.37 6.38	37.72 -3.44 2.54	36.68 -3.83 1.85	38.32 -3.76 0.04	37.04 -3.32 1.25	37.80 -4.01 5.56	36.64 -4.50 8.94	45.08 -4.60 8.05	35.63 -3.67 6.19	38.08 -3.19 0.04	46.36 -3.64 0.00	49.05 -3.22 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	34.29 1.53 0.00	35.14 1.59 0.00	31.26 1.39 0.00	35.94 1.55 0.00	31.93 1.36 0.00	31.17 1.29 0.00	35.71 1.56 0.00	36.19 1.62 0.00	35.78 1.59 0.00	34.19 1.41 0.00	43.47 1.88 0.00	41.59 1.85 0.00	43.55 2.01 0.00	45.78 2.07 0.00	44.49 2.14 0.00	44.20 2.07 0.00	43.35 1.75 0.00	49.45 2.07 0.00	52.54 2.47 0.00	60.27 2.54 0.00	47.42 1.94 0.00	42.98 1.67 0.00	51.75 1.74 0.00	53.96 1.68 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	34.09 1.33 0.00	34.96 1.41 0.00	31.10 1.23 0.00	35.77 1.38 0.00	31.78 1.21 0.00	31.03 1.15 0.00	35.54 1.39 0.00	36.01 1.44 0.00	35.58 1.38 0.00	33.98 1.21 0.00	43.12 1.53 0.00	41.25 1.51 0.00	43.28 1.74 0.00	45.54 1.83 0.00	44.18 1.84 0.00	43.92 1.78 0.00	43.13 1.53 0.00	49.25 1.88 0.00	52.37 2.29 0.00	60.15 2.42 0.00	47.34 1.85 0.00	42.91 1.60 0.00	51.68 1.67 0.00	53.90 1.63 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	34.33 1.57 -0.01	35.15 1.59 -0.01	31.27 1.40 -0.01	35.93 1.53 0.00	31.93 1.35 -0.01	31.18 1.29 -0.01	35.71 1.56 0.00	36.19 1.62 -0.01	35.85 1.65 0.00	34.29 1.51 0.00	43.63 2.03 -0.01	41.70 1.96 0.00	43.67 2.12 0.00	45.87 2.17 0.00	44.69 2.33 -0.01	44.34 2.21 0.00	43.43 1.82 -0.01	49.54 2.16 0.00	52.68 2.60 0.00	60.35 2.62 0.00	47.55 2.07 0.00	43.08 1.77 0.00	51.82 1.82 0.00	54.03 1.75 0.00
E179THST_13_KV_LOAD 356214	34.46 1.70 -0.01	35.28 1.72 -0.01	31.38 1.50 -0.01	36.06 1.67 0.00	32.03 1.46 -0.01	31.29 1.41 -0.01	35.84 1.69 0.00	36.32 1.75 -0.01	35.98 1.78 0.00	34.42 1.64 0.00	43.80 2.20 -0.01	41.86 2.12 0.00	43.84 2.29 0.00	46.07 2.35 0.00	44.88 2.52 -0.01	44.52 2.39 0.00	43.62 2.01 -0.01	49.75 2.37 0.00	52.90 2.82 0.00	60.63 2.90 0.00	47.76 2.28 0.00	43.26 1.95 0.00	52.05 2.04 0.00	54.27 2.00 0.00
EAST HAMPTON___GT 23717	36.48 1.17 -2.55	34.96 1.41 0.00	31.11 1.24 0.00	35.79 1.39 0.00	31.82 1.24 0.00	31.02 1.14 0.00	35.58 1.42 0.00	36.05 1.49 0.00	35.80 1.61 0.00	33.82 1.05 0.00	42.99 1.40 0.00	41.45 1.71 0.00	43.13 1.59 0.00	44.81 1.10 0.00	47.65 1.51 -3.79	89.58 1.69 -45.76	42.80 1.20 0.00	49.47 2.09 0.00	52.85 2.78 0.00	60.69 2.96 0.00	47.67 2.18 0.00	43.03 1.72 0.00	51.66 1.65 0.00	53.78 1.51 0.00
EAST RIVER___6 23660	34.47 1.71 0.00	35.30 1.75 0.00	31.40 1.53 0.00	36.08 1.69 0.00	32.07 1.50 0.00	31.29 1.41 0.00	35.85 1.69 0.00	36.30 1.74 0.00	35.87 1.68 0.00	34.28 1.51 0.00	43.56 1.97 0.00	41.66 1.92 0.00	43.74 2.20 0.00	46.02 2.31 0.00	44.74 2.39 0.00	44.38 2.25 0.00	43.39 1.79 0.00	49.42 2.05 0.00	52.50 2.42 0.00	60.19 2.47 0.00	47.40 1.92 0.00	42.96 1.64 0.00	51.72 1.71 0.00	53.88 1.61 0.00
EAST RIVER___7 23524	34.47 1.71 0.00	35.30 1.75 0.00	31.40 1.53 0.00	36.08 1.69 0.00	32.07 1.50 0.00	31.29 1.41 0.00	35.85 1.69 0.00	36.30 1.74 0.00	35.87 1.68 0.00	34.28 1.51 0.00	43.56 1.97 0.00	41.66 1.92 0.00	43.74 2.20 0.00	46.02 2.31 0.00	44.74 2.39 0.00	44.38 2.25 0.00	43.39 1.79 0.00	49.42 2.05 0.00	52.50 2.42 0.00	60.19 2.47 0.00	47.40 1.92 0.00	42.96 1.64 0.00	51.72 1.71 0.00	53.88 1.61 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	34.21 1.45 0.00	35.07 1.52 0.00	31.20 1.33 0.00	35.88 1.49 0.00	31.87 1.30 0.00	31.12 1.24 0.00	35.64 1.48 0.00	36.11 1.55 0.00	35.71 1.52 0.00	34.12 1.35 0.00	43.37 1.78 0.00	41.50 1.76 0.00	43.46 1.91 0.00	45.68 1.97 0.00	44.39 2.03 0.00	44.10 1.97 0.00	43.25 1.65 0.00	49.34 1.96 0.00	52.44 2.36 0.00	60.16 2.43 0.00	47.34 1.85 0.00	42.90 1.59 0.00	51.66 1.65 0.00	53.86 1.58 0.00
EAST_HAMPTON___DIESEL 23722	36.38 1.07 -2.55	34.85 1.30 0.00	31.01 1.14 0.00	35.67 1.27 0.00	31.72 1.14 0.00	30.92 1.04 0.00	35.46 1.31 0.00	35.93 1.37 0.00	35.69 1.49 0.00	33.72 0.95 0.00	42.84 1.25 0.00	41.32 1.57 0.00	42.98 1.44 0.00	44.66 0.96 0.00	47.50 1.36 -3.79	89.45 1.56 -45.76	42.65 1.05 0.00	49.31 1.93 0.00	52.70 2.62 0.00	60.50 2.77 0.00	47.53 2.04 0.00	42.90 1.59 0.00	51.49 1.49 0.00	53.61 1.33 0.00
EAST_POINT___SOLAR 323840	34.76 2.00 0.00	35.64 2.09 0.00	31.67 1.80 0.00	36.45 2.06 0.00	32.36 1.79 0.00	31.66 1.78 0.00	36.24 2.09 0.00	36.15 1.58 0.00	35.48 1.29 0.00	34.20 1.43 0.00	42.88 1.29 0.00	41.90 2.15 0.00	43.37 1.82 0.00	44.85 1.14 0.00	43.89 1.54 0.00	43.68 1.55 0.00	43.84 2.24 0.00	50.65 3.27 0.00	53.75 3.67 0.00	62.02 4.29 0.00	48.84 3.35 0.00	44.24 2.93 0.00	53.54 3.53 0.00	55.89 3.61 0.00
EAST_PULASKI___ESR 323781	32.32 -0.44 0.00	33.04 -0.51 0.00	29.40 -0.47 0.00	33.84 -0.55 0.00	30.05 -0.52 0.00	29.41 -0.47 0.00	33.54 -0.62 0.00	33.98 -0.59 0.00	33.77 -0.43 0.00	32.59 -0.18 0.00	41.24 -0.35 0.00	39.16 -0.59 0.00	40.67 -0.87 0.00	43.02 -0.69 0.00	41.76 -0.60 0.00	41.68 -0.45 0.00	41.45 -0.15 0.00	47.27 -0.11 0.00	50.14 0.06 0.00	58.03 0.30 0.00	45.67 0.18 0.00	41.32 0.01 0.00	50.05 0.05 0.00	52.40 0.13 0.00
EAST_RIVER___1 323558	34.40 1.65 0.00	35.24 1.69 0.00	31.35 1.48 0.00	36.04 1.65 0.00	32.02 1.45 0.00	31.25 1.37 0.00	35.78 1.63 0.00	36.25 1.68 0.00	35.85 1.66 0.00	34.27 1.50 0.00	43.53 1.94 0.00	41.68 1.94 0.00	43.68 2.13 0.00	45.91 2.20 0.00	44.58 2.23 0.00	44.27 2.14 0.00	43.36 1.76 0.00	49.42 2.05 0.00	52.51 2.43 0.00	60.21 2.48 0.00	47.39 1.91 0.00	42.95 1.64 0.00	51.72 1.71 0.00	53.88 1.61 0.00
EAST_RIVER___2 323559	34.47 1.71 0.00	35.30 1.75 0.00	31.40 1.53 0.00	36.08 1.69 0.00	32.07 1.50 0.00	31.29 1.41 0.00	35.85 1.69 0.00	36.30 1.74 0.00	35.87 1.68 0.00	34.28 1.51 0.00	43.56 1.97 0.00	41.66 1.92 0.00	43.74 2.20 0.00	46.02 2.31 0.00	44.74 2.39 0.00	44.38 2.25 0.00	43.39 1.79 0.00	49.42 2.05 0.00	52.50 2.42 0.00	60.19 2.47 0.00	47.40 1.92 0.00	42.96 1.64 0.00	51.72 1.71 0.00	53.88 1.61 0.00
EAST___DELAWARE_HYD 23607	33.80 1.04 0.00	34.58 1.03 0.00	30.75 0.88 0.00	35.38 0.98 0.00	31.44 0.87 0.00	30.72 0.85 0.00	35.18 1.03 0.00	35.64 1.07 0.00	35.20 1.00 0.00	33.58 0.81 0.00	42.52 0.93 0.00	40.84 1.10 0.00	42.88 1.34 0.00	45.02 1.31 0.00	43.66 1.31 0.00	43.46 1.33 0.00	42.64 1.04 0.00	48.88 1.50 0.00	52.06 1.98 0.00	59.84 2.11 0.00	47.06 1.58 0.00	42.67 1.36 0.00	51.36 1.35 0.00	53.56 1.29 0.00
EIGHT_POINT___WT_PWR 323820	27.06 -3.51 2.18	29.99 -3.56 0.00	26.62 -3.25 0.00	31.03 -3.37 0.00	27.44 -3.13 0.00	26.48 -3.40 0.00	30.49 -3.66 0.00	30.79 -3.92 -0.14	30.24 -3.96 0.00	30.55 -3.55 -1.33	56.13 -4.69 -19.23	44.09 -4.87 -9.22	58.14 -5.07 -21.67	46.96 -5.39 -8.64	42.27 -5.63 -5.55	36.90 -5.36 -0.13	41.07 -4.77 -4.23	61.25 -5.10 -18.97	75.20 -5.34 -30.46	79.20 -5.97 -27.44	61.72 -4.85 -21.09	37.18 -4.26 -0.14	45.15 -4.86 0.00	48.15 -4.12 0.00
ELBRIDGE_115KV_TB2 80188	31.91 -0.85 0.00	32.66 -0.89 0.00	29.07 -0.81 0.00	33.50 -0.90 0.00	29.76 -0.81 0.00	29.12 -0.76 0.00	33.23 -0.93 0.00	33.64 -0.92 0.00	33.37 -0.82 0.00	32.03 -0.75 0.00	40.60 -0.99 0.00	38.74 -1.01 0.00	40.50 -1.05 0.00	42.62 -1.09 0.00	41.21 -1.14 0.00	41.06 -1.07 0.00	40.73 -0.88 0.00	46.37 -1.00 0.00	49.03 -1.05 0.00	56.59 -1.14 0.00	44.53 -0.95 0.00	40.41 -0.90 0.00	48.87 -1.14 0.00	51.12 -1.15 0.00
ELEC_TRO_TEK 24086	37.16 1.85 -2.55	35.51 1.95 0.00	31.58 1.71 0.00	36.31 1.92 0.00	32.27 1.70 0.00	31.49 1.61 0.00	36.08 1.93 0.00	36.53 1.96 0.00	36.20 2.01 0.00	34.45 1.68 0.00	43.93 2.34 0.00	42.05 2.31 0.00	43.88 2.34 0.00	46.00 2.29 0.00	48.70 2.56 -3.79	90.49 2.60 -45.76	43.72 2.12 0.00	49.97 2.59 0.00	53.11 3.03 0.00	60.96 3.23 0.00	47.92 2.43 0.00	43.37 2.06 0.00	52.12 2.11 0.00	54.34 2.07 0.00

ELLENBURG_WT_PWR 323604	32.80 0.05 0.00	33.34 -0.21 0.00	29.64 -0.23 0.00	34.11 -0.28 0.00	30.42 -0.15 0.00	29.81 -0.07 0.00	34.17 0.01 0.00	34.74 0.17 0.00	34.29 0.10 0.00	32.70 -0.08 0.00	41.11 -0.48 0.00	-2.53 -0.60 41.67	2.23 -0.71 38.61	-1.52 -0.62 44.61	-6.11 -0.54 47.92	-6.03 -0.62 47.55	2.54 -0.62 38.44	3.82 -0.82 42.73	-9.29 -1.18 58.18	-7.87 -1.19 64.41	39.81 -0.63 5.04	40.92 -0.39 0.00	43.66 -0.40 5.95	4.25 -0.47 47.55
ELM_ST_23_KV_LD_REV_LBMP_A 345012	28.89 -2.96 0.91	30.20 -3.35 0.00	26.86 -3.01 0.00	31.15 -3.24 0.00	27.41 -3.16 0.00	27.00 -2.89 0.00	30.87 -3.29 0.00	31.03 -3.49 0.04	30.98 -3.21 0.00	29.58 -2.77 0.42	31.86 -3.65 6.09	33.16 -3.66 2.92	30.87 -3.81 6.86	37.09 -3.88 2.73	36.27 -4.12 1.97	37.97 -4.11 0.05	36.51 -3.75 1.34	36.77 -4.61 5.99	35.27 -5.19 9.62	43.69 -5.37 8.66	34.53 -4.29 6.66	37.51 -3.75 0.04	45.78 -4.23 0.00	48.52 -3.76 0.00
EMPIRE_CC_1 323656	33.55 0.79 0.00	34.58 1.03 0.00	30.84 0.97 0.00	35.47 1.07 0.00	31.53 0.95 0.00	30.79 0.91 0.00	35.30 1.14 0.00	35.70 1.14 0.00	35.29 1.09 0.00	33.71 0.94 0.00	43.06 1.47 0.00	41.21 1.47 0.00	43.16 1.61 0.00	45.37 1.66 0.00	43.99 1.63 0.00	43.74 1.61 0.00	43.07 1.46 0.00	49.12 1.74 0.00	51.95 1.87 0.00	59.70 1.98 0.00	46.99 1.50 0.00	42.63 1.33 0.00	51.65 1.64 0.00	53.82 1.54 0.00
EMPIRE_CC_2 323658	33.55 0.79 0.00	34.58 1.03 0.00	30.84 0.97 0.00	35.47 1.07 0.00	31.53 0.95 0.00	30.79 0.91 0.00	35.30 1.14 0.00	35.70 1.14 0.00	35.29 1.09 0.00	33.71 0.94 0.00	43.06 1.47 0.00	41.21 1.47 0.00	43.16 1.61 0.00	45.37 1.66 0.00	43.99 1.63 0.00	43.74 1.61 0.00	43.07 1.46 0.00	49.12 1.74 0.00	51.95 1.87 0.00	59.70 1.98 0.00	46.99 1.50 0.00	42.63 1.33 0.00	51.65 1.64 0.00	53.82 1.54 0.00
ENORWICH_115KV_TB1 80156	34.14 -0.01 -1.40	33.44 -0.11 0.00	29.85 -0.02 0.00	34.45 0.06 0.00	30.64 0.06 0.00	30.07 0.19 0.00	34.65 0.49 0.00	35.32 0.75 -0.01	35.47 1.28 0.00	33.75 0.91 -0.07	43.43 0.87 -0.96	40.83 0.63 -0.46	43.22 0.59 -1.08	44.67 0.53 -0.43	43.03 0.20 -0.47	42.59 0.45 -0.01	42.66 0.84 -0.21	49.68 1.36 -0.95	53.02 1.42 -1.52	60.76 1.66 -1.37	47.77 1.23 -1.05	42.22 0.90 -0.01	51.02 1.02 0.00	53.17 0.90 0.00
ERIE_ST_34_KV_TB1-2 80199	29.65 -2.15 0.95	31.00 -2.55 0.00	27.56 -2.31 0.00	31.98 -2.41 0.00	28.15 -2.42 0.00	27.71 -2.17 0.00	31.68 -2.47 0.00	31.85 -2.68 0.04	31.82 -2.38 0.00	30.45 -1.97 0.35	33.98 -2.49 5.12	34.70 -2.59 2.46	33.12 -2.65 5.77	38.65 -2.76 2.30	37.55 -3.12 1.68	38.94 -3.15 0.04	37.73 -2.74 1.13	39.03 -3.34 5.00	38.27 -3.77 8.04	46.77 -3.73 7.24	36.88 -3.04 5.56	38.53 -2.74 0.04	46.97 -3.04 0.00	49.78 -2.49 0.00
ERIE_WT_PWR 323693	29.08 -2.73 0.94	30.41 -3.14 0.00	27.07 -2.80 0.00	31.40 -2.99 0.00	27.62 -2.95 0.00	27.20 -2.67 0.00	31.12 -3.03 0.00	31.27 -3.25 0.04	31.21 -2.98 0.00	29.84 -2.53 0.40	32.47 -3.32 5.80	33.56 -3.40 2.78	31.54 -3.47 6.53	37.55 -3.56 2.60	36.65 -3.82 1.88	38.28 -3.81 0.04	36.91 -3.41 1.27	37.52 -4.18 5.68	36.27 -4.68 9.12	44.67 -4.84 8.21	35.28 -3.89 6.31	37.86 -3.41 0.04	46.20 -3.81 0.00	48.97 -3.30 0.00
ESPRGFLD_115KV_TB1 80157	33.75 1.00 0.00	34.59 1.04 0.00	30.74 0.88 0.00	35.41 1.02 0.00	31.44 0.87 0.00	30.74 0.86 0.00	35.14 0.99 0.00	35.47 0.91 0.00	35.29 1.09 0.00	33.83 1.06 0.00	42.73 1.14 0.00	40.75 1.01 0.00	42.53 0.98 0.00	44.58 0.87 0.00	43.15 0.80 0.00	43.02 0.88 0.00	42.68 1.08 0.00	48.90 1.52 0.00	51.78 1.70 0.00	59.84 2.11 0.00	47.11 1.63 0.00	42.73 1.42 0.00	51.65 1.65 0.00	54.02 1.74 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	35.92 -0.27 -3.43	33.24 -0.31 0.00	29.58 -0.29 0.00	34.12 -0.27 0.00	30.30 -0.27 0.00	29.65 -0.23 0.00	33.91 -0.24 0.00	34.38 -0.20 -0.01	34.12 -0.07 0.00	32.88 -0.01 -0.11	43.19 -0.04 -1.64	40.39 -0.14 -0.79	43.24 -0.15 -1.85	44.26 -0.19 -0.74	42.91 -0.39 -0.95	41.88 -0.28 -0.02	41.97 0.01 -0.36	49.17 0.17 -1.62	52.91 0.24 -2.60	60.44 0.37 -2.34	47.48 0.19 -1.80	41.44 0.12 -0.01	50.07 0.06 0.00	52.36 0.09 0.00
ETNA____115KV_TB2 80207	35.92 -0.27 -3.43	33.24 -0.31 0.00	29.58 -0.29 0.00	34.12 -0.27 0.00	30.30 -0.27 0.00	29.65 -0.23 0.00	33.91 -0.24 0.00	34.38 -0.20 -0.01	34.12 -0.07 0.00	32.88 -0.01 -0.11	43.19 -0.04 -1.64	40.39 -0.14 -0.79	43.24 -0.15 -1.85	44.26 -0.19 -0.74	42.91 -0.39 -0.95	41.88 -0.28 -0.02	41.97 0.01 -0.36	49.17 0.17 -1.62	52.91 0.24 -2.60	60.44 0.37 -2.34	47.48 0.19 -1.80	41.44 0.12 -0.01	50.07 0.06 0.00	52.36 0.09 0.00
EUCLID____115KV_TB2 356179	31.76 -1.00 0.00	32.50 -1.05 0.00	28.95 -0.92 0.00	33.31 -1.08 0.00	29.60 -0.97 0.00	28.97 -0.91 0.00	33.03 -1.13 0.00	33.43 -1.13 0.00	33.16 -1.04 0.00	31.87 -0.91 0.00	40.40 -1.19 0.00	38.57 -1.17 0.00	40.31 -1.24 0.00	42.43 -1.28 0.00	41.07 -1.28 0.00	40.91 -1.23 0.00	40.49 -1.11 0.00	46.07 -1.31 0.00	48.70 -1.38 0.00	56.20 -1.53 0.00	44.23 -1.26 0.00	40.14 -1.17 0.00	48.55 -1.46 0.00	50.77 -1.50 0.00
E_CANADA_CAP_HY 24051	34.21 1.46 0.00	35.06 1.51 0.00	31.17 1.30 0.00	35.87 1.48 0.00	31.87 1.30 0.00	31.16 1.28 0.00	35.61 1.45 0.00	35.81 1.25 0.00	35.51 1.32 0.00	34.00 1.23 0.00	42.92 1.33 0.00	41.13 1.40 0.00	42.75 1.20 0.00	44.54 0.83 0.00	43.23 0.88 0.00	43.12 0.99 0.00	42.90 1.30 0.00	49.31 1.93 0.00	52.27 2.19 0.00	60.41 2.68 0.00	47.60 2.12 0.00	43.18 1.87 0.00	52.30 2.29 0.00	54.70 2.42 0.00
E_CANADA_MHWK_HY 24050	33.05 0.29 0.00	34.03 0.48 0.00	30.29 0.41 0.00	34.71 0.32 0.00	30.85 0.28 0.00	30.12 0.24 0.00	34.53 0.38 0.00	34.74 0.18 0.00	34.29 0.09 0.00	32.57 -0.20 0.00	41.63 0.04 0.00	40.20 0.46 0.00	41.86 0.31 0.00	43.39 -0.32 0.00	42.39 0.04 0.00	42.08 -0.05 0.00	41.93 0.32 0.00	48.17 0.79 0.00	51.18 1.10 0.00	58.76 1.03 0.00	46.21 0.73 0.00	41.90 0.59 0.00	50.62 0.61 0.00	52.75 0.47 0.00
E_FISHKILL____LBMP 23776	34.01 1.25 0.00	34.86 1.31 0.00	31.03 1.16 0.00	35.68 1.28 0.00	31.70 1.13 0.00	30.95 1.07 0.00	35.45 1.30 0.00	35.94 1.37 0.00	35.53 1.34 0.00	33.96 1.18 0.00	43.22 1.63 0.00	41.35 1.60 0.00	43.31 1.77 0.00	45.52 1.81 0.00	44.22 1.87 0.00	43.94 1.81 0.00	43.14 1.54 0.00	49.20 1.82 0.00	52.22 2.14 0.00	59.94 2.22 0.00	47.16 1.68 0.00	42.77 1.46 0.00	51.55 1.54 0.00	53.78 1.51 0.00
FALCON____SEABRD_CC1 323796	32.94 0.18 0.00	33.45 -0.10 0.00	29.74 -0.13 0.00	34.05 -0.34 0.00	30.33 -0.24 0.00	29.74 -0.14 0.00	34.15 0.00 0.00	34.85 0.28 0.00	34.36 0.16 0.00	32.72 -0.05 0.00	40.90 -0.69 0.00	-8.92 -0.93 47.73	-3.84 -1.16 44.23	-8.54 -1.15 51.10	-13.68 -1.14 54.90	-13.40 -1.06 54.47	-3.45 -1.02 44.03	-2.97 -1.39 48.95	-18.24 -1.67 66.65	-17.80 -1.75 73.78	38.60 -1.10 5.78	40.57 -0.74 0.00	42.28 -0.92 6.81	-3.33 -1.13 54.47

FALCON___SEABRD_CC2 323797	32.94 0.18 0.00	33.45 -0.10 0.00	29.74 -0.13 0.00	34.05 -0.34 0.00	30.33 -0.24 0.00	29.74 -0.14 0.00	34.15 0.00 0.00	34.85 0.28 0.00	34.36 0.16 0.00	32.72 -0.05 0.00	40.90 -0.69 0.00	-8.92 -0.93 47.73	-3.84 -1.16 44.23	-8.54 -1.15 51.10	-13.68 -1.14 54.90	-13.40 -1.06 54.47	-3.45 -1.02 44.03	-2.97 -1.39 48.95	-18.24 -1.67 66.65	-17.80 -1.75 73.78	38.60 -1.10 5.78	40.57 -0.74 0.00	42.28 -0.92 6.81	-3.33 -1.13 54.47
FAR ROCKAWAY___4 23548	37.54 2.23 -2.55	35.89 2.34 0.00	31.91 2.05 0.00	36.70 2.31 0.00	32.62 2.05 0.00	31.84 1.96 0.00	36.48 2.32 0.00	36.91 2.35 0.00	36.59 2.40 0.00	34.80 2.03 0.00	44.41 2.82 0.00	42.51 2.77 0.00	44.29 2.75 0.00	46.46 2.75 0.00	49.25 3.11 -3.79	91.03 3.14 -45.76	44.26 2.66 0.00	50.65 3.27 0.00	53.77 3.69 0.00	61.69 3.97 0.00	48.51 3.02 0.00	43.90 2.59 0.00	52.76 2.75 0.00	55.00 2.73 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.40 1.64 0.00	35.24 1.69 0.00	31.33 1.47 0.00	36.02 1.63 0.00	32.02 1.45 0.00	31.25 1.37 0.00	35.79 1.63 0.00	36.26 1.70 0.00	35.87 1.68 0.00	34.29 1.52 0.00	43.57 1.98 0.00	41.70 1.96 0.00	43.66 2.12 0.00	45.89 2.18 0.00	44.58 2.23 0.00	44.28 2.15 0.00	43.39 1.79 0.00	49.47 2.09 0.00	52.56 2.48 0.00	60.25 2.52 0.00	47.43 1.95 0.00	42.99 1.68 0.00	51.77 1.76 0.00	53.91 1.64 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.42 1.67 0.00	35.25 1.70 0.00	31.36 1.49 0.00	36.05 1.65 0.00	32.02 1.45 0.00	31.26 1.38 0.00	35.80 1.65 0.00	36.28 1.72 0.00	35.88 1.69 0.00	34.30 1.53 0.00	43.58 1.99 0.00	41.70 1.96 0.00	43.68 2.14 0.00	45.91 2.20 0.00	44.59 2.24 0.00	44.30 2.17 0.00	43.40 1.80 0.00	49.49 2.11 0.00	52.56 2.49 0.00	60.28 2.55 0.00	47.46 1.97 0.00	43.01 1.70 0.00	51.79 1.78 0.00	53.95 1.68 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	34.39 1.63 0.00	35.22 1.67 0.00	31.33 1.46 0.00	36.01 1.62 0.00	32.00 1.43 0.00	31.24 1.36 0.00	35.77 1.62 0.00	36.25 1.68 0.00	35.86 1.66 0.00	34.27 1.50 0.00	43.54 1.94 0.00	41.67 1.93 0.00	43.64 2.10 0.00	45.87 2.16 0.00	44.57 2.21 0.00	44.26 2.13 0.00	43.37 1.77 0.00	49.44 2.06 0.00	52.51 2.43 0.00	60.21 2.48 0.00	47.41 1.93 0.00	42.96 1.65 0.00	51.74 1.73 0.00	53.89 1.62 0.00
FARRAGUT___LBMP 323566	34.36 1.61 0.00	35.20 1.65 0.00	31.30 1.44 0.00	35.99 1.59 0.00	31.98 1.41 0.00	31.22 1.34 0.00	35.75 1.60 0.00	36.23 1.66 0.00	35.83 1.64 0.00	34.25 1.48 0.00	43.51 1.92 0.00	41.65 1.91 0.00	43.61 2.06 0.00	45.84 2.13 0.00	44.54 2.19 0.00	44.24 2.10 0.00	43.34 1.74 0.00	49.41 2.03 0.00	52.49 2.41 0.00	60.17 2.44 0.00	47.37 1.89 0.00	42.93 1.62 0.00	51.70 1.69 0.00	53.85 1.58 0.00
FENNER___WINDPWR 24204	33.42 0.00 -0.66	33.52 -0.03 0.00	29.83 -0.04 0.00	34.37 -0.02 0.00	30.58 0.01 0.00	29.97 0.09 0.00	34.30 0.14 0.00	34.76 0.20 0.00	34.45 0.25 0.00	33.14 0.36 0.00	42.01 0.42 0.00	40.03 0.29 0.00	41.80 0.26 0.00	44.04 0.33 0.00	42.64 0.20 -0.09	42.40 0.27 0.00	42.06 0.46 0.00	47.96 0.58 0.00	50.73 0.65 0.00	58.48 0.76 0.00	46.01 0.52 0.00	41.67 0.36 0.00	50.39 0.38 0.00	52.73 0.45 0.00
FIBERTEK___ENERGY 23856	32.20 -0.56 0.00	32.94 -0.61 0.00	29.33 -0.53 0.00	33.78 -0.62 0.00	30.01 -0.56 0.00	29.37 -0.51 0.00	33.51 -0.64 0.00	33.94 -0.62 0.00	33.68 -0.52 0.00	32.36 -0.41 0.00	41.04 -0.55 0.00	39.14 -0.60 0.00	40.92 -0.62 0.00	43.08 -0.63 0.00	41.65 -0.70 0.00	41.51 -0.62 0.00	41.16 -0.44 0.00	46.88 -0.50 0.00	49.56 -0.52 0.00	57.20 -0.53 0.00	44.99 -0.50 0.00	40.82 -0.49 0.00	49.36 -0.65 0.00	51.63 -0.64 0.00
FITZPATRICK____ 23598	31.41 -1.35 0.00	32.15 -1.41 0.00	28.64 -1.22 0.00	32.95 -1.44 0.00	29.29 -1.28 0.00	28.65 -1.23 0.00	32.65 -1.50 0.00	33.04 -1.52 0.00	32.74 -1.45 0.00	31.44 -1.33 0.00	39.84 -1.75 0.00	38.04 -1.70 0.00	39.76 -1.78 0.00	41.84 -1.87 0.00	40.52 -1.83 0.00	40.34 -1.79 0.00	39.90 -1.70 0.00	45.41 -1.97 0.00	47.99 -2.09 0.00	55.35 -2.37 0.00	43.59 -1.90 0.00	39.59 -1.72 0.00	47.91 -2.09 0.00	50.11 -2.17 0.00
FLOWRFLD_69_KV_BK1 356044	37.47 2.16 -2.55	35.96 2.41 0.00	31.95 2.08 0.00	36.75 2.36 0.00	32.66 2.09 0.00	31.85 1.97 0.00	36.50 2.35 0.00	36.98 2.41 0.00	36.71 2.52 0.00	34.86 2.09 0.00	44.33 2.74 0.00	42.55 2.81 0.00	44.32 2.78 0.00	46.18 2.47 0.00	48.98 2.84 -3.79	91.05 3.16 -45.76	44.19 2.58 0.00	50.73 3.36 0.00	54.08 4.00 0.00	62.10 4.38 0.00	48.76 3.28 0.00	44.08 2.77 0.00	52.92 2.91 0.00	55.15 2.87 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	34.40 1.64 0.00	35.27 1.71 0.00	31.37 1.51 0.00	36.07 1.68 0.00	32.05 1.48 0.00	31.29 1.42 0.00	35.86 1.71 0.00	36.35 1.79 0.00	35.94 1.74 0.00	34.31 1.54 0.00	43.59 2.00 0.00	41.71 1.97 0.00	43.76 2.21 0.00	46.05 2.34 0.00	44.69 2.34 0.00	44.41 2.28 0.00	43.66 2.06 0.00	49.86 2.48 0.00	52.98 2.91 0.00	60.85 3.13 0.00	47.87 2.39 0.00	43.40 2.08 0.00	52.29 2.28 0.00	54.54 2.26 0.00
FORT ORANGE____ 23900	33.55 0.79 0.00	34.44 0.89 0.00	30.67 0.81 0.00	35.28 0.89 0.00	31.37 0.79 0.00	30.63 0.75 0.00	35.12 0.96 0.00	35.54 0.97 0.00	35.05 0.86 0.00	33.46 0.69 0.00	42.92 1.33 0.00	41.02 1.28 0.00	43.02 1.48 0.00	45.30 1.59 0.00	43.97 1.62 0.00	43.74 1.60 0.00	43.09 1.49 0.00	49.15 1.77 0.00	52.04 1.96 0.00	59.83 2.10 0.00	47.20 1.72 0.00	42.77 1.46 0.00	51.76 1.75 0.00	53.99 1.72 0.00
FORT_DRUM_COGEN 23780	32.64 -0.12 0.00	33.30 -0.24 0.00	29.55 -0.32 0.00	34.05 -0.35 0.00	30.27 -0.30 0.00	29.67 -0.21 0.00	33.89 -0.26 0.00	34.33 -0.23 0.00	34.16 -0.03 0.00	33.15 0.37 0.00	41.66 0.07 0.00	39.08 -0.66 0.00	40.01 -1.54 0.00	43.00 -0.71 0.00	41.96 -0.39 0.00	41.86 -0.27 0.00	42.03 0.43 0.00	48.24 0.86 0.00	51.41 1.33 0.00	59.90 2.17 0.00	47.10 1.61 0.00	42.31 1.00 0.00	51.51 1.50 0.00	54.07 1.80 0.00
FOX_HILLS___ESR 323835	59.79 1.83 -25.20	55.80 1.91 -20.34	55.08 1.69 -23.52	55.09 1.89 -18.81	55.08 1.69 -22.82	55.07 1.63 -23.56	55.83 1.95 -19.73	55.80 2.00 -19.24	55.57 2.00 -19.38	-1407.69 1.68 1442.14	67.13 2.29 -23.24	60.26 2.22 -18.30	59.10 2.39 -15.16	59.11 2.48 -12.92	65.29 2.57 -20.37	60.37 2.48 -15.76	60.30 2.20 -16.50	65.73 2.52 -15.83	61.29 2.90 -8.31	61.45 2.92 -0.80	60.54 2.38 -12.67	62.55 2.10 -19.14	58.95 2.09 -6.86	76.02 2.03 -21.71
FPL FAR_ROCK_GT1 24212	37.54 2.23 -2.55	35.89 2.34 0.00	31.92 2.05 0.00	36.70 2.31 0.00	32.62 2.05 0.00	31.83 1.96 0.00	36.47 2.31 0.00	36.91 2.34 0.00	36.59 2.40 0.00	34.80 2.03 0.00	44.41 2.82 0.00	42.51 2.77 0.00	44.29 2.75 0.00	46.46 2.75 0.00	49.25 3.11 -3.79	91.03 3.13 -45.76	44.25 2.65 0.00	50.64 3.27 0.00	53.76 3.68 0.00	61.69 3.97 0.00	48.51 3.02 0.00	43.90 2.59 0.00	52.76 2.75 0.00	55.00 2.72 0.00

FPL FAR_ROCK_GT2 23815	37.54 2.23 -2.55	35.89 2.34 0.00	31.92 2.05 0.00	36.70 2.31 0.00	32.62 2.05 0.00	31.83 1.96 0.00	36.47 2.31 0.00	36.91 2.34 0.00	36.59 2.40 0.00	34.80 2.03 0.00	44.41 2.82 0.00	42.51 2.77 0.00	44.29 2.75 0.00	46.46 2.75 0.00	49.25 3.11 -3.79	91.03 3.13 -45.76	44.25 2.65 0.00	50.64 3.27 0.00	53.76 3.68 0.00	61.69 3.97 0.00	48.51 3.02 0.00	43.90 2.59 0.00	52.76 2.75 0.00	55.00 2.72 0.00
FRANKLIN_FALL_HYD 24054	33.58 0.83 0.00	34.18 0.62 0.00	30.36 0.49 0.00	34.98 0.59 0.00	31.17 0.60 0.00	30.51 0.64 0.00	34.91 0.75 0.00	35.47 0.91 0.00	35.03 0.84 0.00	33.45 0.68 0.00	42.22 0.63 0.00	42.79 0.47 -2.57	44.33 0.40 -2.39	47.06 0.60 -2.75	46.02 0.71 -2.96	45.76 0.69 -2.94	44.67 0.70 -2.38	50.70 0.68 -2.64	53.89 0.22 -3.59	62.39 0.69 -3.98	46.59 0.79 -0.31	42.34 1.04 0.00	51.67 1.30 -0.37	56.57 1.36 -2.94
FREEPORT_EQUUS_GT1 23764	37.35 2.04 -2.55	35.71 2.16 0.00	31.75 1.88 0.00	36.51 2.12 0.00	32.45 1.88 0.00	31.66 1.79 0.00	36.29 2.13 0.00	36.73 2.17 0.00	36.42 2.23 0.00	34.62 1.85 0.00	44.16 2.57 0.00	42.27 2.53 0.00	44.04 2.50 0.00	46.12 2.41 0.00	48.89 2.76 -3.79	90.62 2.73 -45.76	43.88 2.28 0.00	50.24 2.87 0.00	53.46 3.38 0.00	61.37 3.64 0.00	48.21 2.72 0.00	43.63 2.32 0.00	52.42 2.41 0.00	54.64 2.36 0.00
FREEPORT___CT2 23818	37.35 2.04 -2.55	35.71 2.16 0.00	31.75 1.88 0.00	36.51 2.12 0.00	32.45 1.88 0.00	31.66 1.79 0.00	36.29 2.13 0.00	36.73 2.17 0.00	36.42 2.23 0.00	34.62 1.85 0.00	44.16 2.57 0.00	42.27 2.53 0.00	44.04 2.50 0.00	46.12 2.41 0.00	48.89 2.76 -3.79	90.62 2.73 -45.76	43.88 2.28 0.00	50.24 2.87 0.00	53.46 3.38 0.00	61.37 3.64 0.00	48.21 2.72 0.00	43.63 2.32 0.00	52.42 2.41 0.00	54.64 2.36 0.00
FRESHKLS_33_KV_LOAD 356253	59.73 1.77 -25.20	55.78 1.89 -20.34	55.06 1.67 -23.52	55.08 1.88 -18.81	55.07 1.69 -22.82	55.07 1.63 -23.56	55.84 1.96 -19.73	55.79 1.99 -19.24	55.54 1.97 -19.38	-1407.80 1.57 1442.14	67.04 2.20 -23.24	60.18 2.14 -18.30	59.01 2.30 -15.16	59.01 2.38 -12.92	65.21 2.48 -20.37	60.28 2.39 -15.76	60.24 2.15 -16.50	65.68 2.47 -15.83	61.27 2.88 -8.31	61.41 2.89 -0.80	60.56 2.41 -12.67	62.58 2.13 -19.14	58.93 2.06 -6.86	76.03 2.06 -21.71
FULTON COGEN____ 23766	32.20 -0.56 0.00	32.93 -0.62 0.00	29.32 -0.55 0.00	33.74 -0.65 0.00	29.95 -0.62 0.00	29.33 -0.54 0.00	33.46 -0.69 0.00	33.89 -0.67 0.00	33.67 -0.52 0.00	32.45 -0.32 0.00	41.13 -0.46 0.00	39.19 -0.55 0.00	40.92 -0.63 0.00	43.09 -0.62 0.00	41.74 -0.61 0.00	41.63 -0.50 0.00	41.31 -0.29 0.00	47.05 -0.33 0.00	49.79 -0.29 0.00	57.49 -0.23 0.00	45.21 -0.28 0.00	40.97 -0.34 0.00	49.55 -0.46 0.00	51.84 -0.43 0.00
FULTON___LFGE 323630	34.45 1.69 0.00	35.34 1.79 0.00	31.41 1.54 0.00	36.15 1.76 0.00	32.11 1.54 0.00	31.40 1.52 0.00	35.92 1.76 0.00	36.19 1.62 0.00	35.51 1.31 0.00	34.09 1.31 0.00	43.25 1.66 0.00	41.59 1.85 0.00	43.22 1.67 0.00	44.65 0.94 0.00	43.44 1.09 0.00	43.22 1.09 0.00	43.28 1.68 0.00	50.02 2.65 0.00	53.11 3.03 0.00	61.25 3.52 0.00	48.24 2.76 0.00	43.73 2.42 0.00	52.89 2.89 0.00	55.22 2.95 0.00
G.F.CEMENT___DRP 24184	35.40 2.65 0.00	36.46 2.91 0.00	32.46 2.59 0.00	37.33 2.94 0.00	33.17 2.60 0.00	32.45 2.57 0.00	37.29 3.14 0.00	37.86 3.29 0.00	37.45 3.26 0.00	35.72 2.95 0.00	45.50 3.91 0.00	43.71 3.97 0.00	45.86 4.32 0.00	48.15 4.44 0.00	46.48 4.13 0.00	46.17 4.04 0.00	45.71 4.11 0.00	52.35 4.98 0.00	55.49 5.41 0.00	63.84 6.11 0.00	50.19 4.70 0.00	45.58 4.27 0.00	55.27 5.27 0.00	57.65 5.38 0.00
GARDENVILLE___LBMP 24039	28.96 -2.85 0.95	30.31 -3.24 0.00	26.97 -2.90 0.00	31.29 -3.11 0.00	27.52 -3.05 0.00	27.10 -2.78 0.00	30.99 -3.16 0.00	31.14 -3.37 0.05	31.08 -3.11 0.00	29.64 -2.67 0.46	31.37 -3.49 6.73	32.98 -3.53 3.23	30.31 -3.65 7.59	36.95 -3.74 3.02	36.18 -4.01 2.17	38.08 -4.00 0.05	36.52 -3.60 1.48	36.36 -4.40 6.62	34.51 -4.95 10.63	43.07 -5.08 9.57	34.05 -4.09 7.36	37.69 -3.57 0.05	45.98 -4.03 0.00	48.74 -3.53 0.00
GARDNVLA_35_KV_LD 355827	29.11 -2.70 0.94	30.46 -3.08 0.00	27.10 -2.77 0.00	31.42 -2.97 0.00	27.65 -2.93 0.00	27.23 -2.65 0.00	31.14 -3.02 0.00	31.32 -3.21 0.04	31.27 -2.92 0.00	29.92 -2.48 0.38	32.86 -3.29 5.45	33.80 -3.33 2.61	31.95 -3.46 6.14	37.75 -3.51 2.45	36.79 -3.78 1.78	38.33 -3.76 0.04	37.02 -3.38 1.20	37.87 -4.18 5.33	36.79 -4.72 8.56	45.18 -4.84 7.71	35.69 -3.88 5.92	37.91 -3.36 0.04	46.24 -3.76 0.00	49.02 -3.26 0.00
GELCKHM__115KV_LOAD 80723	31.91 -0.84 0.00	32.65 -0.90 0.00	29.09 -0.78 0.00	33.47 -0.92 0.00	29.74 -0.83 0.00	29.11 -0.77 0.00	33.19 -0.96 0.00	33.61 -0.96 0.00	33.33 -0.86 0.00	32.04 -0.74 0.00	40.61 -0.98 0.00	38.75 -0.99 0.00	40.51 -1.03 0.00	42.65 -1.06 0.00	41.26 -1.09 0.00	41.11 -1.02 0.00	40.72 -0.88 0.00	46.35 -1.03 0.00	49.00 -1.08 0.00	56.55 -1.19 0.00	44.49 -1.00 0.00	40.38 -0.93 0.00	48.83 -1.18 0.00	51.08 -1.20 0.00
GENERAL___MILLS 23808	29.07 -2.74 0.94	30.42 -3.13 0.00	27.06 -2.81 0.00	31.39 -3.00 0.00	27.61 -2.96 0.00	27.20 -2.68 0.00	31.10 -3.05 0.00	31.26 -3.26 0.04	31.21 -2.98 0.00	29.83 -2.54 0.40	32.44 -3.35 5.79	33.56 -3.40 2.78	31.51 -3.51 6.53	37.53 -3.58 2.60	36.62 -3.86 1.88	38.25 -3.84 0.04	36.87 -3.46 1.27	37.45 -4.25 5.68	36.17 -4.79 9.12	44.61 -4.91 8.21	35.23 -3.95 6.31	37.84 -3.43 0.04	46.16 -3.84 0.00	48.93 -3.34 0.00
GE_PLASTICS___DRP 24183	33.41 0.66 0.00	34.31 0.76 0.00	30.56 0.69 0.00	35.17 0.78 0.00	31.25 0.68 0.00	30.51 0.63 0.00	34.96 0.80 0.00	35.38 0.81 0.00	34.94 0.75 0.00	33.38 0.61 0.00	42.68 1.09 0.00	40.84 1.10 0.00	42.78 1.24 0.00	44.99 1.28 0.00	43.65 1.30 0.00	43.40 1.27 0.00	42.77 1.17 0.00	48.76 1.38 0.00	51.59 1.51 0.00	59.32 1.59 0.00	46.76 1.28 0.00	42.40 1.09 0.00	51.30 1.29 0.00	53.55 1.27 0.00
GILBOA___1 23756	33.39 0.63 0.00	34.35 0.80 0.00	30.58 0.71 0.00	35.20 0.81 0.00	31.26 0.69 0.00	30.44 0.56 0.00	34.85 0.70 0.00	35.29 0.72 0.00	34.90 0.70 0.00	33.38 0.61 0.00	42.50 0.90 0.00	40.63 0.89 0.00	42.54 1.00 0.00	44.71 1.00 0.00	43.36 1.00 0.00	43.12 0.99 0.00	42.48 0.88 0.00	48.43 1.05 0.00	51.20 1.12 0.00	59.01 1.28 0.00	46.46 0.97 0.00	42.15 0.84 0.00	50.93 0.92 0.00	53.20 0.92 0.00
GILBOA___2 23757	33.39 0.63 0.00	34.35 0.80 0.00	30.58 0.71 0.00	35.20 0.81 0.00	31.26 0.69 0.00	30.44 0.56 0.00	34.85 0.70 0.00	35.29 0.72 0.00	34.90 0.70 0.00	33.38 0.61 0.00	42.50 0.90 0.00	40.63 0.89 0.00	42.54 1.00 0.00	44.71 1.00 0.00	43.36 1.00 0.00	43.12 0.99 0.00	42.48 0.88 0.00	48.43 1.05 0.00	51.20 1.12 0.00	59.01 1.28 0.00	46.46 0.97 0.00	42.15 0.84 0.00	50.93 0.92 0.00	53.20 0.92 0.00

GILBOA___3 23758	33.39 0.63 0.00	34.35 0.80 0.00	30.58 0.71 0.00	35.20 0.81 0.00	31.26 0.69 0.00	30.44 0.56 0.00	34.85 0.70 0.00	35.29 0.72 0.00	34.90 0.70 0.00	33.38 0.61 0.00	42.50 0.90 0.00	40.63 0.89 0.00	42.54 1.00 0.00	44.71 1.00 0.00	43.36 1.00 0.00	43.12 0.99 0.00	42.48 0.88 0.00	48.43 1.05 0.00	51.20 1.12 0.00	59.01 1.28 0.00	46.46 0.97 0.00	42.15 0.84 0.00	50.93 0.92 0.00	53.20 0.92 0.00
GILBOA___4 23759	33.39 0.63 0.00	34.35 0.80 0.00	30.58 0.71 0.00	35.20 0.81 0.00	31.26 0.69 0.00	30.44 0.56 0.00	34.85 0.70 0.00	35.29 0.72 0.00	34.90 0.70 0.00	33.38 0.61 0.00	42.50 0.90 0.00	40.63 0.89 0.00	42.54 1.00 0.00	44.71 1.00 0.00	43.36 1.00 0.00	43.12 0.99 0.00	42.48 0.88 0.00	48.43 1.05 0.00	51.20 1.12 0.00	59.01 1.28 0.00	46.46 0.97 0.00	42.15 0.84 0.00	50.93 0.92 0.00	53.20 0.92 0.00
GILBOA___ 23599	33.39 0.63 0.00	34.35 0.80 0.00	30.58 0.72 0.00	35.20 0.81 0.00	31.26 0.69 0.00	30.44 0.56 0.00	34.85 0.70 0.00	35.29 0.72 0.00	34.90 0.70 0.00	33.38 0.61 0.00	42.50 0.91 0.00	40.63 0.89 0.00	42.54 1.00 0.00	44.72 1.01 0.00	43.36 1.00 0.00	43.12 0.99 0.00	42.48 0.88 0.00	48.43 1.05 0.00	51.20 1.12 0.00	59.01 1.29 0.00	46.46 0.97 0.00	42.15 0.84 0.00	50.93 0.93 0.00	53.20 0.92 0.00
GINNA___ 23603	29.24 -3.05 0.47	30.25 -3.30 0.00	26.93 -2.94 0.00	31.09 -3.31 0.00	27.51 -3.06 0.00	27.02 -2.86 0.00	30.91 -3.24 0.00	31.26 -3.30 0.00	31.13 -3.06 0.00	30.01 -2.76 0.00	37.92 -3.67 0.00	36.18 -3.56 0.00	37.75 -3.79 0.00	39.84 -3.87 0.00	38.46 -3.83 0.06	38.40 -3.73 0.00	38.10 -3.49 0.00	43.19 -4.19 0.00	45.49 -4.58 0.00	52.69 -5.04 0.00	41.44 -4.05 0.00	37.69 -3.62 0.00	45.71 -4.30 0.00	48.01 -4.27 0.00
GLEN PARK___ 23778	32.80 0.04 0.00	33.46 -0.10 0.00	29.68 -0.19 0.00	34.20 -0.19 0.00	30.41 -0.16 0.00	29.81 -0.07 0.00	34.05 -0.10 0.00	34.51 -0.06 0.00	34.33 0.14 0.00	33.30 0.53 0.00	41.80 0.21 0.00	39.16 -0.58 0.00	40.06 -1.48 0.00	43.06 -0.65 0.00	42.12 -0.23 0.00	42.03 -0.10 0.00	42.25 0.65 0.00	48.55 1.17 0.00	51.76 1.69 0.00	60.30 2.57 0.00	47.40 1.92 0.00	42.58 1.27 0.00	51.81 1.80 0.00	54.37 2.09 0.00
GLENDALE_27_KV_LOAD 356172	35.08 1.86 -0.46	35.68 1.90 -0.23	32.62 1.67 -1.08	36.32 1.84 -0.09	33.32 1.63 -1.12	32.51 1.56 -1.07	36.10 1.86 -0.09	36.59 1.93 -0.10	36.68 1.96 -0.53	34.55 1.77 0.00	43.90 2.31 -0.01	41.98 2.24 0.00	43.95 2.41 0.00	46.19 2.49 0.00	44.95 2.60 -0.01	44.63 2.50 0.00	43.78 2.17 -0.01	49.87 2.49 0.00	52.97 2.89 0.00	60.70 2.98 0.00	47.81 2.33 0.00	43.33 2.02 0.00	52.11 2.11 0.00	54.28 2.01 0.00
GLENWOOD_IC_1_G5 23712	37.31 2.00 -2.55	35.67 2.12 0.00	31.71 1.84 0.00	36.47 2.08 0.00	32.41 1.84 0.00	31.63 1.75 0.00	36.25 2.09 0.00	36.70 2.13 0.00	36.37 2.18 0.00	34.61 1.84 0.00	44.14 2.55 0.00	42.23 2.49 0.00	44.05 2.51 0.00	46.18 2.48 0.00	48.91 2.77 -3.79	90.70 2.81 -45.76	43.92 2.32 0.00	50.03 2.65 0.00	53.20 3.12 0.00	61.07 3.34 0.00	48.00 2.52 0.00	43.44 2.13 0.00	52.21 2.20 0.00	54.43 2.16 0.00
GLENWOOD_IC_2_G1 23688	37.23 1.92 -2.55	35.58 2.03 0.00	31.64 1.77 0.00	36.38 1.99 0.00	32.33 1.76 0.00	31.55 1.67 0.00	36.15 2.00 0.00	36.60 2.04 0.00	36.27 2.08 0.00	34.52 1.75 0.00	44.01 2.42 0.00	42.13 2.39 0.00	43.96 2.42 0.00	46.08 2.37 0.00	48.79 2.65 -3.79	90.58 2.69 -45.76	43.81 2.21 0.00	50.03 2.65 0.00	53.19 3.11 0.00	61.06 3.34 0.00	48.00 2.51 0.00	43.44 2.13 0.00	52.22 2.21 0.00	54.43 2.16 0.00
GLENWOOD_IC_3_G1 23689	37.23 1.92 -2.55	35.58 2.03 0.00	31.64 1.77 0.00	36.38 1.99 0.00	32.33 1.76 0.00	31.55 1.67 0.00	36.15 2.00 0.00	36.60 2.04 0.00	36.27 2.08 0.00	34.52 1.75 0.00	44.01 2.42 0.00	42.13 2.39 0.00	43.96 2.42 0.00	46.08 2.37 0.00	48.79 2.65 -3.79	90.58 2.69 -45.76	43.81 2.21 0.00	50.03 2.65 0.00	53.19 3.11 0.00	61.06 3.34 0.00	48.00 2.51 0.00	43.44 2.13 0.00	52.22 2.21 0.00	54.43 2.16 0.00
GLENWOOD___4 23550	37.31 2.00 -2.55	35.67 2.12 0.00	31.71 1.84 0.00	36.47 2.08 0.00	32.41 1.84 0.00	31.63 1.75 0.00	36.25 2.09 0.00	36.70 2.13 0.00	36.37 2.18 0.00	34.61 1.84 0.00	44.14 2.55 0.00	42.23 2.49 0.00	44.05 2.51 0.00	46.18 2.48 0.00	48.91 2.77 -3.79	90.70 2.81 -45.76	43.92 2.32 0.00	50.08 2.70 0.00	53.26 3.17 0.00	61.13 3.40 0.00	48.05 2.57 0.00	43.48 2.18 0.00	52.27 2.26 0.00	54.49 2.21 0.00
GLENWOOD___5 23614	37.31 2.00 -2.55	35.67 2.12 0.00	31.71 1.84 0.00	36.47 2.08 0.00	32.41 1.84 0.00	31.63 1.75 0.00	36.25 2.09 0.00	36.70 2.13 0.00	36.37 2.18 0.00	34.61 1.84 0.00	44.14 2.55 0.00	42.23 2.49 0.00	44.05 2.51 0.00	46.18 2.48 0.00	48.91 2.77 -3.79	90.70 2.81 -45.76	43.92 2.32 0.00	50.08 2.70 0.00	53.26 3.17 0.00	61.13 3.40 0.00	48.05 2.57 0.00	43.48 2.18 0.00	52.27 2.26 0.00	54.49 2.21 0.00
GLOBAL GREEN_PORT_GT1 23814	36.84 1.53 -2.55	35.36 1.81 0.00	31.45 1.59 0.00	36.19 1.79 0.00	32.17 1.60 0.00	31.37 1.49 0.00	35.97 1.82 0.00	36.44 1.88 0.00	36.20 2.00 0.00	34.23 1.46 0.00	43.50 1.91 0.00	41.92 2.18 0.00	43.62 2.08 0.00	45.32 1.61 0.00	48.12 1.98 -3.79	90.09 2.20 -45.76	43.30 1.70 0.00	50.02 2.64 0.00	53.42 3.34 0.00	61.35 3.62 0.00	48.18 2.69 0.00	43.50 2.19 0.00	52.22 2.22 0.00	54.39 2.11 0.00
GLOBE___DSASP 323697	28.14 -3.81 0.81	29.23 -4.33 0.00	26.01 -3.85 0.00	30.18 -4.22 0.00	26.53 -4.05 0.00	26.15 -3.73 0.00	29.90 -4.26 0.00	30.01 -4.52 0.03	30.01 -4.18 0.00	28.76 -3.70 0.31	32.25 -4.89 4.45	32.82 -4.79 2.13	31.49 -5.05 5.01	36.56 -5.15 2.00	35.62 -5.28 1.46	36.79 -5.31 0.03	35.62 -5.00 0.98	36.89 -6.10 4.39	36.27 -6.75 7.05	44.22 -7.16 6.35	34.88 -5.72 4.88	36.14 -5.14 0.03	44.16 -5.85 0.00	46.86 -5.41 0.00
GOETHSLN___LBMP 323567	34.21 1.45 0.00	35.04 1.49 0.00	31.16 1.29 0.00	35.82 1.43 0.00	31.84 1.27 0.00	31.08 1.20 0.00	35.59 1.44 0.00	36.06 1.49 0.00	35.63 1.44 0.00	34.08 1.31 0.00	43.22 1.63 0.00	41.35 1.61 0.00	43.31 1.77 0.00	45.54 1.83 0.00	44.24 1.89 0.00	43.94 1.81 0.00	43.03 1.43 0.00	49.08 1.70 0.00	52.16 2.08 0.00	59.81 2.08 0.00	47.09 1.61 0.00	42.67 1.36 0.00	51.38 1.37 0.00	53.44 1.23 0.07
GOLAH___69_KV_TB 1_2 80279	30.31 -1.90 0.54	31.33 -2.22 0.00	27.88 -1.99 0.00	32.22 -2.17 0.00	28.47 -2.10 0.00	28.00 -1.88 0.00	32.03 -2.12 0.00	32.35 -2.21 0.00	32.26 -1.94 0.00	31.14 -1.63 0.00	39.31 -2.28 0.00	37.42 -2.32 0.00	39.01 -2.54 0.00	41.17 -2.54 0.00	39.68 -2.60 0.07	39.65 -2.48 0.00	39.40 -2.20 0.00	44.71 -2.68 -0.01	47.11 -2.99 -0.02	54.70 -3.05 -0.01	43.02 -2.48 -0.01	39.11 -2.20 0.00	47.46 -2.54 0.00	49.99 -2.28 0.00

GOODYEAR_LAKE_HYD 323669	33.61 0.85 0.00	34.45 0.90 0.00	30.64 0.78 0.00	35.29 0.90 0.00	31.34 0.77 0.00	30.61 0.73 0.00	35.02 0.87 0.00	35.44 0.88 0.00	35.19 0.99 0.00	33.74 0.97 0.00	42.75 1.15 0.00	40.81 1.07 0.00	42.71 1.17 0.00	44.90 1.19 0.00	43.46 1.11 0.00	43.27 1.15 0.00	42.82 1.22 0.00	48.92 1.54 0.00	51.77 1.69 0.00	59.74 2.01 0.00	47.00 1.51 0.00	42.62 1.31 0.00	51.47 1.46 0.00	53.78 1.51 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.55 -0.75 0.46	32.78 -0.78 0.00	29.18 -0.69 0.00	33.71 -0.68 0.00	29.88 -0.70 0.00	29.21 -0.66 0.00	33.37 -0.78 0.00	33.79 -0.78 0.00	33.51 -0.68 0.00	32.21 -0.56 0.00	40.93 -0.66 0.00	39.03 -0.71 0.00	40.92 -0.62 0.00	43.02 -0.69 0.00	41.36 -0.93 0.06	41.20 -0.93 0.00	40.89 -0.71 0.00	46.60 -0.78 0.00	49.26 -0.82 0.00	56.93 -0.80 0.00	44.75 -0.74 0.00	40.61 -0.70 0.00	49.07 -0.94 0.00	51.40 -0.88 0.00
GOUDEY___7 23579	31.55 -0.75 0.46	32.78 -0.78 0.00	29.18 -0.69 0.00	33.71 -0.68 0.00	29.88 -0.70 0.00	29.21 -0.66 0.00	33.37 -0.78 0.00	33.79 -0.78 0.00	33.51 -0.68 0.00	32.21 -0.56 0.00	40.93 -0.66 0.00	39.03 -0.71 0.00	40.92 -0.62 0.00	43.02 -0.69 0.00	41.36 -0.93 0.06	41.20 -0.93 0.00	40.89 -0.71 0.00	46.60 -0.78 0.00	49.26 -0.82 0.00	56.93 -0.80 0.00	44.75 -0.74 0.00	40.61 -0.70 0.00	49.07 -0.94 0.00	51.40 -0.88 0.00
GOUDEY___8 23580	31.55 -0.75 0.46	32.78 -0.78 0.00	29.18 -0.69 0.00	33.71 -0.68 0.00	29.88 -0.70 0.00	29.21 -0.66 0.00	33.37 -0.78 0.00	33.79 -0.78 0.00	33.51 -0.68 0.00	32.21 -0.56 0.00	40.93 -0.66 0.00	39.03 -0.71 0.00	40.92 -0.62 0.00	43.02 -0.69 0.00	41.36 -0.93 0.06	41.20 -0.93 0.00	40.89 -0.71 0.00	46.60 -0.78 0.00	49.26 -0.82 0.00	56.93 -0.80 0.00	44.75 -0.74 0.00	40.61 -0.70 0.00	49.07 -0.94 0.00	51.40 -0.88 0.00
GOWANUS_GT1_1 24077	59.87 1.91 -25.20	55.86 1.97 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.11 1.73 -22.82	55.10 1.66 -23.56	55.86 1.98 -19.73	55.86 2.05 -19.24	55.64 2.07 -19.38	592.04 1.80 -557.47	67.24 2.41 -23.24	60.37 2.33 -18.30	59.21 2.51 -15.16	59.23 2.60 -12.92	65.42 2.69 -20.37	60.49 2.60 -15.76	60.39 2.30 -16.50	65.85 2.64 -15.83	61.41 3.02 -8.31	61.60 3.08 -0.80	60.61 2.46 -12.67	62.59 2.14 -19.14	59.03 2.17 -6.86	76.06 2.08 -21.71
GOWANUS_GT1_2 24078	59.87 1.91 -25.20	55.86 1.97 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.11 1.73 -22.82	55.10 1.66 -23.56	55.86 1.98 -19.73	55.86 2.05 -19.24	55.64 2.07 -19.38	592.04 1.80 -557.47	67.24 2.41 -23.24	60.37 2.33 -18.30	59.21 2.51 -15.16	59.23 2.60 -12.92	65.42 2.69 -20.37	60.49 2.60 -15.76	60.39 2.30 -16.50	65.85 2.64 -15.83	61.41 3.02 -8.31	61.60 3.08 -0.80	60.61 2.46 -12.67	62.59 2.14 -19.14	59.03 2.17 -6.86	76.06 2.08 -21.71
GOWANUS_GT1_3 24079	59.87 1.91 -25.20	55.86 1.97 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.11 1.73 -22.82	55.10 1.66 -23.56	55.86 1.98 -19.73	55.86 2.05 -19.24	55.64 2.07 -19.38	592.04 1.80 -557.47	67.24 2.41 -23.24	60.37 2.33 -18.30	59.21 2.51 -15.16	59.23 2.60 -12.92	65.42 2.69 -20.37	60.49 2.60 -15.76	60.39 2.30 -16.50	65.85 2.64 -15.83	61.41 3.02 -8.31	61.60 3.08 -0.80	60.61 2.46 -12.67	62.59 2.14 -19.14	59.03 2.17 -6.86	76.06 2.08 -21.71
GOWANUS_GT1_4 24080	59.87 1.91 -25.20	55.86 1.97 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.11 1.73 -22.82	55.10 1.66 -23.56	55.86 1.98 -19.73	55.86 2.05 -19.24	55.64 2.07 -19.38	592.04 1.80 -557.47	67.24 2.41 -23.24	60.37 2.33 -18.30	59.21 2.51 -15.16	59.23 2.60 -12.92	65.42 2.69 -20.37	60.49 2.60 -15.76	60.39 2.30 -16.50	65.85 2.64 -15.83	61.41 3.02 -8.31	61.60 3.08 -0.80	60.61 2.46 -12.67	62.59 2.14 -19.14	59.03 2.17 -6.86	76.06 2.08 -21.71
GOWANUS_GT1_5 24084	59.87 1.91 -25.20	55.86 1.97 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.11 1.73 -22.82	55.10 1.66 -23.56	55.86 1.98 -19.73	55.86 2.05 -19.24	55.64 2.07 -19.38	592.04 1.80 -557.47	67.24 2.41 -23.24	60.37 2.33 -18.30	59.21 2.51 -15.16	59.23 2.60 -12.92	65.42 2.69 -20.37	60.49 2.60 -15.76	60.39 2.30 -16.50	65.85 2.64 -15.83	61.41 3.02 -8.31	61.60 3.08 -0.80	60.61 2.46 -12.67	62.59 2.14 -19.14	59.03 2.17 -6.86	76.06 2.08 -21.71
GOWANUS_GT1_6 24111	59.87 1.91 -25.20	55.86 1.97 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.11 1.73 -22.82	55.10 1.66 -23.56	55.86 1.98 -19.73	55.86 2.05 -19.24	55.64 2.07 -19.38	592.04 1.80 -557.47	67.24 2.41 -23.24	60.37 2.33 -18.30	59.21 2.51 -15.16	59.23 2.60 -12.92	65.42 2.69 -20.37	60.49 2.60 -15.76	60.39 2.30 -16.50	65.85 2.64 -15.83	61.41 3.02 -8.31	61.60 3.08 -0.80	60.61 2.46 -12.67	62.59 2.14 -19.14	59.03 2.17 -6.86	76.06 2.08 -21.71
GOWANUS_GT1_7 24112	59.87 1.91 -25.20	55.86 1.97 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.11 1.73 -22.82	55.10 1.66 -23.56	55.86 1.98 -19.73	55.86 2.05 -19.24	55.64 2.07 -19.38	592.04 1.80 -557.47	67.24 2.41 -23.24	60.37 2.33 -18.30	59.21 2.51 -15.16	59.23 2.60 -12.92	65.42 2.69 -20.37	60.49 2.60 -15.76	60.39 2.30 -16.50	65.85 2.64 -15.83	61.41 3.02 -8.31	61.60 3.08 -0.80	60.61 2.46 -12.67	62.59 2.14 -19.14	59.03 2.17 -6.86	76.06 2.08 -21.71
GOWANUS_GT1_8 24113	59.87 1.91 -25.20	55.86 1.97 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.11 1.73 -22.82	55.10 1.66 -23.56	55.86 1.98 -19.73	55.86 2.05 -19.24	55.64 2.07 -19.38	592.04 1.80 -557.47	67.24 2.41 -23.24	60.37 2.33 -18.30	59.21 2.51 -15.16	59.23 2.60 -12.92	65.42 2.69 -20.37	60.49 2.60 -15.76	60.39 2.30 -16.50	65.85 2.64 -15.83	61.41 3.02 -8.31	61.60 3.08 -0.80	60.61 2.46 -12.67	62.59 2.14 -19.14	59.03 2.17 -6.86	76.06 2.08 -21.71
GOWANUS_GT2_1 24114	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
GOWANUS_GT2_2 24115	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
GOWANUS_GT2_3 24116	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71

GOWANUS_GT2_4 24117	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
GOWANUS_GT2_5 24118	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
GOWANUS_GT2_6 24119	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
GOWANUS_GT2_7 24120	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
GOWANUS_GT2_8 24121	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
GOWANUS_GT3_1 24122	59.87 1.91 -25.20	55.86 1.97 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.11 1.72 -22.82	55.10 1.66 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	592.04 1.79 -557.47	67.23 2.40 -23.24	60.37 2.32 -18.30	59.21 2.51 -15.16	59.23 2.59 -12.92	65.42 2.69 -20.37	60.49 2.60 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.08 -0.80	60.61 2.46 -12.67	62.59 2.14 -19.14	59.04 2.18 -6.86	76.06 2.08 -21.71
GOWANUS_GT3_2 24123	59.87 1.91 -25.20	55.86 1.97 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.11 1.72 -22.82	55.10 1.66 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	592.04 1.79 -557.47	67.23 2.40 -23.24	60.37 2.32 -18.30	59.21 2.51 -15.16	59.23 2.59 -12.92	65.42 2.69 -20.37	60.49 2.60 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.08 -0.80	60.61 2.46 -12.67	62.59 2.14 -19.14	59.04 2.18 -6.86	76.06 2.08 -21.71
GOWANUS_GT3_3 24124	59.87 1.91 -25.20	55.86 1.97 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.11 1.72 -22.82	55.10 1.66 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	592.04 1.79 -557.47	67.23 2.40 -23.24	60.37 2.32 -18.30	59.21 2.51 -15.16	59.23 2.59 -12.92	65.42 2.69 -20.37	60.49 2.60 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.08 -0.80	60.61 2.46 -12.67	62.59 2.14 -19.14	59.04 2.18 -6.86	76.06 2.08 -21.71
GOWANUS_GT3_4 24125	59.87 1.91 -25.20	55.86 1.97 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.11 1.72 -22.82	55.10 1.66 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	592.04 1.79 -557.47	67.23 2.40 -23.24	60.37 2.32 -18.30	59.21 2.51 -15.16	59.23 2.59 -12.92	65.42 2.69 -20.37	60.49 2.60 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.08 -0.80	60.61 2.46 -12.67	62.59 2.14 -19.14	59.04 2.18 -6.86	76.06 2.08 -21.71
GOWANUS_GT3_5 24126	59.87 1.91 -25.20	55.86 1.97 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.11 1.72 -22.82	55.10 1.66 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	592.04 1.79 -557.47	67.23 2.40 -23.24	60.37 2.32 -18.30	59.21 2.51 -15.16	59.23 2.59 -12.92	65.42 2.69 -20.37	60.49 2.60 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.08 -0.80	60.61 2.46 -12.67	62.59 2.14 -19.14	59.04 2.18 -6.86	76.06 2.08 -21.71
GOWANUS_GT3_6 24127	59.87 1.91 -25.20	55.86 1.97 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.11 1.72 -22.82	55.10 1.66 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	592.04 1.79 -557.47	67.23 2.40 -23.24	60.37 2.32 -18.30	59.21 2.51 -15.16	59.23 2.59 -12.92	65.42 2.69 -20.37	60.49 2.60 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.08 -0.80	60.61 2.46 -12.67	62.59 2.14 -19.14	59.04 2.18 -6.86	76.06 2.08 -21.71
GOWANUS_GT3_7 24128	59.87 1.91 -25.20	55.86 1.97 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.11 1.72 -22.82	55.10 1.66 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	592.04 1.79 -557.47	67.23 2.40 -23.24	60.37 2.32 -18.30	59.21 2.51 -15.16	59.23 2.59 -12.92	65.42 2.69 -20.37	60.49 2.60 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.08 -0.80	60.61 2.46 -12.67	62.59 2.14 -19.14	59.04 2.18 -6.86	76.06 2.08 -21.71
GOWANUS_GT3_8 24129	59.87 1.91 -25.20	55.86 1.97 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.11 1.72 -22.82	55.10 1.66 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	592.04 1.79 -557.47	67.23 2.40 -23.24	60.37 2.32 -18.30	59.21 2.51 -15.16	59.23 2.59 -12.92	65.42 2.69 -20.37	60.49 2.60 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.08 -0.80	60.61 2.46 -12.67	62.59 2.14 -19.14	59.04 2.18 -6.86	76.06 2.08 -21.71
GOWANUS_GT4_1 24130	59.87 1.91 -25.20	55.87 1.98 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.87 1.98 -19.73	55.86 2.05 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.41 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.23 2.60 -12.92	65.42 2.70 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.85 2.64 -15.83	61.42 3.03 -8.31	61.61 3.08 -0.80	60.62 2.46 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
GOWANUS_GT4_2 24131	59.87 1.91 -25.20	55.87 1.98 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.87 1.98 -19.73	55.86 2.05 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.41 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.23 2.60 -12.92	65.42 2.70 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.85 2.64 -15.83	61.42 3.03 -8.31	61.61 3.08 -0.80	60.62 2.46 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71

GOWANUS_GT4_3 24132	59.87 1.91 -25.20	55.87 1.98 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.87 1.98 -19.73	55.86 2.05 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.41 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.23 2.60 -12.92	65.42 2.70 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.85 2.64 -15.83	61.42 3.03 -8.31	61.61 3.08 -0.80	60.62 2.46 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
GOWANUS_GT4_4 24133	59.87 1.91 -25.20	55.87 1.98 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.87 1.98 -19.73	55.86 2.05 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.41 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.23 2.60 -12.92	65.42 2.70 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.85 2.64 -15.83	61.42 3.03 -8.31	61.61 3.08 -0.80	60.62 2.46 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
GOWANUS_GT4_5 24134	59.87 1.91 -25.20	55.87 1.98 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.87 1.98 -19.73	55.86 2.05 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.41 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.23 2.60 -12.92	65.42 2.70 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.85 2.64 -15.83	61.42 3.03 -8.31	61.61 3.08 -0.80	60.62 2.46 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
GOWANUS_GT4_6 24135	59.87 1.91 -25.20	55.87 1.98 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.87 1.98 -19.73	55.86 2.05 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.41 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.23 2.60 -12.92	65.42 2.70 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.85 2.64 -15.83	61.42 3.03 -8.31	61.61 3.08 -0.80	60.62 2.46 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
GOWANUS_GT4_7 24136	59.87 1.91 -25.20	55.87 1.98 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.87 1.98 -19.73	55.86 2.05 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.41 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.23 2.60 -12.92	65.42 2.70 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.85 2.64 -15.83	61.42 3.03 -8.31	61.61 3.08 -0.80	60.62 2.46 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
GOWANUS_GT4_8 24137	59.87 1.91 -25.20	55.87 1.98 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.87 1.98 -19.73	55.86 2.05 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.41 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.23 2.60 -12.92	65.42 2.70 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.85 2.64 -15.83	61.42 3.03 -8.31	61.61 3.08 -0.80	60.62 2.46 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
GREENBSH_115KV_TB3 55895	33.35 0.59 0.00	34.24 0.69 0.00	30.50 0.63 0.00	35.08 0.69 0.00	31.18 0.61 0.00	30.45 0.57 0.00	34.90 0.75 0.00	35.33 0.76 0.00	34.88 0.69 0.00	33.33 0.56 0.00	42.73 1.14 0.00	40.89 1.14 0.00	42.83 1.28 0.00	45.06 1.35 0.00	43.72 1.37 0.00	43.47 1.34 0.00	42.83 1.23 0.00	48.80 1.42 0.00	51.63 1.55 0.00	59.36 1.63 0.00	46.84 1.35 0.00	42.45 1.14 0.00	51.39 1.38 0.00	53.62 1.34 0.00
GREENIDGE_115KV_TB5 80291	28.79 -1.36 2.61	32.08 -1.47 0.00	28.54 -1.33 0.00	33.02 -1.37 0.00	29.23 -1.35 0.00	28.61 -1.27 0.00	32.76 -1.40 0.00	33.23 -1.40 -0.06	32.94 -1.26 0.00	32.31 -1.04 -0.57	48.50 -1.37 -8.28	42.23 -1.49 -3.97	49.32 -1.56 -9.33	45.72 -1.71 -3.72	42.60 -1.92 -2.17	40.41 -1.77 -0.05	42.08 -1.35 -1.82	53.97 -1.57 -8.16	61.38 -1.81 -13.11	67.68 -1.86 -11.81	53.04 -1.53 -9.08	40.22 -1.15 -0.06	48.58 -1.42 0.00	51.04 -1.24 0.00
GREENIDGE___3 23582	28.79 -1.36 2.61	32.08 -1.47 0.00	28.54 -1.33 0.00	33.02 -1.37 0.00	29.23 -1.35 0.00	28.61 -1.27 0.00	32.76 -1.40 0.00	33.23 -1.40 -0.06	32.94 -1.26 0.00	32.31 -1.04 -0.57	48.50 -1.37 -8.28	42.23 -1.49 -3.97	49.32 -1.56 -9.33	45.72 -1.71 -3.72	42.60 -1.92 -2.17	40.41 -1.77 -0.05	42.08 -1.35 -1.82	53.97 -1.57 -8.16	61.38 -1.81 -13.11	67.68 -1.86 -11.81	53.04 -1.53 -9.08	40.22 -1.15 -0.06	48.58 -1.42 0.00	51.04 -1.24 0.00
GREENIDGE___4 23583	28.79 -1.36 2.61	32.08 -1.47 0.00	28.54 -1.33 0.00	33.03 -1.37 0.00	29.23 -1.35 0.00	28.61 -1.26 0.00	32.77 -1.39 0.00	33.23 -1.40 -0.06	32.94 -1.26 0.00	32.31 -1.03 -0.57	48.50 -1.37 -8.28	42.23 -1.49 -3.97	49.32 -1.56 -9.33	45.72 -1.71 -3.72	42.60 -1.92 -2.17	40.42 -1.77 -0.05	42.08 -1.35 -1.82	53.97 -1.57 -8.17	61.39 -1.80 -13.11	67.69 -1.85 -11.81	53.04 -1.53 -9.08	40.22 -1.15 -0.06	48.58 -1.43 0.00	51.04 -1.23 0.00
GREENLWN_69_KV_BK 3 55738	37.13 1.83 -2.55	35.54 1.99 0.00	31.61 1.74 0.00	36.36 1.97 0.00	32.32 1.75 0.00	31.52 1.65 0.00	36.14 1.98 0.00	36.58 2.02 0.00	36.28 2.09 0.00	34.46 1.69 0.00	43.97 2.37 0.00	42.13 2.39 0.00	43.91 2.37 0.00	45.93 2.22 0.00	48.69 2.55 -3.79	90.62 2.73 -45.76	43.74 2.15 0.00	49.99 2.61 0.00	53.19 3.11 0.00	61.08 3.35 0.00	47.97 2.48 0.00	43.39 2.08 0.00	52.07 2.06 0.00	54.30 2.03 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	59.87 1.91 -25.20	55.87 1.98 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.87 1.98 -19.73	55.86 2.05 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.41 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.23 2.60 -12.92	65.42 2.70 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.85 2.64 -15.83	61.42 3.03 -8.31	61.61 3.08 -0.80	60.62 2.46 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
GRISSOM___SOLAR 323813	34.42 1.66 0.00	35.30 1.76 0.00	31.39 1.52 0.00	36.12 1.73 0.00	32.09 1.52 0.00	31.37 1.49 0.00	35.91 1.75 0.00	36.21 1.65 0.00	35.38 1.18 0.00	34.00 1.22 0.00	43.20 1.61 0.00	41.56 1.82 0.00	43.18 1.63 0.00	44.51 0.80 0.00	43.34 0.98 0.00	43.06 0.93 0.00	43.21 1.62 0.00	50.00 2.63 0.00	53.08 3.00 0.00	61.21 3.48 0.00	48.19 2.70 0.00	43.69 2.38 0.00	52.84 2.83 0.00	55.17 2.89 0.00
GROVEVILLE___HYD 323602	34.40 1.64 0.00	35.27 1.71 0.00	31.37 1.51 0.00	36.07 1.68 0.00	32.05 1.48 0.00	31.29 1.42 0.00	35.86 1.71 0.00	36.35 1.79 0.00	35.94 1.74 0.00	34.31 1.54 0.00	43.59 2.00 0.00	41.71 1.97 0.00	43.76 2.21 0.00	46.05 2.34 0.00	44.69 2.34 0.00	44.41 2.28 0.00	43.66 2.06 0.00	49.86 2.48 0.00	52.98 2.91 0.00	60.85 3.13 0.00	47.87 2.39 0.00	43.40 2.08 0.00	52.29 2.28 0.00	54.54 2.26 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.20 -0.56 0.00	32.94 -0.61 0.00	29.33 -0.53 0.00	33.78 -0.62 0.00	30.01 -0.56 0.00	29.37 -0.51 0.00	33.51 -0.64 0.00	33.94 -0.62 0.00	33.68 -0.52 0.00	32.36 -0.41 0.00	41.04 -0.55 0.00	39.14 -0.60 0.00	40.92 -0.62 0.00	43.08 -0.63 0.00	41.65 -0.70 0.00	41.51 -0.62 0.00	41.16 -0.44 0.00	46.88 -0.50 0.00	49.56 -0.52 0.00	57.20 -0.53 0.00	44.99 -0.50 0.00	40.82 -0.49 0.00	49.36 -0.65 0.00	51.63 -0.64 0.00

HAMLTNNY_34_KV_TB 80303	32.37 -0.39 0.00	33.10 -0.45 0.00	29.45 -0.42 0.00	33.97 -0.43 0.00	30.17 -0.40 0.00	29.54 -0.34 0.00	33.71 -0.44 0.00	34.15 -0.41 0.00	33.90 -0.30 0.00	32.52 -0.25 0.00	41.21 -0.38 0.00	39.31 -0.43 0.00	41.11 -0.44 0.00	43.29 -0.42 0.00	41.80 -0.56 0.00	41.66 -0.47 0.00	41.36 -0.24 0.00	47.20 -0.18 0.00	49.90 -0.18 0.00	57.60 -0.12 0.00	45.31 -0.18 0.00	41.05 -0.26 0.00	49.62 -0.38 0.00	51.90 -0.37 0.00
HAMPSHIRE___PAPER_HYD 323593	33.04 0.28 0.00	33.71 0.16 0.00	29.92 0.05 0.00	34.50 0.11 0.00	30.69 0.12 0.00	30.01 0.14 0.00	34.22 0.06 0.00	34.66 0.10 0.00	34.37 0.17 0.00	33.21 0.43 0.00	42.03 0.44 0.00	39.72 -0.02 0.00	41.08 -0.46 0.00	43.79 0.08 0.00	42.47 0.12 0.00	42.26 0.13 0.00	41.99 0.38 0.00	47.78 0.41 0.00	50.37 0.29 0.00	58.58 0.85 0.00	46.23 0.75 0.00	41.90 0.59 0.00	51.13 1.12 0.00	53.67 1.39 0.00
HARDSCRABBLE_WT_PWR 323673	32.93 0.17 0.00	33.91 0.35 0.00	30.19 0.32 0.00	34.58 0.18 0.00	30.73 0.16 0.00	30.02 0.14 0.00	34.39 0.23 0.00	34.57 0.01 0.00	34.27 0.08 0.00	32.53 -0.25 0.00	41.44 -0.15 0.00	39.92 0.18 0.00	41.57 0.03 0.00	43.25 -0.46 0.00	42.17 -0.18 0.00	41.88 -0.25 0.00	41.63 0.03 0.00	47.76 0.38 0.00	50.69 0.61 0.00	58.23 0.50 0.00	45.85 0.36 0.00	41.57 0.26 0.00	50.26 0.25 0.00	52.42 0.14 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	34.16 1.40 0.00	35.03 1.48 0.00	31.16 1.30 0.00	35.85 1.46 0.00	31.85 1.28 0.00	31.10 1.22 0.00	35.61 1.46 0.00	36.05 1.49 0.00	35.64 1.44 0.00	34.04 1.26 0.00	43.18 1.59 0.00	41.29 1.55 0.00	43.33 1.79 0.00	45.60 1.89 0.00	44.24 1.89 0.00	43.97 1.84 0.00	43.17 1.57 0.00	49.30 1.92 0.00	52.44 2.37 0.00	60.21 2.48 0.00	47.39 1.90 0.00	42.94 1.64 0.00	51.70 1.69 0.00	53.89 1.62 0.00
HARSNRAD_115KV_TB1 81005	28.72 -3.25 0.79	29.83 -3.72 0.00	26.54 -3.33 0.00	30.79 -3.60 0.00	27.07 -3.50 0.00	26.69 -3.19 0.00	30.52 -3.63 0.00	30.58 -3.96 0.03	30.55 -3.64 0.00	29.29 -3.17 0.31	33.04 -4.08 4.48	33.46 -4.13 2.15	32.18 -4.31 5.05	37.25 -4.45 2.01	36.27 -4.62 1.46	37.46 -4.64 0.03	36.33 -4.28 0.98	37.81 -5.22 4.34	37.25 -5.85 6.98	45.36 -6.09 6.27	35.80 -4.87 4.82	36.94 -4.34 0.03	45.09 -4.92 0.00	47.82 -4.45 0.00
HARZA MOOSE___RIVER 24016	32.82 0.07 0.00	33.56 0.01 0.00	29.80 -0.07 0.00	34.33 -0.06 0.00	30.54 -0.03 0.00	29.92 0.05 0.00	34.20 0.04 0.00	34.62 0.06 0.00	34.44 0.24 0.00	33.41 0.64 0.00	42.28 0.69 0.00	39.89 0.15 0.00	41.36 -0.19 0.00	44.00 0.29 0.00	42.47 0.11 0.00	42.29 0.16 0.00	42.13 0.53 0.00	48.17 0.79 0.00	51.22 1.14 0.00	59.35 1.62 0.00	46.67 1.18 0.00	42.02 0.71 0.00	51.04 1.03 0.00	53.47 1.19 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.87 -0.89 0.00	32.60 -0.95 0.00	29.04 -0.83 0.00	33.44 -0.95 0.00	29.70 -0.88 0.00	29.06 -0.82 0.00	33.14 -1.01 0.00	33.54 -1.02 0.00	33.28 -0.92 0.00	31.99 -0.78 0.00	40.56 -1.03 0.00	38.72 -1.02 0.00	40.49 -1.05 0.00	42.62 -1.09 0.00	41.23 -1.12 0.00	41.08 -1.05 0.00	40.66 -0.94 0.00	46.25 -1.12 0.00	48.88 -1.20 0.00	56.42 -1.31 0.00	44.38 -1.10 0.00	40.28 -1.04 0.00	48.72 -1.29 0.00	50.95 -1.32 0.00
HELLGATE_13_KV_LD 55870	34.93 1.72 -0.46	35.55 1.77 -0.23	32.50 1.55 -1.08	36.19 1.71 -0.09	33.20 1.52 -1.12	32.40 1.46 -1.07	35.97 1.73 -0.09	36.45 1.79 -0.10	36.54 1.81 -0.53	34.42 1.64 0.00	43.76 2.17 -0.01	41.83 2.09 0.00	43.80 2.26 0.00	46.03 2.32 0.00	44.80 2.44 -0.01	44.47 2.34 0.00	43.60 1.99 -0.01	49.66 2.28 0.00	52.74 2.66 0.00	60.43 2.70 0.00	47.61 2.12 0.00	43.13 1.82 0.00	51.87 1.86 0.00	54.06 1.78 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.93 1.72 -0.46	35.55 1.77 -0.23	32.50 1.55 -1.08	36.19 1.71 -0.09	33.20 1.52 -1.12	32.40 1.46 -1.07	35.97 1.73 -0.09	36.45 1.79 -0.10	36.54 1.81 -0.53	34.42 1.64 0.00	43.76 2.17 -0.01	41.83 2.09 0.00	43.80 2.26 0.00	46.03 2.32 0.00	44.80 2.44 -0.01	44.47 2.34 0.00	43.60 1.99 -0.01	49.66 2.28 0.00	52.74 2.66 0.00	60.43 2.70 0.00	47.61 2.12 0.00	43.13 1.82 0.00	51.87 1.86 0.00	54.06 1.78 0.00
HEMPSTEAD____ 23647	37.21 1.89 -2.55	35.57 2.02 0.00	31.63 1.76 0.00	36.37 1.98 0.00	32.32 1.75 0.00	31.54 1.66 0.00	36.15 1.99 0.00	36.59 2.03 0.00	36.27 2.08 0.00	34.49 1.72 0.00	43.99 2.40 0.00	42.11 2.37 0.00	43.90 2.36 0.00	46.00 2.29 0.00	48.74 2.60 -3.79	90.54 2.64 -45.76	43.73 2.13 0.00	49.96 2.58 0.00	53.15 3.07 0.00	61.01 3.29 0.00	47.95 2.46 0.00	43.39 2.08 0.00	52.13 2.12 0.00	54.34 2.07 0.00
HEWLETT_69_KV_BK3 55828	37.39 2.08 -2.55	35.74 2.18 0.00	31.77 1.91 0.00	36.54 2.15 0.00	32.48 1.91 0.00	31.69 1.82 0.00	36.31 2.16 0.00	36.75 2.19 0.00	36.42 2.23 0.00	34.66 1.89 0.00	44.22 2.63 0.00	42.33 2.59 0.00	44.13 2.59 0.00	46.28 2.57 0.00	49.05 2.91 -3.79	90.82 2.93 -45.76	44.05 2.45 0.00	50.39 3.01 0.00	53.52 3.44 0.00	61.41 3.68 0.00	48.28 2.79 0.00	43.69 2.38 0.00	52.50 2.50 0.00	54.74 2.46 0.00
HICKLING___1 23621	28.53 -1.82 2.41	31.67 -1.88 0.00	28.17 -1.70 0.00	32.70 -1.69 0.00	28.87 -1.70 0.00	28.25 -1.63 0.00	32.31 -1.84 0.00	32.68 -1.90 -0.02	32.41 -1.79 0.00	31.43 -1.51 -0.17	42.18 -1.89 -2.48	38.94 -2.00 -1.19	42.43 -1.91 -2.79	42.71 -2.11 -1.11	40.30 -2.49 -0.44	39.71 -2.44 -0.01	40.18 -1.97 -0.54	47.65 -2.18 -2.44	51.69 -2.32 -3.93	58.88 -2.38 -3.54	46.13 -2.07 -2.72	39.48 -1.85 -0.02	47.70 -2.31 0.00	50.23 -2.04 0.00
HICKLING___2 23622	28.53 -1.82 2.41	31.67 -1.88 0.00	28.17 -1.70 0.00	32.70 -1.69 0.00	28.87 -1.70 0.00	28.25 -1.63 0.00	32.31 -1.84 0.00	32.68 -1.90 -0.02	32.41 -1.79 0.00	31.43 -1.51 -0.17	42.18 -1.89 -2.48	38.94 -2.00 -1.19	42.43 -1.91 -2.79	42.71 -2.11 -1.11	40.30 -2.49 -0.44	39.71 -2.44 -0.01	40.18 -1.97 -0.54	47.65 -2.18 -2.44	51.69 -2.32 -3.93	58.88 -2.38 -3.54	46.13 -2.07 -2.72	39.48 -1.85 -0.02	47.70 -2.31 0.00	50.23 -2.04 0.00
HIGH FALLS___HY 23754	34.39 1.64 0.00	35.23 1.68 0.00	31.33 1.47 0.00	36.03 1.64 0.00	32.01 1.44 0.00	31.27 1.39 0.00	35.81 1.66 0.00	36.32 1.75 0.00	35.87 1.68 0.00	34.23 1.45 0.00	43.23 1.64 0.00	41.50 1.76 0.00	43.60 2.06 0.00	45.76 2.05 0.00	44.40 2.05 0.00	44.13 2.00 0.00	43.33 1.72 0.00	49.68 2.30 0.00	52.96 2.88 0.00	60.88 3.16 0.00	47.89 2.40 0.00	43.41 2.10 0.00	52.23 2.22 0.00	54.46 2.19 0.00
HIGH_RIVER___SOLAR 323847	33.88 1.12 0.00	34.76 1.21 0.00	30.94 1.07 0.00	35.60 1.21 0.00	31.64 1.07 0.00	30.91 1.03 0.00	35.39 1.24 0.00	35.66 1.10 0.00	35.04 0.85 0.00	33.46 0.69 0.00	42.72 1.13 0.00	41.04 1.30 0.00	42.76 1.22 0.00	44.26 0.55 0.00	43.08 0.73 0.00	43.05 0.92 0.00	42.82 1.22 0.00	49.17 1.80 0.00	52.15 2.07 0.00	60.10 2.37 0.00	47.30 1.82 0.00	42.91 1.59 0.00	51.89 1.88 0.00	54.20 1.92 0.00

HILLBURN___GT 23639	34.10 1.34 0.00	34.97 1.42 0.00	31.12 1.25 0.00	35.79 1.40 0.00	31.80 1.23 0.00	31.04 1.16 0.00	35.54 1.38 0.00	35.99 1.42 0.00	35.56 1.37 0.00	33.98 1.21 0.00	43.12 1.53 0.00	41.23 1.50 0.00	43.21 1.67 0.00	45.45 1.74 0.00	44.13 1.78 0.00	43.84 1.71 0.00	42.99 1.39 0.00	49.07 1.70 0.00	52.24 2.16 0.00	59.95 2.22 0.00	47.18 1.70 0.00	42.74 1.43 0.00	51.43 1.42 0.00	53.60 1.33 0.00
HILLSIDE_115KV_TB1 80332	28.56 -1.94 2.26	31.59 -1.96 0.00	28.09 -1.77 0.00	32.60 -1.79 0.00	28.80 -1.77 0.00	28.18 -1.70 0.00	32.20 -1.95 0.00	32.62 -1.96 -0.02	32.33 -1.86 0.00	31.30 -1.62 -0.15	41.81 -1.96 -2.18	38.75 -2.03 -1.05	42.09 -1.91 -2.46	42.60 -2.09 -0.98	40.23 -2.49 -0.37	39.65 -2.49 -0.01	40.03 -2.06 -0.48	47.18 -2.34 -2.15	50.99 -2.53 -3.45	58.20 -2.64 -3.11	45.61 -2.27 -2.39	39.27 -2.05 -0.02	47.44 -2.58 0.00	49.84 -2.43 0.00
HISHELDN_WT_PWR 323625	28.33 -3.28 1.14	29.98 -3.57 0.00	26.68 -3.19 0.00	30.91 -3.48 0.00	27.17 -3.40 0.00	26.69 -3.18 0.00	30.57 -3.59 0.00	30.60 -3.85 0.11	30.55 -3.64 0.00	28.49 -3.21 1.07	21.88 -4.21 15.51	28.03 -4.27 7.44	19.65 -4.42 17.48	32.14 -4.60 6.97	32.68 -4.82 4.86	37.28 -4.73 0.11	33.91 -4.28 3.41	27.11 -4.99 15.28	20.09 -5.45 24.53	29.85 -5.78 22.09	23.82 -4.69 16.98	37.16 -4.04 0.11	45.45 -4.56 0.00	48.24 -4.04 0.00
HOLTSVILLE_IC_1 23690	37.35 2.04 -2.55	35.84 2.29 0.00	31.87 2.00 0.00	36.67 2.28 0.00	32.58 2.01 0.00	31.77 1.89 0.00	36.40 2.25 0.00	36.87 2.30 0.00	36.58 2.39 0.00	34.74 1.97 0.00	44.19 2.60 0.00	42.44 2.70 0.00	44.22 2.68 0.00	46.09 2.38 0.00	48.87 2.73 -3.79	90.86 2.97 -45.76	44.01 2.41 0.00	50.47 3.10 0.00	53.78 3.70 0.00	61.77 4.04 0.00	48.51 3.02 0.00	43.84 2.53 0.00	52.65 2.64 0.00	54.88 2.61 0.00
HOLTSVILLE_IC_10 23699	37.48 2.17 -2.55	35.99 2.44 0.00	31.98 2.12 0.00	36.80 2.41 0.00	32.70 2.13 0.00	31.88 2.00 0.00	36.54 2.39 0.00	37.01 2.44 0.00	36.74 2.54 0.00	34.89 2.12 0.00	44.34 2.75 0.00	42.61 2.87 0.00	44.37 2.82 0.00	46.21 2.50 0.00	49.00 2.86 -3.79	91.06 3.16 -45.76	44.18 2.58 0.00	50.75 3.37 0.00	54.09 4.02 0.00	62.12 4.39 0.00	48.78 3.29 0.00	44.09 2.78 0.00	52.94 2.94 0.00	55.16 2.89 0.00
HOLTSVILLE_IC_2 23691	37.35 2.04 -2.55	35.84 2.29 0.00	31.87 2.00 0.00	36.67 2.28 0.00	32.58 2.01 0.00	31.77 1.89 0.00	36.40 2.25 0.00	36.87 2.30 0.00	36.58 2.39 0.00	34.74 1.97 0.00	44.19 2.60 0.00	42.44 2.70 0.00	44.22 2.68 0.00	46.09 2.38 0.00	48.87 2.73 -3.79	90.86 2.97 -45.76	44.01 2.41 0.00	50.47 3.10 0.00	53.78 3.70 0.00	61.77 4.04 0.00	48.51 3.02 0.00	43.84 2.53 0.00	52.65 2.64 0.00	54.88 2.61 0.00
HOLTSVILLE_IC_3 23692	37.35 2.04 -2.55	35.84 2.29 0.00	31.87 2.00 0.00	36.67 2.28 0.00	32.58 2.01 0.00	31.77 1.89 0.00	36.40 2.25 0.00	36.87 2.30 0.00	36.58 2.39 0.00	34.74 1.97 0.00	44.19 2.60 0.00	42.44 2.70 0.00	44.22 2.68 0.00	46.09 2.38 0.00	48.87 2.73 -3.79	90.86 2.97 -45.76	44.01 2.41 0.00	50.47 3.10 0.00	53.78 3.70 0.00	61.77 4.04 0.00	48.51 3.02 0.00	43.84 2.53 0.00	52.65 2.64 0.00	54.88 2.61 0.00
HOLTSVILLE_IC_4 23693	37.35 2.04 -2.55	35.84 2.29 0.00	31.87 2.00 0.00	36.67 2.28 0.00	32.58 2.01 0.00	31.77 1.89 0.00	36.40 2.25 0.00	36.87 2.30 0.00	36.58 2.39 0.00	34.74 1.97 0.00	44.19 2.60 0.00	42.44 2.70 0.00	44.22 2.68 0.00	46.09 2.38 0.00	48.87 2.73 -3.79	90.86 2.97 -45.76	44.01 2.41 0.00	50.47 3.10 0.00	53.78 3.70 0.00	61.77 4.04 0.00	48.51 3.02 0.00	43.84 2.53 0.00	52.65 2.64 0.00	54.88 2.61 0.00
HOLTSVILLE_IC_5 23694	37.35 2.04 -2.55	35.84 2.29 0.00	31.87 2.00 0.00	36.67 2.28 0.00	32.58 2.01 0.00	31.77 1.89 0.00	36.40 2.25 0.00	36.87 2.30 0.00	36.58 2.39 0.00	34.74 1.97 0.00	44.19 2.60 0.00	42.44 2.70 0.00	44.22 2.68 0.00	46.09 2.38 0.00	48.87 2.73 -3.79	90.86 2.97 -45.76	44.01 2.41 0.00	50.47 3.10 0.00	53.78 3.70 0.00	61.77 4.04 0.00	48.51 3.02 0.00	43.84 2.53 0.00	52.65 2.64 0.00	54.88 2.61 0.00
HOLTSVILLE_IC_6 23695	37.48 2.17 -2.55	35.99 2.44 0.00	31.98 2.12 0.00	36.80 2.41 0.00	32.70 2.13 0.00	31.88 2.00 0.00	36.54 2.39 0.00	37.01 2.44 0.00	36.74 2.54 0.00	34.89 2.12 0.00	44.34 2.75 0.00	42.61 2.87 0.00	44.37 2.82 0.00	46.21 2.50 0.00	49.00 2.86 -3.79	91.06 3.16 -45.76	44.18 2.58 0.00	50.75 3.37 0.00	54.09 4.02 0.00	62.12 4.39 0.00	48.78 3.29 0.00	44.09 2.78 0.00	52.94 2.94 0.00	55.16 2.89 0.00
HOLTSVILLE_IC_7 23696	37.48 2.17 -2.55	35.99 2.44 0.00	31.98 2.12 0.00	36.80 2.41 0.00	32.70 2.13 0.00	31.88 2.00 0.00	36.54 2.39 0.00	37.01 2.44 0.00	36.74 2.54 0.00	34.89 2.12 0.00	44.34 2.75 0.00	42.61 2.87 0.00	44.37 2.82 0.00	46.21 2.50 0.00	49.00 2.86 -3.79	91.06 3.16 -45.76	44.18 2.58 0.00	50.75 3.37 0.00	54.09 4.02 0.00	62.12 4.39 0.00	48.78 3.29 0.00	44.09 2.78 0.00	52.94 2.94 0.00	55.16 2.89 0.00
HOLTSVILLE_IC_8 23697	37.48 2.17 -2.55	35.99 2.44 0.00	31.98 2.12 0.00	36.80 2.41 0.00	32.70 2.13 0.00	31.88 2.00 0.00	36.54 2.39 0.00	37.01 2.44 0.00	36.74 2.54 0.00	34.89 2.12 0.00	44.34 2.75 0.00	42.61 2.87 0.00	44.37 2.82 0.00	46.21 2.50 0.00	49.00 2.86 -3.79	91.06 3.16 -45.76	44.18 2.58 0.00	50.75 3.37 0.00	54.09 4.02 0.00	62.12 4.39 0.00	48.78 3.29 0.00	44.09 2.78 0.00	52.94 2.94 0.00	55.16 2.89 0.00
HOLTSVILLE_IC_9 23698	37.48 2.17 -2.55	35.99 2.44 0.00	31.98 2.12 0.00	36.80 2.41 0.00	32.70 2.13 0.00	31.88 2.00 0.00	36.54 2.39 0.00	37.01 2.44 0.00	36.74 2.54 0.00	34.89 2.12 0.00	44.34 2.75 0.00	42.61 2.87 0.00	44.37 2.82 0.00	46.21 2.50 0.00	49.00 2.86 -3.79	91.06 3.16 -45.76	44.18 2.58 0.00	50.75 3.37 0.00	54.09 4.02 0.00	62.12 4.39 0.00	48.78 3.29 0.00	44.09 2.78 0.00	52.94 2.94 0.00	55.16 2.89 0.00
HOMER_HL_115KV_TB2 355744	29.80 -1.78 1.19	31.57 -1.98 0.00	28.09 -1.77 0.00	32.70 -1.69 0.00	28.80 -1.77 0.00	28.27 -1.61 0.00	32.21 -1.94 0.00	32.37 -2.19 0.01	32.21 -1.98 0.00	31.10 -1.58 0.09	38.43 -1.89 1.27	37.18 -1.95 0.61	38.30 -1.80 1.44	41.11 -2.03 0.57	39.15 -2.66 0.54	39.33 -2.79 0.01	39.01 -2.31 0.28	43.59 -2.55 1.24	45.34 -2.75 1.99	53.22 -2.72 1.79	41.79 -2.33 1.37	39.05 -2.25 0.01	47.52 -2.49 0.00	50.36 -1.92 0.00
HOWARD_WT_PWR 323690	26.93 -3.45 2.39	30.00 -3.55 0.00	26.68 -3.19 0.00	31.11 -3.29 0.00	27.45 -3.12 0.00	26.50 -3.38 0.00	30.54 -3.62 0.00	30.78 -3.92 -0.13	30.23 -3.97 0.00	30.44 -3.55 -1.22	54.53 -4.69 -17.63	43.32 -4.88 -8.45	56.32 -5.09 -19.86	46.24 -5.39 -7.92	41.74 -5.65 -5.04	36.87 -5.38 -0.12	40.70 -4.77 -3.88	59.67 -5.10 -17.38	72.66 -5.34 -27.92	76.92 -5.95 -25.15	59.97 -4.84 -19.33	37.18 -4.25 -0.12	45.16 -4.85 0.00	48.20 -4.07 0.00

HQ_GEN_CEDARS 23644	33.77 1.01 0.00	34.47 0.92 0.00	30.64 0.78 0.00	35.36 0.97 0.00	31.45 0.88 0.00	30.74 0.86 0.00	35.13 0.98 0.00	35.56 0.99 0.00	35.10 0.91 0.00	33.64 0.87 0.00	42.61 1.02 0.00	40.65 0.91 0.00	42.35 0.80 0.00	44.71 1.00 0.00	43.36 1.00 0.00	43.10 0.97 0.00	42.55 0.95 0.00	48.26 0.88 0.00	50.37 0.30 0.00	58.49 0.76 0.00	46.35 0.87 0.00	42.33 1.02 0.00	51.47 1.46 0.00	53.92 1.65 0.00
HQ_GEN_CEDARS_PROXY 323590	33.77 1.01 0.00	34.47 0.92 0.00	30.64 0.78 0.00	35.36 0.97 0.00	31.45 0.88 0.00	30.74 0.86 0.00	35.13 0.98 0.00	36.07 1.00 -0.51	35.10 0.91 0.00	33.85 0.86 -0.21	42.61 1.02 0.00	40.64 0.90 0.00	42.34 0.80 0.00	44.71 1.00 0.00	43.36 1.00 0.00	43.10 0.97 0.00	42.55 0.95 0.00	48.26 0.88 0.00	50.38 0.30 0.00	58.49 0.76 0.00	46.35 0.87 0.00	42.33 1.02 0.00	51.47 1.46 0.00	53.92 1.64 0.00
HQ_GEN_IMPORT 323601	35.53 0.38 -2.39	33.88 0.33 0.00	30.14 0.27 0.00	34.75 0.35 0.00	30.90 0.33 0.00	30.21 0.34 0.00	34.56 0.40 0.00	34.98 0.41 0.00	34.56 0.37 0.00	33.11 0.33 0.00	41.94 0.35 0.00	40.05 0.31 0.00	41.80 0.26 0.00	44.04 0.33 0.00	42.68 0.32 0.00	42.44 0.30 0.00	41.90 0.29 0.00	47.63 0.25 0.00	49.32 0.11 0.87	57.93 0.20 0.00	45.74 0.25 0.00	41.64 0.33 0.00	50.52 0.51 0.00	52.84 0.57 0.00
HQ_GEN_WHEEL 23651	35.53 0.38 -2.39	33.88 0.33 0.00	30.14 0.27 0.00	34.75 0.35 0.00	30.90 0.33 0.00	30.21 0.34 0.00	34.56 0.40 0.00	34.98 0.41 0.00	34.56 0.37 0.00	33.11 0.33 0.00	41.94 0.35 0.00	40.05 0.31 0.00	41.80 0.26 0.00	44.04 0.33 0.00	42.68 0.32 0.00	42.44 0.30 0.00	41.90 0.29 0.00	47.63 0.25 0.00	49.32 0.11 0.87	57.93 0.20 0.00	45.74 0.25 0.00	41.64 0.33 0.00	50.52 0.51 0.00	52.84 0.57 0.00
HUDSON AVE_GT_3 23810	34.42 1.67 0.00	35.24 1.69 0.00	31.35 1.48 0.00	36.05 1.65 0.00	32.03 1.46 0.00	31.26 1.39 0.00	35.80 1.65 0.00	36.28 1.71 0.00	35.88 1.69 0.00	34.30 1.53 0.00	43.58 1.99 0.00	41.71 1.97 0.00	43.68 2.14 0.00	45.91 2.20 0.00	44.60 2.25 0.00	44.30 2.17 0.00	43.40 1.80 0.00	49.49 2.11 0.00	52.56 2.49 0.00	60.28 2.55 0.00	47.45 1.97 0.00	43.00 1.69 0.00	51.77 1.76 0.00	53.93 1.66 0.00
HUDSON AVE_GT_4 23540	34.42 1.67 0.00	35.24 1.69 0.00	31.35 1.48 0.00	36.05 1.65 0.00	32.03 1.46 0.00	31.26 1.39 0.00	35.80 1.65 0.00	36.28 1.71 0.00	35.88 1.69 0.00	34.30 1.53 0.00	43.58 1.99 0.00	41.71 1.97 0.00	43.68 2.14 0.00	45.91 2.20 0.00	44.60 2.25 0.00	44.30 2.17 0.00	43.40 1.80 0.00	49.49 2.11 0.00	52.56 2.49 0.00	60.28 2.55 0.00	47.45 1.97 0.00	43.00 1.69 0.00	51.77 1.76 0.00	53.93 1.66 0.00
HUDSON AVE_GT_5 23657	34.42 1.67 0.00	35.24 1.69 0.00	31.35 1.48 0.00	36.05 1.65 0.00	32.03 1.46 0.00	31.26 1.39 0.00	35.80 1.65 0.00	36.28 1.71 0.00	35.88 1.69 0.00	34.30 1.53 0.00	43.58 1.99 0.00	41.71 1.97 0.00	43.68 2.14 0.00	45.91 2.20 0.00	44.60 2.25 0.00	44.30 2.17 0.00	43.40 1.80 0.00	49.49 2.11 0.00	52.56 2.49 0.00	60.28 2.55 0.00	47.45 1.97 0.00	43.00 1.69 0.00	51.77 1.76 0.00	53.93 1.66 0.00
HUDSON_AVE_10 24168	34.36 1.60 0.00	35.17 1.62 0.00	31.27 1.41 0.00	36.00 1.61 0.00	32.02 1.45 0.00	31.26 1.38 0.00	35.73 1.57 0.00	36.20 1.64 0.00	35.81 1.61 0.00	34.22 1.45 0.00	43.49 1.90 0.00	41.62 1.88 0.00	43.54 2.00 0.00	45.75 2.03 0.00	44.46 2.11 0.00	44.14 2.01 0.00	43.26 1.66 0.00	49.32 1.94 0.00	52.41 2.33 0.00	60.07 2.34 0.00	47.27 1.78 0.00	42.85 1.54 0.00	51.58 1.58 0.00	53.71 1.44 0.00
HUDSON___115KV_TB 4 355613	34.05 1.30 0.00	34.94 1.39 0.00	31.11 1.24 0.00	35.80 1.41 0.00	31.82 1.24 0.00	31.08 1.20 0.00	35.64 1.49 0.00	36.08 1.51 0.00	35.50 1.30 0.00	33.77 1.00 0.00	43.40 1.81 0.00	41.45 1.71 0.00	43.49 1.94 0.00	45.90 2.19 0.00	44.61 2.26 0.00	44.41 2.28 0.00	43.78 2.18 0.00	50.07 2.69 0.00	53.06 2.98 0.00	61.02 3.29 0.00	48.10 2.61 0.00	43.56 2.26 0.00	52.69 2.68 0.00	54.96 2.68 0.00
HUNTER MOUNT___DRP 323613	34.25 1.49 0.00	35.14 1.59 0.00	31.29 1.42 0.00	36.01 1.61 0.00	32.01 1.44 0.00	31.26 1.38 0.00	35.87 1.72 0.00	36.30 1.73 0.00	35.74 1.54 0.00	33.89 1.12 0.00	43.59 2.00 0.00	41.72 1.98 0.00	43.81 2.27 0.00	46.12 2.41 0.00	44.87 2.51 0.00	44.69 2.56 0.00	44.06 2.46 0.00	50.52 3.14 0.00	53.52 3.44 0.00	61.54 3.82 0.00	48.50 3.01 0.00	43.92 2.61 0.00	53.14 3.13 0.00	55.40 3.13 0.00
HUNTINGTON_RES_REC 323705	37.27 1.96 -2.55	35.71 2.16 0.00	31.74 1.87 0.00	36.52 2.13 0.00	32.46 1.89 0.00	31.66 1.78 0.00	36.29 2.13 0.00	36.74 2.18 0.00	36.46 2.27 0.00	34.62 1.84 0.00	44.10 2.51 0.00	42.28 2.53 0.00	44.02 2.47 0.00	45.97 2.26 0.00	48.77 2.63 -3.79	90.80 2.91 -45.76	43.92 2.32 0.00	50.31 2.93 0.00	53.59 3.51 0.00	61.54 3.81 0.00	48.33 2.84 0.00	43.69 2.38 0.00	52.46 2.45 0.00	54.68 2.41 0.00
HUNTLEY___63 23557	28.85 -3.06 0.84	30.03 -3.52 0.00	26.70 -3.16 0.00	30.97 -3.43 0.00	27.23 -3.34 0.00	26.85 -3.03 0.00	30.72 -3.43 0.00	30.83 -3.69 0.04	30.81 -3.38 0.00	29.52 -2.92 0.33	32.98 -3.82 4.79	33.59 -3.86 2.30	32.12 -4.02 5.40	37.47 -4.10 2.15	36.50 -4.29 1.56	37.78 -4.32 0.04	36.59 -3.96 1.05	37.85 -4.85 4.68	37.15 -5.41 7.52	45.36 -5.60 6.77	35.78 -4.50 5.20	37.27 -4.01 0.03	45.48 -4.53 0.00	48.18 -4.09 0.00
HUNTLEY___64 23558	28.85 -3.06 0.84	30.03 -3.52 0.00	26.70 -3.16 0.00	30.97 -3.43 0.00	27.23 -3.34 0.00	26.85 -3.03 0.00	30.72 -3.43 0.00	30.83 -3.69 0.04	30.81 -3.38 0.00	29.52 -2.92 0.33	32.98 -3.82 4.79	33.59 -3.86 2.30	32.12 -4.02 5.40	37.47 -4.10 2.15	36.50 -4.29 1.56	37.78 -4.32 0.04	36.59 -3.96 1.05	37.85 -4.85 4.68	37.15 -5.41 7.52	45.36 -5.60 6.77	35.78 -4.50 5.20	37.27 -4.01 0.03	45.48 -4.53 0.00	48.18 -4.09 0.00
HUNTLEY___65 23559	28.85 -3.06 0.84	30.03 -3.52 0.00	26.70 -3.16 0.00	30.97 -3.43 0.00	27.23 -3.34 0.00	26.85 -3.03 0.00	30.72 -3.43 0.00	30.83 -3.69 0.04	30.81 -3.38 0.00	29.52 -2.92 0.33	32.98 -3.82 4.79	33.59 -3.86 2.30	32.12 -4.02 5.40	37.47 -4.10 2.15	36.50 -4.29 1.56	37.78 -4.32 0.04	36.59 -3.96 1.05	37.85 -4.85 4.68	37.15 -5.41 7.52	45.36 -5.60 6.77	35.78 -4.50 5.20	37.27 -4.01 0.03	45.48 -4.53 0.00	48.18 -4.09 0.00
HUNTLEY___66 23560	28.85 -3.06 0.84	30.03 -3.52 0.00	26.70 -3.16 0.00	30.97 -3.43 0.00	27.23 -3.34 0.00	26.85 -3.03 0.00	30.72 -3.43 0.00	30.83 -3.69 0.04	30.81 -3.38 0.00	29.52 -2.92 0.33	32.98 -3.82 4.79	33.59 -3.86 2.30	32.12 -4.02 5.40	37.47 -4.10 2.15	36.50 -4.29 1.56	37.78 -4.32 0.04	36.59 -3.96 1.05	37.85 -4.85 4.68	37.15 -5.41 7.52	45.36 -5.60 6.77	35.78 -4.50 5.20	37.27 -4.01 0.03	45.48 -4.53 0.00	48.18 -4.09 0.00

HUNTLEY___67 23561	28.71 -3.17 0.88	29.96 -3.59 0.00	26.65 -3.22 0.00	30.91 -3.48 0.00	27.20 -3.38 0.00	26.78 -3.09 0.00	30.63 -3.53 0.00	30.77 -3.75 0.04	30.75 -3.45 0.00	29.39 -3.00 0.38	32.06 -3.97 5.56	33.14 -3.94 2.67	31.14 -4.14 6.27	37.00 -4.21 2.50	36.14 -4.41 1.80	37.68 -4.41 0.04	36.30 -4.07 1.22	36.86 -5.04 5.48	35.61 -5.66 8.81	43.89 -5.90 7.93	34.68 -4.70 6.10	37.16 -4.11 0.04	45.37 -4.64 0.00	48.10 -4.17 0.00
HUNTLEY___68 23562	28.71 -3.17 0.88	29.96 -3.59 0.00	26.65 -3.22 0.00	30.91 -3.48 0.00	27.20 -3.38 0.00	26.78 -3.09 0.00	30.63 -3.53 0.00	30.77 -3.75 0.04	30.75 -3.45 0.00	29.39 -3.00 0.38	32.06 -3.97 5.56	33.14 -3.94 2.67	31.14 -4.14 6.27	37.00 -4.21 2.50	36.14 -4.41 1.80	37.68 -4.41 0.04	36.30 -4.07 1.22	36.86 -5.04 5.48	35.61 -5.66 8.81	43.89 -5.90 7.93	34.68 -4.70 6.10	37.16 -4.11 0.04	45.37 -4.64 0.00	48.10 -4.17 0.00
HYLAND___LFGE 323620	30.31 -1.13 1.31	32.13 -1.43 0.00	28.54 -1.33 0.00	33.07 -1.32 0.00	29.20 -1.38 0.00	28.64 -1.24 0.00	32.91 -1.25 0.00	33.39 -1.32 -0.14	33.04 -1.15 0.00	33.13 -1.00 -1.36	59.48 -1.81 -19.70	46.92 -2.28 -9.45	60.98 -2.76 -22.20	49.69 -2.87 -8.85	45.12 -3.04 -5.81	39.50 -2.77 -0.14	43.96 -1.98 -4.33	65.14 -1.67 -19.43	79.95 -1.33 -31.20	84.84 -0.99 -28.10	66.16 -0.93 -21.60	40.67 -0.78 -0.14	49.14 -0.87 0.00	51.87 -0.40 0.00
INDECK___CORINTH 23802	35.38 2.62 0.00	36.50 2.95 0.00	32.49 2.62 0.00	37.37 2.98 0.00	33.21 2.63 0.00	32.49 2.61 0.00	37.32 3.17 0.00	37.90 3.34 0.00	37.49 3.30 0.00	35.76 2.99 0.00	45.53 3.94 0.00	43.74 4.00 0.00	45.89 4.35 0.00	48.17 4.46 0.00	46.52 4.17 0.00	46.19 4.06 0.00	45.73 4.13 0.00	52.41 5.04 0.00	55.55 5.47 0.00	63.91 6.18 0.00	50.23 4.74 0.00	45.63 4.32 0.00	55.32 5.32 0.00	57.71 5.43 0.00
INDECK___ILION 23567	32.93 0.18 0.00	33.83 0.28 0.00	30.11 0.25 0.00	34.59 0.19 0.00	30.75 0.18 0.00	30.03 0.15 0.00	34.38 0.22 0.00	34.68 0.12 0.00	34.31 0.12 0.00	32.75 -0.02 0.00	41.69 0.10 0.00	40.02 0.27 0.00	41.78 0.24 0.00	43.68 -0.03 0.00	42.47 0.12 0.00	42.21 0.08 0.00	41.84 0.24 0.00	47.87 0.49 0.00	50.75 0.68 0.00	58.37 0.65 0.00	45.95 0.46 0.00	41.67 0.36 0.00	50.39 0.38 0.00	52.58 0.31 0.00
INDECK___OLEAN 23982	29.80 -1.77 1.19	31.57 -1.98 0.00	28.09 -1.77 0.00	32.70 -1.69 0.00	28.80 -1.77 0.00	28.27 -1.61 0.00	32.22 -1.93 0.00	32.36 -2.19 0.01	32.21 -1.98 0.00	31.10 -1.58 0.09	38.44 -1.87 1.27	37.19 -1.94 0.61	38.32 -2.03 1.44	41.11 -2.65 0.57	39.16 -2.78 0.54	39.34 -2.78 0.01	39.02 -2.30 0.28	43.62 -2.52 1.24	45.40 -2.69 1.99	53.27 -2.67 1.79	41.80 -2.31 1.37	39.05 -2.25 0.01	47.51 -2.49 0.00	50.36 -1.92 0.00
INDECK___OSWEGO 23783	32.42 -0.34 0.00	33.17 -0.38 0.00	29.52 -0.35 0.00	33.98 -0.41 0.00	30.16 -0.41 0.00	29.54 -0.34 0.00	33.70 -0.45 0.00	34.13 -0.44 0.00	33.91 -0.28 0.00	32.71 -0.06 0.00	41.43 -0.15 0.00	39.44 -0.30 0.00	41.11 -0.44 0.00	43.35 -0.36 0.00	42.01 -0.34 0.00	41.92 -0.21 0.00	41.64 0.04 0.00	47.45 0.07 0.00	50.26 0.18 0.00	58.09 0.36 0.00	45.66 0.17 0.00	41.36 0.05 0.00	50.05 0.04 0.00	52.36 0.09 0.00
INDECK___YERKES 23781	28.88 -3.03 0.84	30.06 -3.49 0.00	26.72 -3.15 0.00	30.99 -3.40 0.00	27.26 -3.31 0.00	26.87 -3.01 0.00	30.76 -3.40 0.00	30.86 -3.67 0.04	30.83 -3.36 0.00	29.55 -2.89 0.33	33.06 -3.75 4.79	33.63 -3.81 2.30	32.18 -3.97 5.40	37.50 -4.06 2.15	36.54 -4.25 1.56	37.82 -4.27 0.04	36.63 -3.92 1.05	37.90 -4.80 4.68	37.23 -5.32 7.52	45.42 -5.54 6.77	35.82 -4.46 5.20	37.30 -3.97 0.03	45.51 -4.49 0.00	48.23 -4.04 0.00
INDIAN POINT_GT_1 24139	34.13 1.37 0.00	34.99 1.44 0.00	31.13 1.26 0.00	35.79 1.39 0.00	31.80 1.23 0.00	31.04 1.16 0.00	35.56 1.40 0.00	36.02 1.45 0.00	35.61 1.42 0.00	34.02 1.25 0.00	43.23 1.64 0.00	41.35 1.60 0.00	43.30 1.76 0.00	45.54 1.82 0.00	44.24 1.89 0.00	43.95 1.82 0.00	43.11 1.51 0.00	49.19 1.81 0.00	52.30 2.22 0.00	60.02 2.29 0.00	47.23 1.74 0.00	42.79 1.48 0.00	51.53 1.52 0.00	53.71 1.44 0.00
INDIAN POINT_GT_2 23659	34.13 1.37 0.00	34.99 1.44 0.00	31.13 1.26 0.00	35.79 1.39 0.00	31.80 1.23 0.00	31.04 1.16 0.00	35.56 1.40 0.00	36.02 1.45 0.00	35.61 1.42 0.00	34.02 1.25 0.00	43.23 1.64 0.00	41.35 1.60 0.00	43.30 1.76 0.00	45.54 1.82 0.00	44.24 1.89 0.00	43.95 1.82 0.00	43.11 1.51 0.00	49.19 1.81 0.00	52.30 2.22 0.00	60.02 2.29 0.00	47.23 1.74 0.00	42.79 1.48 0.00	51.53 1.52 0.00	53.71 1.44 0.00
INDIAN POINT_GT_3 24019	34.13 1.37 0.00	34.99 1.44 0.00	31.13 1.26 0.00	35.79 1.39 0.00	31.80 1.23 0.00	31.04 1.16 0.00	35.56 1.40 0.00	36.02 1.45 0.00	35.61 1.42 0.00	34.02 1.25 0.00	43.23 1.64 0.00	41.35 1.60 0.00	43.30 1.76 0.00	45.54 1.82 0.00	44.24 1.89 0.00	43.95 1.82 0.00	43.11 1.51 0.00	49.19 1.81 0.00	52.30 2.22 0.00	60.02 2.29 0.00	47.23 1.74 0.00	42.79 1.48 0.00	51.53 1.52 0.00	53.71 1.44 0.00
INDIAN POINT___2 23530	34.08 1.32 0.00	34.95 1.39 0.00	31.10 1.23 0.00	35.75 1.36 0.00	31.77 1.19 0.00	31.01 1.13 0.00	35.51 1.35 0.00	35.97 1.41 0.00	35.56 1.36 0.00	33.97 1.20 0.00	43.14 1.55 0.00	41.26 1.52 0.00	43.22 1.68 0.00	45.45 1.74 0.00	44.15 1.80 0.00	43.86 1.73 0.00	43.01 1.41 0.00	49.08 1.70 0.00	52.20 2.12 0.00	59.91 2.18 0.00	47.14 1.65 0.00	42.71 1.40 0.00	51.43 1.42 0.00	53.60 1.32 0.00
INDIAN POINT___3 23531	34.08 1.33 0.00	34.96 1.41 0.00	31.10 1.23 0.00	35.76 1.37 0.00	31.78 1.20 0.00	31.01 1.13 0.00	35.51 1.36 0.00	35.97 1.41 0.00	35.57 1.38 0.00	33.99 1.22 0.00	43.18 1.59 0.00	41.30 1.56 0.00	43.25 1.71 0.00	45.48 1.77 0.00	44.18 1.83 0.00	43.90 1.77 0.00	43.05 1.45 0.00	49.11 1.73 0.00	52.22 2.14 0.00	59.92 2.19 0.00	47.15 1.67 0.00	42.73 1.42 0.00	51.44 1.43 0.00	53.64 1.36 0.00
INGHAM_C_115KV_TB7 356103	33.05 0.29 0.00	34.02 0.48 0.00	30.29 0.41 0.00	34.71 0.32 0.00	30.85 0.28 0.00	30.12 0.24 0.00	34.53 0.38 0.00	34.74 0.17 0.00	34.29 0.09 0.00	32.57 -0.20 0.00	41.63 0.04 0.00	40.20 0.46 0.00	41.86 0.32 0.00	43.39 -0.32 0.00	42.39 0.04 0.00	42.08 -0.05 0.00	41.92 0.32 0.00	48.17 0.79 0.00	51.18 1.10 0.00	58.76 1.03 0.00	46.22 0.73 0.00	41.90 0.59 0.00	50.62 0.61 0.00	52.75 0.47 0.00
IP CORINTH___1 23988	35.41 2.65 0.00	36.50 2.95 0.00	32.49 2.62 0.00	37.37 2.98 0.00	33.21 2.64 0.00	32.49 2.61 0.00	37.32 3.17 0.00	37.90 3.34 0.00	37.49 3.30 0.00	35.77 2.99 0.00	45.53 3.94 0.00	43.74 4.00 0.00	45.89 4.35 0.00	48.17 4.46 0.00	46.52 4.17 0.00	46.19 4.06 0.00	45.73 4.13 0.00	52.41 5.03 0.00	55.54 5.46 0.00	63.90 6.17 0.00	50.23 4.74 0.00	45.63 4.32 0.00	55.32 5.32 0.00	57.71 5.44 0.00

IP__TICONDEROGA 23804	36.40 3.64 0.00	37.63 4.08 0.00	33.48 3.62 0.00	38.46 4.07 0.00	34.08 3.51 0.00	33.40 3.53 0.00	38.45 4.30 0.00	39.31 4.75 0.00	39.00 4.81 0.00	37.20 4.43 0.00	47.14 5.55 0.00	45.36 5.61 0.00	47.68 6.14 0.00	50.01 6.30 0.00	48.00 5.65 0.00	47.67 5.54 0.00	47.44 5.84 0.00	54.30 6.92 0.00	57.83 7.76 0.00	66.68 8.95 0.00	52.41 6.93 0.00	47.56 6.25 0.00	58.02 8.01 0.00	60.46 8.19 0.00
ISLIP_RES_REC 323679	37.58 2.28 -2.55	36.09 2.54 0.00	32.07 2.20 0.00	36.90 2.51 0.00	32.78 2.21 0.00	31.96 2.09 0.00	36.64 2.49 0.00	37.11 2.55 0.00	36.85 2.66 0.00	34.99 2.22 0.00	44.46 2.87 0.00	42.74 3.00 0.00	44.47 2.92 0.00	46.29 2.58 0.00	49.08 2.94 -3.79	91.16 3.27 -45.76	44.30 2.70 0.00	50.93 3.55 0.00	54.32 4.24 0.00	62.39 4.66 0.00	48.98 3.49 0.00	44.26 2.95 0.00	53.14 3.14 0.00	55.37 3.10 0.00
JAMAICA__27_KV_LOAD 355505	34.66 1.91 0.00	35.38 1.83 0.00	31.44 1.57 0.00	36.39 2.00 0.00	32.41 1.84 0.00	31.66 1.76 -0.02	36.03 1.87 0.00	36.48 1.91 0.00	36.09 1.89 0.00	34.47 1.70 0.00	43.86 2.27 0.00	41.91 2.17 0.00	43.76 2.22 0.00	45.92 2.21 0.00	44.68 2.33 0.00	44.33 2.20 0.00	43.47 1.87 0.00	49.58 2.20 0.00	52.67 2.59 0.00	60.37 2.64 0.00	47.44 1.96 0.00	43.00 1.69 0.00	51.77 1.76 0.00	53.81 1.54 0.00
JANIS__SOLAR 323808	35.00 -0.07 -2.31	33.39 -0.16 0.00	29.75 -0.12 0.00	34.33 -0.06 0.00	30.50 -0.07 0.00	29.90 0.02 0.00	34.32 0.17 0.00	34.88 0.31 -0.01	34.76 0.57 0.00	33.30 0.44 -0.09	43.24 0.39 -1.27	40.54 0.19 -0.61	43.06 0.08 -1.43	44.31 0.03 -0.57	42.69 -0.35 -0.69	42.11 -0.04 -0.01	42.28 0.39 -0.28	49.48 0.85 -1.25	53.07 0.99 -2.01	60.76 1.22 -1.81	47.73 0.86 -1.39	41.97 0.65 -0.01	50.72 0.72 0.00	52.97 0.70 0.00
JARVIS____ 23743	32.78 0.02 0.00	33.62 0.07 0.00	29.93 0.06 0.00	34.42 0.03 0.00	30.61 0.04 0.00	29.91 0.03 0.00	34.21 0.05 0.00	34.60 0.03 0.00	34.23 0.04 0.00	32.81 0.04 0.00	41.67 0.07 0.00	39.84 0.10 0.00	41.67 0.13 0.00	43.80 0.09 0.00	42.44 0.09 0.00	42.22 0.09 0.00	41.70 0.10 0.00	47.57 0.19 0.00	50.37 0.29 0.00	58.02 0.29 0.00	45.70 0.21 0.00	41.45 0.14 0.00	50.15 0.15 0.00	52.39 0.12 0.00
JENNISON__1 23625	32.63 -0.62 -0.48	32.89 -0.66 0.00	29.32 -0.54 0.00	33.77 -0.62 0.00	29.96 -0.62 0.00	29.32 -0.56 0.00	33.56 -0.59 0.00	34.11 -0.46 0.00	34.34 0.14 0.00	33.06 0.30 0.00	41.55 -0.04 0.00	39.29 -0.45 0.00	41.14 -0.41 0.00	43.21 -0.50 0.00	41.70 -0.72 -0.06	41.54 -0.60 0.00	41.18 -0.42 0.00	47.25 -0.13 0.00	50.00 -0.08 0.00	57.54 -0.19 0.00	45.23 -0.26 0.00	40.95 -0.36 0.00	49.47 -0.54 0.00	51.59 -0.69 0.00
JENNISON__2 23626	32.63 -0.62 -0.48	32.89 -0.66 0.00	29.32 -0.54 0.00	33.77 -0.62 0.00	29.96 -0.62 0.00	29.32 -0.56 0.00	33.56 -0.59 0.00	34.11 -0.46 0.00	34.34 0.14 0.00	33.06 0.30 0.00	41.55 -0.04 0.00	39.29 -0.45 0.00	41.14 -0.41 0.00	43.21 -0.50 0.00	41.70 -0.72 -0.06	41.54 -0.60 0.00	41.18 -0.42 0.00	47.25 -0.13 0.00	50.00 -0.08 0.00	57.54 -0.19 0.00	45.23 -0.26 0.00	40.95 -0.36 0.00	49.47 -0.54 0.00	51.59 -0.69 0.00
JERICHO_RISE_WT_PWR 323719	32.87 0.11 0.00	33.44 -0.11 0.00	29.71 -0.15 0.00	34.24 -0.16 0.00	30.51 -0.06 0.00	29.90 0.02 0.00	34.25 0.10 0.00	34.80 0.23 0.00	34.34 0.15 0.00	32.77 0.00 0.00	41.24 -0.35 0.00	42.54 -0.45 -3.24	44.01 -0.54 -3.01	46.73 -0.45 -3.47	45.72 -0.36 -3.73	45.39 -0.44 -3.70	44.14 -0.45 -2.99	50.09 -0.62 -3.33	53.63 -0.97 -4.53	61.80 -0.94 -5.01	45.43 -0.45 -0.39	41.08 -0.23 0.00	50.30 -0.17 -0.46	55.77 -0.21 -3.70
KATONAH__115KV_46KV_TB4 355592	34.39 1.63 0.00	35.25 1.70 0.00	31.36 1.49 0.00	36.05 1.66 0.00	32.04 1.47 0.00	31.28 1.40 0.00	35.84 1.69 0.00	36.35 1.78 0.00	35.96 1.77 0.00	34.36 1.58 0.00	43.67 2.07 0.00	41.75 2.00 0.00	43.71 2.16 0.00	45.98 2.27 0.00	44.69 2.33 0.00	44.40 2.27 0.00	43.61 2.01 0.00	49.77 2.39 0.00	52.90 2.83 0.00	60.73 3.00 0.00	47.79 2.30 0.00	43.32 2.01 0.00	52.19 2.18 0.00	54.41 2.13 0.00
KCE_NY_1 323755	34.72 1.96 0.00	35.68 2.13 0.00	31.77 1.91 0.00	36.57 2.18 0.00	32.47 1.90 0.00	31.77 1.89 0.00	36.43 2.28 0.00	36.91 2.35 0.00	36.45 2.25 0.00	34.82 2.05 0.00	44.41 2.82 0.00	42.60 2.86 0.00	44.70 3.15 0.00	46.89 3.18 0.00	45.40 3.05 0.00	45.11 2.98 0.00	44.56 2.96 0.00	51.00 3.62 0.00	53.99 3.91 0.00	62.15 4.43 0.00	48.84 3.35 0.00	44.29 2.98 0.00	53.68 3.67 0.00	56.05 3.78 0.00
KCE_NY_6_ESR 323823	29.08 -2.73 0.94	30.41 -3.14 0.00	27.07 -2.80 0.00	31.40 -2.99 0.00	27.62 -2.95 0.00	27.20 -2.67 0.00	31.12 -3.03 0.00	31.27 -3.25 0.04	29.84 -2.98 0.00	25.53 -2.53 0.40	32.47 -3.32 5.80	33.56 -3.40 2.78	31.54 -3.47 6.53	37.55 -3.56 2.60	36.65 -3.82 1.88	38.28 -3.81 0.04	36.91 -3.41 1.27	37.52 -4.18 5.68	36.27 -4.68 9.12	44.67 -4.84 8.21	35.28 -3.89 6.31	37.86 -3.41 0.04	46.20 -3.81 0.00	48.97 -3.30 0.00
KEDC_PORT_JEFF_GT2 24210	37.45 2.14 -2.55	35.94 2.39 0.00	31.94 2.07 0.00	36.75 2.35 0.00	32.65 2.08 0.00	31.83 1.96 0.00	36.49 2.33 0.00	36.95 2.39 0.00	36.69 2.50 0.00	34.84 2.07 0.00	44.30 2.71 0.00	42.55 2.81 0.00	44.32 2.77 0.00	46.17 2.46 0.00	48.97 2.83 -3.79	91.01 3.12 -45.76	44.14 2.54 0.00	50.69 3.32 0.00	54.04 3.97 0.00	62.06 4.33 0.00	48.73 3.25 0.00	44.05 2.74 0.00	52.89 2.88 0.00	55.11 2.84 0.00
KEDC_PORT_JEFF_GT3 24211	37.45 2.14 -2.55	35.94 2.39 0.00	31.94 2.07 0.00	36.75 2.35 0.00	32.65 2.08 0.00	31.83 1.96 0.00	36.49 2.33 0.00	36.95 2.39 0.00	36.69 2.50 0.00	34.84 2.07 0.00	44.30 2.71 0.00	42.55 2.81 0.00	44.32 2.77 0.00	46.17 2.46 0.00	48.97 2.83 -3.79	91.01 3.12 -45.76	44.14 2.54 0.00	50.69 3.32 0.00	54.04 3.97 0.00	62.06 4.33 0.00	48.73 3.25 0.00	44.05 2.74 0.00	52.89 2.88 0.00	55.11 2.84 0.00
KEDC_GLWD_GT4 24219	37.31 2.00 -2.55	35.67 2.12 0.00	31.72 1.85 0.00	36.47 2.08 0.00	32.41 1.84 0.00	31.63 1.75 0.00	36.25 2.09 0.00	36.70 2.13 0.00	36.37 2.18 0.00	34.61 1.84 0.00	44.13 2.54 0.00	42.23 2.49 0.00	44.05 2.51 0.00	46.18 2.47 0.00	48.91 2.77 -3.79	90.70 2.81 -45.76	43.92 2.32 0.00	50.01 2.64 0.00	53.19 3.11 0.00	61.07 3.34 0.00	48.00 2.51 0.00	43.44 2.13 0.00	52.21 2.20 0.00	54.43 2.16 0.00
KEDC_GLWD_GT5 24220	37.31 2.00 -2.55	35.67 2.12 0.00	31.72 1.85 0.00	36.47 2.08 0.00	32.41 1.84 0.00	31.63 1.75 0.00	36.25 2.09 0.00	36.70 2.13 0.00	36.37 2.18 0.00	34.61 1.84 0.00	44.13 2.54 0.00	42.23 2.49 0.00	44.05 2.51 0.00	46.18 2.47 0.00	48.91 2.77 -3.79	90.70 2.81 -45.76	43.92 2.32 0.00	50.01 2.64 0.00	53.19 3.11 0.00	61.07 3.34 0.00	48.00 2.51 0.00	43.44 2.13 0.00	52.21 2.20 0.00	54.43 2.16 0.00

KENSICO____ 23655	34.21 1.45 0.00	35.07 1.52 0.00	31.20 1.33 0.00	35.88 1.49 0.00	31.87 1.30 0.00	31.12 1.24 0.00	35.64 1.48 0.00	36.11 1.55 0.00	35.71 1.52 0.00	34.12 1.35 0.00	43.37 1.78 0.00	41.50 1.76 0.00	43.46 1.91 0.00	45.68 1.97 0.00	44.39 2.03 0.00	44.10 1.97 0.00	43.25 1.65 0.00	49.34 1.96 0.00	52.44 2.36 0.00	60.16 2.43 0.00	47.34 1.85 0.00	42.90 1.59 0.00	51.66 1.65 0.00	53.86 1.58 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	34.39 1.63 0.00	35.23 1.68 0.00	31.33 1.46 0.00	36.03 1.64 0.00	32.02 1.45 0.00	31.28 1.40 0.00	35.83 1.68 0.00	36.32 1.75 0.00	35.85 1.66 0.00	34.20 1.43 0.00	43.24 1.65 0.00	41.55 1.81 0.00	43.64 2.09 0.00	45.80 2.09 0.00	44.41 2.06 0.00	44.18 2.05 0.00	43.38 1.78 0.00	49.74 2.36 0.00	53.00 2.92 0.00	60.94 3.21 0.00	47.94 2.45 0.00	43.45 2.14 0.00	52.30 2.29 0.00	54.54 2.27 0.00
KIAC_JFK_GT1 23816	34.47 1.71 0.00	35.19 1.64 0.00	31.28 1.41 0.00	36.20 1.80 0.00	32.24 1.66 0.00	31.49 1.59 -0.02	35.82 1.67 0.00	36.27 1.71 0.00	35.89 1.69 0.00	34.29 1.52 0.00	43.61 2.02 0.00	41.68 1.93 0.00	43.52 1.98 0.00	45.67 1.97 0.00	44.38 2.02 0.00	43.92 1.78 0.00	43.05 1.46 0.00	49.10 1.72 0.00	52.16 2.08 0.00	59.78 2.05 0.00	46.97 1.48 0.00	42.57 1.26 0.00	51.25 1.24 0.00	53.29 1.01 0.00
KIAC_JFK_GT2 23817	34.47 1.71 0.00	35.19 1.64 0.00	31.28 1.41 0.00	36.20 1.80 0.00	32.24 1.66 0.00	31.49 1.59 -0.02	35.82 1.67 0.00	36.27 1.71 0.00	35.89 1.69 0.00	34.29 1.52 0.00	43.61 2.02 0.00	41.68 1.93 0.00	43.52 1.98 0.00	45.67 1.97 0.00	44.38 2.02 0.00	43.92 1.78 0.00	43.05 1.46 0.00	49.10 1.72 0.00	52.16 2.08 0.00	59.78 2.05 0.00	46.97 1.48 0.00	42.57 1.26 0.00	51.25 1.24 0.00	53.29 1.01 0.00
KIAC_JFK____ 323774	34.47 1.71 0.00	35.19 1.64 0.00	31.28 1.41 0.00	36.19 1.80 0.00	32.24 1.66 0.00	31.49 1.59 -0.02	35.82 1.66 0.00	36.28 1.71 0.00	35.89 1.70 0.00	34.28 1.51 0.00	43.61 2.02 0.00	41.68 1.94 0.00	43.52 1.98 0.00	45.67 1.96 0.00	44.37 2.02 0.00	43.91 1.78 0.00	43.06 1.46 0.00	49.10 1.72 0.00	52.16 2.08 0.00	59.77 2.04 0.00	46.96 1.48 0.00	42.57 1.26 0.00	51.25 1.24 0.00	53.29 1.01 0.00
KINTIGH____ 23543	29.08 -3.02 0.66	30.15 -3.40 0.00	26.83 -3.03 0.00	31.09 -3.30 0.00	27.40 -3.18 0.00	26.96 -2.92 0.00	30.81 -3.34 0.00	31.01 -3.53 0.02	30.95 -3.25 0.00	29.72 -2.85 0.20	34.90 -3.83 2.86	34.64 -3.72 1.37	34.35 -3.96 3.23	38.43 -3.99 1.29	37.27 -4.12 0.95	38.00 -4.11 0.02	37.13 -3.84 0.63	39.76 -4.77 2.84	40.18 -5.34 4.56	47.98 -5.64 4.11	37.82 -4.51 3.16	37.35 -3.94 0.02	45.52 -4.49 0.00	48.14 -4.14 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	33.16 0.40 0.00	33.69 0.14 0.00	29.95 0.09 0.00	34.32 -0.08 0.00	30.59 0.02 0.00	30.03 0.16 0.00	34.45 0.29 0.00	35.15 0.58 0.00	34.66 0.46 0.00	33.02 0.25 0.00	41.32 -0.27 0.00	66.93 -0.53 -27.71	66.50 -0.72 -25.68	72.73 -0.65 -29.67	73.63 -0.60 -31.87	73.15 -0.60 -31.62	66.62 -0.55 -25.56	75.05 -0.75 -28.42	87.77 -1.01 -38.69	99.63 -0.94 -42.84	48.37 -0.47 -3.35	41.17 -0.14 0.00	53.74 -0.23 -3.96	83.52 -0.38 -31.62
LACHUTE__HYDRO 323717	36.40 3.64 0.00	37.63 4.08 0.00	33.48 3.62 0.00	38.46 4.07 0.00	34.08 3.51 0.00	33.40 3.52 0.00	38.45 4.30 0.00	39.31 4.75 0.00	39.00 4.81 0.00	37.20 4.43 0.00	47.14 5.55 0.00	45.36 5.61 0.00	47.68 6.14 0.00	50.01 6.30 0.00	48.00 5.65 0.00	47.67 5.54 0.00	47.44 5.85 0.00	54.30 6.92 0.00	57.84 7.77 0.00	66.68 8.95 0.00	52.41 6.92 0.00	47.56 6.25 0.00	58.02 8.01 0.00	60.46 8.19 0.00
LAWRNCALV_115KV_TB1 80681	33.73 0.97 0.00	34.41 0.86 0.00	30.57 0.70 0.00	35.27 0.88 0.00	31.39 0.82 0.00	30.62 0.74 0.00	34.90 0.74 0.00	35.34 0.77 0.00	34.89 0.70 0.00	33.46 0.69 0.00	42.48 0.89 0.00	40.47 0.73 0.00	42.10 0.56 0.00	44.58 0.87 0.00	43.27 0.92 0.00	43.02 0.89 0.00	42.46 0.86 0.00	48.05 0.68 0.00	50.16 0.08 0.00	58.26 0.54 0.00	46.16 0.67 0.00	42.22 0.91 0.00	51.50 1.50 0.00	54.04 1.77 0.00
LEDERLE____ 23769	34.21 1.45 0.00	35.09 1.54 0.00	31.21 1.35 0.00	35.91 1.52 0.00	31.90 1.32 0.00	31.13 1.25 0.00	35.65 1.49 0.00	36.10 1.54 0.00	35.68 1.48 0.00	34.09 1.32 0.00	43.27 1.68 0.00	41.39 1.65 0.00	43.38 1.84 0.00	45.61 1.90 0.00	44.29 1.94 0.00	44.00 1.87 0.00	43.15 1.55 0.00	49.24 1.87 0.00	52.42 2.34 0.00	60.15 2.42 0.00	47.36 1.87 0.00	42.87 1.57 0.00	51.59 1.58 0.00	53.77 1.50 0.00
LIGHTRSE_115KV_TB6 355974	32.22 -0.53 0.00	32.94 -0.62 0.00	29.30 -0.57 0.00	33.73 -0.66 0.00	29.96 -0.61 0.00	29.31 -0.57 0.00	33.41 -0.75 0.00	33.84 -0.73 0.00	33.63 -0.56 0.00	32.46 -0.31 0.00	41.08 -0.51 0.00	38.96 -0.78 0.00	40.42 -1.13 0.00	42.80 -0.91 0.00	41.58 -0.78 0.00	41.48 -0.65 0.00	41.27 -0.33 0.00	47.07 -0.31 0.00	49.94 -0.14 0.00	57.85 0.12 0.00	45.54 0.05 0.00	41.21 -0.11 0.00	49.93 -0.08 0.00	52.30 0.03 0.00
LINDEN COGEN____ 23786	34.19 1.43 0.00	35.02 1.47 0.00	31.15 1.29 0.00	35.81 1.41 0.00	31.82 1.25 0.00	31.07 1.19 0.00	35.57 1.42 0.00	36.03 1.47 0.00	35.62 1.43 0.00	34.07 1.30 0.00	43.18 1.59 0.00	41.33 1.59 0.00	43.29 1.75 0.00	45.51 1.80 0.00	44.21 1.86 0.00	43.91 1.78 0.00	43.02 1.42 0.00	49.05 1.68 0.00	52.15 2.07 0.00	59.77 2.04 0.00	47.06 1.58 0.00	42.64 1.33 0.00	51.33 1.32 0.00	-279.93 1.20 333.40
LINDHRST_69_KV_BK1 356055	37.54 2.23 -2.55	35.94 2.39 0.00	31.95 2.08 0.00	36.75 2.35 0.00	32.66 2.09 0.00	31.87 1.99 0.00	36.52 2.37 0.00	36.97 2.41 0.00	36.68 2.49 0.00	34.84 2.07 0.00	44.42 2.83 0.00	42.56 2.82 0.00	44.29 2.74 0.00	46.29 2.58 0.00	49.08 2.94 -3.79	91.05 3.16 -45.76	44.15 2.55 0.00	50.58 3.20 0.00	53.86 3.78 0.00	61.87 4.14 0.00	48.60 3.11 0.00	43.95 2.63 0.00	52.79 2.78 0.00	55.02 2.74 0.00
LIPA_MISC_IPP 23656	37.29 1.98 -2.55	35.86 2.31 0.00	31.89 2.03 0.00	36.70 2.31 0.00	32.61 2.04 0.00	31.78 1.90 0.00	36.42 2.27 0.00	36.89 2.32 0.00	36.62 2.42 0.00	34.75 1.98 0.00	44.12 2.53 0.00	42.46 2.72 0.00	44.20 2.66 0.00	45.99 2.28 0.00	48.79 2.64 -3.79	90.82 2.93 -45.76	43.92 2.32 0.00	50.54 3.16 0.00	53.87 3.79 0.00	61.87 4.15 0.00	48.58 3.10 0.00	43.90 2.59 0.00	52.70 2.70 0.00	54.94 2.66 0.00
LISF__SOLAR 323691	37.35 2.04 -2.55	35.92 2.37 0.00	31.95 2.08 0.00	36.77 2.38 0.00	32.67 2.10 0.00	31.84 1.96 0.00	36.49 2.34 0.00	36.95 2.38 0.00	36.68 2.49 0.00	34.81 2.04 0.00	44.18 2.59 0.00	42.52 2.78 0.00	44.27 2.72 0.00	46.00 2.30 0.00	48.82 2.68 -3.79	90.88 2.99 -45.76	44.01 2.41 0.00	50.64 3.26 0.00	53.99 3.91 0.00	62.00 4.27 0.00	48.69 3.20 0.00	44.00 2.69 0.00	52.83 2.82 0.00	55.04 2.77 0.00

LITTLE FALLS___HYD 24013	33.05 0.29 0.00	34.02 0.48 0.00	30.29 0.41 0.00	34.71 0.32 0.00	30.85 0.28 0.00	30.12 0.24 0.00	34.53 0.38 0.00	34.74 0.17 0.00	34.29 0.09 0.00	32.57 -0.20 0.00	41.63 0.04 0.00	40.20 0.46 0.00	41.86 0.32 0.00	43.39 -0.32 0.00	42.39 0.04 0.00	42.08 -0.05 0.00	41.92 0.32 0.00	48.17 0.79 0.00	51.18 1.10 0.00	58.76 1.03 0.00	46.22 0.73 0.00	41.90 0.59 0.00	50.62 0.61 0.00	52.75 0.47 0.00
LITTLRIV_115KV_TB1 356100	34.30 1.54 0.00	34.96 1.41 0.00	31.06 1.19 0.00	35.84 1.45 0.00	31.88 1.31 0.00	31.11 1.23 0.00	35.49 1.34 0.00	35.94 1.38 0.00	35.43 1.23 0.00	33.91 1.14 0.00	43.05 1.46 0.00	40.85 1.11 0.00	42.47 0.92 0.00	45.10 1.39 0.00	43.89 1.54 0.00	43.65 1.52 0.00	43.15 1.55 0.00	48.89 1.52 0.00	51.10 1.02 0.00	59.34 1.61 0.00	47.00 1.52 0.00	42.98 1.67 0.00	52.40 2.39 0.00	54.97 2.70 0.00
LI_NEWBRDGE___DRP 323616	37.04 1.73 -2.55	35.42 1.87 0.00	31.49 1.62 0.00	36.22 1.83 0.00	32.19 1.62 0.00	31.41 1.53 0.00	35.98 1.83 0.00	36.43 1.86 0.00	36.10 1.91 0.00	34.35 1.58 0.00	43.79 2.20 0.00	41.94 2.20 0.00	43.76 2.22 0.00	45.86 2.15 0.00	48.56 2.42 -3.79	90.39 2.49 -45.76	43.60 2.00 0.00	49.82 2.44 0.00	52.98 2.90 0.00	60.83 3.10 0.00	47.80 2.32 0.00	43.25 1.94 0.00	51.99 1.98 0.00	54.20 1.93 0.00
LOCKPORT_115KV_TB60_63_64 80432	28.77 -3.21 0.78	29.87 -3.69 0.00	26.57 -3.30 0.00	30.82 -3.57 0.00	27.10 -3.47 0.00	26.72 -3.16 0.00	30.57 -3.59 0.00	30.60 -3.94 0.03	30.58 -3.61 0.00	29.33 -3.16 0.29	33.44 -4.00 4.16	33.66 -4.09 1.99	32.61 -4.25 4.68	37.44 -4.41 1.87	36.39 -4.59 1.36	37.50 -4.60 0.03	36.44 -4.25 0.91	38.22 -5.15 4.01	37.88 -5.75 6.45	45.96 -5.97 5.79	36.25 -4.79 4.45	36.98 -4.30 0.03	45.12 -4.89 0.00	47.85 -4.43 0.00
LOCKPORT___CC1 323769	28.72 -3.25 0.79	29.84 -3.71 0.00	26.54 -3.33 0.00	30.79 -3.60 0.00	27.07 -3.50 0.00	26.69 -3.19 0.00	30.54 -3.62 0.00	30.58 -3.95 0.03	30.56 -3.64 0.00	29.29 -3.17 0.31	33.09 -4.03 4.48	33.48 -4.11 2.15	32.21 -4.29 5.05	37.26 -4.44 2.01	36.28 -4.61 1.46	37.48 -4.61 0.03	36.35 -4.27 0.98	37.89 -5.15 4.34	37.41 -5.69 6.98	45.51 -5.94 6.27	35.86 -4.81 4.82	36.94 -4.34 0.03	45.09 -4.92 0.00	47.82 -4.45 0.00
LOCKPORT___CC2 323770	28.72 -3.25 0.79	29.84 -3.71 0.00	26.54 -3.33 0.00	30.79 -3.60 0.00	27.07 -3.50 0.00	26.69 -3.19 0.00	30.54 -3.62 0.00	30.58 -3.95 0.03	30.56 -3.64 0.00	29.29 -3.17 0.31	33.09 -4.03 4.48	33.48 -4.11 2.15	32.21 -4.29 5.05	37.26 -4.44 2.01	36.28 -4.61 1.46	37.48 -4.61 0.03	36.35 -4.27 0.98	37.89 -5.15 4.34	37.41 -5.69 6.98	45.51 -5.94 6.27	35.86 -4.81 4.82	36.94 -4.34 0.03	45.09 -4.92 0.00	47.82 -4.45 0.00
LOCKPORT___CC3 323771	28.72 -3.25 0.79	29.84 -3.71 0.00	26.54 -3.33 0.00	30.79 -3.60 0.00	27.07 -3.50 0.00	26.69 -3.19 0.00	30.54 -3.62 0.00	30.58 -3.95 0.03	30.56 -3.64 0.00	29.29 -3.17 0.31	33.09 -4.03 4.48	33.48 -4.11 2.15	32.21 -4.29 5.05	37.26 -4.44 2.01	36.28 -4.61 1.46	37.48 -4.61 0.03	36.35 -4.27 0.98	37.89 -5.15 4.34	37.41 -5.69 6.98	45.51 -5.94 6.27	35.86 -4.81 4.82	36.94 -4.34 0.03	45.09 -4.92 0.00	47.82 -4.45 0.00
LONG_LAKE_PHOENIX 24014	32.20 -0.56 0.00	32.93 -0.62 0.00	29.32 -0.55 0.00	33.74 -0.65 0.00	29.95 -0.62 0.00	29.33 -0.54 0.00	33.46 -0.69 0.00	33.89 -0.67 0.00	33.67 -0.52 0.00	32.45 -0.32 0.00	41.13 -0.46 0.00	39.19 -0.55 0.00	40.92 -0.63 0.00	43.09 -0.62 0.00	41.74 -0.61 0.00	41.63 -0.50 0.00	41.31 -0.29 0.00	47.05 -0.33 0.00	49.79 -0.29 0.00	57.49 -0.23 0.00	45.21 -0.28 0.00	40.97 -0.34 0.00	49.55 -0.46 0.00	51.84 -0.43 0.00
LOVETT___3 23632	34.03 1.28 0.00	34.90 1.35 0.00	31.06 1.19 0.00	35.71 1.32 0.00	31.74 1.16 0.00	30.98 1.10 0.00	35.46 1.31 0.00	35.91 1.35 0.00	35.50 1.31 0.00	33.93 1.16 0.00	43.07 1.48 0.00	41.19 1.46 0.00	43.17 1.63 0.00	45.39 1.68 0.00	44.07 1.72 0.00	43.78 1.65 0.00	42.91 1.31 0.00	48.96 1.58 0.00	52.10 2.02 0.00	59.79 2.06 0.00	47.05 1.57 0.00	42.62 1.31 0.00	51.29 1.28 0.00	53.47 1.20 0.00
LOVETT___4 23642	34.03 1.28 0.00	34.90 1.35 0.00	31.06 1.19 0.00	35.71 1.32 0.00	31.74 1.16 0.00	30.98 1.10 0.00	35.46 1.31 0.00	35.91 1.35 0.00	35.50 1.31 0.00	33.93 1.16 0.00	43.07 1.48 0.00	41.19 1.46 0.00	43.17 1.63 0.00	45.39 1.68 0.00	44.07 1.72 0.00	43.78 1.65 0.00	42.91 1.31 0.00	48.96 1.58 0.00	52.10 2.02 0.00	59.79 2.06 0.00	47.05 1.57 0.00	42.62 1.31 0.00	51.29 1.28 0.00	53.47 1.20 0.00
LOVETT___5 23593	34.03 1.28 0.00	34.90 1.35 0.00	31.06 1.19 0.00	35.71 1.32 0.00	31.74 1.16 0.00	30.98 1.10 0.00	35.46 1.31 0.00	35.91 1.35 0.00	35.50 1.31 0.00	33.93 1.16 0.00	43.07 1.48 0.00	41.19 1.46 0.00	43.17 1.63 0.00	45.39 1.68 0.00	44.07 1.72 0.00	43.78 1.65 0.00	42.91 1.31 0.00	48.96 1.58 0.00	52.10 2.02 0.00	59.79 2.06 0.00	47.05 1.57 0.00	42.62 1.31 0.00	51.29 1.28 0.00	53.47 1.20 0.00
LOWER RAQUET___HYD 24057	33.72 0.96 0.00	34.38 0.83 0.00	30.55 0.68 0.00	35.24 0.84 0.00	31.36 0.79 0.00	30.58 0.70 0.00	34.82 0.67 0.00	35.27 0.71 0.00	34.82 0.63 0.00	33.40 0.63 0.00	42.44 0.85 0.00	40.41 0.67 0.00	42.03 0.48 0.00	44.53 0.82 0.00	43.24 0.89 0.00	42.99 0.86 0.00	42.42 0.82 0.00	47.99 0.61 0.00	50.07 0.00 0.00	58.18 0.45 0.00	46.10 0.61 0.00	42.19 0.88 0.00	51.51 1.50 0.00	54.08 1.80 0.00
LOWER___HUDSON 24059	33.93 1.17 0.00	34.88 1.33 0.00	31.07 1.20 0.00	35.74 1.35 0.00	31.76 1.19 0.00	31.03 1.15 0.00	35.60 1.44 0.00	36.02 1.45 0.00	35.59 1.40 0.00	34.00 1.23 0.00	43.38 1.79 0.00	41.55 1.81 0.00	43.54 2.00 0.00	45.75 2.04 0.00	44.34 1.99 0.00	44.08 1.95 0.00	43.46 1.86 0.00	49.60 2.23 0.00	52.47 2.40 0.00	60.35 2.62 0.00	47.46 1.98 0.00	43.07 1.76 0.00	52.19 2.18 0.00	54.44 2.17 0.00
LOWVILLE_115KV_TB2 356335	32.49 -0.27 0.00	33.19 -0.36 0.00	29.44 -0.43 0.00	33.93 -0.46 0.00	30.18 -0.39 0.00	29.62 -0.26 0.00	33.81 -0.35 0.00	34.24 -0.33 0.00	34.13 -0.07 0.00	33.30 0.53 0.00	42.05 0.46 0.00	39.37 -0.37 0.00	40.59 -0.95 0.00	43.49 -0.22 0.00	41.92 -0.44 0.00	41.73 -0.40 0.00	41.74 0.14 0.00	47.78 0.40 0.00	50.93 0.85 0.00	59.26 1.54 0.00	46.58 1.10 0.00	41.77 0.46 0.00	50.92 0.91 0.00	53.43 1.15 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	34.69 1.94 0.00	35.67 2.12 0.00	31.76 1.89 0.00	36.54 2.15 0.00	32.47 1.90 0.00	31.74 1.86 0.00	36.43 2.28 0.00	36.89 2.33 0.00	36.42 2.23 0.00	34.79 2.02 0.00	44.37 2.78 0.00	42.57 2.83 0.00	44.64 3.10 0.00	46.85 3.14 0.00	45.36 3.01 0.00	45.07 2.94 0.00	44.52 2.92 0.00	50.96 3.58 0.00	53.94 3.86 0.00	62.06 4.33 0.00	48.80 3.32 0.00	44.27 2.96 0.00	53.63 3.62 0.00	55.99 3.71 0.00

LUTHERNY_35_KV_BK2 355980	34.72 1.96 0.00	35.68 2.13 0.00	31.77 1.90 0.00	36.57 2.18 0.00	32.47 1.90 0.00	31.77 1.89 0.00	36.43 2.28 0.00	36.91 2.35 0.00	36.45 2.25 0.00	34.82 2.05 0.00	44.41 2.82 0.00	42.61 2.86 0.00	44.70 3.15 0.00	46.89 3.18 0.00	45.40 3.05 0.00	45.11 2.98 0.00	44.56 2.96 0.00	51.00 3.62 0.00	53.99 3.91 0.00	62.15 4.43 0.00	48.84 3.35 0.00	44.29 2.98 0.00	53.68 3.67 0.00	56.05 3.78 0.00
LWR___OSWEGATCHIE_HYD 23850	33.03 0.28 0.00	33.71 0.16 0.00	29.91 0.05 0.00	34.50 0.11 0.00	30.69 0.12 0.00	30.01 0.14 0.00	34.22 0.06 0.00	34.66 0.10 0.00	34.37 0.17 0.00	33.20 0.43 0.00	42.03 0.44 0.00	39.72 -0.02 0.00	41.08 -0.46 0.00	43.78 0.07 0.00	42.47 0.12 0.00	42.26 0.13 0.00	41.98 0.38 0.00	47.78 0.41 0.00	50.37 0.30 0.00	58.59 0.86 0.00	46.23 0.75 0.00	41.90 0.59 0.00	51.13 1.12 0.00	53.67 1.39 0.00
LYONS_FALL_HYD 23570	32.82 0.07 0.00	33.56 0.01 0.00	29.80 -0.07 0.00	34.33 -0.06 0.00	30.54 -0.03 0.00	29.92 0.05 0.00	34.20 0.04 0.00	34.62 0.06 0.00	34.43 0.24 0.00	33.41 0.64 0.00	42.28 0.69 0.00	39.89 0.15 0.00	41.36 -0.19 0.00	44.00 0.29 0.00	42.47 0.11 0.00	42.29 0.16 0.00	42.13 0.53 0.00	48.17 0.79 0.00	51.22 1.14 0.00	59.35 1.62 0.00	46.66 1.18 0.00	42.02 0.71 0.00	51.04 1.03 0.00	53.46 1.19 0.00
MADISON___COUNTY_LFGE 323628	33.13 0.37 0.00	33.90 0.35 0.00	30.17 0.30 0.00	34.77 0.38 0.00	30.94 0.37 0.00	30.29 0.41 0.00	34.68 0.52 0.00	35.12 0.55 0.00	34.82 0.63 0.00	33.53 0.76 0.00	42.55 0.96 0.00	40.51 0.76 0.00	42.31 0.77 0.00	44.59 0.89 0.00	43.10 0.74 0.00	42.94 0.81 0.00	42.61 1.01 0.00	48.60 1.22 0.00	51.43 1.35 0.00	59.28 1.55 0.00	46.62 1.13 0.00	42.20 0.89 0.00	51.02 1.01 0.00	53.35 1.08 0.00
MALONE___115KV_TB1 356076	33.58 0.83 0.00	34.18 0.62 0.00	30.36 0.49 0.00	34.98 0.59 0.00	31.17 0.60 0.00	30.51 0.64 0.00	34.91 0.75 0.00	35.47 0.91 0.00	35.03 0.84 0.00	33.45 0.68 0.00	42.22 0.63 0.00	42.79 0.47 -2.57	44.33 0.40 -2.39	47.06 0.60 -2.75	46.02 0.71 -2.96	45.76 0.69 -2.94	44.67 0.70 -2.38	50.70 0.68 -2.64	53.89 0.22 -3.59	62.39 0.69 -3.98	46.59 0.79 -0.31	42.34 1.04 0.00	51.67 1.30 -0.37	56.57 1.36 -2.94
MAPLEWOD_115KV_TB3 80458	33.75 0.99 0.00	34.69 1.14 0.00	30.91 1.04 0.00	35.55 1.16 0.00	31.60 1.02 0.00	30.86 0.98 0.00	35.38 1.23 0.00	35.78 1.22 0.00	35.34 1.15 0.00	33.80 1.03 0.00	43.20 1.61 0.00	41.38 1.63 0.00	43.35 1.80 0.00	45.57 1.86 0.00	44.19 1.84 0.00	43.95 1.82 0.00	43.30 1.70 0.00	49.40 2.03 0.00	52.27 2.20 0.00	60.10 2.37 0.00	47.34 1.86 0.00	42.93 1.62 0.00	51.97 1.97 0.00	54.19 1.92 0.00
MAPLE_RIDGE_WT_1 323574	32.19 -0.57 0.00	32.89 -0.66 0.00	29.28 -0.59 0.00	33.75 -0.64 0.00	30.15 -0.42 0.00	29.47 -0.41 0.00	33.64 -0.52 0.00	34.02 -0.54 0.00	33.64 -0.55 0.00	32.31 -0.46 0.00	40.96 -0.63 0.00	39.05 -0.69 0.00	40.68 -0.86 0.00	42.87 -0.84 0.00	41.54 -0.81 0.00	41.29 -0.84 0.00	40.86 -0.74 0.00	46.62 -0.76 0.00	49.57 -0.51 0.00	57.24 -0.49 0.00	45.23 -0.26 0.00	40.90 -0.41 0.00	49.79 -0.22 0.00	52.21 -0.07 0.00
MAPLE_RIDGE_WT_2 323611	32.19 -0.57 0.00	32.89 -0.66 0.00	29.28 -0.59 0.00	33.75 -0.64 0.00	30.15 -0.42 0.00	29.47 -0.41 0.00	33.64 -0.52 0.00	34.02 -0.54 0.00	33.64 -0.55 0.00	32.31 -0.46 0.00	40.96 -0.63 0.00	39.05 -0.69 0.00	40.68 -0.86 0.00	42.87 -0.84 0.00	41.54 -0.81 0.00	41.29 -0.84 0.00	40.86 -0.74 0.00	46.62 -0.76 0.00	49.57 -0.51 0.00	57.24 -0.49 0.00	45.23 -0.26 0.00	40.90 -0.41 0.00	49.79 -0.22 0.00	52.21 -0.07 0.00
MARBLE_RIVER_WT_PWR 323696	32.37 -0.38 0.00	32.71 -0.84 0.00	29.09 -0.78 0.00	33.27 -1.12 0.00	29.76 -0.81 0.00	29.28 -0.59 0.00	33.65 -0.50 0.00	34.40 -0.17 0.00	33.91 -0.28 0.00	32.24 -0.53 0.00	40.10 -1.49 0.00	-11.14 -1.70 49.19	-6.11 -2.08 45.57	-10.98 -2.03 52.66	-16.18 -1.96 56.57	-15.83 -1.84 56.12	-5.63 -1.86 45.37	-5.34 -2.27 50.44	-21.00 -2.40 68.68	-21.00 -2.70 76.03	37.49 -2.04 5.95	39.72 -1.59 0.00	41.03 -1.96 7.02	-5.98 -2.13 56.13
MARSHVLE_115KV_TB1 80742	34.31 1.55 0.00	35.17 1.62 0.00	31.26 1.40 0.00	35.98 1.59 0.00	31.96 1.39 0.00	31.26 1.38 0.00	35.73 1.58 0.00	35.92 1.36 0.00	35.54 1.34 0.00	34.05 1.28 0.00	43.00 1.41 0.00	41.30 1.56 0.00	42.92 1.38 0.00	44.63 1.86 0.00	43.36 1.01 0.00	43.24 1.10 0.00	43.08 1.48 0.00	49.59 2.21 0.00	52.57 2.49 0.00	60.71 2.98 0.00	47.85 2.36 0.00	43.38 2.07 0.00	52.53 2.53 0.00	54.90 2.63 0.00
MARSH_HILL_WT_PWR 323713	27.06 -3.51 2.19	29.99 -3.56 0.00	26.62 -3.25 0.00	31.03 -3.37 0.00	27.44 -3.13 0.00	26.48 -3.40 0.00	30.49 -3.66 0.00	30.79 -3.92 -0.14	30.24 -3.96 0.00	30.55 -3.55 -1.33	56.14 -4.69 -19.24	44.10 -4.87 -9.23	58.15 -5.07 -21.68	46.96 -5.39 -8.64	42.27 -5.63 -5.55	36.90 -5.36 -0.13	41.07 -4.77 -4.23	61.25 -5.10 -18.97	75.21 -5.34 -30.47	79.21 -5.97 -27.44	61.73 -4.85 -21.09	37.18 -4.26 -0.14	45.15 -4.86 0.00	48.15 -4.12 0.00
MCINTYRE_115KV_TB2 80467	34.54 1.79 0.00	35.22 1.67 0.00	31.28 1.41 0.00	36.11 1.72 0.00	32.12 1.55 0.00	31.36 1.49 0.00	35.84 1.68 0.00	36.28 1.72 0.00	35.72 1.53 0.00	34.15 1.37 0.00	43.30 1.71 0.00	41.01 1.27 0.00	42.71 1.17 0.00	45.37 1.66 0.00	44.15 1.79 0.00	43.88 1.75 0.00	43.43 1.83 0.00	49.30 1.92 0.00	51.58 1.50 0.00	59.88 2.15 0.00	47.42 1.94 0.00	43.35 2.05 0.00	52.77 2.76 0.00	55.30 3.03 0.00
MECO_____69_KV_BK1 80468	34.76 2.00 0.00	35.65 2.10 0.00	31.69 1.82 0.00	36.47 2.08 0.00	32.40 1.83 0.00	31.70 1.82 0.00	36.28 2.12 0.00	36.58 2.01 0.00	35.91 1.71 0.00	34.43 1.66 0.00	43.82 2.23 0.00	42.08 2.34 0.00	43.71 2.17 0.00	45.00 1.29 0.00	43.76 1.41 0.00	43.66 1.53 0.00	43.75 2.15 0.00	50.61 3.23 0.00	53.76 3.68 0.00	62.00 4.28 0.00	48.82 3.34 0.00	44.23 2.92 0.00	53.48 3.47 0.00	55.82 3.55 0.00
MENANDS___115KV_TB5 355628	33.61 0.85 0.00	34.56 1.01 0.00	30.79 0.93 0.00	35.42 1.03 0.00	31.48 0.91 0.00	30.74 0.86 0.00	35.25 1.10 0.00	35.65 1.08 0.00	35.22 1.03 0.00	33.66 0.89 0.00	43.08 1.49 0.00	41.23 1.49 0.00	43.19 1.65 0.00	45.43 1.72 0.00	44.06 1.70 0.00	43.81 1.67 0.00	43.16 1.56 0.00	49.20 1.82 0.00	52.03 1.95 0.00	59.82 2.09 0.00	47.14 1.65 0.00	42.74 1.43 0.00	51.76 1.75 0.00	53.97 1.70 0.00
MG INDUSTRY___DRP 24185	33.60 0.84 0.00	34.51 0.95 0.00	30.74 0.87 0.00	35.37 0.98 0.00	31.44 0.87 0.00	30.69 0.81 0.00	35.17 1.01 0.00	35.56 1.00 0.00	35.04 0.85 0.00	33.42 0.65 0.00	42.72 1.13 0.00	41.00 1.26 0.00	42.94 1.39 0.00	45.18 1.47 0.00	43.84 1.49 0.00	43.60 1.47 0.00	42.95 1.35 0.00	49.03 1.65 0.00	51.85 1.77 0.00	59.62 1.89 0.00	46.98 1.50 0.00	42.61 1.30 0.00	51.58 1.57 0.00	53.84 1.56 0.00

MID___OSWEGATCHIE_HYD 23849	33.03 0.28 0.00	33.71 0.16 0.00	29.91 0.05 0.00	34.50 0.11 0.00	30.69 0.12 0.00	30.01 0.14 0.00	34.22 0.06 0.00	34.66 0.10 0.00	34.37 0.17 0.00	33.20 0.43 0.00	42.03 0.44 0.00	39.72 -0.02 0.00	41.08 -0.46 0.00	43.78 0.07 0.00	42.47 0.12 0.00	42.26 0.13 0.00	41.98 0.38 0.00	47.78 0.41 0.00	50.37 0.30 0.00	58.59 0.86 0.00	46.23 0.75 0.00	41.90 0.59 0.00	51.13 1.12 0.00	53.67 1.39 0.00
MID___RAQUETTE_HYD 23851	33.72 0.96 0.00	34.38 0.83 0.00	30.55 0.68 0.00	35.24 0.85 0.00	31.36 0.79 0.00	30.58 0.70 0.00	34.82 0.67 0.00	35.27 0.71 0.00	34.82 0.63 0.00	33.41 0.63 0.00	42.44 0.85 0.00	40.42 0.68 0.00	42.03 0.48 0.00	44.53 0.82 0.00	43.25 0.90 0.00	42.99 0.86 0.00	42.42 0.82 0.00	47.99 0.61 0.00	50.07 0.00 0.00	58.19 0.46 0.00	46.10 0.61 0.00	42.19 0.88 0.00	51.51 1.50 0.00	54.08 1.81 0.00
MILLIKEN___1 23584	35.29 -0.24 -2.77	33.27 -0.28 0.00	29.59 -0.27 0.00	34.15 -0.24 0.00	30.32 -0.26 0.00	29.67 -0.21 0.00	33.93 -0.22 0.00	34.41 -0.17 -0.01	34.15 -0.04 0.00	32.87 0.01 -0.10	42.95 -0.03 -1.39	40.28 -0.13 -0.67	42.96 -0.15 -1.57	44.15 -0.19 -0.62	42.76 -0.38 -0.79	41.90 -0.24 -0.02	41.96 0.05 -0.30	48.96 0.21 -1.37	52.55 0.27 -2.20	60.13 0.42 -1.98	47.24 0.23 -1.52	41.47 0.15 -0.01	50.11 0.10 0.00	52.41 0.14 0.00
MILLIKEN___2 23585	35.29 -0.24 -2.77	33.27 -0.28 0.00	29.59 -0.27 0.00	34.15 -0.24 0.00	30.32 -0.26 0.00	29.67 -0.21 0.00	33.93 -0.22 0.00	34.41 -0.17 -0.01	34.15 -0.04 0.00	32.87 0.01 -0.10	42.95 -0.03 -1.39	40.28 -0.13 -0.67	42.96 -0.15 -1.57	44.15 -0.19 -0.62	42.76 -0.38 -0.79	41.90 -0.24 -0.02	41.96 0.05 -0.30	48.96 0.21 -1.37	52.55 0.27 -2.20	60.13 0.42 -1.98	47.24 0.23 -1.52	41.47 0.15 -0.01	50.11 0.10 0.00	52.41 0.14 0.00
MILLIKEN___DIESEL 23629	35.29 -0.24 -2.77	33.27 -0.28 0.00	29.59 -0.27 0.00	34.15 -0.24 0.00	30.32 -0.26 0.00	29.67 -0.21 0.00	33.93 -0.22 0.00	34.41 -0.17 -0.01	34.15 -0.04 0.00	32.87 0.01 -0.10	42.95 -0.03 -1.39	40.28 -0.13 -0.67	42.96 -0.15 -1.57	44.15 -0.19 -0.62	42.76 -0.38 -0.79	41.90 -0.24 -0.02	41.96 0.05 -0.30	48.96 0.21 -1.37	52.55 0.27 -2.20	60.13 0.42 -1.98	47.24 0.23 -1.52	41.47 0.15 -0.01	50.11 0.10 0.00	52.41 0.14 0.00
MILLSEAT___LFGE 323607	29.57 -2.46 0.73	30.66 -2.89 0.00	27.26 -2.61 0.00	31.60 -2.79 0.00	27.83 -2.73 0.00	27.44 -2.44 0.00	31.43 -2.72 0.00	31.55 -2.99 0.03	31.56 -2.63 0.00	30.29 -2.24 0.24	35.21 -2.93 3.46	34.91 -3.17 1.66	34.29 -3.36 3.89	38.74 -3.42 1.55	37.64 -3.56 1.15	38.65 -3.46 0.03	37.78 -3.07 0.76	40.43 -3.61 3.33	40.76 -3.96 5.36	48.91 -4.01 4.82	38.46 -3.33 3.70	38.25 -3.04 0.03	46.54 -3.46 0.00	49.23 -3.04 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	34.14 1.39 0.00	35.01 1.45 0.00	31.15 1.28 0.00	35.82 1.42 0.00	31.83 1.25 0.00	31.07 1.19 0.00	35.58 1.42 0.00	36.04 1.48 0.00	35.64 1.45 0.00	34.06 1.28 0.00	43.28 1.69 0.00	41.40 1.66 0.00	43.37 1.83 0.00	45.59 1.88 0.00	44.29 1.94 0.00	44.00 1.87 0.00	43.17 1.57 0.00	49.25 1.87 0.00	52.34 2.26 0.00	60.07 2.34 0.00	47.27 1.78 0.00	42.83 1.52 0.00	51.59 1.58 0.00	53.78 1.51 0.00
MILLWOOD_13_KV_LOAD 356217	34.19 1.43 0.00	35.06 1.50 0.00	31.19 1.32 0.00	35.85 1.46 0.00	31.86 1.29 0.00	31.10 1.22 0.00	35.62 1.47 0.00	36.10 1.53 0.00	35.69 1.50 0.00	34.10 1.33 0.00	43.32 1.73 0.00	41.44 1.69 0.00	43.40 1.86 0.00	45.64 1.93 0.00	44.35 2.00 0.00	44.06 1.93 0.00	43.22 1.62 0.00	49.32 1.94 0.00	52.42 2.35 0.00	60.16 2.43 0.00	47.34 1.85 0.00	42.90 1.59 0.00	51.65 1.65 0.00	53.85 1.58 0.00
MODEL_CITY_ENERGY 24167	28.48 -3.47 0.81	29.59 -3.97 0.00	26.31 -3.56 0.00	30.52 -3.87 0.00	26.85 -3.73 0.00	26.47 -3.41 0.00	30.28 -3.88 0.00	30.26 -4.27 0.03	30.22 -3.97 0.00	28.99 -3.48 0.30	32.94 -4.29 4.36	33.24 -4.41 2.09	32.08 -4.55 4.92	36.96 -4.79 1.96	35.96 -4.97 1.43	37.10 -5.00 0.03	35.99 -4.65 0.96	37.69 -5.53 4.16	37.31 -6.06 6.70	45.35 -6.36 6.02	35.71 -5.16 4.61	36.52 -4.75 0.03	44.58 -5.42 0.00	47.31 -4.96 0.00
MODERN_LFGE___ 323580	28.48 -3.47 0.81	29.59 -3.97 0.00	26.31 -3.56 0.00	30.52 -3.87 0.00	26.85 -3.73 0.00	26.47 -3.41 0.00	30.28 -3.88 0.00	30.26 -4.27 0.03	30.22 -3.97 0.00	28.99 -3.48 0.30	32.94 -4.29 4.36	33.24 -4.41 2.09	32.08 -4.55 4.92	36.96 -4.79 1.96	35.96 -4.97 1.43	37.10 -5.00 0.03	35.99 -4.65 0.96	37.69 -5.53 4.16	37.31 -6.06 6.70	45.35 -6.36 6.02	35.71 -5.16 4.61	36.52 -4.75 0.03	44.58 -5.42 0.00	47.31 -4.96 0.00
MOHAWK_PAPER___DRP 24187	33.75 0.99 0.00	34.69 1.14 0.00	30.91 1.04 0.00	35.55 1.16 0.00	31.60 1.02 0.00	30.86 0.98 0.00	35.38 1.23 0.00	35.78 1.22 0.00	35.34 1.15 0.00	33.80 1.03 0.00	43.20 1.61 0.00	41.38 1.63 0.00	43.35 1.80 0.00	45.57 1.86 0.00	44.19 1.84 0.00	43.95 1.82 0.00	43.30 1.70 0.00	49.40 2.03 0.00	52.27 2.20 0.00	60.10 2.37 0.00	47.34 1.86 0.00	42.93 1.62 0.00	51.97 1.97 0.00	54.19 1.92 0.00
MOHICAN___35_KV_115KV_LD 80490	35.40 2.65 0.00	36.46 2.91 0.00	32.46 2.59 0.00	37.33 2.94 0.00	33.17 2.60 0.00	32.45 2.57 0.00	37.29 3.14 0.00	37.86 3.29 0.00	37.45 3.26 0.00	35.72 2.95 0.00	45.50 3.91 0.00	43.71 3.97 0.00	45.86 4.32 0.00	48.15 4.44 0.00	46.48 4.13 0.00	46.17 4.04 0.00	45.71 4.11 0.00	52.35 4.98 0.00	55.49 5.41 0.00	63.84 6.11 0.00	50.19 4.70 0.00	45.58 4.27 0.00	55.27 5.27 0.00	57.65 5.38 0.00
MONGAUP___HYD 23641	34.28 1.52 0.00	35.11 1.56 0.00	31.23 1.36 0.00	35.90 1.51 0.00	31.90 1.33 0.00	31.16 1.28 0.00	35.70 1.55 0.00	36.14 1.57 0.00	35.59 1.40 0.00	33.72 0.95 0.00	42.61 1.02 0.00	40.88 1.14 0.00	43.22 1.67 0.00	45.26 1.55 0.00	43.93 1.58 0.00	43.89 1.76 0.00	43.21 1.61 0.00	49.49 2.12 0.00	52.78 2.71 0.00	60.71 2.99 0.00	47.80 2.32 0.00	43.33 2.01 0.00	52.16 2.16 0.00	54.40 2.12 0.00
MONTAUK___DIESEL 23721	36.48 1.17 -2.55	34.96 1.41 0.00	31.11 1.24 0.00	35.79 1.39 0.00	31.81 1.24 0.00	31.02 1.14 0.00	35.58 1.42 0.00	36.05 1.49 0.00	35.80 1.61 0.00	33.82 1.06 0.00	43.00 1.41 0.00	41.45 1.72 0.00	43.13 1.59 0.00	44.81 1.10 0.00	47.65 1.52 -3.79	89.59 1.70 -45.76	42.80 1.20 0.00	49.47 2.09 0.00	52.86 2.78 0.00	60.70 2.97 0.00	47.67 2.18 0.00	43.03 1.72 0.00	51.67 1.66 0.00	53.78 1.51 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.91 -2.80 1.05	30.60 -2.96 0.00	27.24 -2.63 0.00	31.60 -2.79 0.00	27.82 -2.75 0.00	27.42 -2.45 0.00	31.35 -2.81 0.00	31.78 -2.76 0.03	31.53 -2.67 0.00	30.18 -2.30 0.29	34.43 -2.99 4.16	34.68 -3.06 2.00	33.89 -2.96 4.69	38.80 -3.04 1.87	37.52 -3.43 1.40	38.81 -3.29 0.03	37.84 -2.85 0.92	39.96 -3.34 4.08	39.74 -3.78 6.56	48.04 -3.78 5.91	38.08 -2.87 4.54	38.93 -2.35 0.03	47.36 -2.64 0.00	50.08 -2.19 0.00

MORRIS_RIDGE___SOLAR 323848	28.20 -3.11 1.44	30.25 -3.30 0.00	26.91 -2.96 0.00	31.23 -3.16 0.00	27.50 -3.07 0.00	26.91 -2.97 0.00	30.84 -3.31 0.00	30.80 -3.56 0.20	30.77 -3.43 0.00	27.81 -3.06 1.90	9.91 -4.05 27.63	22.30 -4.19 13.25	6.09 -4.32 31.13	26.72 -4.58 12.41	28.99 -4.79 8.57	37.29 -4.64 0.20	31.42 -4.10 6.08	15.61 -4.55 27.22	1.53 -4.83 43.72	13.12 -5.23 39.38	10.93 -4.29 30.27	37.39 -3.73 0.20	45.72 -4.29 0.00	48.48 -3.80 0.00
MORTIMER_115KV_TB3 55949	30.19 -2.03 0.53	31.24 -2.32 0.00	27.80 -2.07 0.00	32.12 -2.28 0.00	28.40 -2.18 0.00	27.90 -1.98 0.00	31.91 -2.25 0.00	32.24 -2.32 0.00	32.13 -2.07 0.00	31.00 -1.77 0.00	39.13 -2.46 0.00	37.33 -2.41 0.00	38.93 -2.61 0.00	41.11 -2.60 0.00	39.63 -2.65 0.07	39.56 -2.57 0.00	39.27 -2.34 0.00	44.48 -2.90 -0.01	46.85 -3.24 -0.01	54.33 -3.41 -0.01	42.75 -2.75 -0.01	38.91 -2.41 0.00	47.24 -2.77 0.00	49.71 -2.57 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	34.36 1.60 0.00	35.20 1.65 0.00	31.31 1.45 0.00	35.99 1.60 0.00	31.98 1.41 0.00	31.22 1.34 0.00	35.76 1.60 0.00	36.24 1.67 0.00	35.85 1.66 0.00	34.26 1.49 0.00	43.54 1.95 0.00	41.66 1.92 0.00	43.63 2.09 0.00	45.85 2.14 0.00	44.57 2.22 0.00	44.26 2.13 0.00	43.38 1.78 0.00	49.47 2.09 0.00	52.56 2.48 0.00	60.28 2.55 0.00	47.45 1.96 0.00	43.00 1.69 0.00	51.77 1.76 0.00	53.95 1.68 0.00
MUNSVILLE_WIND_PWR 323609	34.12 -0.04 -1.40	33.40 -0.15 0.00	29.82 -0.05 0.00	34.43 0.04 0.00	30.66 0.08 0.00	30.12 0.24 0.00	34.77 0.61 0.00	35.51 0.94 -0.01	35.68 1.49 0.00	33.85 1.02 -0.07	43.50 0.94 -0.96	40.94 0.74 -0.46	43.31 0.69 -1.08	44.76 0.62 -0.43	43.11 0.28 -0.47	42.68 0.54 -0.01	42.80 0.99 -0.21	49.82 1.49 -0.95	53.11 1.51 -1.52	60.86 1.76 -1.37	47.86 1.32 -1.05	42.26 0.94 -0.01	51.11 1.10 0.00	53.21 0.93 0.00
N SALMON___HYD 24042	33.58 0.83 0.00	34.18 0.62 0.00	30.36 0.49 0.00	34.98 0.59 0.00	31.17 0.60 0.00	30.51 0.64 0.00	34.91 0.75 0.00	35.47 0.91 0.00	35.03 0.84 0.00	33.45 0.68 0.00	42.22 0.63 0.00	42.78 0.47 -2.57	44.33 0.40 -2.39	47.06 0.60 -2.75	46.02 0.71 -2.96	45.75 0.68 -2.94	44.67 0.69 -2.38	50.70 0.68 -2.64	53.88 0.21 -3.59	62.38 0.67 -3.98	46.58 0.78 -0.31	42.34 1.04 0.00	51.67 1.30 -0.37	56.56 1.35 -2.94
N.AKRON__115KV_KNAPP 355671	29.32 -2.69 0.75	30.42 -3.13 0.00	27.05 -2.81 0.00	31.38 -3.02 0.00	27.62 -2.95 0.00	27.23 -2.65 0.00	31.17 -2.98 0.00	31.27 -3.27 0.03	31.27 -2.93 0.00	30.00 -2.52 0.26	34.59 -3.27 3.73	34.52 -3.43 1.79	33.74 -3.60 4.21	38.34 -3.69 1.68	37.27 -3.85 1.23	38.30 -3.80 0.03	37.36 -3.42 0.82	39.64 -4.15 3.60	39.66 -4.63 5.79	47.81 -4.72 5.20	37.68 -3.81 3.99	37.85 -3.43 0.03	46.10 -3.90 0.00	48.82 -3.46 0.00
N.BELMOR_69_KV_BK1 55787	37.31 2.00 -2.55	35.67 2.12 0.00	31.72 1.85 0.00	36.47 2.08 0.00	32.41 1.84 0.00	31.63 1.75 0.00	36.25 2.09 0.00	36.69 2.13 0.00	36.37 2.18 0.00	34.57 1.80 0.00	44.11 2.52 0.00	42.22 2.47 0.00	43.99 2.45 0.00	46.07 2.37 0.00	48.83 2.69 -3.79	90.62 2.73 -45.76	43.85 2.25 0.00	50.17 2.79 0.00	53.36 3.28 0.00	61.25 3.52 0.00	48.14 2.65 0.00	43.55 2.24 0.00	52.33 2.32 0.00	54.56 2.28 0.00
N.E_GEN_SANDY PD 24062	60.11 1.14 -26.20	56.43 1.27 -21.61	43.12 1.14 -12.11	43.69 1.27 -8.02	40.39 1.12 -8.69	40.95 1.07 -9.99	43.58 1.35 -8.08	35.97 1.41 0.00	35.74 1.38 -0.17	34.73 1.20 -0.76	66.79 1.80 -23.40	63.21 1.80 -21.67	59.61 1.96 -16.11	57.90 2.00 -12.18	50.05 2.01 -5.69	44.15 1.95 -0.07	43.68 1.77 -0.31	50.25 2.04 -0.83	51.43 2.23 0.87	60.06 2.33 0.00	47.22 1.74 0.00	42.85 1.54 0.00	55.25 1.88 -3.36	55.96 1.91 -1.77
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	34.09 1.33 0.00	34.97 1.42 0.00	31.11 1.24 0.00	35.78 1.39 0.00	31.79 1.22 0.00	31.03 1.15 0.00	35.52 1.36 0.00	35.97 1.41 0.00	35.54 1.35 0.00	33.97 1.20 0.00	43.11 1.52 0.00	41.23 1.50 0.00	43.21 1.67 0.00	45.44 1.73 0.00	44.12 1.77 0.00	43.84 1.71 0.00	42.97 1.37 0.00	49.04 1.66 0.00	52.20 2.13 0.00	59.90 2.18 0.00	47.14 1.66 0.00	42.70 1.39 0.00	51.39 1.38 0.00	53.56 1.29 0.00
N.QUEENS_27_KV_LOAD 356247	34.37 1.61 -0.01	35.15 1.60 -0.01	31.27 1.40 -0.01	35.92 1.53 0.00	31.91 1.33 -0.01	31.15 1.27 -0.01	35.75 1.59 0.00	36.22 1.65 -0.01	35.84 1.64 0.00	34.32 1.54 0.00	43.73 2.14 -0.01	41.81 2.07 0.00	43.75 2.21 0.00	45.95 2.24 0.00	44.82 2.46 -0.01	44.42 2.29 0.00	43.48 1.87 -0.01	49.63 2.25 0.00	52.81 2.73 0.00	60.46 2.73 0.00	47.61 2.13 0.00	43.10 1.79 0.00	51.85 1.85 0.00	54.06 1.79 0.00
N.TROY___115KV_TB1 355778	33.93 1.17 0.00	34.88 1.33 0.00	31.07 1.20 0.00	35.74 1.35 0.00	31.76 1.19 0.00	31.03 1.15 0.00	35.60 1.45 0.00	36.02 1.45 0.00	35.59 1.40 0.00	34.00 1.23 0.00	43.38 1.79 0.00	41.55 1.81 0.00	43.54 2.00 0.00	45.75 2.04 0.00	44.34 1.99 0.00	44.08 1.95 0.00	43.46 1.86 0.00	49.60 2.23 0.00	52.47 2.40 0.00	60.34 2.61 0.00	47.46 1.98 0.00	43.07 1.76 0.00	52.19 2.19 0.00	54.45 2.17 0.00
NARROWS_GT1_1 24228	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
NARROWS_GT1_2 24229	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
NARROWS_GT1_3 24230	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
NARROWS_GT1_4 24231	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71

NARROWS_GT1_5 24232	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
NARROWS_GT1_6 24233	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
NARROWS_GT1_7 24234	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
NARROWS_GT1_8 24235	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
NARROWS_GT2_1 24236	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	592.04 1.80 -557.47	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
NARROWS_GT2_2 24237	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	592.04 1.80 -557.47	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
NARROWS_GT2_3 24238	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	592.04 1.80 -557.47	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
NARROWS_GT2_4 24239	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	592.04 1.80 -557.47	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
NARROWS_GT2_5 24240	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	592.04 1.80 -557.47	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
NARROWS_GT2_6 24241	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	592.04 1.80 -557.47	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
NARROWS_GT2_7 24242	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	592.04 1.80 -557.47	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
NARROWS_GT2_8 24243	59.87 1.91 -25.20	55.87 1.98 -20.34	55.14 1.75 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.86 1.98 -19.73	55.86 2.06 -19.24	55.65 2.08 -19.38	592.04 1.80 -557.47	67.24 2.40 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.24 2.60 -12.92	65.42 2.69 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.84 2.63 -15.83	61.41 3.03 -8.31	61.61 3.09 -0.80	60.62 2.47 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	34.25 1.49 0.00	35.14 1.59 0.00	31.29 1.42 0.00	36.01 1.61 0.00	32.01 1.44 0.00	31.26 1.38 0.00	35.87 1.72 0.00	36.30 1.73 0.00	35.74 1.54 0.00	33.89 1.12 0.00	43.59 2.00 0.00	41.72 1.98 0.00	43.81 2.27 0.00	46.12 2.41 0.00	44.87 2.51 0.00	44.69 2.56 0.00	44.06 2.46 0.00	50.52 3.14 0.00	53.52 3.44 0.00	61.54 3.82 0.00	48.50 3.01 0.00	43.92 2.61 0.00	53.14 3.13 0.00	55.40 3.13 0.00
NCHELSEA_115KV_TR2 355582	34.35 1.60 0.00	35.21 1.66 0.00	31.33 1.46 0.00	36.02 1.63 0.00	32.01 1.44 0.00	31.26 1.38 0.00	35.81 1.66 0.00	36.30 1.74 0.00	35.89 1.69 0.00	34.26 1.49 0.00	43.53 1.94 0.00	41.65 1.91 0.00	43.70 2.15 0.00	45.98 2.27 0.00	44.64 2.29 0.00	44.35 2.22 0.00	43.59 1.99 0.00	49.77 2.39 0.00	52.89 2.82 0.00	60.76 3.03 0.00	47.80 2.32 0.00	43.33 2.02 0.00	52.20 2.19 0.00	54.46 2.18 0.00
NEG CAPITAL___MECHNVIL 23645	34.63 1.88 0.00	35.59 2.04 0.00	31.69 1.82 0.00	36.46 2.07 0.00	32.40 1.83 0.00	31.68 1.80 0.00	36.37 2.22 0.00	36.81 2.24 0.00	36.34 2.15 0.00	34.72 1.95 0.00	44.30 2.71 0.00	42.51 2.76 0.00	44.56 3.01 0.00	46.78 3.07 0.00	45.30 2.95 0.00	45.02 2.90 0.00	44.46 2.86 0.00	50.87 3.49 0.00	53.85 3.77 0.00	61.95 4.22 0.00	48.71 3.22 0.00	44.18 2.87 0.00	53.50 3.50 0.00	55.83 3.56 0.00

NEG CENTRAL_HIGH_ACRES 23767	30.15 -2.22 0.38	31.10 -2.45 0.00	27.68 -2.19 0.00	31.96 -2.43 0.00	28.29 -2.28 0.00	27.79 -2.09 0.00	31.77 -2.38 0.00	32.12 -2.44 0.00	31.99 -2.21 0.00	30.86 -1.91 0.00	39.00 -2.59 0.00	37.18 -2.56 0.00	38.80 -2.75 0.00	40.94 -2.77 0.00	39.49 -2.81 0.05	39.42 -2.71 0.00	39.14 -2.46 0.00	44.39 -2.99 0.00	46.78 -3.29 0.00	54.16 -3.56 0.00	42.61 -2.88 0.00	38.76 -2.55 0.00	46.99 -3.01 0.00	49.36 -2.92 0.00
NEG CENTRAL___DRP 24199	31.19 -0.98 0.58	32.48 -1.07 0.00	28.89 -0.97 0.00	33.37 -1.03 0.00	29.58 -0.99 0.00	28.97 -0.91 0.00	33.13 -1.02 0.00	33.58 -1.00 -0.01	33.32 -0.88 0.00	32.18 -0.72 -0.13	42.50 -0.97 -1.87	39.60 -1.04 -0.90	42.54 -1.11 -2.11	43.36 -1.19 -0.84	41.51 -1.34 -0.49	40.94 -1.21 -0.01	41.13 -0.88 -0.41	48.25 -0.98 -1.85	51.97 -1.07 -2.96	59.31 -1.09 -2.67	46.61 -0.93 -2.05	40.53 -0.80 -0.01	48.99 -1.01 0.00	51.34 -0.94 0.00
NEG CENTRAL___INDECK 23768	29.88 -1.56 1.31	31.74 -1.81 0.00	28.21 -1.66 0.00	32.68 -1.71 0.00	28.87 -1.71 0.00	28.29 -1.58 0.00	32.49 -1.67 0.00	32.95 -1.76 -0.15	32.65 -1.55 0.00	32.84 -1.30 -1.36	59.39 -1.99 -19.80	46.95 -2.29 -9.50	61.22 -2.64 -22.31	49.89 -2.71 -8.89	45.30 -2.89 -5.84	39.65 -2.62 -0.14	43.92 -2.04 -4.35	64.82 -2.08 -19.52	79.42 -2.01 -31.35	84.03 -1.94 -28.24	65.51 -1.69 -21.70	40.00 -1.45 -0.14	48.33 -1.68 0.00	51.05 -1.23 0.00
NEG CENTRAL___SENECA 23627	30.50 -1.15 1.11	32.30 -1.25 0.00	28.72 -1.14 0.00	33.22 -1.18 0.00	29.41 -1.16 0.00	28.82 -1.06 0.00	32.99 -1.16 0.00	33.44 -1.15 -0.02	33.19 -1.00 0.00	32.17 -0.80 -0.20	43.49 -1.07 -2.96	39.98 -1.18 -1.42	43.65 -1.24 -3.34	43.69 -1.35 -1.33	41.56 -1.55 -0.75	40.75 -1.40 -0.02	41.24 -1.01 -0.65	49.15 -1.14 -2.92	53.48 -1.29 -4.69	60.66 -1.29 -4.22	47.63 -1.10 -3.24	40.45 -0.88 -0.02	48.90 -1.11 0.00	51.31 -0.97 0.00
NEG CENTRAL___STATE_STREET 24147	32.56 -0.54 -0.34	32.96 -0.59 0.00	29.28 -0.59 0.00	33.83 -0.56 0.00	30.05 -0.52 0.00	29.42 -0.45 0.00	33.62 -0.53 0.00	34.05 -0.51 0.00	33.78 -0.41 0.00	32.36 -0.42 0.00	41.01 -0.58 0.00	39.10 -0.64 0.00	40.83 -0.71 0.00	43.01 -0.70 0.00	41.56 -0.84 -0.04	41.41 -0.72 0.00	41.23 -0.37 0.00	47.00 -0.38 0.00	49.68 -0.40 0.00	57.38 -0.35 0.00	45.14 -0.35 0.00	40.96 -0.35 0.00	49.53 -0.48 0.00	51.84 -0.44 0.00
NEG MILLWOOD___DRP 24198	34.47 1.71 0.00	35.33 1.78 0.00	31.43 1.56 0.00	36.13 1.74 0.00	32.11 1.54 0.00	31.36 1.48 0.00	35.94 1.78 0.00	36.44 1.88 0.00	36.05 1.85 0.00	34.44 1.67 0.00	43.75 2.16 0.00	41.83 2.08 0.00	43.83 2.28 0.00	46.11 2.40 0.00	44.80 2.45 0.00	44.52 2.39 0.00	43.77 2.16 0.00	49.96 2.58 0.00	53.10 3.02 0.00	61.00 3.27 0.00	47.99 2.50 0.00	43.50 2.19 0.00	52.40 2.39 0.00	54.65 2.37 0.00
NEG NORTH_FLCN_SEA 23793	32.93 0.18 0.00	33.45 -0.10 0.00	29.74 -0.13 0.00	34.05 -0.34 0.00	30.33 -0.24 0.00	29.74 -0.14 0.00	34.15 0.00 0.00	34.85 0.29 0.00	34.36 0.16 0.00	32.72 -0.05 0.00	40.90 -0.69 0.00	-8.92 -0.92 47.73	-3.84 -1.16 44.23	-8.54 -1.15 51.10	-13.67 -1.13 54.90	-13.39 -1.05 54.47	-3.44 -1.01 44.03	-2.95 -1.38 48.95	-18.20 -1.64 66.65	-17.78 -1.72 73.78	38.60 -1.11 5.78	40.57 -0.74 0.00	42.28 -0.92 6.81	-3.30 -1.11 54.47
NEG NORTH_KES_CHATEGAY 23792	32.94 0.18 0.00	33.51 -0.04 0.00	29.79 -0.08 0.00	34.30 -0.09 0.00	30.56 -0.01 0.00	29.96 0.08 0.00	34.33 0.17 0.00	34.89 0.32 0.00	34.41 0.21 0.00	32.83 0.05 0.00	41.25 -0.34 0.00	43.18 -0.44 -3.88	44.60 -0.54 -3.59	47.45 -0.41 -4.15	46.46 -0.35 -4.46	46.17 -0.39 -4.43	44.79 -0.38 -3.58	50.83 -0.52 -3.98	54.61 -0.88 -5.41	62.95 -0.77 -5.99	45.63 -0.33 -0.47	41.18 -0.13 0.00	50.49 -0.07 -0.55	56.61 -0.09 -4.42
NEG NORTH___ALICE_FALLS 23915	33.16 0.40 0.00	33.69 0.14 0.00	29.95 0.09 0.00	34.32 -0.08 0.00	30.59 0.02 0.00	30.03 0.16 0.00	34.45 0.29 0.00	35.15 0.58 0.00	34.66 0.46 0.00	33.02 0.25 0.00	41.32 -0.27 0.00	66.93 -0.53 -27.71	66.50 -0.72 -25.68	72.73 -0.65 -29.67	73.63 -0.60 -31.87	73.15 -0.60 -31.62	66.62 -0.55 -25.56	75.05 -0.75 -28.42	87.77 -1.01 -38.69	99.63 -0.94 -42.84	48.37 -0.47 -3.35	41.17 -0.14 0.00	53.74 -0.23 -3.96	83.52 -0.38 -31.62
NEG NORTH___LWR_SARANAC 23913	33.16 0.40 0.00	33.69 0.14 0.00	29.95 0.09 0.00	34.32 -0.08 0.00	30.59 0.02 0.00	30.03 0.16 0.00	34.45 0.29 0.00	35.15 0.58 0.00	34.66 0.46 0.00	33.02 0.25 0.00	41.32 -0.27 0.00	66.93 -0.53 -27.71	66.50 -0.72 -25.68	72.73 -0.65 -29.67	73.63 -0.60 -31.87	73.15 -0.60 -31.62	66.62 -0.55 -25.56	75.05 -0.75 -28.42	87.77 -1.01 -38.69	99.63 -0.94 -42.84	48.37 -0.47 -3.35	41.17 -0.14 0.00	53.74 -0.23 -3.96	83.52 -0.38 -31.62
NEG NORTH___PLATTSBURG 23628	33.16 0.41 0.00	33.69 0.14 0.00	29.96 0.09 0.00	34.32 -0.08 0.00	30.59 0.02 0.00	30.03 0.16 0.00	34.45 0.29 0.00	35.15 0.59 0.00	34.66 0.46 0.00	33.02 0.25 0.00	41.32 -0.27 0.00	66.92 -0.54 -27.71	66.51 -0.72 -25.68	72.72 -0.65 -29.67	73.63 -0.60 -31.87	73.15 -0.60 -31.62	66.61 -0.56 -25.56	75.04 -0.75 -28.42	87.74 -1.03 -38.69	99.61 -0.95 -42.84	48.37 -0.47 -3.35	41.17 -0.14 0.00	53.74 -0.23 -3.96	83.51 -0.39 -31.62
NEG WEST_LEA_LOCKPORT 23791	28.72 -3.25 0.79	29.83 -3.72 0.00	26.54 -3.33 0.00	30.79 -3.60 0.00	27.07 -3.50 0.00	26.69 -3.19 0.00	30.52 -3.63 0.00	30.58 -3.96 0.03	30.55 -3.64 0.00	29.29 -3.17 0.31	33.04 -4.08 4.48	33.46 -4.13 2.15	32.18 -4.31 5.05	37.25 -4.45 2.01	36.27 -4.62 1.46	37.46 -4.64 0.03	36.33 -4.28 0.98	37.81 -5.22 4.34	37.25 -5.85 6.98	45.36 -6.09 6.27	35.80 -4.87 4.82	36.94 -4.34 0.03	45.09 -4.92 0.00	47.82 -4.45 0.00
NEG WEST___LANCASTER 23811	29.79 -1.95 1.01	31.26 -2.29 0.00	27.80 -2.07 0.00	32.26 -2.13 0.00	28.40 -2.17 0.00	27.94 -1.94 0.00	31.92 -2.24 0.00	32.10 -2.43 0.03	32.06 -2.14 0.00	30.72 -1.74 0.31	34.91 -2.15 4.53	35.31 -2.26 2.17	34.18 -2.26 5.10	39.24 -2.43 2.03	37.99 -2.86 1.51	39.17 -2.92 0.04	38.10 -2.51 1.00	39.91 -3.03 4.43	39.51 -3.44 7.12	47.94 -3.38 6.41	37.78 -2.79 4.92	38.74 -2.54 0.03	47.20 -2.81 0.00	50.04 -2.24 0.00
NEG_PENN_ALLEGHNY 23528	31.68 -0.65 0.42	32.87 -0.69 0.00	29.25 -0.61 0.00	33.80 -0.59 0.00	29.95 -0.62 0.00	29.28 -0.59 0.00	33.47 -0.69 0.00	33.89 -0.67 0.00	33.62 -0.58 0.00	32.29 -0.48 0.00	41.03 -0.56 0.00	39.15 -0.59 0.00	41.04 -0.50 0.00	43.14 -0.58 0.00	41.49 -0.80 0.06	41.36 -0.77 0.00	41.03 -0.57 0.00	46.75 -0.63 0.00	49.43 -0.65 0.00	57.15 -0.58 0.00	44.92 -0.57 0.00	40.73 -0.58 0.00	49.25 -0.76 0.00	51.59 -0.68 0.00
NEG___GEN_MONROE 24207	30.31 -1.90 0.54	31.33 -2.22 0.00	27.88 -1.99 0.00	32.22 -2.17 0.00	28.47 -2.10 0.00	28.00 -1.88 0.00	32.03 -2.12 0.00	32.35 -2.21 0.00	32.26 -1.94 0.00	31.14 -1.63 0.00	39.31 -2.28 0.00	37.42 -2.32 0.00	39.01 -2.54 0.00	41.17 -2.54 0.00	39.68 -2.60 0.07	39.65 -2.48 0.00	39.40 -2.20 0.00	44.71 -2.68 -0.01	47.11 -2.99 -0.02	54.70 -3.05 -0.01	43.02 -2.48 -0.01	39.11 -2.20 0.00	47.46 -2.54 0.00	49.99 -2.28 0.00

NEPA__ENERGY 23901	29.03 -2.71 1.01	30.65 -2.90 0.00	27.25 -2.62 0.00	31.71 -2.69 0.00	27.91 -2.67 0.00	27.42 -2.45 0.00	31.32 -2.83 0.00	31.63 -2.89 0.04	31.43 -2.76 0.00	30.02 -2.40 0.35	33.54 -3.04 5.01	34.21 -3.12 2.40	32.86 -3.03 5.65	38.34 -3.12 2.25	37.08 -3.62 1.65	38.49 -3.60 0.04	37.41 -3.09 1.10	38.73 -3.72 4.92	38.01 -4.16 7.91	46.38 -4.22 7.12	36.57 -3.45 5.47	38.23 -3.04 0.04	46.44 -3.57 0.00	49.06 -3.22 0.00
NEVERSink__HYD 23608	34.01 1.25 0.00	34.78 1.23 0.00	30.93 1.06 0.00	35.59 1.20 0.00	31.63 1.06 0.00	30.91 1.03 0.00	35.39 1.23 0.00	35.84 1.28 0.00	35.40 1.21 0.00	33.78 1.01 0.00	42.78 1.19 0.00	41.09 1.35 0.00	43.14 1.60 0.00	45.30 1.59 0.00	43.92 1.57 0.00	43.72 1.58 0.00	42.91 1.31 0.00	49.18 1.80 0.00	52.37 2.29 0.00	60.19 2.46 0.00	47.34 1.86 0.00	42.92 1.60 0.00	51.67 1.66 0.00	53.90 1.62 0.00
NEWKRMKL_115KV_TB1 55635	33.45 0.69 0.00	34.37 0.82 0.00	30.61 0.75 0.00	35.22 0.83 0.00	31.30 0.73 0.00	30.57 0.69 0.00	35.04 0.89 0.00	35.45 0.89 0.00	35.00 0.81 0.00	33.47 0.70 0.00	42.91 1.32 0.00	41.06 1.32 0.00	43.02 1.48 0.00	45.25 1.54 0.00	43.89 1.54 0.00	43.64 1.51 0.00	43.00 1.40 0.00	49.00 1.62 0.00	51.85 1.77 0.00	59.60 1.87 0.00	47.02 1.54 0.00	42.61 1.30 0.00	51.58 1.58 0.00	53.82 1.54 0.00
NEWTON__FALLS_HYD 23847	33.03 0.28 0.00	33.71 0.16 0.00	29.91 0.05 0.00	34.50 0.11 0.00	30.69 0.12 0.00	30.01 0.14 0.00	34.22 0.06 0.00	34.66 0.10 0.00	34.37 0.17 0.00	33.20 0.43 0.00	42.03 0.44 0.00	39.72 -0.02 0.00	41.08 -0.46 0.00	43.78 0.07 0.00	42.47 0.12 0.00	42.26 0.13 0.00	41.98 0.38 0.00	47.78 0.41 0.00	50.37 0.30 0.00	58.59 0.86 0.00	46.23 0.75 0.00	41.90 0.59 0.00	51.13 1.12 0.00	53.67 1.39 0.00
NGRID_A1_DSASP 323792	28.18 -3.77 0.81	29.28 -4.26 0.00	26.06 -3.81 0.00	30.22 -4.17 0.00	26.58 -4.00 0.00	26.19 -3.68 0.00	29.96 -4.19 0.00	30.07 -4.46 0.03	30.07 -4.12 0.00	28.81 -3.65 0.31	32.33 -4.79 4.48	32.88 -4.71 2.15	31.53 -4.97 5.04	36.61 -5.09 2.01	35.67 -5.22 1.47	36.87 -5.23 0.03	35.68 -4.93 0.98	36.88 -6.08 4.41	36.20 -6.80 7.09	44.13 -7.22 6.38	34.84 -5.74 4.91	36.19 -5.09 0.03	44.22 -5.78 0.00	46.94 -5.33 0.00
NGRID_A2_DSASP 323793	28.18 -3.77 0.81	29.28 -4.26 0.00	26.06 -3.81 0.00	30.22 -4.17 0.00	26.58 -4.00 0.00	26.19 -3.68 0.00	29.96 -4.19 0.00	30.07 -4.46 0.03	30.07 -4.12 0.00	28.81 -3.65 0.31	32.33 -4.79 4.48	32.88 -4.71 2.15	31.53 -4.97 5.04	36.61 -5.09 2.01	35.67 -5.22 1.47	36.87 -5.23 0.03	35.68 -4.93 0.98	36.88 -6.08 4.41	36.20 -6.80 7.09	44.13 -7.22 6.38	34.84 -5.74 4.91	36.19 -5.09 0.03	44.22 -5.78 0.00	46.94 -5.33 0.00
NGRID_A4_DSASP 323807	28.18 -3.77 0.81	29.28 -4.26 0.00	26.06 -3.81 0.00	30.22 -4.17 0.00	26.58 -4.00 0.00	26.19 -3.68 0.00	29.96 -4.19 0.00	30.07 -4.46 0.03	30.07 -4.12 0.00	28.81 -3.65 0.31	32.33 -4.79 4.48	32.88 -4.71 2.15	31.53 -4.97 5.04	36.61 -5.09 2.01	35.67 -5.22 1.47	36.87 -5.23 0.03	35.68 -4.93 0.98	36.88 -6.08 4.41	36.20 -6.80 7.09	44.13 -7.22 6.38	34.84 -5.74 4.91	36.19 -5.09 0.03	44.22 -5.78 0.00	46.94 -5.33 0.00
NIAGARA_115E_LBMP 323715	28.32 -3.62 0.82	29.43 -4.12 0.00	26.18 -3.69 0.00	30.37 -4.02 0.00	26.71 -3.87 0.00	26.32 -3.55 0.00	30.11 -4.04 0.00	30.06 -4.47 0.03	30.02 -4.17 0.00	28.79 -3.68 0.31	32.66 -4.46 4.46	33.00 -4.60 2.14	31.79 -4.72 5.03	36.69 -5.01 2.01	35.71 -5.19 1.46	36.86 -5.24 0.03	35.73 -4.90 0.98	37.35 -5.79 4.24	36.93 -6.32 6.83	44.93 -6.68 6.13	35.38 -5.42 4.69	36.27 -5.01 0.03	44.28 -5.72 0.00	47.00 -5.28 0.00
NIAGARA_115W_LBMP 323714	28.13 -3.81 0.81	29.23 -4.32 0.00	26.01 -3.86 0.00	30.18 -4.21 0.00	26.52 -4.05 0.00	26.15 -3.73 0.00	29.91 -4.25 0.00	30.02 -4.51 0.03	30.02 -4.17 0.00	28.76 -3.70 0.31	32.29 -4.85 4.45	32.83 -4.77 2.13	31.51 -5.02 5.01	36.57 -5.15 2.00	35.62 -5.28 1.46	36.81 -5.29 0.03	35.63 -4.99 0.98	36.84 -6.15 4.39	36.17 -6.85 7.05	44.08 -7.30 6.36	34.80 -5.80 4.88	36.13 -5.15 0.03	44.16 -5.85 0.00	46.86 -5.42 0.00
NIAGARA_230_LBMP 323716	28.48 -3.49 0.79	29.59 -3.96 0.00	26.33 -3.54 0.00	30.54 -3.85 0.00	26.86 -3.72 0.00	26.47 -3.41 0.00	30.27 -3.88 0.00	30.38 -4.15 0.03	30.37 -3.82 0.00	29.11 -3.37 0.29	32.92 -4.44 4.23	33.36 -4.35 2.03	32.14 -4.64 4.77	37.09 -4.72 1.90	36.10 -4.86 1.39	37.24 -4.86 0.03	36.10 -4.57 0.93	37.48 -5.70 4.20	36.97 -6.36 6.74	44.92 -6.74 6.08	35.45 -5.37 4.67	36.59 -4.69 0.03	44.69 -5.32 0.00	47.41 -4.87 0.00
NIAGARA__115KV_198_GIBSON 55903	28.14 -3.81 0.81	29.23 -4.33 0.00	26.01 -3.85 0.00	30.18 -4.22 0.00	26.53 -4.05 0.00	26.15 -3.73 0.00	29.90 -4.26 0.00	30.01 -4.52 0.03	30.01 -4.18 0.00	28.76 -3.70 0.31	32.25 -4.89 4.45	32.82 -4.79 2.13	31.49 -5.05 5.01	36.56 -5.15 2.00	35.62 -5.28 1.46	36.79 -5.31 0.03	35.62 -5.00 0.98	36.89 -6.10 4.39	36.27 -6.75 7.05	44.22 -7.16 6.35	34.88 -5.72 4.88	36.14 -5.14 0.03	44.16 -5.85 0.00	46.86 -5.41 0.00
NIAGARA____ 23760	28.47 -3.49 0.79	29.59 -3.96 0.00	26.33 -3.54 0.00	30.54 -3.85 0.00	26.86 -3.72 0.00	26.47 -3.41 0.00	30.27 -3.88 0.00	30.38 -4.15 0.03	30.37 -3.82 0.00	29.11 -3.37 0.29	32.87 -4.44 4.28	33.33 -4.35 2.05	32.09 -4.64 4.82	37.07 -4.72 1.92	36.09 -4.86 1.40	37.23 -4.86 0.03	36.09 -4.57 0.94	37.46 -5.70 4.22	36.93 -6.36 6.78	44.89 -6.74 6.11	35.43 -5.37 4.69	36.59 -4.69 0.03	44.69 -5.32 0.00	47.41 -4.87 0.00
NINE_MILE_1 23575	31.41 -1.35 0.00	32.14 -1.41 0.00	28.64 -1.23 0.00	32.95 -1.44 0.00	29.29 -1.29 0.00	28.65 -1.23 0.00	32.65 -1.51 0.00	33.03 -1.53 0.00	32.74 -1.46 0.00	31.44 -1.33 0.00	39.83 -1.76 0.00	38.04 -1.70 0.00	39.76 -1.78 0.00	41.84 -1.87 0.00	40.51 -1.84 0.00	40.34 -1.79 0.00	39.90 -1.70 0.00	45.40 -1.97 0.00	47.98 -2.10 0.00	55.35 -2.37 0.00	43.59 -1.90 0.00	39.58 -1.73 0.00	47.90 -2.11 0.00	50.09 -2.18 0.00
NINE_MILE_2 23744	31.41 -1.35 0.00	32.15 -1.41 0.00	28.64 -1.23 0.00	32.95 -1.44 0.00	29.29 -1.28 0.00	28.65 -1.23 0.00	32.65 -1.50 0.00	33.04 -1.53 0.00	32.74 -1.46 0.00	31.44 -1.33 0.00	39.83 -1.76 0.00	38.04 -1.70 0.00	39.76 -1.78 0.00	41.84 -1.87 0.00	40.51 -1.84 0.00	40.34 -1.79 0.00	39.90 -1.70 0.00	45.40 -1.97 0.00	47.99 -2.09 0.00	55.35 -2.37 0.00	43.59 -1.90 0.00	39.58 -1.73 0.00	47.90 -2.11 0.00	50.10 -2.17 0.00
NM_CAPITAL__DRP 24208	33.53 0.77 0.00	34.47 0.92 0.00	30.71 0.85 0.00	35.32 0.93 0.00	31.40 0.83 0.00	30.66 0.78 0.00	35.16 1.00 0.00	35.57 1.01 0.00	35.13 0.94 0.00	33.58 0.81 0.00	43.00 1.41 0.00	41.15 1.41 0.00	43.11 1.56 0.00	45.34 1.63 0.00	43.97 1.62 0.00	43.72 1.59 0.00	43.07 1.47 0.00	49.09 1.71 0.00	51.92 1.85 0.00	59.70 1.97 0.00	47.05 1.57 0.00	42.66 1.35 0.00	51.65 1.65 0.00	53.87 1.60 0.00

NM_CENTRAL___DRP 24181	31.92 -0.84 0.00	32.66 -0.89 0.00	29.10 -0.77 0.00	33.48 -0.91 0.00	29.74 -0.83 0.00	29.11 -0.77 0.00	33.21 -0.94 0.00	33.61 -0.95 0.00	33.35 -0.84 0.00	32.06 -0.71 0.00	40.66 -0.93 0.00	38.81 -0.93 0.00	40.57 -0.97 0.00	42.71 -1.00 0.00	41.32 -1.03 0.00	41.16 -0.97 0.00	40.76 -0.84 0.00	46.36 -1.02 0.00	49.01 -1.07 0.00	56.54 -1.19 0.00	44.48 -1.01 0.00	40.36 -0.95 0.00	48.82 -1.19 0.00	51.06 -1.21 0.00
NM_FRONTIER___DRP 24179	28.14 -3.81 0.81	29.23 -4.33 0.00	26.01 -3.85 0.00	30.18 -4.22 0.00	26.53 -4.05 0.00	26.15 -3.73 0.00	29.90 -4.26 0.00	30.01 -4.52 0.03	30.01 -4.18 0.00	28.76 -3.70 0.31	32.25 -4.89 4.45	32.82 -4.79 2.13	31.49 -5.05 5.01	36.56 -5.15 2.00	35.62 -5.28 1.46	36.79 -5.31 0.03	35.62 -5.00 0.98	36.89 -6.10 4.39	36.27 -6.75 7.05	44.22 -7.16 6.35	34.88 -5.72 4.88	36.14 -5.14 0.03	44.16 -5.85 0.00	46.86 -5.41 0.00
NM_ST_REGIS___HYD 24053	33.70 0.95 0.00	34.35 0.80 0.00	30.51 0.64 0.00	35.19 0.79 0.00	31.32 0.75 0.00	30.58 0.70 0.00	34.87 0.71 0.00	35.34 0.78 0.00	34.89 0.70 0.00	33.43 0.66 0.00	42.39 0.80 0.00	41.35 0.62 -0.99	42.91 0.45 -0.92	45.52 0.75 -1.06	44.34 0.85 -1.14	44.08 0.82 -1.13	43.31 0.80 -0.91	49.02 0.63 -1.01	51.52 0.06 -1.38	59.79 0.54 -1.53	46.28 0.67 -0.12	42.24 0.93 0.00	51.62 1.47 -0.14	55.11 1.71 -1.13
NORTHPORT___1 23551	37.35 2.04 -2.55	35.79 2.24 0.00	31.81 1.95 0.00	36.64 2.25 0.00	32.57 1.99 0.00	31.76 1.88 0.00	36.37 2.21 0.00	36.82 2.26 0.00	36.51 2.32 0.00	34.68 1.90 0.00	44.25 2.66 0.00	42.44 2.70 0.00	44.25 2.71 0.00	46.26 2.55 0.00	49.00 2.86 -3.79	90.88 2.99 -45.76	44.03 2.43 0.00	50.24 2.86 0.00	53.46 3.38 0.00	61.44 3.71 0.00	48.23 2.75 0.00	43.60 2.29 0.00	52.36 2.35 0.00	54.67 2.39 0.00
NORTHPORT___2 23552	37.35 2.04 -2.55	35.79 2.24 0.00	31.81 1.95 0.00	36.64 2.25 0.00	32.57 1.99 0.00	31.76 1.88 0.00	36.37 2.21 0.00	36.82 2.26 0.00	36.51 2.32 0.00	34.68 1.90 0.00	44.25 2.66 0.00	42.44 2.70 0.00	44.25 2.71 0.00	46.26 2.55 0.00	49.00 2.86 -3.79	90.88 2.99 -45.76	44.03 2.43 0.00	50.24 2.86 0.00	53.46 3.38 0.00	61.44 3.71 0.00	48.23 2.75 0.00	43.60 2.29 0.00	52.36 2.35 0.00	54.67 2.39 0.00
NORTHPORT___3 23553	37.07 1.76 -2.55	35.49 1.94 0.00	31.57 1.70 0.00	36.33 1.93 0.00	32.29 1.71 0.00	31.49 1.61 0.00	36.09 1.94 0.00	36.53 1.96 0.00	36.24 2.05 0.00	34.40 1.63 0.00	43.88 2.29 0.00	42.07 2.33 0.00	43.84 2.30 0.00	45.86 2.15 0.00	48.62 2.48 -3.79	90.55 2.66 -45.76	43.65 2.05 0.00	49.85 2.47 0.00	53.03 2.96 0.00	60.93 3.20 0.00	47.85 2.37 0.00	43.28 1.97 0.00	51.93 1.92 0.00	54.16 1.89 0.00
NORTHPORT___4 23650	37.07 1.76 -2.55	35.49 1.94 0.00	31.57 1.70 0.00	36.33 1.93 0.00	32.29 1.71 0.00	31.49 1.61 0.00	36.09 1.94 0.00	36.53 1.96 0.00	36.24 2.05 0.00	34.40 1.63 0.00	43.88 2.29 0.00	42.07 2.33 0.00	43.84 2.30 0.00	45.86 2.15 0.00	48.62 2.48 -3.79	90.55 2.66 -45.76	43.65 2.05 0.00	49.85 2.47 0.00	53.03 2.96 0.00	60.93 3.20 0.00	47.85 2.37 0.00	43.28 1.97 0.00	51.93 1.92 0.00	54.16 1.89 0.00
NORTHPORT___IC 23718	37.35 2.04 -2.55	35.78 2.24 0.00	31.81 1.94 0.00	36.64 2.25 0.00	32.57 1.99 0.00	31.76 1.88 0.00	36.37 2.21 0.00	36.82 2.26 0.00	36.51 2.32 0.00	34.68 1.90 0.00	44.25 2.66 0.00	42.44 2.70 0.00	44.25 2.71 0.00	46.26 2.55 0.00	49.00 2.86 -3.79	90.88 2.99 -45.76	44.03 2.43 0.00	50.24 2.86 0.00	53.45 3.38 0.00	61.43 3.71 0.00	48.24 2.75 0.00	43.60 2.29 0.00	52.36 2.35 0.00	54.67 2.39 0.00
NORTH___COUNTRY_ESR 323785	32.87 0.11 0.00	33.44 -0.11 0.00	29.71 -0.15 0.00	34.24 -0.16 0.00	30.51 -0.06 0.00	29.90 0.02 0.00	34.25 0.10 0.00	34.80 0.23 0.00	34.34 0.15 0.00	32.77 0.00 0.00	41.24 -0.35 0.00	42.54 -0.45 -3.24	44.01 -0.54 -3.01	46.73 -0.45 -3.47	45.72 -0.36 -3.73	45.39 -0.44 -3.70	44.14 -0.45 -2.99	50.09 -0.62 -3.33	53.63 -0.97 -4.53	61.80 -0.94 -5.01	45.43 -0.45 -0.39	41.08 -0.23 0.00	50.30 -0.17 -0.46	55.77 -0.21 -3.70
NPX_GEN_1385_PROXY 323591	37.65 2.35 -2.55	36.25 2.69 0.00	32.23 2.37 0.00	37.36 2.97 0.00	33.24 2.67 0.00	32.43 2.55 0.00	37.13 2.97 0.00	39.64 3.03 -2.04	37.26 3.06 0.00	35.22 2.24 -0.21	44.88 3.29 0.00	43.20 3.46 0.00	57.94 3.64 -12.76	54.96 3.54 -7.71	61.44 3.80 -15.28	91.67 3.78 -45.76	44.80 3.20 0.00	50.26 2.88 0.00	53.30 3.22 0.00	61.81 4.08 0.00	48.24 2.75 0.00	43.70 2.39 0.00	52.50 2.49 0.00	55.18 2.90 0.00
NPX_GEN_CSC 323557	37.28 1.97 -2.55	35.92 2.37 0.00	31.95 2.08 0.00	36.76 2.37 0.00	32.67 2.10 0.00	31.84 1.96 0.00	36.49 2.34 0.00	37.46 2.38 -0.51	36.69 2.49 0.00	35.02 2.04 -0.21	44.14 2.55 0.00	42.52 2.78 0.00	44.27 2.73 0.00	46.03 2.32 0.00	48.83 2.69 -3.79	90.88 2.99 -45.76	43.88 2.28 0.00	50.65 3.27 0.00	54.02 3.94 0.00	62.05 4.32 0.00	48.72 3.23 0.00	44.02 2.71 0.00	52.85 2.84 0.00	55.05 2.78 0.00
NSINS_S___GLNS_FALLS 23858	35.44 2.68 0.00	36.52 2.97 0.00	32.50 2.63 0.00	37.38 2.99 0.00	33.22 2.64 0.00	32.50 2.62 0.00	37.35 3.20 0.00	37.91 3.35 0.00	37.51 3.31 0.00	35.78 3.00 0.00	45.56 3.96 0.00	43.76 4.02 0.00	45.93 4.38 0.00	48.22 4.51 0.00	46.56 4.21 0.00	46.23 4.10 0.00	45.78 4.18 0.00	52.45 5.08 0.00	55.57 5.49 0.00	63.94 6.22 0.00	50.27 4.78 0.00	45.66 4.35 0.00	55.36 5.35 0.00	57.75 5.47 0.00
NUCOR_STEEL___DRP 24197	32.61 -0.54 -0.39	32.97 -0.58 0.00	29.27 -0.60 0.00	33.82 -0.57 0.00	30.06 -0.51 0.00	29.43 -0.45 0.00	33.62 -0.54 0.00	34.05 -0.52 0.00	33.78 -0.41 0.00	32.33 -0.44 0.00	40.98 -0.61 0.00	39.09 -0.65 0.00	40.81 -0.73 0.00	42.98 -0.73 0.00	41.55 -0.85 -0.05	41.40 -0.73 0.00	41.22 -0.38 0.00	46.97 -0.41 0.00	49.64 -0.44 0.00	57.35 -0.38 0.00	45.13 -0.36 0.00	40.94 -0.37 0.00	49.50 -0.51 0.00	51.79 -0.48 0.00
NUMBER_THREE_WT_PWR 323818	32.42 -0.34 0.00	33.12 -0.44 0.00	29.37 -0.49 0.00	33.85 -0.54 0.00	30.12 -0.45 0.00	29.55 -0.33 0.00	33.74 -0.42 0.00	34.15 -0.41 0.00	34.05 -0.14 0.00	33.25 0.48 0.00	41.99 0.40 0.00	39.30 -0.44 0.00	40.48 -1.06 0.00	43.40 -0.31 0.00	41.82 -0.53 0.00	41.64 -0.49 0.00	41.65 0.05 0.00	47.68 0.30 0.00	50.83 0.75 0.00	59.18 1.46 0.00	46.51 1.03 0.00	41.69 0.38 0.00	50.84 0.84 0.00	53.35 1.07 0.00
NYISO_LBMP_REFERENCE 24008	32.76 0.00 0.00	33.55 0.00 0.00	29.87 0.00 0.00	34.39 0.00 0.00	30.57 0.00 0.00	29.88 0.00 0.00	34.15 0.00 0.00	34.56 0.00 0.00	34.20 0.00 0.00	32.77 0.00 0.00	41.59 0.00 0.00	39.74 0.00 0.00	41.54 0.00 0.00	43.71 0.00 0.00	42.35 0.00 0.00	42.13 0.00 0.00	41.60 0.00 0.00	47.38 0.00 0.00	50.08 0.00 0.00	57.73 0.00 0.00	45.48 0.00 0.00	41.31 0.00 0.00	50.01 0.00 0.00	52.27 0.00 0.00

NYPA_BRENTWD____GT 24164	37.60	36.03	32.03	36.87	32.76	31.96	36.62	37.08	36.80	34.94	44.52	42.71	44.45	46.39	49.17	91.20	44.33	50.77	54.08	62.11	48.78	44.09	52.94	55.20
	2.29	2.49	2.17	2.48	2.19	2.08	2.47	2.52	2.60	2.17	2.93	2.97	2.91	2.68	3.03	3.31	2.73	3.39	4.00	4.39	3.29	2.78	2.93	2.93
	-2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.79	-45.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_GOWANUS____GT5 24156	59.87	55.87	55.14	55.14	55.12	55.11	55.86	55.86	55.65	795.95	67.24	60.37	59.22	59.24	65.42	60.50	60.40	65.84	61.41	61.61	60.62	62.60	59.04	76.07
	1.91	1.98	1.75	1.94	1.73	1.67	1.98	2.06	2.08	1.80	2.40	2.33	2.51	2.60	2.69	2.61	2.30	2.63	3.03	3.09	2.47	2.15	2.18	2.09
	-25.20	-20.34	-23.52	-18.81	-22.82	-23.56	-19.73	-19.24	-19.38	-761.38	-23.24	-18.30	-15.16	-12.92	-20.37	-15.76	-16.50	-15.83	-8.31	-0.80	-12.67	-19.14	-6.86	-21.71
NYPA_GOWANUS____GT6 24157	59.87	55.87	55.14	55.14	55.12	55.11	55.86	55.86	55.65	795.95	67.24	60.37	59.22	59.24	65.42	60.50	60.40	65.84	61.41	61.61	60.62	62.60	59.04	76.07
	1.91	1.98	1.75	1.94	1.73	1.67	1.98	2.06	2.08	1.80	2.40	2.33	2.51	2.60	2.69	2.61	2.30	2.63	3.03	3.09	2.47	2.15	2.18	2.09
	-25.20	-20.34	-23.52	-18.81	-22.82	-23.56	-19.73	-19.24	-19.38	-761.38	-23.24	-18.30	-15.16	-12.92	-20.37	-15.76	-16.50	-15.83	-8.31	-0.80	-12.67	-19.14	-6.86	-21.71
NYPA_HARLEM__RVR__GT1 24160	34.32	35.11	31.23	35.88	31.88	31.14	35.70	36.17	35.79	34.27	43.63	41.73	43.67	45.87	44.72	44.34	43.41	49.54	52.69	60.34	47.54	43.03	51.77	53.98
	1.56	1.56	1.35	1.49	1.30	1.25	1.54	1.60	1.60	1.50	2.04	1.99	2.13	2.16	2.37	2.21	1.80	2.16	2.61	2.61	2.05	1.73	1.76	1.71
	0.00	0.00	-0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	34.32	35.11	31.23	35.88	31.88	31.14	35.70	36.17	35.79	34.27	43.63	41.73	43.67	45.87	44.72	44.34	43.41	49.54	52.69	60.34	47.54	43.03	51.77	53.98
	1.56	1.56	1.35	1.49	1.30	1.25	1.54	1.60	1.60	1.50	2.04	1.99	2.13	2.16	2.37	2.21	1.80	2.16	2.61	2.61	2.05	1.73	1.76	1.71
	0.00	0.00	-0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_KENT____GT 24152	49.99	47.79	46.19	47.59	46.42	46.04	47.95	48.13	48.08	369.99	57.88	52.98	53.07	53.97	57.19	54.10	53.70	59.39	57.95	61.13	55.43	54.84	56.19	67.30
	1.84	1.89	1.67	1.84	1.64	1.58	1.88	1.94	1.96	1.73	2.30	2.23	2.40	2.48	2.58	2.48	2.16	2.48	2.87	2.92	2.32	2.01	2.05	1.96
	-15.39	-12.35	-14.64	-11.36	-14.21	-14.58	-11.91	-11.63	-11.93	-335.48	-13.99	-11.01	-9.13	-7.78	-12.26	-9.48	-9.93	-9.53	-5.00	-0.48	-7.63	-11.51	-4.13	-13.06
NYPA_POUCH1____GT 24155	59.79	55.80	55.08	55.09	55.08	55.07	55.83	55.81	55.59	-1407.70	67.12	60.26	59.10	59.11	65.29	60.37	60.30	65.73	61.29	61.46	60.54	62.55	58.95	76.02
	1.83	1.91	1.69	1.89	1.69	1.63	1.95	2.01	2.01	1.67	2.28	2.22	2.39	2.48	2.57	2.48	2.20	2.52	2.90	2.93	2.38	2.10	2.09	2.04
	-25.20	-20.34	-23.52	-18.81	-22.82	-23.56	-19.73	-19.24	-19.38	1442.14	-23.24	-18.30	-15.16	-12.92	-20.37	-15.76	-16.50	-15.83	-8.31	-0.80	-12.67	-19.14	-6.86	-21.71
NYPA_VERNON____GT2 24162	40.10	39.72	37.22	40.05	37.73	36.96	40.02	40.40	40.51	147.93	48.51	45.59	46.93	48.70	48.98	47.70	47.00	52.93	54.48	60.66	50.23	47.07	53.33	58.52
	1.76	1.80	1.59	1.74	1.54	1.49	1.76	1.83	1.84	1.67	2.18	2.12	2.30	2.36	2.48	2.37	2.03	2.32	2.71	2.76	2.16	1.86	1.92	1.83
	-5.58	-4.37	-5.77	-3.92	-5.61	-5.59	-4.10	-4.01	-4.47	-113.49	-4.74	-3.73	-3.09	-2.63	-4.15	-3.21	-3.36	-3.22	-1.69	-0.16	-2.58	-3.90	-1.39	-4.42
NYPA_VERNON____GT3 24163	40.10	39.72	37.22	40.05	37.73	36.96	40.02	40.40	40.51	147.93	48.51	45.59	46.93	48.70	48.98	47.70	47.00	52.93	54.48	60.66	50.23	47.07	53.33	58.52
	1.76	1.80	1.59	1.74	1.54	1.49	1.76	1.83	1.84	1.67	2.18	2.12	2.30	2.36	2.48	2.37	2.03	2.32	2.71	2.76	2.16	1.86	1.92	1.83
	-5.58	-4.37	-5.77	-3.92	-5.61	-5.59	-4.10	-4.01	-4.47	-113.49	-4.74	-3.73	-3.09	-2.63	-4.15	-3.21	-3.36	-3.22	-1.69	-0.16	-2.58	-3.90	-1.39	-4.42
NYPA__ASTORIA_CC1 323568	34.94	35.55	32.50	36.19	33.20	32.41	35.97	36.45	36.54	34.41	43.75	41.82	43.79	46.02	44.79	44.46	43.60	49.64	52.72	60.41	47.58	43.12	51.86	54.02
	1.72	1.77	1.55	1.70	1.52	1.46	1.73	1.79	1.81	1.64	2.15	2.07	2.25	2.31	2.44	2.33	1.99	2.26	2.64	2.68	2.10	1.81	1.85	1.75
	-0.46	-0.23	-1.08	-0.09	-1.12	-1.07	-0.09	-0.10	-0.53	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__ASTORIA_CC2 323569	34.94	35.55	32.50	36.19	33.20	32.41	35.97	36.45	36.54	34.41	43.75	41.82	43.79	46.02	44.79	44.46	43.60	49.64	52.72	60.41	47.58	43.12	51.86	54.02
	1.72	1.77	1.55	1.70	1.52	1.46	1.73	1.79	1.81	1.64	2.15	2.07	2.25	2.31	2.44	2.33	1.99	2.26	2.64	2.68	2.10	1.81	1.85	1.75
	-0.46	-0.23	-1.08	-0.09	-1.12	-1.07	-0.09	-0.10	-0.53	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__HOLTSVILL 23794	37.35	35.84	31.87	36.67	32.58	31.77	36.40	36.87	36.58	34.74	44.19	42.44	44.22	46.09	48.87	90.86	44.01	50.47	53.78	61.77	48.51	43.84	52.65	54.88
	2.04	2.29	2.00	2.28	2.01	1.89	2.25	2.30	2.39	1.97	2.60	2.70	2.68	2.38	2.73	2.97	2.41	3.10	3.70	4.04	3.02	2.53	2.64	2.61
	-2.55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.79	-45.76	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__HELLGATE_GT1 24158	34.32	35.11	31.23	35.88	31.88	31.14	35.70	36.17	35.79	34.27	43.63	41.73	43.67	45.87	44.72	44.34	43.41	49.54	52.69	60.34	47.54	43.03	51.77	53.98
	1.56	1.56	1.35	1.49	1.30	1.25	1.54	1.60	1.60	1.50	2.04	1.99	2.13	2.16	2.37	2.21	1.80	2.16	2.61	2.61	2.05	1.73	1.76	1.71
	0.00	0.00	-0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA__HELLGATE_GT2 24159	34.32	35.11	31.23	35.88	31.88	31.14	35.70	36.17	35.79	34.27	43.63	41.73	43.67	45.87	44.72	44.34	43.41	49.54	52.69	60.34	47.54	43.03	51.77	53.98
	1.56	1.56	1.35	1.49	1.30	1.25	1.54	1.60	1.60	1.50	2.04	1.99	2.13	2.16	2.37	2.21	1.80	2.16	2.61	2.61	2.05	1.73	1.76	1.71
	0.00	0.00	-0.01	0.00	-0.01	-0.01	0.00	-0.01	0.00	0.00	-0.01	0.00	0.00	0.00	-0.01	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE__HYD 23848	28.77	29.87	26.57	30.81	27.10	26.72	30.58	30.60	30.58	29.33	33.48	33.68	32.63	37.44	36.42	37.51	36.45	38.30	38.07	46.12	36.33	36.98	45.12	47.85
	-3.21	-3.68	-3.30	-3.58	-3.47	-3.16	-3.58	-3.93	-3.61	-3.16	-3.95	-4.07	-4.23	-4.40	-4.57	-4.58	-4.23	-5.07	-5.56	-5.81	-4.71	-4.30	-4.89	-4.43
	0.78	0.00	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.29	4.16	2.00	4.68	1.87	1.36	0.03	0.91	4.01	6.45	5.79	4.45	0.03	0.00	0.00

OAK ORCHARD___HYD 24046	30.20 -2.03 0.53	31.24 -2.31 0.00	27.80 -2.07 0.00	32.12 -2.27 0.00	28.40 -2.18 0.00	27.90 -1.97 0.00	31.92 -2.24 0.00	32.24 -2.32 0.00	32.12 -2.07 0.00	31.01 -1.77 0.00	39.15 -2.44 0.00	37.34 -2.40 0.00	38.95 -2.60 0.00	41.12 -2.59 0.00	39.63 -2.65 0.07	39.56 -2.57 0.00	39.27 -2.33 0.00	44.49 -2.89 -0.01	46.86 -3.23 -0.01	54.34 -3.40 -0.01	42.76 -2.74 -0.01	38.91 -2.41 0.00	47.24 -2.77 0.00	49.71 -2.57 0.00
OAKDALE___35_KV_LOAD 356122	31.42 -0.76 0.58	32.77 -0.79 0.00	29.17 -0.70 0.00	33.69 -0.71 0.00	29.86 -0.71 0.00	29.20 -0.68 0.00	33.35 -0.80 0.00	33.77 -0.80 0.00	33.50 -0.70 0.00	32.18 -0.59 0.00	40.89 -0.70 0.00	39.00 -0.74 0.00	40.87 -0.68 0.00	42.98 -0.73 0.00	41.34 -0.94 0.08	41.20 -0.93 0.00	40.85 -0.75 0.00	46.55 -0.82 0.00	49.22 -0.86 0.00	56.86 -0.87 0.00	44.70 -0.78 0.00	40.56 -0.76 0.00	49.02 -0.99 0.00	51.34 -0.93 0.00
OCC_CHEM___DRP 24175	28.18 -3.77 0.81	29.29 -4.26 0.00	26.06 -3.81 0.00	30.22 -4.17 0.00	26.58 -4.00 0.00	26.20 -3.69 0.00	29.95 -4.21 0.00	30.07 -4.46 0.03	30.07 -4.13 0.00	28.81 -3.65 0.31	32.28 -4.84 4.47	32.86 -4.74 2.15	31.50 -4.99 5.04	36.59 -5.11 2.01	35.67 -5.22 1.47	36.85 -5.25 0.03	35.68 -4.93 0.98	36.92 -6.04 4.41	36.29 -6.70 7.08	44.25 -7.10 6.38	34.91 -5.67 4.90	36.19 -5.09 0.03	44.23 -5.78 0.00	46.94 -5.33 0.00
OH_GEN_PROXY 24063	28.53 -3.45 0.78	29.65 -3.90 0.00	26.39 -3.48 0.00	30.61 -3.78 0.00	26.92 -3.65 0.00	26.53 -3.35 0.00	30.34 -3.82 0.00	31.00 -4.04 -0.48	30.46 -3.73 0.00	29.45 -3.27 0.05	33.45 -4.31 3.83	33.67 -4.23 1.84	32.72 -4.50 4.32	37.41 -4.58 1.72	36.35 -4.74 1.27	37.36 -4.74 0.03	36.30 -4.46 0.84	38.03 -5.55 3.80	37.76 -6.21 6.10	45.67 -6.56 5.50	36.03 -5.23 4.23	36.70 -4.58 0.03	44.82 -5.19 0.00	47.50 -4.77 0.00
OLIN_CORP_DRP 24177	28.35 -3.58 0.83	29.47 -4.08 0.00	26.22 -3.65 0.00	30.42 -3.98 0.00	26.75 -3.82 0.00	26.37 -3.51 0.00	30.15 -4.01 0.00	30.13 -4.41 0.03	30.09 -4.10 0.00	28.84 -3.61 0.31	32.57 -4.48 4.54	32.99 -4.57 2.18	31.71 -4.71 5.12	36.71 -4.96 2.04	35.74 -5.13 1.49	36.92 -5.18 0.03	35.77 -4.84 1.00	37.17 -5.87 4.35	36.55 -6.54 6.99	44.60 -6.85 6.28	35.20 -5.47 4.82	36.33 -4.94 0.03	44.36 -5.65 0.00	47.09 -5.18 0.00
OLIN_CORP_DSASP 323712	28.18 -3.77 0.81	29.28 -4.26 0.00	26.06 -3.81 0.00	30.22 -4.17 0.00	26.58 -4.00 0.00	26.19 -3.68 0.00	29.96 -4.19 0.00	30.07 -4.46 0.03	30.07 -4.12 0.00	28.81 -3.65 0.31	32.33 -4.79 4.48	32.88 -4.71 2.15	31.53 -4.97 5.04	36.61 -5.09 2.01	35.67 -5.22 1.47	36.87 -5.23 0.03	35.68 -4.93 0.98	36.88 -6.08 4.41	36.20 -7.22 7.09	44.13 -7.22 6.38	34.84 -5.74 4.91	36.19 -5.09 0.03	44.22 -5.78 0.00	46.94 -5.33 0.00
ONEIDA_HERK_LFGE 323681	33.03 0.27 0.00	33.78 0.23 0.00	30.02 0.15 0.00	34.58 0.19 0.00	30.76 0.18 0.00	30.12 0.24 0.00	34.43 0.28 0.00	34.85 0.28 0.00	34.61 0.42 0.00	33.49 0.71 0.00	42.43 0.84 0.00	40.18 0.44 0.00	41.79 0.25 0.00	44.29 0.59 0.00	42.79 0.44 0.00	42.60 0.46 0.00	42.37 0.77 0.00	48.41 1.03 0.00	51.39 1.31 0.00	59.41 1.69 0.00	46.74 1.25 0.00	42.17 0.86 0.00	51.14 1.14 0.00	53.53 1.25 0.00
ONEIDA___115KV_TB4 55905	33.13 0.37 0.00	33.90 0.35 0.00	30.17 0.30 0.00	34.77 0.38 0.00	30.94 0.37 0.00	30.29 0.41 0.00	34.68 0.52 0.00	35.12 0.55 0.00	34.82 0.63 0.00	33.53 0.76 0.00	42.55 0.96 0.00	40.51 0.76 0.00	42.31 0.77 0.00	44.59 0.89 0.00	43.10 0.74 0.00	42.94 0.81 0.00	42.61 1.01 0.00	48.60 1.22 0.00	51.43 1.35 0.00	59.28 1.55 0.00	46.62 1.13 0.00	42.20 0.89 0.00	51.02 1.01 0.00	53.35 1.08 0.00
ONONDAGA_REF_OCCRA 23987	32.41 -0.62 -0.27	32.88 -0.67 0.00	29.28 -0.59 0.00	33.71 -0.68 0.00	29.95 -0.62 0.00	29.31 -0.57 0.00	33.45 -0.71 0.00	33.86 -0.71 0.00	33.59 -0.61 0.00	32.30 -0.47 0.00	40.96 -0.63 0.00	39.09 -0.65 0.00	40.88 -0.66 0.00	43.03 -0.68 0.00	41.67 -0.72 -0.04	41.47 -0.66 0.00	41.08 -0.52 0.00	46.77 -0.61 0.00	49.44 -0.64 0.00	57.05 -0.67 0.00	44.88 -0.60 0.00	40.72 -0.58 0.00	49.22 -0.79 0.00	51.49 -0.79 0.00
ONONDAGA___COGEN 23986	32.20 -0.56 0.00	32.94 -0.61 0.00	29.33 -0.53 0.00	33.78 -0.62 0.00	30.01 -0.56 0.00	29.37 -0.51 0.00	33.51 -0.64 0.00	33.94 -0.62 0.00	33.68 -0.52 0.00	32.36 -0.41 0.00	41.04 -0.55 0.00	39.14 -0.60 0.00	40.92 -0.62 0.00	43.08 -0.63 0.00	41.65 -0.70 0.00	41.51 -0.62 0.00	41.16 -0.44 0.00	46.88 -0.50 0.00	49.56 -0.52 0.00	57.20 -0.53 0.00	44.99 -0.50 0.00	40.82 -0.49 0.00	49.36 -0.65 0.00	51.63 -0.64 0.00
ONTARIO___LFGE 23819	30.50 -1.15 1.11	32.30 -1.25 0.00	28.73 -1.14 0.00	33.22 -1.18 0.00	29.41 -1.16 0.00	28.82 -1.06 0.00	32.99 -1.16 0.00	33.44 -1.15 -0.02	33.20 -1.00 0.00	32.17 -0.80 -0.20	43.48 -1.07 -2.96	39.98 -1.18 -1.42	43.64 -1.24 -3.34	43.68 -1.36 -1.33	41.55 -1.55 -0.75	40.76 -1.39 -0.02	41.24 -1.01 -0.65	49.17 -1.13 -2.92	53.48 -1.29 -4.69	60.66 -1.29 -4.22	47.64 -1.10 -3.24	40.45 -0.88 -0.02	48.89 -1.12 0.00	51.31 -0.97 0.00
ORANGEVILLE_WT_PWR 323706	28.20 -3.33 1.23	29.96 -3.59 0.00	26.67 -3.20 0.00	30.88 -3.51 0.00	27.17 -3.40 0.00	26.66 -3.21 0.00	30.54 -3.61 0.00	30.53 -3.90 0.14	30.49 -3.70 0.00	28.18 -3.28 1.31	18.30 -4.30 18.99	26.24 -4.39 9.11	15.62 -4.53 21.40	30.43 -4.75 8.53	31.48 -4.95 5.92	37.14 -4.85 0.14	33.06 -4.36 4.18	23.67 -5.01 18.70	14.61 -5.43 30.04	24.88 -5.80 27.05	19.97 -4.72 20.79	37.11 -4.07 0.13	45.41 -4.60 0.00	48.21 -4.07 0.00
ORANGEVILLE___ESR 323794	28.20 -3.33 1.23	29.96 -3.59 0.00	26.67 -3.20 0.00	30.88 -3.51 0.00	27.17 -3.40 0.00	26.66 -3.21 0.00	30.54 -3.61 0.00	30.53 -3.90 0.14	30.49 -3.70 0.00	28.18 -3.28 1.31	18.30 -4.30 18.99	26.24 -4.39 9.11	15.62 -4.53 21.40	30.43 -4.75 8.53	31.48 -4.95 5.92	37.14 -4.85 0.14	33.06 -4.36 4.18	23.67 -5.01 18.70	14.61 -5.43 30.04	24.88 -5.80 27.05	19.97 -4.72 20.79	37.11 -4.07 0.13	45.41 -4.60 0.00	48.21 -4.07 0.00
OSWEGATCHIE___HYD 24044	33.04 0.28 0.00	33.71 0.16 0.00	29.92 0.05 0.00	34.50 0.11 0.00	30.69 0.12 0.00	30.01 0.14 0.00	34.22 0.06 0.00	34.66 0.10 0.00	34.37 0.17 0.00	33.21 0.43 0.00	42.03 0.44 0.00	39.72 -0.02 0.00	41.08 -0.46 0.00	43.79 0.08 0.00	42.47 0.12 0.00	42.26 0.13 0.00	41.99 0.38 0.00	47.78 0.41 0.00	50.37 0.29 0.00	58.58 0.85 0.00	46.23 0.75 0.00	41.90 0.59 0.00	51.13 1.12 0.00	53.67 1.39 0.00
OSWEGO___5 23606	31.62 -1.14 0.00	32.35 -1.20 0.00	28.82 -1.04 0.00	33.16 -1.23 0.00	29.48 -1.09 0.00	28.84 -1.04 0.00	32.88 -1.27 0.00	33.27 -1.29 0.00	32.98 -1.21 0.00	31.66 -1.11 0.00	40.14 -1.45 0.00	38.32 -1.42 0.00	40.06 -1.48 0.00	42.15 -1.56 0.00	40.81 -1.54 0.00	40.63 -1.51 0.00	40.20 -1.40 0.00	45.75 -1.63 0.00	48.35 -1.73 0.00	55.79 -1.94 0.00	43.94 -1.55 0.00	39.88 -1.43 0.00	48.27 -1.74 0.00	50.50 -1.77 0.00

OSWEGO___6 23613	31.62 -1.14 0.00	32.35 -1.20 0.00	28.82 -1.04 0.00	33.16 -1.23 0.00	29.48 -1.09 0.00	28.84 -1.04 0.00	32.88 -1.27 0.00	33.27 -1.29 0.00	32.98 -1.21 0.00	31.66 -1.11 0.00	40.14 -1.45 0.00	38.32 -1.42 0.00	40.06 -1.48 0.00	42.15 -1.56 0.00	40.81 -1.54 0.00	40.63 -1.51 0.00	40.20 -1.40 0.00	45.75 -1.63 0.00	48.35 -1.73 0.00	55.79 -1.94 0.00	43.94 -1.55 0.00	39.88 -1.43 0.00	48.27 -1.74 0.00	50.50 -1.77 0.00
OUTOKUMPU-AB___DRP 24206	28.85 -3.06 0.84	30.03 -3.52 0.00	26.70 -3.16 0.00	30.97 -3.43 0.00	27.23 -3.34 0.00	26.85 -3.03 0.00	30.72 -3.43 0.00	30.83 -3.69 0.04	30.81 -3.38 0.00	29.52 -2.92 0.33	32.98 -3.82 4.79	33.59 -3.86 2.30	32.12 -4.02 5.40	37.47 -4.10 2.15	36.50 -4.29 1.56	37.78 -4.32 0.04	36.59 -3.96 1.05	37.85 -4.85 4.68	37.15 -5.41 7.52	45.36 -5.60 6.77	35.78 -4.50 5.20	37.27 -4.01 0.03	45.48 -4.53 0.00	48.18 -4.09 0.00
OXBOW___BTM 323836	28.48 -3.45 0.83	29.60 -3.95 0.00	26.33 -3.54 0.00	30.55 -3.85 0.00	26.86 -3.72 0.00	26.48 -3.40 0.00	30.29 -3.86 0.00	30.40 -4.12 0.03	30.39 -3.80 0.00	29.13 -3.32 0.32	32.62 -4.34 4.63	33.18 -4.34 2.22	31.77 -4.55 5.22	36.97 -4.66 2.08	36.03 -4.81 1.52	37.27 -4.82 0.04	36.08 -4.50 1.02	37.32 -5.51 4.55	36.63 -6.14 7.31	44.68 -6.47 6.58	35.25 -5.18 5.06	36.68 -4.60 0.03	44.78 -5.22 0.00	47.48 -4.79 0.00
OXBOW____ 24026	28.48 -3.45 0.83	29.61 -3.95 0.00	26.33 -3.53 0.00	30.55 -3.85 0.00	26.86 -3.72 0.00	26.48 -3.40 0.00	30.29 -3.87 0.00	30.40 -4.13 0.03	30.39 -3.80 0.00	29.13 -3.33 0.32	32.58 -4.38 4.63	33.16 -4.36 2.22	31.75 -4.57 5.22	36.96 -4.67 2.08	36.03 -4.81 1.51	37.25 -4.85 0.03	36.08 -4.51 1.02	37.32 -5.51 4.55	36.65 -6.11 7.31	44.73 -6.42 6.58	35.28 -5.15 5.06	36.68 -4.60 0.03	44.78 -5.23 0.00	47.49 -4.79 0.00
OXY_CHEM_DSASP 323612	28.18 -3.77 0.81	29.29 -4.26 0.00	26.06 -3.81 0.00	30.22 -4.17 0.00	26.58 -4.00 0.00	26.20 -3.69 0.00	29.95 -4.21 0.00	30.07 -4.46 0.03	30.07 -4.13 0.00	28.81 -3.65 0.31	32.28 -4.84 4.47	32.86 -4.74 2.15	31.50 -4.99 5.04	36.59 -5.11 2.01	35.67 -5.22 1.47	36.85 -5.25 0.03	35.68 -4.93 0.98	36.92 -6.04 4.41	36.29 -6.70 7.08	44.25 -7.10 6.38	34.91 -5.67 4.90	36.19 -5.09 0.03	44.23 -5.78 0.00	46.94 -5.33 0.00
OZONE_PARK_ESR 323760	34.65 1.90 0.00	35.48 1.93 0.00	31.56 1.68 0.00	36.26 1.86 0.00	32.23 1.66 0.00	31.46 1.58 0.00	36.04 1.88 0.00	36.52 1.96 0.00	36.13 1.93 0.00	34.53 1.76 0.00	43.86 2.27 0.00	41.98 2.24 0.00	43.94 2.39 0.00	46.20 2.49 0.00	44.88 2.53 0.00	44.59 2.46 0.00	43.72 2.12 0.00	49.85 2.47 0.00	52.98 2.91 0.00	60.76 3.03 0.00	47.85 2.36 0.00	43.36 2.05 0.00	52.21 2.20 0.00	54.38 2.11 0.00
PACKARD_I15_KV_ADAMS_I87_REV_LBMP_A 345013	28.18 -3.77 0.81	29.29 -4.26 0.00	26.06 -3.81 0.00	30.22 -4.17 0.00	26.58 -4.00 0.00	26.20 -3.69 0.00	29.95 -4.21 0.00	30.07 -4.46 0.03	30.07 -4.13 0.00	28.81 -3.65 0.31	32.28 -4.84 4.47	32.86 -4.74 2.15	31.50 -4.99 5.04	36.59 -5.11 2.01	35.67 -5.22 1.47	36.85 -5.25 0.03	35.68 -4.93 0.98	36.92 -6.04 4.41	36.29 -6.70 7.08	44.25 -7.10 6.38	34.91 -5.67 4.90	36.19 -5.09 0.03	44.23 -5.78 0.00	46.94 -5.33 0.00
PACKARD__I15KV_DUPONT_I84 80571	28.18 -3.77 0.81	29.29 -4.26 0.00	26.06 -3.81 0.00	30.22 -4.17 0.00	26.58 -4.00 0.00	26.20 -3.69 0.00	29.95 -4.21 0.00	30.07 -4.46 0.03	30.07 -4.13 0.00	28.81 -3.65 0.31	32.28 -4.84 4.47	32.86 -4.74 2.15	31.50 -4.99 5.04	36.59 -5.11 2.01	35.67 -5.22 1.47	36.85 -5.25 0.03	35.68 -4.93 0.98	36.92 -6.04 4.41	36.29 -6.70 7.08	44.25 -7.10 6.38	34.91 -5.67 4.90	36.19 -5.09 0.03	44.23 -5.78 0.00	46.94 -5.33 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	34.32 1.56 -0.01	35.14 1.58 -0.01	31.26 1.39 -0.01	35.92 1.53 0.00	31.93 1.35 -0.01	31.18 1.29 -0.01	35.71 1.55 0.00	36.19 1.62 -0.01	35.84 1.64 0.00	34.28 1.51 0.00	43.61 2.02 -0.01	41.68 1.94 0.00	43.66 2.11 0.00	45.87 2.16 0.00	44.69 2.33 -0.01	44.33 2.20 0.00	43.41 1.81 -0.01	49.53 2.15 0.00	52.68 2.60 0.00	60.35 2.62 0.00	47.55 2.06 0.00	43.07 1.76 0.00	51.82 1.82 0.00	54.02 1.75 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	34.43 1.66 -0.01	35.30 1.74 -0.01	31.44 1.56 -0.01	36.13 1.74 0.00	32.12 1.54 -0.01	31.39 1.50 -0.01	35.95 1.80 0.00	36.41 1.84 -0.01	36.03 1.83 0.00	34.46 1.69 0.00	43.73 2.14 -0.01	41.76 2.01 0.00	43.72 2.17 0.00	45.92 2.21 0.00	44.78 2.42 -0.01	44.43 2.30 0.00	43.52 1.91 -0.01	49.69 2.31 0.00	52.88 2.80 0.00	60.60 2.88 0.00	47.76 2.27 0.00	43.23 1.92 0.00	52.07 2.06 0.00	54.31 2.04 0.00
PATROON__I15KV_TB1 80586	33.54 0.78 0.00	34.46 0.91 0.00	30.69 0.82 0.00	35.31 0.91 0.00	31.38 0.80 0.00	30.63 0.75 0.00	35.13 0.97 0.00	35.54 0.98 0.00	35.10 0.90 0.00	33.55 0.78 0.00	43.01 1.42 0.00	41.15 1.41 0.00	43.12 1.57 0.00	45.33 1.63 0.00	43.98 1.63 0.00	43.74 1.61 0.00	43.10 1.50 0.00	49.13 1.75 0.00	51.96 1.88 0.00	59.74 2.01 0.00	47.13 1.64 0.00	42.71 1.40 0.00	51.70 1.69 0.00	53.93 1.66 0.00
PATTRSNVILLE___SOLAR 323815	33.80 1.05 0.00	34.68 1.13 0.00	30.87 1.00 0.00	35.53 1.13 0.00	31.57 1.00 0.00	30.84 0.96 0.00	35.29 1.14 0.00	35.63 1.07 0.00	35.10 0.90 0.00	33.54 0.77 0.00	42.77 1.18 0.00	41.02 1.28 0.00	42.82 1.28 0.00	44.56 0.86 0.00	43.31 0.95 0.00	43.17 1.04 0.00	42.82 1.22 0.00	49.09 1.71 0.00	52.02 1.94 0.00	59.92 2.19 0.00	47.17 1.68 0.00	42.79 1.48 0.00	51.77 1.76 0.00	54.05 1.78 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	29.63 -2.16 0.97	31.02 -2.53 0.00	27.58 -2.28 0.00	32.01 -2.38 0.00	28.18 -2.40 0.00	27.74 -2.14 0.00	31.70 -2.46 0.00	31.87 -2.66 0.04	31.83 -2.36 0.00	30.47 -1.95 0.34	34.15 -2.47 4.98	34.78 -2.57 2.39	33.32 -2.61 5.61	38.73 -2.75 2.24	37.60 -3.11 1.64	38.94 -3.15 0.04	37.77 -2.74 1.10	39.17 -3.34 4.87	38.50 -3.76 7.82	46.96 -3.73 7.04	37.03 -3.05 5.41	38.52 -2.76 0.04	46.96 -3.05 0.00	49.77 -2.50 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	34.47 1.71 0.00	35.33 1.78 0.00	31.43 1.56 0.00	36.13 1.74 0.00	32.11 1.54 0.00	31.36 1.48 0.00	35.94 1.78 0.00	36.44 1.88 0.00	36.05 1.85 0.00	34.44 1.67 0.00	43.75 2.16 0.00	41.83 2.08 0.00	43.83 2.28 0.00	46.11 2.40 0.00	44.80 2.45 0.00	44.52 2.39 0.00	43.77 2.16 0.00	49.96 2.58 0.00	53.10 3.02 0.00	61.00 3.27 0.00	47.99 2.50 0.00	43.50 2.19 0.00	52.40 2.39 0.00	54.65 2.37 0.00
PEEKSKILL____ 23653	34.13 1.37 0.00	34.99 1.44 0.00	31.13 1.26 0.00	35.78 1.39 0.00	31.81 1.23 0.00	31.04 1.16 0.00	35.55 1.40 0.00	36.02 1.45 0.00	35.61 1.42 0.00	34.02 1.25 0.00	43.23 1.64 0.00	41.35 1.60 0.00	43.30 1.76 0.00	45.54 1.82 0.00	44.24 1.89 0.00	43.95 1.82 0.00	43.11 1.51 0.00	49.19 1.81 0.00	52.29 2.22 0.00	60.02 2.29 0.00	47.23 1.74 0.00	42.79 1.48 0.00	51.53 1.52 0.00	53.72 1.45 0.00

PGE MADISON___WINDPWR 24146	34.12 -0.04 -1.40	33.40 -0.15 0.00	29.82 -0.05 0.00	34.43 0.04 0.00	30.66 0.08 0.00	30.12 0.24 0.00	34.77 0.61 0.00	35.51 0.94 -0.01	35.68 1.49 0.00	33.85 1.02 -0.07	43.50 0.94 -0.96	40.94 0.74 -0.46	43.31 0.69 -1.08	44.76 0.62 -0.43	43.11 0.28 -0.47	42.68 0.54 -0.01	42.80 0.99 -0.21	49.82 1.49 -0.95	53.11 1.51 -1.52	60.86 1.76 -1.37	47.86 1.32 -1.05	42.26 0.94 -0.01	51.11 1.10 0.00	53.21 0.93 0.00
PIERCEFIELD___HYD 23852	33.72 0.96 0.00	34.38 0.83 0.00	30.55 0.68 0.00	35.24 0.85 0.00	31.36 0.79 0.00	30.58 0.70 0.00	34.82 0.67 0.00	35.27 0.71 0.00	34.82 0.63 0.00	33.41 0.63 0.00	42.44 0.85 0.00	40.42 0.68 0.00	42.03 0.48 0.00	44.53 0.82 0.00	43.25 0.90 0.00	42.99 0.86 0.00	42.42 0.82 0.00	47.99 0.61 0.00	50.07 0.00 0.00	58.19 0.46 0.00	46.10 0.61 0.00	42.19 0.88 0.00	51.51 1.50 0.00	54.08 1.81 0.00
PINELAWN_CC_1 323563	37.38 2.07 -2.55	35.78 2.23 0.00	31.82 1.95 0.00	36.60 2.21 0.00	32.52 1.95 0.00	31.73 1.85 0.00	36.36 2.20 0.00	36.81 2.24 0.00	36.51 2.32 0.00	34.67 1.90 0.00	44.20 2.61 0.00	42.31 2.57 0.00	44.06 2.52 0.00	46.06 2.35 0.00	48.82 2.69 -3.79	90.82 2.93 -45.76	43.92 2.32 0.00	50.31 2.93 0.00	53.59 3.51 0.00	61.53 3.80 0.00	48.34 2.86 0.00	43.71 2.40 0.00	52.50 2.49 0.00	54.75 2.47 0.00
PJM_GEN_HTP_PROXY 323702	36.75 1.60 -2.39	35.19 1.64 0.00	31.30 1.44 0.00	35.98 1.58 0.00	31.97 1.40 0.00	31.21 1.33 0.00	35.73 1.58 0.00	36.20 1.64 0.00	35.82 1.63 0.00	34.24 1.47 0.00	43.51 1.91 0.00	41.66 1.92 0.00	43.62 2.07 0.00	45.84 2.13 0.00	44.54 2.18 0.00	44.24 2.10 0.00	43.33 1.73 0.00	49.40 2.02 0.00	51.61 2.41 0.87	60.17 2.44 0.00	47.37 1.88 0.00	42.93 1.62 0.00	51.69 1.68 0.00	53.85 1.57 0.00
PJM_GEN_KEystone 24065	33.99 -0.65 -1.89	32.85 -0.70 0.00	29.23 -0.64 0.00	33.78 -0.61 0.00	29.91 -0.67 0.00	29.26 -0.62 0.00	33.45 -0.70 0.00	33.80 -0.76 0.01	33.48 -0.71 0.00	32.08 -0.63 0.07	39.80 -0.78 1.00	38.47 -0.79 0.48	39.73 -0.69 1.13	42.54 -0.72 0.45	41.07 -0.91 0.37	41.15 -0.97 0.01	40.43 -0.94 0.22	45.30 -1.08 0.99	46.58 -1.04 2.47	55.14 -1.15 1.44	43.39 -1.00 1.10	40.33 -0.97 0.01	48.73 -1.27 0.00	51.08 -1.19 0.00
PJM_GEN_NEPTUNE_PROXY 323594	38.82 1.71 -4.35	35.39 1.84 0.00	31.47 1.60 0.00	36.19 1.80 0.00	32.16 1.59 0.00	31.38 1.51 0.00	35.96 1.81 0.00	36.41 1.85 0.00	36.08 1.88 0.00	34.33 1.56 0.00	43.76 2.17 0.00	41.91 2.17 0.00	43.73 2.19 0.00	45.82 2.11 0.00	46.75 2.39 -2.00	68.79 2.46 -24.21	43.57 1.98 0.00	49.79 2.41 0.00	52.07 2.87 0.87	60.78 3.05 0.00	47.77 2.29 0.00	43.23 1.92 0.00	51.95 1.94 0.00	54.16 1.89 0.00
PJM_GEN_VFT_PROXY 323633	36.58 1.43 -2.39	35.02 1.47 0.00	31.15 1.29 0.00	35.81 1.41 0.00	31.82 1.25 0.00	31.07 1.19 0.00	35.57 1.42 0.00	36.03 1.47 0.00	35.62 1.43 0.00	34.07 1.30 0.00	43.18 1.59 0.00	41.33 1.59 0.00	43.29 1.75 0.00	45.51 1.80 0.00	44.21 1.86 0.00	43.91 1.78 0.00	43.02 1.42 0.00	49.05 1.68 0.00	51.28 2.07 0.87	59.77 2.04 0.00	47.06 1.58 0.00	42.64 1.33 0.00	51.33 1.32 0.00	-279.93 1.20 333.40
PLATSBURG_115KV_PMLD1 355749	32.91 0.15 0.00	33.42 -0.13 0.00	29.72 -0.15 0.00	34.03 -0.36 0.00	30.34 -0.23 0.00	29.77 -0.10 0.00	34.19 0.03 0.00	34.89 0.32 0.00	34.40 0.21 0.00	32.76 -0.01 0.00	40.96 -0.63 0.00	-10.32 -0.88 49.19	-5.15 -1.12 45.57	-10.04 -1.10 52.66	-15.29 -1.08 56.57	-14.99 -1.00 56.12	-4.74 -0.96 45.37	-4.38 -1.31 50.44	-20.15 -1.55 68.68	-19.93 -1.64 76.03	38.51 -1.02 5.95	40.64 -0.67 0.00	42.16 -0.83 7.02	-4.89 -1.03 56.13
PLEASANTVLY___LBMP 24000	33.98 1.22 0.00	34.84 1.29 0.00	31.01 1.14 0.00	35.66 1.26 0.00	31.69 1.11 0.00	30.93 1.05 0.00	35.43 1.27 0.00	35.92 1.36 0.00	35.52 1.32 0.00	33.94 1.17 0.00	43.23 1.64 0.00	41.35 1.61 0.00	43.31 1.77 0.00	45.53 1.82 0.00	44.23 1.88 0.00	43.94 1.81 0.00	43.15 1.55 0.00	49.20 1.83 0.00	52.22 2.14 0.00	59.93 2.21 0.00	47.15 1.66 0.00	42.76 1.45 0.00	51.57 1.56 0.00	53.82 1.54 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	34.23 1.47 0.00	35.07 1.52 0.00	31.20 1.34 0.00	35.88 1.49 0.00	31.87 1.30 0.00	31.12 1.24 0.00	35.64 1.49 0.00	36.13 1.57 0.00	35.73 1.54 0.00	34.14 1.37 0.00	43.42 1.83 0.00	41.55 1.81 0.00	43.50 1.96 0.00	45.73 2.02 0.00	44.44 2.08 0.00	44.15 2.02 0.00	43.32 1.72 0.00	49.43 2.06 0.00	52.50 2.43 0.00	60.26 2.53 0.00	47.41 1.93 0.00	42.97 1.66 0.00	51.76 1.75 0.00	53.99 1.72 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	34.23 1.47 0.00	35.07 1.52 0.00	31.20 1.34 0.00	35.88 1.49 0.00	31.87 1.30 0.00	31.12 1.24 0.00	35.64 1.49 0.00	36.13 1.57 0.00	35.73 1.54 0.00	34.14 1.37 0.00	43.42 1.83 0.00	41.55 1.81 0.00	43.50 1.96 0.00	45.73 2.02 0.00	44.44 2.08 0.00	44.15 2.02 0.00	43.32 1.72 0.00	49.43 2.06 0.00	52.50 2.43 0.00	60.26 2.53 0.00	47.41 1.93 0.00	42.97 1.66 0.00	51.76 1.75 0.00	53.99 1.72 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	34.32 1.56 0.00	35.17 1.61 0.00	31.29 1.43 0.00	35.99 1.59 0.00	31.97 1.40 0.00	31.23 1.35 0.00	35.77 1.62 0.00	36.29 1.72 0.00	35.87 1.68 0.00	34.25 1.48 0.00	43.50 1.91 0.00	41.63 1.89 0.00	43.67 2.13 0.00	45.98 2.27 0.00	44.65 2.30 0.00	44.38 2.25 0.00	43.63 2.03 0.00	49.81 2.43 0.00	52.90 2.82 0.00	60.76 3.03 0.00	47.80 2.32 0.00	43.33 2.02 0.00	52.24 2.23 0.00	54.50 2.22 0.00
POLETTI_____ 23519	34.33 1.57 0.00	35.14 1.59 0.00	31.25 1.38 0.00	35.91 1.52 0.00	31.92 1.35 0.00	31.16 1.28 0.00	35.68 1.53 0.00	36.15 1.59 0.00	35.74 1.54 0.00	34.14 1.36 0.00	43.39 1.79 0.00	41.60 1.86 0.00	43.50 1.96 0.00	45.69 1.99 0.00	44.42 2.07 0.00	44.11 1.97 0.00	43.24 1.64 0.00	49.30 1.92 0.00	52.36 2.28 0.00	60.01 2.28 0.00	47.27 1.79 0.00	42.84 1.53 0.00	51.62 1.61 0.00	53.75 1.48 0.00
POMONA___ESR 323819	34.09 1.33 0.00	34.96 1.42 0.00	31.11 1.24 0.00	35.78 1.39 0.00	31.79 1.22 0.00	31.03 1.15 0.00	35.52 1.36 0.00	35.97 1.41 0.00	35.54 1.35 0.00	33.97 1.20 0.00	43.11 1.52 0.00	41.23 1.50 0.00	43.21 1.67 0.00	45.43 1.72 0.00	44.12 1.77 0.00	43.84 1.70 0.00	42.97 1.37 0.00	49.04 1.66 0.00	52.20 2.12 0.00	59.91 2.18 0.00	47.14 1.66 0.00	42.70 1.39 0.00	51.39 1.39 0.00	53.56 1.29 0.00
PORT_JEFF_3 23555	37.45 2.14 -2.55	35.93 2.38 0.00	31.93 2.06 0.00	36.74 2.34 0.00	32.64 2.07 0.00	31.82 1.95 0.00	36.47 2.32 0.00	36.94 2.37 0.00	36.66 2.47 0.00	34.82 2.05 0.00	44.28 2.69 0.00	42.54 2.79 0.00	44.30 2.75 0.00	46.17 2.46 0.00	48.96 2.82 -3.79	90.98 3.09 -45.76	44.12 2.52 0.00	50.67 3.29 0.00	54.00 3.92 0.00	62.00 4.27 0.00	48.69 3.20 0.00	44.02 2.71 0.00	52.85 2.84 0.00	55.09 2.82 0.00

PORT_JEFF_4 23616	37.45 2.14 -2.55	35.93 2.38 0.00	31.93 2.06 0.00	36.74 2.34 0.00	32.64 2.07 0.00	31.82 1.95 0.00	36.47 2.32 0.00	36.94 2.37 0.00	36.66 2.47 0.00	34.82 2.05 0.00	44.28 2.69 0.00	42.54 2.79 0.00	44.30 2.75 0.00	46.17 2.46 0.00	48.96 2.82 -3.79	90.98 3.09 -45.76	44.12 2.52 0.00	50.67 3.29 0.00	54.00 3.92 0.00	62.00 4.27 0.00	48.69 3.20 0.00	44.02 2.71 0.00	52.85 2.84 0.00	55.09 2.82 0.00
PORT_JEFF_IC 23713	37.45 2.13 -2.55	35.94 2.39 0.00	31.93 2.07 0.00	36.75 2.35 0.00	32.65 2.08 0.00	31.84 1.96 0.00	36.49 2.33 0.00	36.95 2.39 0.00	36.69 2.49 0.00	34.84 2.07 0.00	44.30 2.71 0.00	42.55 2.81 0.00	44.31 2.77 0.00	46.17 2.46 0.00	48.97 2.83 -3.79	91.01 3.12 -45.76	44.14 2.54 0.00	50.69 3.31 0.00	54.04 3.97 0.00	62.05 4.33 0.00	48.73 3.25 0.00	44.05 2.74 0.00	52.89 2.88 0.00	55.11 2.84 0.00
PPL PILGRIM_ST_GT1 24216	37.60 2.29 -2.55	36.03 2.49 0.00	32.03 2.17 0.00	36.87 2.48 0.00	32.76 2.19 0.00	31.96 2.08 0.00	36.62 2.47 0.00	37.08 2.52 0.00	36.80 2.60 0.00	34.94 2.17 0.00	44.52 2.93 0.00	42.71 2.97 0.00	44.45 2.91 0.00	46.39 2.68 0.00	49.17 3.03 -3.79	91.20 3.31 -45.76	44.33 2.73 0.00	50.77 3.39 0.00	54.08 4.00 0.00	62.11 4.39 0.00	48.78 3.29 0.00	44.09 2.78 0.00	52.94 2.93 0.00	55.20 2.93 0.00
PPL PILGRIM_ST_GT2 24217	37.60 2.29 -2.55	36.03 2.49 0.00	32.03 2.17 0.00	36.87 2.48 0.00	32.76 2.19 0.00	31.96 2.08 0.00	36.62 2.47 0.00	37.08 2.52 0.00	36.80 2.60 0.00	34.94 2.17 0.00	44.52 2.93 0.00	42.71 2.97 0.00	44.45 2.91 0.00	46.39 2.68 0.00	49.17 3.03 -3.79	91.20 3.31 -45.76	44.33 2.73 0.00	50.77 3.39 0.00	54.08 4.00 0.00	62.11 4.39 0.00	48.78 3.29 0.00	44.09 2.78 0.00	52.94 2.93 0.00	55.20 2.93 0.00
PPL_SHRM_GT3 24213	37.31 2.00 -2.55	35.95 2.40 0.00	31.98 2.11 0.00	36.80 2.41 0.00	32.69 2.12 0.00	31.86 1.98 0.00	36.52 2.37 0.00	36.98 2.42 0.00	36.72 2.52 0.00	34.84 2.07 0.00	44.15 2.56 0.00	42.54 2.80 0.00	44.31 2.76 0.00	46.05 2.34 0.00	48.84 2.70 -3.79	90.89 3.00 -45.76	43.92 2.32 0.00	50.69 3.31 0.00	54.07 3.99 0.00	62.11 4.38 0.00	48.76 3.28 0.00	44.07 2.75 0.00	52.90 2.89 0.00	55.12 2.85 0.00
PPL_SHRM_GT4 24214	37.31 2.00 -2.55	35.95 2.40 0.00	31.98 2.11 0.00	36.80 2.41 0.00	32.69 2.12 0.00	31.86 1.98 0.00	36.52 2.37 0.00	36.98 2.42 0.00	36.72 2.52 0.00	34.84 2.07 0.00	44.15 2.56 0.00	42.54 2.80 0.00	44.31 2.76 0.00	46.05 2.34 0.00	48.84 2.70 -3.79	90.89 3.00 -45.76	43.92 2.32 0.00	50.69 3.31 0.00	54.07 3.99 0.00	62.11 4.38 0.00	48.76 3.28 0.00	44.07 2.75 0.00	52.90 2.89 0.00	55.12 2.85 0.00
PROJECT___ORANGE 1 24174	31.92 -0.84 0.00	32.66 -0.89 0.00	29.10 -0.77 0.00	33.48 -0.91 0.00	29.74 -0.83 0.00	29.11 -0.77 0.00	33.21 -0.95 0.00	33.61 -0.96 0.00	33.34 -0.85 0.00	32.06 -0.71 0.00	40.66 -0.94 0.00	38.81 -0.93 0.00	40.58 -0.97 0.00	42.71 -1.00 0.00	41.33 -1.03 0.00	41.16 -0.97 0.00	40.76 -0.84 0.00	46.36 -1.01 0.00	49.01 -1.07 0.00	56.55 -1.19 0.00	44.48 -1.01 0.00	40.36 -0.95 0.00	48.82 -1.19 0.00	51.06 -1.22 0.00
PROJECT___ORANGE 2 24166	31.92 -0.84 0.00	32.66 -0.89 0.00	29.10 -0.77 0.00	33.48 -0.91 0.00	29.74 -0.83 0.00	29.11 -0.77 0.00	33.21 -0.95 0.00	33.61 -0.96 0.00	33.34 -0.85 0.00	32.06 -0.71 0.00	40.66 -0.94 0.00	38.81 -0.93 0.00	40.58 -0.97 0.00	42.71 -1.00 0.00	41.33 -1.03 0.00	41.16 -0.97 0.00	40.76 -0.84 0.00	46.36 -1.01 0.00	49.01 -1.07 0.00	56.55 -1.19 0.00	44.48 -1.01 0.00	40.36 -0.95 0.00	48.82 -1.19 0.00	51.06 -1.22 0.00
PUCKETT___SOLAR 323809	32.18 -0.58 0.00	32.95 -0.60 0.00	29.34 -0.53 0.00	33.85 -0.54 0.00	30.02 -0.56 0.00	29.37 -0.51 0.00	33.56 -0.59 0.00	34.00 -0.56 0.00	33.86 -0.33 0.00	32.56 -0.22 0.00	41.28 -0.31 0.00	39.24 -0.51 0.00	41.05 -0.49 0.00	43.13 -0.58 0.00	41.56 -0.79 0.00	41.38 -0.75 0.00	41.10 -0.51 0.00	47.02 -0.36 0.00	49.76 -0.32 0.00	57.41 -0.32 0.00	45.12 -0.37 0.00	40.92 -0.39 0.00	49.45 -0.56 0.00	51.71 -0.57 0.00
PYRITES___HYD 24023	34.50 1.74 0.00	35.16 1.61 0.00	31.22 1.36 0.00	36.04 1.65 0.00	32.06 1.49 0.00	31.28 1.41 0.00	35.71 1.55 0.00	36.16 1.60 0.00	35.62 1.43 0.00	34.08 1.31 0.00	43.23 1.64 0.00	40.98 1.24 0.00	42.58 1.04 0.00	45.24 1.53 0.00	44.08 1.73 0.00	43.84 1.71 0.00	43.36 1.76 0.00	49.18 1.81 0.00	51.43 1.35 0.00	59.73 2.00 0.00	47.29 1.81 0.00	43.25 1.95 0.00	52.69 2.68 0.00	55.25 2.98 0.00
QUAKERRD_115KV_BK1 80622	29.94 -2.35 0.46	30.96 -2.59 0.00	27.56 -2.31 0.00	31.82 -2.57 0.00	28.17 -2.41 0.00	27.65 -2.23 0.00	31.62 -2.54 0.00	31.96 -2.60 0.00	31.81 -2.38 0.00	30.66 -2.11 0.00	38.75 -2.85 0.00	36.97 -2.77 0.00	38.58 -2.96 0.00	40.72 -2.99 0.00	39.28 -3.01 0.06	39.20 -2.93 0.00	38.89 -2.71 0.00	44.08 -3.29 0.00	46.45 -3.63 0.00	53.80 -3.93 0.00	42.33 -3.16 0.00	38.52 -2.79 0.00	46.72 -3.29 0.00	49.08 -3.20 0.00
QUEENSBRY_115KV_TB8 356137	35.56 2.80 0.00	36.63 3.08 0.00	32.61 2.74 0.00	37.51 3.11 0.00	33.32 2.74 0.00	32.61 2.73 0.00	37.48 3.32 0.00	38.08 3.51 0.00	37.69 3.49 0.00	35.95 3.18 0.00	45.78 4.18 0.00	43.99 4.24 0.00	46.14 4.60 0.00	48.45 4.75 0.00	46.75 4.39 0.00	46.42 4.29 0.00	45.99 4.39 0.00	52.67 5.29 0.00	55.83 5.75 0.00	64.25 6.52 0.00	50.51 5.02 0.00	45.87 4.57 0.00	55.65 5.64 0.00	58.03 5.75 0.00
RAMAPO___LBMP 323565	33.97 1.22 0.00	34.86 1.30 0.00	31.01 1.14 0.00	35.67 1.28 0.00	31.69 1.12 0.00	30.93 1.05 0.00	35.42 1.26 0.00	35.87 1.30 0.00	35.44 1.25 0.00	33.86 1.09 0.00	42.98 1.39 0.00	41.08 1.34 0.00	43.05 1.51 0.00	45.29 1.58 0.00	43.97 1.62 0.00	43.68 1.55 0.00	42.84 1.24 0.00	48.89 1.51 0.00	52.03 1.95 0.00	59.69 1.97 0.00	46.99 1.51 0.00	42.58 1.27 0.00	51.24 1.23 0.00	53.42 1.15 0.00
RANKINE____ 23646	29.07 -2.74 0.94	30.42 -3.13 0.00	27.06 -2.81 0.00	31.39 -3.00 0.00	27.61 -2.96 0.00	27.20 -2.68 0.00	31.10 -3.05 0.00	31.26 -3.26 0.04	31.21 -2.98 0.00	29.83 -2.54 0.40	32.44 -3.35 5.79	33.56 -3.40 2.78	31.51 -3.51 6.53	37.53 -3.58 2.60	36.62 -3.86 1.88	38.25 -3.84 0.04	36.87 -3.46 1.27	37.45 -4.25 5.68	36.17 -4.79 9.12	44.61 -4.91 8.21	35.23 -3.95 6.31	37.84 -3.43 0.04	46.16 -3.84 0.00	48.93 -3.34 0.00
RAVENSWOOD_GT2_1 24244	34.39 1.63 0.00	35.22 1.66 0.00	31.33 1.46 0.00	36.00 1.61 0.00	31.99 1.42 0.00	31.23 1.35 0.00	35.77 1.61 0.00	36.25 1.68 0.00	35.86 1.67 0.00	34.27 1.50 0.00	43.56 1.96 0.00	41.67 1.93 0.00	43.64 2.10 0.00	45.87 2.16 0.00	44.58 2.23 0.00	44.27 2.14 0.00	43.39 1.79 0.00	49.47 2.09 0.00	52.56 2.48 0.00	60.27 2.54 0.00	47.43 1.95 0.00	42.99 1.68 0.00	51.77 1.76 0.00	53.92 1.65 0.00

RAVENSWOOD_GT2_2 24245	34.39 1.63 0.00	35.22 1.66 0.00	31.33 1.46 0.00	36.00 1.61 0.00	31.99 1.42 0.00	31.23 1.35 0.00	35.77 1.61 0.00	36.25 1.68 0.00	35.86 1.67 0.00	34.27 1.50 0.00	43.56 1.96 0.00	41.67 1.93 0.00	43.64 2.10 0.00	45.87 2.16 0.00	44.58 2.23 0.00	44.27 2.14 0.00	43.39 1.79 0.00	49.47 2.09 0.00	52.56 2.48 0.00	60.27 2.54 0.00	47.43 1.95 0.00	42.99 1.68 0.00	51.77 1.76 0.00	53.92 1.65 0.00
RAVENSWOOD_GT2_3 24246	34.39 1.64 0.00	35.23 1.68 0.00	31.33 1.47 0.00	36.01 1.62 0.00	32.00 1.43 0.00	31.24 1.37 0.00	35.78 1.63 0.00	36.26 1.69 0.00	35.87 1.68 0.00	34.28 1.51 0.00	43.57 1.98 0.00	41.70 1.96 0.00	43.66 2.11 0.00	45.88 2.18 0.00	44.58 2.23 0.00	44.29 2.16 0.00	43.41 1.81 0.00	49.50 2.12 0.00	52.57 2.49 0.00	60.28 2.55 0.00	47.45 1.97 0.00	43.01 1.70 0.00	51.77 1.77 0.00	53.95 1.68 0.00
RAVENSWOOD_GT2_4 24247	34.39 1.64 0.00	35.23 1.68 0.00	31.33 1.47 0.00	36.01 1.62 0.00	32.00 1.43 0.00	31.24 1.37 0.00	35.78 1.63 0.00	36.26 1.69 0.00	35.87 1.68 0.00	34.28 1.51 0.00	43.57 1.98 0.00	41.70 1.96 0.00	43.66 2.11 0.00	45.88 2.18 0.00	44.58 2.23 0.00	44.29 2.16 0.00	43.41 1.81 0.00	49.50 2.12 0.00	52.57 2.49 0.00	60.28 2.55 0.00	47.45 1.97 0.00	43.01 1.70 0.00	51.77 1.77 0.00	53.95 1.68 0.00
RAVENSWOOD_GT3_1 24248	34.38 1.62 0.00	35.22 1.66 0.00	31.32 1.46 0.00	36.00 1.61 0.00	31.99 1.42 0.00	31.23 1.35 0.00	35.77 1.61 0.00	36.24 1.68 0.00	35.86 1.67 0.00	34.27 1.50 0.00	43.55 1.96 0.00	41.67 1.93 0.00	43.64 2.10 0.00	45.87 2.16 0.00	44.58 2.23 0.00	44.27 2.14 0.00	43.39 1.79 0.00	49.47 2.09 0.00	52.56 2.48 0.00	60.27 2.54 0.00	47.43 1.95 0.00	42.99 1.68 0.00	51.77 1.76 0.00	53.92 1.65 0.00
RAVENSWOOD_GT3_2 24249	34.38 1.62 0.00	35.22 1.66 0.00	31.32 1.46 0.00	36.00 1.61 0.00	31.99 1.42 0.00	31.23 1.35 0.00	35.77 1.61 0.00	36.24 1.68 0.00	35.86 1.67 0.00	34.27 1.50 0.00	43.55 1.96 0.00	41.67 1.93 0.00	43.64 2.10 0.00	45.87 2.16 0.00	44.58 2.23 0.00	44.27 2.14 0.00	43.39 1.79 0.00	49.47 2.09 0.00	52.56 2.48 0.00	60.27 2.54 0.00	47.43 1.95 0.00	42.99 1.68 0.00	51.77 1.76 0.00	53.92 1.65 0.00
RAVENSWOOD_GT3_3 24250	34.42 1.66 0.00	35.27 1.71 0.00	31.36 1.50 0.00	36.05 1.65 0.00	32.03 1.46 0.00	31.27 1.40 0.00	35.82 1.66 0.00	36.29 1.73 0.00	35.91 1.71 0.00	34.32 1.55 0.00	43.61 2.02 0.00	41.74 2.00 0.00	43.70 2.16 0.00	45.93 2.22 0.00	44.63 2.28 0.00	44.34 2.21 0.00	43.46 1.86 0.00	49.55 2.17 0.00	52.64 2.56 0.00	60.34 2.61 0.00	47.51 2.02 0.00	43.06 1.75 0.00	51.84 1.83 0.00	54.01 1.73 0.00
RAVENSWOOD_GT3_4 24251	34.42 1.66 0.00	35.27 1.71 0.00	31.36 1.50 0.00	36.05 1.65 0.00	32.03 1.46 0.00	31.27 1.40 0.00	35.82 1.66 0.00	36.29 1.73 0.00	35.91 1.71 0.00	34.32 1.55 0.00	43.61 2.02 0.00	41.74 2.00 0.00	43.70 2.16 0.00	45.93 2.22 0.00	44.63 2.28 0.00	44.34 2.21 0.00	43.46 1.86 0.00	49.55 2.17 0.00	52.64 2.56 0.00	60.34 2.61 0.00	47.51 2.02 0.00	43.06 1.75 0.00	51.84 1.83 0.00	54.01 1.73 0.00
RAVENSWOOD_GT_1 23729	40.10 1.76 -5.58	39.72 1.80 -4.37	37.22 1.58 -5.77	40.05 1.74 -3.92	37.73 1.54 -5.61	36.96 1.49 -5.59	40.02 1.76 -4.10	40.41 1.83 -4.01	40.51 1.84 -4.47	147.94 1.67 -113.49	48.52 2.19 -4.74	45.59 2.12 -3.73	46.93 2.30 -3.09	48.70 2.36 -2.63	48.99 2.48 -4.15	47.71 2.37 -3.21	47.00 2.03 -3.36	52.93 2.32 -3.22	54.48 2.71 -1.69	60.65 2.76 -0.16	50.22 2.16 -2.58	47.07 1.87 -3.90	53.31 1.91 -1.39	58.52 1.83 -4.42
RAVENSWOOD_GT_10 24258	34.91 1.61 -0.54	35.66 1.66 -0.45	31.79 1.45 -0.47	36.42 1.60 -0.43	32.46 1.42 -0.47	31.78 1.34 -0.55	36.21 1.60 -0.45	36.68 1.68 -0.44	36.24 1.66 -0.39	49.75 1.49 -15.49	44.09 1.95 -0.55	42.09 1.92 -0.43	43.99 2.09 -0.35	46.17 2.16 -0.30	45.05 2.22 -0.48	44.63 2.13 -0.37	43.77 1.78 -0.39	49.84 2.09 -0.37	52.75 2.48 -0.20	60.27 2.52 -0.02	47.73 1.94 -0.30	43.43 1.67 -0.45	51.91 1.74 -0.16	54.43 1.65 -0.51
RAVENSWOOD_GT_11 24259	34.91 1.61 -0.54	35.66 1.66 -0.45	31.79 1.45 -0.47	36.42 1.60 -0.43	32.46 1.42 -0.47	31.78 1.34 -0.55	36.21 1.60 -0.45	36.68 1.68 -0.44	36.24 1.66 -0.39	49.75 1.49 -15.49	44.09 1.95 -0.55	42.09 1.92 -0.43	43.99 2.09 -0.35	46.17 2.16 -0.30	45.05 2.22 -0.48	44.63 2.13 -0.37	43.77 1.78 -0.39	49.84 2.09 -0.37	52.75 2.48 -0.20	60.27 2.52 -0.02	47.73 1.94 -0.30	43.43 1.67 -0.45	51.91 1.74 -0.16	54.43 1.65 -0.51
RAVENSWOOD_GT_4 24252	37.90 1.60 -3.55	38.16 1.64 -2.97	34.38 1.44 -3.08	38.83 1.59 -2.85	35.08 1.40 -3.11	34.87 1.32 -3.66	38.73 1.58 -2.99	39.12 1.65 -2.91	38.41 1.63 -2.59	120.66 1.47 -86.42	47.12 1.93 -3.60	44.50 1.92 -2.84	45.97 2.08 -2.35	47.85 2.13 -2.00	47.69 2.19 -3.15	46.68 2.11 -2.44	45.90 1.75 -2.55	51.88 2.05 -2.45	53.80 2.43 -1.29	60.34 2.49 -0.12	49.37 1.91 -1.96	45.92 1.65 -2.97	52.80 1.73 -1.06	57.26 1.62 -3.37
RAVENSWOOD_GT_5 24254	37.90 1.60 -3.55	38.16 1.64 -2.97	34.38 1.44 -3.08	38.83 1.59 -2.85	35.08 1.40 -3.11	34.87 1.32 -3.66	38.73 1.58 -2.99	39.12 1.65 -2.91	38.41 1.63 -2.59	120.66 1.47 -86.42	47.12 1.93 -3.60	44.50 1.92 -2.84	45.97 2.08 -2.35	47.85 2.13 -2.00	47.69 2.19 -3.15	46.68 2.11 -2.44	45.90 1.75 -2.55	51.88 2.05 -2.45	53.80 2.43 -1.29	60.34 2.49 -0.12	49.37 1.91 -1.96	45.92 1.65 -2.97	52.80 1.73 -1.06	57.26 1.62 -3.37
RAVENSWOOD_GT_6 24253	37.90 1.60 -3.55	38.16 1.64 -2.97	34.38 1.44 -3.08	38.83 1.59 -2.85	35.08 1.40 -3.11	34.87 1.32 -3.66	38.73 1.58 -2.99	39.12 1.65 -2.91	38.41 1.63 -2.59	120.66 1.47 -86.42	47.12 1.93 -3.60	44.50 1.92 -2.84	45.97 2.08 -2.35	47.85 2.13 -2.00	47.69 2.19 -3.15	46.68 2.11 -2.44	45.90 1.75 -2.55	51.88 2.05 -2.45	53.80 2.43 -1.29	60.34 2.49 -0.12	49.37 1.91 -1.96	45.92 1.65 -2.97	52.80 1.73 -1.06	57.26 1.62 -3.37
RAVENSWOOD_GT_7 24255	37.90 1.60 -3.55	38.16 1.64 -2.97	34.38 1.44 -3.08	38.83 1.59 -2.85	35.08 1.40 -3.11	34.87 1.32 -3.66	38.73 1.58 -2.99	39.12 1.65 -2.91	38.41 1.63 -2.59	120.66 1.47 -86.42	47.12 1.93 -3.60	44.50 1.92 -2.84	45.97 2.08 -2.35	47.85 2.13 -2.00	47.69 2.19 -3.15	46.68 2.11 -2.44	45.90 1.75 -2.55	51.88 2.05 -2.45	53.80 2.43 -1.29	60.34 2.49 -0.12	49.37 1.91 -1.96	45.92 1.65 -2.97	52.80 1.73 -1.06	57.26 1.62 -3.37
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	34.91 1.61 -0.54	35.66 1.66 -0.45	31.79 1.45 -0.47	36.42 1.60 -0.43	32.46 1.42 -0.47	31.78 1.34 -0.55	36.21 1.60 -0.45	36.68 1.68 -0.44	36.24 1.66 -0.39	49.75 1.49 -15.49	44.09 1.95 -0.55	42.09 1.92 -0.43	43.99 2.09 -0.35	46.17 2.16 -0.30	45.05 2.22 -0.48	44.63 2.13 -0.37	43.77 1.78 -0.39	49.84 2.09 -0.37	52.75 2.48 -0.20	60.27 2.52 -0.02	47.73 1.94 -0.30	43.43 1.67 -0.45	51.91 1.74 -0.16	54.43 1.65 -0.51

RAVENSWOOD_GT_9 24257	34.91 1.61 -0.54	35.66 1.66 -0.45	31.79 1.45 -0.47	36.42 1.60 -0.43	32.46 1.42 -0.47	31.78 1.34 -0.55	36.21 1.60 -0.45	36.68 1.68 -0.44	36.24 1.66 -0.39	49.75 1.49 -15.49	44.09 1.95 -0.55	42.09 1.92 -0.43	43.99 2.09 -0.35	46.17 2.16 -0.30	45.05 2.22 -0.48	44.63 2.13 -0.37	43.77 1.78 -0.39	49.84 2.09 -0.37	52.75 2.48 -0.20	60.27 2.52 -0.02	47.73 1.94 -0.30	43.43 1.67 -0.45	51.91 1.74 -0.16	54.43 1.65 -0.51
RAVENSWOOD___1 23533	29.89 1.73 4.59	31.47 1.77 3.84	27.88 1.56 3.54	32.42 1.72 3.68	28.77 1.52 3.32	27.96 1.46 3.38	32.02 1.73 3.87	32.60 1.79 3.76	32.66 1.81 3.35	-77.36 1.63 111.76	39.05 2.11 4.66	38.11 2.03 3.67	40.72 2.21 3.04	43.39 2.27 2.59	40.66 2.39 4.08	41.26 2.29 3.16	40.29 1.98 3.30	46.48 2.28 3.17	51.08 2.66 1.66	60.28 2.71 0.16	45.07 2.12 2.54	39.30 1.83 3.84	50.50 1.87 1.37	49.70 1.77 4.35
RAVENSWOOD___2 23534	29.89 1.73 4.59	31.47 1.77 3.84	27.88 1.56 3.54	32.42 1.72 3.68	28.77 1.52 3.32	27.96 1.46 3.38	32.02 1.73 3.87	32.60 1.79 3.76	32.66 1.81 3.35	-77.36 1.63 111.76	39.05 2.11 4.66	38.11 2.03 3.67	40.72 2.21 3.04	43.39 2.27 2.59	40.66 2.39 4.08	41.26 2.29 3.16	40.29 1.98 3.30	46.48 2.28 3.17	51.08 2.66 1.66	60.28 2.71 0.16	45.07 2.12 2.54	39.30 1.83 3.84	50.50 1.87 1.37	49.70 1.77 4.35
RAVENSWOOD___3 23535	34.38 1.63 0.00	35.22 1.66 0.00	31.33 1.46 0.00	36.00 1.61 0.00	31.99 1.42 0.00	31.24 1.36 0.00	35.77 1.61 0.00	36.24 1.67 0.00	35.86 1.67 0.00	34.27 1.50 0.00	43.55 1.95 0.00	41.67 1.93 0.00	43.64 2.10 0.00	45.87 2.16 0.00	44.58 2.23 0.00	44.27 2.13 0.00	43.39 1.79 0.00	49.47 2.09 0.00	52.56 2.48 0.00	60.26 2.53 0.00	47.43 1.95 0.00	42.99 1.68 0.00	51.76 1.76 0.00	53.92 1.65 0.00
RAVENSWOOD___4 23820	29.89 1.73 4.59	31.47 1.77 3.84	27.88 1.56 3.54	32.42 1.72 3.68	28.77 1.52 3.32	27.96 1.46 3.38	32.02 1.73 3.87	32.60 1.79 3.76	32.66 1.81 3.35	-77.36 1.63 111.76	39.05 2.11 4.66	38.11 2.03 3.67	40.72 2.21 3.04	43.39 2.27 2.59	40.66 2.39 4.08	41.26 2.29 3.16	40.29 1.98 3.30	46.48 2.28 3.17	51.08 2.66 1.66	60.28 2.71 0.16	45.07 2.12 2.54	39.30 1.83 3.84	50.50 1.87 1.37	49.70 1.77 4.35
RCPL_TRUST___DRP 24196	34.37 1.61 0.00	35.20 1.65 0.00	31.31 1.45 0.00	35.99 1.60 0.00	31.99 1.42 0.00	31.22 1.34 0.00	35.76 1.60 0.00	36.23 1.67 0.00	35.85 1.66 0.00	34.27 1.50 0.00	43.56 1.97 0.00	41.71 1.97 0.00	43.68 2.14 0.00	45.91 2.20 0.00	44.60 2.24 0.00	44.28 2.15 0.00	43.36 1.76 0.00	49.43 2.06 0.00	52.51 2.43 0.00	60.21 2.48 0.00	47.40 1.91 0.00	42.95 1.64 0.00	51.72 1.71 0.00	53.87 1.60 0.00
RED___ROCHESTER 323720	30.42 -1.81 0.53	31.46 -2.09 0.00	27.99 -1.88 0.00	32.34 -2.06 0.00	28.59 -1.98 0.00	28.09 -1.79 0.00	32.14 -2.01 0.00	32.48 -2.08 0.00	32.38 -1.82 0.00	31.26 -1.51 0.00	39.48 -2.12 0.00	37.64 -2.10 0.00	39.30 -2.25 0.00	41.50 -2.21 0.00	40.01 -2.27 0.07	39.93 -2.20 0.00	39.64 -1.96 0.00	44.94 -2.44 -0.01	47.34 -2.75 -0.01	54.91 -2.83 -0.01	43.17 -2.32 -0.01	39.28 -2.03 0.00	47.65 -2.36 0.00	50.14 -2.13 0.00
REGAN___SOLAR 323812	34.63 1.87 0.00	35.52 1.96 0.00	31.57 1.70 0.00	36.34 1.94 0.00	32.29 1.71 0.00	31.57 1.70 0.00	36.14 1.98 0.00	36.43 1.87 0.00	35.53 1.34 0.00	34.20 1.42 0.00	43.53 1.94 0.00	41.83 2.09 0.00	43.40 1.85 0.00	44.52 0.81 0.00	43.36 1.01 0.00	43.16 1.03 0.00	43.45 1.85 0.00	50.36 2.98 0.00	53.53 3.45 0.00	61.71 3.99 0.00	48.60 3.11 0.00	44.03 2.72 0.00	53.24 3.23 0.00	55.58 3.31 0.00
RENSSELAER___COGEN 23796	33.35 0.59 0.00	34.24 0.69 0.00	30.50 0.63 0.00	35.08 0.69 0.00	31.18 0.61 0.00	30.45 0.57 0.00	34.90 0.75 0.00	35.33 0.76 0.00	34.88 0.68 0.00	33.33 0.56 0.00	42.73 1.14 0.00	40.89 1.15 0.00	42.83 1.28 0.00	45.07 1.36 0.00	43.72 1.37 0.00	43.47 1.34 0.00	42.83 1.24 0.00	48.80 1.42 0.00	51.63 1.55 0.00	59.36 1.63 0.00	46.84 1.35 0.00	42.45 1.14 0.00	51.39 1.38 0.00	53.62 1.35 0.00
REPUBLIC_115KV_BARTNBRK 55605	36.71 3.95 0.00	37.89 4.34 0.00	33.70 3.83 0.00	38.75 4.36 0.00	34.31 3.74 0.00	33.64 3.76 0.00	38.76 4.61 0.00	39.59 5.03 0.00	39.30 5.10 0.00	37.49 4.72 0.00	47.50 5.91 0.00	45.79 6.05 0.00	48.07 6.53 0.00	50.40 6.68 0.00	48.36 6.00 0.00	48.03 5.90 0.00	47.86 6.26 0.00	54.78 7.40 0.00	58.35 8.27 0.00	67.41 9.68 0.00	52.88 7.39 0.00	47.97 6.66 0.00	58.48 8.48 0.00	60.95 8.67 0.00
REVERE_CPPR_DRP 24186	33.45 0.69 0.00	34.22 0.67 0.00	30.42 0.55 0.00	35.05 0.66 0.00	31.19 0.61 0.00	30.54 0.67 0.00	34.96 0.81 0.00	35.40 0.83 0.00	35.14 0.94 0.00	33.93 1.15 0.00	43.06 1.47 0.00	40.90 1.15 0.00	42.65 1.11 0.00	45.09 1.38 0.00	43.53 1.18 0.00	43.37 1.24 0.00	43.11 1.51 0.00	49.20 1.83 0.00	52.12 2.04 0.00	60.13 2.40 0.00	47.26 1.78 0.00	42.73 1.42 0.00	51.69 1.69 0.00	54.05 1.78 0.00
REYNOLDS_115KV_TB3 80639	33.65 0.89 0.00	34.62 1.07 0.00	30.85 0.98 0.00	35.49 1.09 0.00	31.54 0.96 0.00	30.80 0.92 0.00	35.32 1.16 0.00	35.72 1.15 0.00	35.30 1.11 0.00	33.73 0.96 0.00	43.13 1.53 0.00	41.27 1.52 0.00	43.23 1.69 0.00	45.47 1.76 0.00	44.09 1.73 0.00	43.84 1.71 0.00	43.18 1.58 0.00	49.22 1.84 0.00	52.07 1.99 0.00	59.84 2.11 0.00	47.13 1.64 0.00	42.75 1.44 0.00	51.78 1.77 0.00	53.99 1.72 0.00
RIVERBAY____ 323610	34.43 1.66 -0.01	35.30 1.74 -0.01	31.44 1.56 -0.01	36.13 1.74 0.00	32.12 1.54 -0.01	31.39 1.50 -0.01	35.95 1.80 0.00	36.41 1.84 -0.01	36.03 1.83 0.00	34.46 1.69 0.00	43.73 2.14 -0.01	41.76 2.01 0.00	43.72 2.17 0.00	45.92 2.21 0.00	44.78 2.42 -0.01	44.43 2.30 0.00	43.52 1.91 -0.01	49.69 2.31 0.00	52.88 2.80 0.00	60.60 2.88 0.00	47.76 2.27 0.00	43.23 1.92 0.00	52.07 2.06 0.00	54.31 2.04 0.00
RIVERSDE_115KV_TB3 55908	33.53 0.77 0.00	34.47 0.92 0.00	30.71 0.85 0.00	35.32 0.93 0.00	31.40 0.83 0.00	30.66 0.78 0.00	35.16 1.00 0.00	35.57 1.01 0.00	35.13 0.94 0.00	33.58 0.81 0.00	43.00 1.41 0.00	41.15 1.41 0.00	43.11 1.56 0.00	45.34 1.63 0.00	43.97 1.62 0.00	43.72 1.59 0.00	43.07 1.47 0.00	49.09 1.71 0.00	51.92 1.85 0.00	59.70 1.97 0.00	47.05 1.57 0.00	42.66 1.35 0.00	51.65 1.65 0.00	53.87 1.60 0.00
ROARING___BROOK_WT_PWR 323790	32.19 -0.57 0.00	32.89 -0.66 0.00	29.28 -0.59 0.00	33.75 -0.64 0.00	30.15 -0.42 0.00	29.47 -0.41 0.00	33.64 -0.52 0.00	34.02 -0.54 0.00	33.64 -0.55 0.00	32.31 -0.46 0.00	40.96 -0.63 0.00	39.05 -0.69 0.00	40.68 -0.86 0.00	42.87 -0.84 0.00	41.54 -0.81 0.00	41.29 -0.84 0.00	40.86 -0.74 0.00	46.62 -0.76 0.00	49.57 -0.51 0.00	57.24 -0.49 0.00	45.23 -0.26 0.00	40.90 -0.41 0.00	49.79 -0.22 0.00	52.21 -0.07 0.00

ROCHESRG_115KV_T4 355643	30.11 -2.13 0.52	31.14 -2.41 0.00	27.72 -2.15 0.00	32.03 -2.37 0.00	28.31 -2.26 0.00	27.82 -2.06 0.00	31.81 -2.34 0.00	32.13 -2.43 0.00	32.00 -2.19 0.00	30.87 -1.90 0.00	38.98 -2.61 0.00	37.19 -2.55 0.00	38.80 -2.74 0.00	40.97 -2.74 0.00	39.49 -2.79 0.07	39.40 -2.73 0.00	39.10 -2.51 0.00	44.28 -3.10 0.00	46.61 -3.47 0.00	54.07 -3.66 0.00	42.55 -2.94 0.00	38.73 -2.58 0.00	47.04 -2.97 0.00	49.52 -2.76 0.00
ROCHESTER_9_IC 23652	30.26 -1.97 0.53	31.30 -2.25 0.00	27.86 -2.01 0.00	32.18 -2.21 0.00	28.45 -2.12 0.00	27.96 -1.92 0.00	31.98 -2.18 0.00	32.31 -2.25 0.00	32.20 -2.00 0.00	31.07 -1.70 0.00	39.22 -2.37 0.00	37.42 -2.32 0.00	39.03 -2.51 0.00	41.23 -2.49 0.00	39.73 -2.55 0.07	39.66 -2.47 0.00	39.37 -2.23 0.00	44.59 -2.79 -0.01	46.96 -3.13 -0.01	54.48 -3.26 -0.01	42.86 -2.63 -0.01	39.00 -2.31 0.00	47.34 -2.67 0.00	49.83 -2.44 0.00
ROCKVIEW_13_KV_LD 356306	34.37 1.61 0.00	35.23 1.67 0.00	31.33 1.47 0.00	36.01 1.62 0.00	32.00 1.43 0.00	31.24 1.36 0.00	35.79 1.63 0.00	36.27 1.71 0.00	35.88 1.68 0.00	34.28 1.51 0.00	43.58 1.99 0.00	41.70 1.96 0.00	43.66 2.12 0.00	45.90 2.19 0.00	44.60 2.25 0.00	44.32 2.19 0.00	43.47 1.87 0.00	49.59 2.21 0.00	52.70 2.62 0.00	60.46 2.73 0.00	47.57 2.09 0.00	43.10 1.79 0.00	51.89 1.88 0.00	54.11 1.84 0.00
ROME____115KV_TB2 80656	33.45 0.69 0.00	34.22 0.67 0.00	30.42 0.55 0.00	35.05 0.66 0.00	31.19 0.61 0.00	30.54 0.67 0.00	34.96 0.81 0.00	35.40 0.83 0.00	35.14 0.94 0.00	33.93 1.15 0.00	43.06 1.47 0.00	40.90 1.15 0.00	42.65 1.11 0.00	45.09 1.38 0.00	43.53 1.18 0.00	43.37 1.24 0.00	43.11 1.51 0.00	49.20 1.83 0.00	52.12 2.04 0.00	60.13 2.40 0.00	47.26 1.78 0.00	42.73 1.42 0.00	51.69 1.69 0.00	54.05 1.78 0.00
ROSETON___1 23587	33.94 1.18 0.00	34.80 1.25 0.00	30.98 1.11 0.00	35.62 1.22 0.00	31.65 1.08 0.00	30.90 1.02 0.00	35.38 1.23 0.00	35.86 1.29 0.00	35.45 1.26 0.00	33.88 1.11 0.00	43.09 1.50 0.00	41.23 1.49 0.00	43.18 1.64 0.00	45.41 1.70 0.00	44.09 1.74 0.00	43.82 1.68 0.00	43.02 1.42 0.00	49.07 1.70 0.00	52.10 2.03 0.00	59.82 2.09 0.00	47.07 1.58 0.00	42.68 1.37 0.00	51.45 1.44 0.00	53.67 1.40 0.00
ROSETON___2 23588	33.94 1.18 0.00	34.80 1.25 0.00	30.98 1.11 0.00	35.62 1.22 0.00	31.65 1.08 0.00	30.90 1.02 0.00	35.38 1.23 0.00	35.86 1.29 0.00	35.45 1.26 0.00	33.88 1.11 0.00	43.09 1.50 0.00	41.23 1.49 0.00	43.18 1.64 0.00	45.41 1.70 0.00	44.09 1.74 0.00	43.82 1.68 0.00	43.02 1.42 0.00	49.07 1.70 0.00	52.10 2.03 0.00	59.82 2.09 0.00	47.07 1.58 0.00	42.68 1.37 0.00	51.45 1.44 0.00	53.67 1.40 0.00
ROTTRDAM_115KV_TB3 80664	33.57 0.81 0.00	34.46 0.91 0.00	30.68 0.81 0.00	35.30 0.91 0.00	31.37 0.80 0.00	30.64 0.76 0.00	35.09 0.93 0.00	35.50 0.93 0.00	35.04 0.85 0.00	33.53 0.76 0.00	42.67 1.08 0.00	40.89 1.15 0.00	42.78 1.24 0.00	44.85 1.14 0.00	43.51 1.15 0.00	43.29 1.16 0.00	42.73 1.13 0.00	48.82 1.44 0.00	51.67 1.59 0.00	59.47 1.74 0.00	46.81 1.32 0.00	42.48 1.16 0.00	51.38 1.37 0.00	53.67 1.39 0.00
RUSSELL___1 23602	30.42 -1.81 0.53	31.46 -2.09 0.00	27.99 -1.88 0.00	32.34 -2.06 0.00	28.59 -1.98 0.00	28.10 -1.78 0.00	32.14 -2.02 0.00	32.48 -2.08 0.00	32.38 -1.82 0.00	31.26 -1.51 0.00	39.45 -2.14 0.00	37.63 -2.11 0.00	39.28 -2.26 0.00	41.49 -2.22 0.00	40.00 -2.28 0.07	39.91 -2.22 0.00	39.64 -1.96 0.00	44.92 -2.46 -0.01	47.31 -2.78 -0.01	54.89 -2.85 -0.01	43.17 -2.33 -0.01	39.28 -2.03 0.00	47.65 -2.36 0.00	50.14 -2.13 0.00
RUSSELL___2 23532	30.42 -1.81 0.53	31.46 -2.09 0.00	27.99 -1.88 0.00	32.34 -2.06 0.00	28.59 -1.98 0.00	28.10 -1.78 0.00	32.14 -2.02 0.00	32.48 -2.08 0.00	32.38 -1.82 0.00	31.26 -1.51 0.00	39.45 -2.14 0.00	37.63 -2.11 0.00	39.28 -2.26 0.00	41.49 -2.22 0.00	40.00 -2.28 0.07	39.91 -2.22 0.00	39.64 -1.96 0.00	44.92 -2.46 -0.01	47.31 -2.78 -0.01	54.89 -2.85 -0.01	43.17 -2.33 -0.01	39.28 -2.03 0.00	47.65 -2.36 0.00	50.14 -2.13 0.00
RUSSELL___3 23549	30.42 -1.81 0.53	31.46 -2.09 0.00	27.99 -1.88 0.00	32.34 -2.06 0.00	28.59 -1.98 0.00	28.10 -1.78 0.00	32.14 -2.02 0.00	32.48 -2.08 0.00	32.38 -1.82 0.00	31.26 -1.51 0.00	39.45 -2.14 0.00	37.63 -2.11 0.00	39.28 -2.26 0.00	41.49 -2.22 0.00	40.00 -2.28 0.07	39.91 -2.22 0.00	39.64 -1.96 0.00	44.92 -2.46 -0.01	47.31 -2.78 -0.01	54.89 -2.85 -0.01	43.17 -2.33 -0.01	39.28 -2.03 0.00	47.65 -2.36 0.00	50.14 -2.13 0.00
RUSSELL___4 23556	30.42 -1.81 0.53	31.46 -2.09 0.00	27.99 -1.88 0.00	32.34 -2.06 0.00	28.59 -1.98 0.00	28.10 -1.78 0.00	32.14 -2.02 0.00	32.48 -2.08 0.00	32.38 -1.82 0.00	31.26 -1.51 0.00	39.45 -2.14 0.00	37.63 -2.11 0.00	39.28 -2.26 0.00	41.49 -2.22 0.00	40.00 -2.28 0.07	39.91 -2.22 0.00	39.64 -1.96 0.00	44.92 -2.46 -0.01	47.31 -2.78 -0.01	54.89 -2.85 -0.01	43.17 -2.33 -0.01	39.28 -2.03 0.00	47.65 -2.36 0.00	50.14 -2.13 0.00
RUSSELL___STATION 23914	30.42 -1.81 0.53	31.46 -2.09 0.00	27.99 -1.88 0.00	32.34 -2.06 0.00	28.59 -1.98 0.00	28.10 -1.78 0.00	32.14 -2.02 0.00	32.48 -2.08 0.00	32.38 -1.82 0.00	31.26 -1.51 0.00	39.45 -2.14 0.00	37.63 -2.11 0.00	39.28 -2.26 0.00	41.49 -2.22 0.00	40.00 -2.28 0.07	39.91 -2.22 0.00	39.64 -1.96 0.00	44.92 -2.46 -0.01	47.31 -2.78 -0.01	54.89 -2.85 -0.01	43.17 -2.33 -0.01	39.28 -2.03 0.00	47.65 -2.36 0.00	50.14 -2.13 0.00
S SALMON___HYD 24043	32.22 -0.53 0.00	32.94 -0.62 0.00	29.30 -0.57 0.00	33.73 -0.66 0.00	29.96 -0.61 0.00	29.31 -0.57 0.00	33.41 -0.75 0.00	33.84 -0.73 0.00	33.63 -0.56 0.00	32.46 -0.31 0.00	41.08 -0.51 0.00	38.96 -0.78 0.00	40.42 -1.12 0.00	42.80 -0.91 0.00	41.58 -0.78 0.00	41.48 -0.65 0.00	41.27 -0.33 0.00	47.07 -0.31 0.00	49.95 -0.13 0.00	57.85 0.12 0.00	45.54 0.05 0.00	41.20 -0.11 0.00	49.93 -0.08 0.00	52.30 0.03 0.00
S.PERRY__115KV_TB1 80734	29.88 -1.56 1.31	31.74 -1.81 0.00	28.20 -1.66 0.00	32.69 -1.71 0.00	28.86 -1.71 0.00	28.29 -1.59 0.00	32.48 -1.67 0.00	32.95 -1.76 -0.15	32.64 -1.55 0.00	32.84 -1.30 -1.36	59.36 -2.02 -19.80	46.94 -2.30 -9.50	61.21 -2.64 -22.31	49.89 -2.72 -8.89	45.29 -2.89 -5.84	39.64 -2.63 -0.14	43.91 -2.04 -4.35	64.80 -2.09 -19.52	79.38 -2.05 -31.35	84.02 -1.95 -28.24	65.50 -1.70 -21.70	40.00 -1.45 -0.14	48.34 -1.67 0.00	51.04 -1.23 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	28.79 -3.09 0.87	30.03 -3.52 0.00	26.71 -3.15 0.00	30.99 -3.41 0.00	27.26 -3.32 0.00	26.85 -3.03 0.00	30.71 -3.45 0.00	30.85 -3.67 0.04	30.83 -3.36 0.00	29.47 -2.92 0.38	32.18 -3.86 5.55	33.25 -3.83 2.66	31.25 -4.03 6.25	37.13 -4.09 2.49	36.25 -4.30 1.80	37.79 -4.30 0.04	36.42 -3.96 1.22	37.01 -4.90 5.47	35.78 -5.51 8.79	44.08 -5.73 7.91	34.84 -4.57 6.08	37.28 -3.99 0.04	45.52 -4.49 0.00	48.25 -4.02 0.00

SAWYER___23_KV_LOAD 55526	28.79 -3.09 0.87	30.03 -3.52 0.00	26.71 -3.15 0.00	30.99 -3.41 0.00	27.26 -3.32 0.00	26.85 -3.03 0.00	30.71 -3.45 0.00	30.85 -3.67 0.04	30.83 -3.36 0.00	29.47 -2.92 0.38	32.18 -3.86 5.55	33.25 -3.83 2.66	31.25 -4.03 6.25	37.13 -4.09 2.49	36.25 -4.30 1.80	37.79 -4.30 0.04	36.42 -3.96 1.22	37.01 -4.90 5.47	35.78 -5.51 8.79	44.08 -5.73 7.91	34.84 -4.57 6.08	37.28 -3.99 0.04	45.52 -4.49 0.00	48.25 -4.02 0.00
SELKIRK___I 23801	33.60 0.84 0.00	34.51 0.96 0.00	30.74 0.87 0.00	35.37 0.98 0.00	31.44 0.87 0.00	30.69 0.81 0.00	35.16 1.01 0.00	35.56 1.00 0.00	35.04 0.85 0.00	33.42 0.65 0.00	42.71 1.12 0.00	41.00 1.26 0.00	42.94 1.40 0.00	45.18 1.47 0.00	43.84 1.49 0.00	43.60 1.47 0.00	42.95 1.35 0.00	49.03 1.65 0.00	51.85 1.77 0.00	59.62 1.89 0.00	46.98 1.50 0.00	42.61 1.30 0.00	51.58 1.57 0.00	53.84 1.57 0.00
SELKIRK___II 23799	33.41 0.66 0.00	34.32 0.76 0.00	30.56 0.69 0.00	35.17 0.78 0.00	31.25 0.68 0.00	30.51 0.63 0.00	34.96 0.80 0.00	35.38 0.81 0.00	34.94 0.75 0.00	33.38 0.61 0.00	42.68 1.09 0.00	40.84 1.10 0.00	42.78 1.24 0.00	44.99 1.28 0.00	43.65 1.30 0.00	43.40 1.27 0.00	42.76 1.16 0.00	48.76 1.38 0.00	51.59 1.51 0.00	59.32 1.59 0.00	46.76 1.27 0.00	42.40 1.09 0.00	51.30 1.29 0.00	53.54 1.27 0.00
SENECA OSWGO___HYD 24041	32.20 -0.56 0.00	32.93 -0.62 0.00	29.32 -0.54 0.00	33.73 -0.66 0.00	29.95 -0.62 0.00	29.33 -0.54 0.00	33.46 -0.69 0.00	33.89 -0.67 0.00	33.67 -0.52 0.00	32.45 -0.32 0.00	41.13 -0.46 0.00	39.19 -0.55 0.00	40.91 -0.63 0.00	43.09 -0.62 0.00	41.74 -0.61 0.00	41.64 -0.49 0.00	41.31 -0.29 0.00	47.06 -0.32 0.00	49.80 -0.28 0.00	57.50 -0.23 0.00	45.21 -0.27 0.00	40.97 -0.34 0.00	49.54 -0.46 0.00	51.84 -0.43 0.00
SENECA___115KV_TB3 355854	29.12 -2.69 0.94	30.47 -3.08 0.00	27.11 -2.76 0.00	31.44 -2.95 0.00	27.66 -2.91 0.00	27.24 -2.64 0.00	31.15 -3.00 0.00	31.32 -3.21 0.04	31.27 -2.92 0.00	29.88 -2.49 0.40	32.52 -3.27 5.79	33.63 -3.33 2.78	31.58 -3.44 6.53	37.59 -3.51 2.60	36.69 -3.78 1.88	38.32 -3.77 0.04	36.95 -3.38 1.27	37.53 -4.17 5.68	36.26 -4.69 9.12	44.72 -4.80 8.21	35.31 -3.86 6.31	37.91 -3.36 0.04	46.26 -3.75 0.00	49.03 -3.25 0.00
SENECA___ENERGY 23797	31.39 -1.20 0.17	32.26 -1.29 0.00	28.69 -1.18 0.00	33.13 -1.26 0.00	29.38 -1.19 0.00	28.78 -1.10 0.00	32.90 -1.25 0.00	33.34 -1.24 -0.01	33.09 -1.10 0.00	31.92 -0.95 0.00	41.71 -1.25 -1.37	39.10 -1.30 -0.66	41.73 -1.36 -1.55	42.85 -1.47 -0.62	41.17 -1.57 -0.39	40.68 -1.46 -0.01	40.75 -1.16 -0.30	47.44 -1.29 -1.35	50.84 -1.41 -2.17	58.22 -1.46 -1.96	45.76 -1.23 -1.50	40.25 -1.07 -0.01	48.68 -1.33 0.00	51.01 -1.27 0.00
SHOEMAKER___GT 23640	33.79 1.04 0.00	34.65 1.10 0.00	30.83 0.96 0.00	35.47 1.08 0.00	31.51 0.94 0.00	30.77 0.89 0.00	35.23 1.07 0.00	35.68 1.12 0.00	35.24 1.05 0.00	33.64 0.87 0.00	42.67 1.08 0.00	40.83 1.09 0.00	42.86 1.31 0.00	45.08 1.36 0.00	43.71 1.36 0.00	43.51 1.38 0.00	42.78 1.18 0.00	48.82 1.44 0.00	51.88 1.80 0.00	59.61 1.88 0.00	46.93 1.44 0.00	42.55 1.24 0.00	51.28 1.27 0.00	53.50 1.22 0.00
SHOEMAKR_138KV_BK 111 55601	33.78 1.03 0.00	34.64 1.09 0.00	30.83 0.96 0.00	35.46 1.07 0.00	31.51 0.93 0.00	30.76 0.88 0.00	35.22 1.06 0.00	35.67 1.10 0.00	35.24 1.05 0.00	33.65 0.89 0.00	42.70 1.11 0.00	40.85 1.11 0.00	42.85 1.30 0.00	45.07 1.37 0.00	43.72 1.37 0.00	43.50 1.37 0.00	42.76 1.16 0.00	48.79 1.41 0.00	51.83 1.75 0.00	59.56 1.83 0.00	46.88 1.40 0.00	42.52 1.21 0.00	51.23 1.22 0.00	53.45 1.17 0.00
SHOREHAM_IC_1 23715	37.31 2.00 -2.55	35.95 2.40 0.00	31.98 2.11 0.00	36.80 2.41 0.00	32.69 2.12 0.00	31.86 1.98 0.00	36.52 2.37 0.00	36.98 2.42 0.00	36.72 2.52 0.00	34.84 2.07 0.00	44.15 2.56 0.00	42.54 2.80 0.00	44.31 2.76 0.00	46.05 2.34 0.00	48.84 2.70 -3.79	90.89 3.00 -45.76	43.92 2.32 0.00	50.69 3.31 0.00	54.07 3.99 0.00	62.11 4.38 0.00	48.76 3.28 0.00	44.07 2.75 0.00	52.90 2.89 0.00	55.12 2.85 0.00
SHOREHAM_IC_2 23716	37.31 2.00 -2.55	35.95 2.40 0.00	31.98 2.11 0.00	36.80 2.41 0.00	32.69 2.12 0.00	31.86 1.98 0.00	36.52 2.37 0.00	36.98 2.42 0.00	36.72 2.52 0.00	34.84 2.07 0.00	44.15 2.56 0.00	42.54 2.80 0.00	44.31 2.76 0.00	46.05 2.34 0.00	48.84 2.70 -3.79	90.89 3.00 -45.76	43.92 2.32 0.00	50.69 3.31 0.00	54.07 3.99 0.00	62.11 4.38 0.00	48.76 3.28 0.00	44.07 2.75 0.00	52.90 2.89 0.00	55.12 2.85 0.00
SISSONVILLE____ 23735	33.72 0.96 0.00	34.38 0.83 0.00	30.55 0.68 0.00	35.24 0.85 0.00	31.36 0.79 0.00	30.58 0.70 0.00	34.82 0.67 0.00	35.27 0.71 0.00	34.82 0.63 0.00	33.41 0.63 0.00	42.44 0.85 0.00	40.42 0.68 0.00	42.03 0.48 0.00	44.53 0.82 0.00	43.25 0.90 0.00	42.99 0.86 0.00	42.42 0.82 0.00	47.99 0.61 0.00	50.07 0.00 0.00	58.19 0.46 0.00	46.10 0.61 0.00	42.19 0.88 0.00	51.51 1.50 0.00	54.08 1.81 0.00
SITHE_IND_GS1 24169	31.40 -1.36 0.00	32.13 -1.42 0.00	28.63 -1.24 0.00	32.93 -1.47 0.00	29.28 -1.29 0.00	28.64 -1.24 0.00	32.62 -1.53 0.00	33.01 -1.55 0.00	32.71 -1.49 0.00	31.42 -1.35 0.00	39.79 -1.80 0.00	38.00 -1.74 0.00	39.72 -1.82 0.00	41.80 -1.91 0.00	40.47 -1.88 0.00	40.30 -1.83 0.00	39.87 -1.74 0.00	45.36 -2.02 0.00	47.93 -2.14 0.00	55.30 -2.43 0.00	43.54 -1.95 0.00	39.55 -1.76 0.00	47.85 -2.16 0.00	50.05 -2.23 0.00
SITHE_IND_GS2 24170	31.40 -1.36 0.00	32.13 -1.42 0.00	28.63 -1.24 0.00	32.93 -1.47 0.00	29.28 -1.29 0.00	28.64 -1.24 0.00	32.62 -1.53 0.00	33.01 -1.55 0.00	32.71 -1.49 0.00	31.42 -1.35 0.00	39.79 -1.80 0.00	38.00 -1.74 0.00	39.72 -1.82 0.00	41.80 -1.91 0.00	40.47 -1.88 0.00	40.30 -1.83 0.00	39.87 -1.74 0.00	45.36 -2.02 0.00	47.93 -2.14 0.00	55.30 -2.43 0.00	43.54 -1.95 0.00	39.55 -1.76 0.00	47.85 -2.16 0.00	50.05 -2.23 0.00
SITHE_IND_GS3 24171	31.40 -1.36 0.00	32.13 -1.42 0.00	28.63 -1.24 0.00	32.93 -1.47 0.00	29.28 -1.29 0.00	28.64 -1.24 0.00	32.62 -1.53 0.00	33.01 -1.55 0.00	32.71 -1.49 0.00	31.42 -1.35 0.00	39.79 -1.80 0.00	38.00 -1.74 0.00	39.72 -1.82 0.00	41.80 -1.91 0.00	40.47 -1.88 0.00	40.30 -1.83 0.00	39.87 -1.74 0.00	45.36 -2.02 0.00	47.93 -2.14 0.00	55.30 -2.43 0.00	43.54 -1.95 0.00	39.55 -1.76 0.00	47.85 -2.16 0.00	50.05 -2.23 0.00
SITHE_IND_GS4 24172	31.40 -1.36 0.00	32.13 -1.42 0.00	28.63 -1.24 0.00	32.93 -1.47 0.00	29.28 -1.29 0.00	28.64 -1.24 0.00	32.62 -1.53 0.00	33.01 -1.55 0.00	32.71 -1.49 0.00	31.42 -1.35 0.00	39.79 -1.80 0.00	38.00 -1.74 0.00	39.72 -1.82 0.00	41.80 -1.91 0.00	40.47 -1.88 0.00	40.30 -1.83 0.00	39.87 -1.74 0.00	45.36 -2.02 0.00	47.93 -2.14 0.00	55.30 -2.43 0.00	43.54 -1.95 0.00	39.55 -1.76 0.00	47.85 -2.16 0.00	50.05 -2.23 0.00

SITHE___BATAVIA 24024	29.99 -2.07 0.70	31.06 -2.49 0.00	27.63 -2.24 0.00	32.00 -2.39 0.00	28.22 -2.35 0.00	27.80 -2.07 0.00	31.86 -2.29 0.00	32.04 -2.50 0.02	32.05 -2.14 0.00	30.77 -1.79 0.20	36.24 -2.41 2.94	35.66 -2.67 1.41	35.34 -2.89 3.31	39.48 -2.92 1.32	38.33 -3.04 0.98	39.22 -2.88 0.02	38.47 -2.49 0.65	41.63 -2.92 2.84	42.33 -3.18 4.56	50.48 -3.14 4.10	39.70 -2.64 3.15	38.88 -2.41 0.02	47.25 -2.76 0.00	49.91 -2.36 0.00
SITHE___INDEPEND 23800	31.40 -1.36 0.00	32.13 -1.43 0.00	28.63 -1.24 0.00	32.93 -1.47 0.00	29.28 -1.30 0.00	28.64 -1.24 0.00	32.62 -1.53 0.00	33.01 -1.56 0.00	32.71 -1.49 0.00	31.42 -1.35 0.00	39.79 -1.80 0.00	38.00 -1.74 0.00	39.72 -1.82 0.00	41.79 -1.91 0.00	40.47 -1.89 0.00	40.30 -1.84 0.00	39.86 -1.74 0.00	45.36 -2.02 0.00	47.93 -2.15 0.00	55.30 -2.43 0.00	43.54 -1.95 0.00	39.55 -1.76 0.00	47.85 -2.16 0.00	50.05 -2.23 0.00
SITHE___MASSENA 23902	33.68 0.93 0.00	34.40 0.85 0.00	30.58 0.72 0.00	35.28 0.89 0.00	31.39 0.81 0.00	30.68 0.80 0.00	35.07 0.92 0.00	35.50 0.94 0.00	35.04 0.85 0.00	33.57 0.80 0.00	42.52 0.92 0.00	40.56 0.82 0.00	42.28 0.73 0.00	44.62 0.91 0.00	43.26 0.91 0.00	43.00 0.87 0.00	42.45 0.85 0.00	48.17 0.80 0.00	50.41 0.33 0.00	58.43 0.70 0.00	46.26 0.78 0.00	42.25 0.94 0.00	51.34 1.33 0.00	53.76 1.49 0.00
SITHE___OGDNSBRG 24021	34.42 1.66 0.00	35.09 1.54 0.00	31.18 1.31 0.00	35.99 1.59 0.00	32.01 1.44 0.00	31.26 1.39 0.00	35.72 1.57 0.00	36.17 1.60 0.00	35.63 1.43 0.00	34.06 1.29 0.00	43.17 1.58 0.00	40.94 1.20 0.00	42.65 1.11 0.00	45.25 1.54 0.00	44.02 1.67 0.00	43.75 1.62 0.00	43.29 1.70 0.00	49.14 1.76 0.00	51.43 1.35 0.00	59.67 1.94 0.00	47.26 1.77 0.00	43.20 1.89 0.00	52.57 2.56 0.00	55.08 2.80 0.00
SITHE___STERLING 23777	33.13 0.37 0.00	33.90 0.35 0.00	30.17 0.30 0.00	34.77 0.38 0.00	30.94 0.37 0.00	30.29 0.41 0.00	34.68 0.52 0.00	35.12 0.55 0.00	34.82 0.63 0.00	33.53 0.76 0.00	42.55 0.95 0.00	40.50 0.76 0.00	42.31 0.77 0.00	44.60 0.89 0.00	43.09 0.74 0.00	42.94 0.81 0.00	42.61 1.01 0.00	48.60 1.22 0.00	51.43 1.35 0.00	59.28 1.55 0.00	46.62 1.13 0.00	42.20 0.89 0.00	51.03 1.02 0.00	53.35 1.08 0.00
SLEIGHT__34_KV_TB1 80719	30.92 -1.56 0.27	31.78 -1.77 0.00	28.27 -1.60 0.00	32.63 -1.76 0.00	28.92 -1.65 0.00	28.38 -1.50 0.00	32.46 -1.69 0.00	32.85 -1.71 0.00	32.69 -1.51 0.00	31.47 -1.30 0.00	39.80 -1.79 0.00	37.96 -1.78 0.00	39.61 -1.93 0.00	41.78 -1.93 0.00	40.32 -2.00 0.04	40.25 -1.88 0.00	40.02 -1.59 0.00	45.46 -1.92 0.00	47.97 -2.11 0.00	55.49 -2.24 0.00	43.65 -1.84 0.00	39.65 -1.66 0.00	48.06 -1.95 0.00	50.43 -1.84 0.00
SOUTH CAIRO___GT 23612	34.66 1.90 0.00	35.55 2.00 0.00	31.64 1.77 0.00	36.41 2.02 0.00	32.36 1.79 0.00	31.62 1.74 0.00	36.31 2.16 0.00	36.74 2.18 0.00	36.13 1.93 0.00	34.11 1.33 0.00	43.89 2.29 0.00	42.06 2.32 0.00	44.25 2.71 0.00	46.55 2.84 0.00	45.31 2.96 0.00	45.21 3.08 0.00	44.53 2.93 0.00	51.31 3.93 0.00	54.41 4.33 0.00	62.56 4.83 0.00	49.27 3.78 0.00	44.60 3.29 0.00	53.93 3.92 0.00	56.19 3.92 0.00
SOUTH HAMPTN___IC 23720	37.23 1.92 -2.55	35.82 2.27 0.00	31.86 2.00 0.00	36.66 2.27 0.00	32.58 2.01 0.00	31.76 1.88 0.00	36.42 2.26 0.00	36.88 2.32 0.00	36.62 2.42 0.00	34.68 1.91 0.00	44.05 2.46 0.00	42.43 2.69 0.00	44.17 2.63 0.00	45.91 2.20 0.00	48.70 2.56 -3.79	90.71 2.81 -45.76	43.83 2.23 0.00	50.57 3.20 0.00	53.97 3.89 0.00	61.99 4.26 0.00	48.67 3.19 0.00	43.97 2.65 0.00	52.79 2.78 0.00	55.00 2.72 0.00
SOUTHDOW_115KV_TB1 355954	29.73 -1.92 1.10	31.44 -2.11 0.00	27.96 -1.91 0.00	32.47 -1.92 0.00	28.59 -1.98 0.00	28.17 -1.71 0.00	32.21 -1.95 0.00	32.61 -1.93 0.02	32.42 -1.77 0.00	31.15 -1.40 0.22	36.64 -1.78 3.18	36.31 -1.91 1.52	36.19 -1.78 3.58	40.47 -1.81 1.43	38.95 -2.30 1.11	39.87 -2.23 0.03	39.14 -1.77 0.70	42.20 -2.07 3.11	42.71 -2.38 5.00	51.10 -2.13 4.50	40.32 -1.71 3.46	39.86 -1.43 0.02	48.45 -1.56 0.00	51.20 -1.07 0.00
SOUTHOLD_69_KV_BK 2 55809	36.84 1.53 -2.55	35.36 1.81 0.00	31.45 1.58 0.00	36.19 1.80 0.00	32.17 1.60 0.00	31.37 1.49 0.00	35.98 1.83 0.00	36.45 1.89 0.00	36.20 2.00 0.00	34.23 1.46 0.00	43.50 1.91 0.00	41.91 2.17 0.00	43.63 2.09 0.00	45.32 1.61 0.00	48.13 1.99 -3.79	90.10 2.21 -45.76	43.30 1.70 0.00	50.02 2.64 0.00	53.42 3.34 0.00	61.35 3.62 0.00	48.18 2.70 0.00	43.50 2.19 0.00	52.22 2.22 0.00	54.39 2.11 0.00
SOUTHOLD___IC 23719	36.84 1.53 -2.55	35.36 1.81 0.00	31.45 1.59 0.00	36.19 1.79 0.00	32.17 1.60 0.00	31.37 1.49 0.00	35.97 1.82 0.00	36.44 1.88 0.00	36.20 2.00 0.00	34.23 1.46 0.00	43.50 1.91 0.00	41.92 2.18 0.00	43.62 2.08 0.00	45.32 1.61 0.00	48.12 1.98 -3.79	90.09 2.20 -45.76	43.30 1.70 0.00	50.02 2.64 0.00	53.42 3.34 0.00	61.35 3.62 0.00	48.18 2.69 0.00	43.50 2.19 0.00	52.22 2.22 0.00	54.39 2.11 0.00
SOUTH_FORK_WT_PWR 323839	36.38 1.07 -2.55	34.85 1.30 0.00	31.01 1.14 0.00	35.67 1.27 0.00	31.72 1.14 0.00	30.92 1.04 0.00	35.46 1.31 0.00	35.93 1.37 0.00	35.69 1.49 0.00	33.72 0.95 0.00	42.84 1.25 0.00	41.32 1.57 0.00	42.98 1.44 0.00	44.66 0.96 0.00	47.50 1.36 -3.79	89.45 1.56 -45.76	42.65 1.05 0.00	49.31 1.93 0.00	52.70 2.62 0.00	60.50 2.77 0.00	47.53 2.04 0.00	42.90 1.59 0.00	51.49 1.49 0.00	53.61 1.33 0.00
SPIERFLS_115KV_TB 1 80737	35.41 2.65 0.00	36.50 2.95 0.00	32.49 2.62 0.00	37.37 2.98 0.00	33.21 2.64 0.00	32.49 2.61 0.00	37.32 3.17 0.00	37.90 3.34 0.00	37.49 3.30 0.00	35.77 2.99 0.00	45.53 3.94 0.00	43.74 4.00 0.00	45.89 4.35 0.00	48.17 4.46 0.00	46.52 4.17 0.00	46.19 4.06 0.00	45.73 4.13 0.00	52.41 5.03 0.00	55.54 5.46 0.00	63.90 6.17 0.00	50.23 4.74 0.00	45.63 4.32 0.00	55.32 5.32 0.00	57.71 5.44 0.00
ST LAWRENCE____ 23600	33.14 0.38 0.00	33.86 0.31 0.00	30.11 0.24 0.00	34.72 0.32 0.00	30.89 0.31 0.00	30.21 0.33 0.00	34.56 0.40 0.00	34.98 0.42 0.00	34.54 0.35 0.00	33.08 0.32 0.00	41.87 0.27 0.00	39.97 0.23 0.00	41.67 0.13 0.00	43.94 0.23 0.00	42.59 0.23 0.00	42.33 0.20 0.00	41.78 0.18 0.00	47.47 0.09 0.00	49.91 -0.16 0.00	57.69 -0.04 0.00	45.59 0.10 0.00	41.56 0.24 0.00	50.47 0.46 0.00	52.81 0.53 0.00
STATE_CA_115KV_115_LB 55624	33.54 0.78 0.00	34.46 0.91 0.00	30.68 0.82 0.00	35.31 0.91 0.00	31.38 0.80 0.00	30.63 0.75 0.00	35.12 0.97 0.00	35.54 0.98 0.00	35.09 0.90 0.00	33.55 0.78 0.00	43.01 1.42 0.00	41.14 1.40 0.00	43.12 1.57 0.00	45.33 1.63 0.00	43.98 1.63 0.00	43.74 1.61 0.00	43.10 1.50 0.00	49.12 1.74 0.00	51.96 1.88 0.00	59.74 2.01 0.00	47.13 1.64 0.00	42.71 1.40 0.00	51.70 1.69 0.00	53.93 1.66 0.00

STATE_ST_34_KV_LOAD 55959	32.56 -0.54 -0.34	32.96 -0.59 0.00	29.28 -0.59 0.00	33.83 -0.56 0.00	30.05 -0.52 0.00	29.42 -0.45 0.00	33.62 -0.53 0.00	34.05 -0.51 0.00	33.78 -0.41 0.00	32.36 -0.42 0.00	41.01 -0.58 0.00	39.10 -0.64 0.00	40.83 -0.71 0.00	43.01 -0.70 0.00	41.56 -0.84 -0.04	41.41 -0.72 0.00	41.23 -0.37 0.00	47.00 -0.38 0.00	49.68 -0.40 0.00	57.38 -0.35 0.00	45.14 -0.35 0.00	40.96 -0.35 0.00	49.53 -0.48 0.00	51.84 -0.44 0.00
STATION 5_MISC_HYD 23604	30.27 -1.96 0.53	31.30 -2.25 0.00	27.86 -2.01 0.00	32.18 -2.21 0.00	28.45 -2.12 0.00	27.96 -1.92 0.00	31.98 -2.17 0.00	32.31 -2.25 0.00	32.20 -2.00 0.00	31.07 -1.70 0.00	39.25 -2.34 0.00	37.43 -2.31 0.00	39.05 -2.49 0.00	41.23 -2.48 0.00	39.75 -2.54 0.07	39.67 -2.46 0.00	39.37 -2.23 0.00	44.61 -2.77 -0.01	46.98 -3.10 -0.01	54.50 -3.23 -0.01	42.86 -2.63 -0.01	39.00 -2.31 0.00	47.34 -2.66 0.00	49.83 -2.45 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.29 -1.06 0.41	32.32 -1.23 0.00	28.74 -1.12 0.00	33.20 -1.19 0.00	29.41 -1.16 0.00	28.86 -1.02 0.00	33.00 -1.15 0.00	33.43 -1.13 0.00	33.29 -0.91 0.00	32.05 -0.72 0.00	40.58 -1.01 0.00	38.69 -1.05 0.00	40.41 -1.13 0.00	42.59 -1.12 0.00	41.05 -1.25 0.05	40.97 -1.16 0.00	40.74 -0.86 0.00	46.37 -1.01 0.00	48.91 -1.17 0.00	56.57 -1.16 0.00	44.48 -1.01 0.00	40.41 -0.90 0.00	48.91 -1.09 0.00	51.29 -0.98 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	30.20 -2.04 0.51	31.24 -2.31 0.00	27.80 -2.07 0.00	32.11 -2.28 0.00	28.40 -2.17 0.00	27.91 -1.97 0.00	31.91 -2.24 0.00	32.25 -2.31 0.00	32.14 -2.06 0.00	31.00 -1.77 0.00	39.15 -2.44 0.00	37.35 -2.39 0.00	38.98 -2.56 0.00	41.15 -2.56 0.00	39.68 -2.61 0.07	39.60 -2.52 0.00	39.30 -2.30 0.00	44.53 -2.85 0.00	46.90 -3.18 0.00	54.39 -3.34 0.00	42.78 -2.71 0.00	38.93 -2.38 0.00	47.24 -2.77 0.00	49.67 -2.60 0.00
STA_56___34_KV_BUS2 355983	30.20 -2.04 0.51	31.24 -2.31 0.00	27.80 -2.07 0.00	32.11 -2.28 0.00	28.40 -2.17 0.00	27.91 -1.97 0.00	31.91 -2.24 0.00	32.25 -2.31 0.00	32.14 -2.06 0.00	31.00 -1.77 0.00	39.15 -2.44 0.00	37.35 -2.39 0.00	38.98 -2.56 0.00	41.15 -2.56 0.00	39.68 -2.61 0.07	39.60 -2.52 0.00	39.30 -2.30 0.00	44.53 -2.85 0.00	46.90 -3.18 0.00	54.39 -3.34 0.00	42.78 -2.71 0.00	38.93 -2.38 0.00	47.24 -2.77 0.00	49.67 -2.60 0.00
STA_67___115KV_BK2 355882	30.20 -2.04 0.53	31.24 -2.32 0.00	27.80 -2.07 0.00	32.12 -2.28 0.00	28.40 -2.18 0.00	27.90 -1.98 0.00	31.90 -2.25 0.00	32.23 -2.33 0.00	32.12 -2.08 0.00	30.99 -1.78 0.00	39.12 -2.47 0.00	37.32 -2.42 0.00	38.94 -2.61 0.00	41.12 -2.59 0.00	39.63 -2.65 0.07	39.55 -2.58 0.00	39.26 -2.34 0.00	44.46 -2.91 0.00	46.81 -3.27 0.00	54.31 -3.42 0.00	42.73 -2.76 0.00	38.90 -2.41 0.00	47.21 -2.79 0.00	49.69 -2.59 0.00
STA_7___115KV_9TRANS 80674	30.42 -1.81 0.53	31.46 -2.09 0.00	27.99 -1.88 0.00	32.34 -2.06 0.00	28.59 -1.98 0.00	28.10 -1.78 0.00	32.14 -2.02 0.00	32.48 -2.08 0.00	32.38 -1.82 0.00	31.26 -1.51 0.00	39.45 -2.14 0.00	37.63 -2.11 0.00	39.28 -2.26 0.00	41.49 -2.22 0.00	40.00 -2.28 0.07	39.91 -2.22 0.00	39.64 -1.96 0.00	44.92 -2.46 -0.01	47.31 -2.78 -0.01	54.89 -2.85 -0.01	43.17 -2.33 -0.01	39.28 -2.03 0.00	47.65 -2.36 0.00	50.14 -2.13 0.00
STA_82___115KV_TB1 80780	30.19 -2.04 0.53	31.24 -2.32 0.00	27.80 -2.07 0.00	32.11 -2.28 0.00	28.39 -2.18 0.00	27.90 -1.98 0.00	31.90 -2.25 0.00	32.23 -2.33 0.00	32.12 -2.08 0.00	30.99 -1.78 0.00	39.12 -2.47 0.00	37.32 -2.43 0.00	38.93 -2.62 0.00	41.11 -2.60 0.00	39.63 -2.65 0.07	39.55 -2.58 0.00	39.26 -2.34 0.00	44.48 -2.90 -0.01	46.83 -3.26 -0.01	54.32 -3.42 -0.01	42.74 -2.75 -0.01	38.90 -2.41 0.00	47.23 -2.78 0.00	49.69 -2.59 0.00
STEEL___WIND 323596	29.08 -2.73 0.94	30.41 -3.14 0.00	27.07 -2.80 0.00	31.40 -2.99 0.00	27.62 -2.95 0.00	27.20 -2.67 0.00	31.12 -3.03 0.00	31.27 -3.25 0.04	31.21 -2.98 0.00	29.84 -2.53 0.40	32.47 -3.32 5.80	33.56 -3.40 2.78	31.54 -3.47 6.53	37.55 -3.56 2.60	36.65 -3.82 1.88	38.28 -3.81 0.04	36.91 -3.41 1.27	37.52 -4.18 5.68	36.27 -4.68 9.12	44.67 -4.84 8.21	35.28 -3.89 6.31	37.86 -3.41 0.04	46.20 -3.81 0.00	48.97 -3.30 0.00
STEPHTWN_115KV_BK_2 55603	33.72 0.97 0.00	34.59 1.04 0.00	30.77 0.90 0.00	35.43 1.04 0.00	31.52 0.94 0.00	30.76 0.88 0.00	35.27 1.12 0.00	35.71 1.14 0.00	35.25 1.06 0.00	33.61 0.84 0.00	43.15 1.56 0.00	41.21 1.47 0.00	43.21 1.67 0.00	45.54 1.83 0.00	44.17 1.82 0.00	43.89 1.76 0.00	43.36 1.76 0.00	49.42 2.05 0.00	52.30 2.22 0.00	60.32 2.59 0.00	47.48 2.00 0.00	43.02 1.71 0.00	52.06 2.06 0.00	54.40 2.12 0.00
STEUBEN_REC_LFGE 323667	26.74 -3.04 2.99	30.39 -3.16 0.00	27.02 -2.85 0.00	31.46 -2.93 0.00	27.79 -2.79 0.00	26.88 -3.00 0.00	30.95 -3.20 0.00	31.18 -3.48 -0.09	30.71 -3.48 0.00	30.60 -3.05 -0.88	50.33 -4.06 -12.80	41.65 -4.23 -6.14	51.54 -4.42 -14.42	44.77 -4.69 -5.75	40.84 -5.01 -3.49	37.48 -4.74 -0.09	40.26 -4.15 -2.82	55.59 -4.41 -12.62	65.73 -4.61 -20.27	70.90 -5.09 -18.26	55.35 -4.17 -14.04	37.76 -3.64 -0.09	45.87 -4.13 0.00	48.88 -3.40 0.00
STILLWATER___SOLAR 323814	34.64 1.88 0.00	35.62 2.06 0.00	31.72 1.85 0.00	36.49 2.10 0.00	32.43 1.86 0.00	31.70 1.82 0.00	36.39 2.24 0.00	36.84 2.28 0.00	36.36 2.16 0.00	34.73 1.96 0.00	44.28 2.69 0.00	42.50 2.76 0.00	44.56 3.02 0.00	46.79 3.08 0.00	45.29 2.94 0.00	45.00 2.87 0.00	44.45 2.85 0.00	50.88 3.50 0.00	53.87 3.79 0.00	61.97 4.24 0.00	48.71 3.23 0.00	44.21 2.90 0.00	53.56 3.56 0.00	55.89 3.62 0.00
STONY___BROOK 24151	37.44 2.13 -2.55	35.92 2.37 0.00	31.92 2.05 0.00	36.72 2.33 0.00	32.63 2.06 0.00	31.81 1.94 0.00	36.47 2.31 0.00	36.94 2.38 0.00	36.68 2.48 0.00	34.83 2.06 0.00	44.30 2.71 0.00	42.54 2.79 0.00	44.29 2.75 0.00	46.16 2.45 0.00	48.96 2.82 -3.79	91.02 3.13 -45.76	44.15 2.55 0.00	50.68 3.30 0.00	54.04 3.96 0.00	62.05 4.32 0.00	48.72 3.23 0.00	44.04 2.73 0.00	52.89 2.88 0.00	55.10 2.83 0.00
STURGEON_POOL_HYD 23609	34.16 1.40 0.00	35.03 1.48 0.00	31.16 1.30 0.00	35.84 1.44 0.00	31.84 1.27 0.00	31.08 1.20 0.00	35.59 1.44 0.00	36.09 1.53 0.00	35.68 1.49 0.00	34.07 1.30 0.00	43.26 1.67 0.00	41.41 1.66 0.00	43.41 1.86 0.00	45.65 1.94 0.00	44.33 1.97 0.00	44.06 1.92 0.00	43.28 1.68 0.00	49.42 2.05 0.00	52.51 2.43 0.00	60.36 2.63 0.00	47.46 1.98 0.00	43.03 1.72 0.00	51.85 1.84 0.00	54.09 1.82 0.00
ST_LAW_115_BK7_LBMP 345037	33.20 0.44 0.00	33.91 0.36 0.00	30.16 0.30 0.00	34.79 0.39 0.00	30.94 0.37 0.00	30.26 0.38 0.00	34.62 0.46 0.00	35.03 0.47 0.00	34.58 0.39 0.00	33.14 0.36 0.00	41.93 0.34 0.00	40.04 0.30 0.00	41.73 0.19 0.00	44.01 0.30 0.00	42.65 0.29 0.00	42.40 0.27 0.00	41.85 0.25 0.00	47.53 0.15 0.00	49.95 -0.13 0.00	57.71 -0.02 0.00	45.63 0.14 0.00	41.60 0.29 0.00	50.56 0.55 0.00	52.91 0.63 0.00

ST_LAW_115_BK8_LBMP 345038	33.20 0.44 0.00	33.91 0.36 0.00	30.16 0.30 0.00	34.79 0.39 0.00	30.94 0.37 0.00	30.26 0.38 0.00	34.62 0.46 0.00	35.03 0.47 0.00	34.58 0.39 0.00	33.14 0.36 0.00	41.93 0.34 0.00	40.04 0.30 0.00	41.73 0.19 0.00	44.01 0.30 0.00	42.65 0.29 0.00	42.40 0.27 0.00	41.85 0.25 0.00	47.53 0.15 0.00	49.95 -0.13 0.00	57.71 -0.02 0.00	45.63 0.14 0.00	41.60 0.29 0.00	50.56 0.55 0.00	52.91 0.63 0.00
ST_LAW_230_BK5_LBMP 345035	33.14 0.38 0.00	33.86 0.31 0.00	30.11 0.24 0.00	34.72 0.32 0.00	30.89 0.31 0.00	30.21 0.33 0.00	34.56 0.40 0.00	34.98 0.42 0.00	34.54 0.35 0.00	33.08 0.32 0.00	41.87 0.27 0.00	39.97 0.23 0.00	41.67 0.13 0.00	43.94 0.23 0.00	42.59 0.23 0.00	42.33 0.20 0.00	41.78 0.18 0.00	47.47 0.09 0.00	49.91 -0.16 0.00	57.69 -0.04 0.00	45.59 0.10 0.00	41.56 0.24 0.00	50.47 0.46 0.00	52.81 0.53 0.00
ST_LAW_230_BK6_LBMP 345036	33.14 0.38 0.00	33.86 0.31 0.00	30.11 0.24 0.00	34.72 0.32 0.00	30.89 0.31 0.00	30.21 0.33 0.00	34.56 0.40 0.00	34.98 0.42 0.00	34.54 0.35 0.00	33.08 0.32 0.00	41.87 0.27 0.00	39.97 0.23 0.00	41.67 0.13 0.00	43.94 0.23 0.00	42.59 0.23 0.00	42.33 0.20 0.00	41.78 0.18 0.00	47.47 0.09 0.00	49.91 -0.16 0.00	57.69 -0.04 0.00	45.59 0.10 0.00	41.56 0.24 0.00	50.47 0.46 0.00	52.81 0.53 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.92 1.17 0.00	34.80 1.25 0.00	30.97 1.10 0.00	35.62 1.23 0.00	31.65 1.08 0.00	30.89 1.01 0.00	35.37 1.21 0.00	35.82 1.26 0.00	35.40 1.20 0.00	33.82 1.05 0.00	42.92 1.33 0.00	41.04 1.30 0.00	43.03 1.49 0.00	45.28 1.57 0.00	43.94 1.59 0.00	43.67 1.54 0.00	42.87 1.27 0.00	48.94 1.56 0.00	52.02 1.94 0.00	59.74 2.01 0.00	47.01 1.53 0.00	42.62 1.31 0.00	51.32 1.31 0.00	53.52 1.25 0.00
SWANROAD_115KV_TB1 355699	28.41 -3.54 0.81	29.52 -4.03 0.00	26.25 -3.61 0.00	30.46 -3.93 0.00	26.79 -3.78 0.00	26.41 -3.47 0.00	30.20 -3.96 0.00	30.16 -4.37 0.03	30.13 -4.06 0.00	28.89 -3.58 0.30	32.81 -4.40 4.38	33.12 -4.52 2.10	31.95 -4.65 4.94	36.84 -4.90 1.97	35.84 -5.08 1.44	36.97 -5.13 0.03	35.86 -4.78 0.96	37.44 -5.76 4.18	36.93 -6.42 6.73	44.99 -6.70 6.04	35.49 -5.37 4.63	36.42 -4.86 0.03	44.45 -5.56 0.00	47.18 -5.10 0.00
SYNERGY___BIOGAS 323694	29.99 -2.07 0.70	31.06 -2.49 0.00	27.63 -2.24 0.00	32.00 -2.39 0.00	28.22 -2.35 0.00	27.80 -2.07 0.00	31.86 -2.29 0.00	32.04 -2.50 0.02	32.05 -2.14 0.00	30.77 -1.79 0.20	36.24 -2.41 2.94	35.66 -2.67 1.41	35.34 -2.89 3.31	39.48 -2.92 1.32	38.33 -3.04 0.98	39.22 -2.88 0.02	38.47 -2.49 0.65	41.63 -2.92 2.84	42.33 -3.18 4.56	50.48 -3.14 4.10	39.70 -2.64 3.15	38.88 -2.41 0.02	47.25 -2.76 0.00	49.91 -2.36 0.00
SYRACUSE___ENERGY_ST1 323597	32.20 -0.56 0.00	32.94 -0.61 0.00	29.33 -0.53 0.00	33.78 -0.62 0.00	30.01 -0.56 0.00	29.37 -0.51 0.00	33.51 -0.64 0.00	33.94 -0.62 0.00	33.68 -0.52 0.00	32.36 -0.41 0.00	41.04 -0.55 0.00	39.14 -0.60 0.00	40.92 -0.62 0.00	43.08 -0.63 0.00	41.65 -0.70 0.00	41.51 -0.62 0.00	41.16 -0.44 0.00	46.88 -0.50 0.00	49.56 -0.52 0.00	57.20 -0.53 0.00	44.99 -0.50 0.00	40.82 -0.49 0.00	49.36 -0.65 0.00	51.63 -0.64 0.00
SYRACUSE___ENERGY_ST2 323598	32.20 -0.56 0.00	32.94 -0.61 0.00	29.33 -0.53 0.00	33.78 -0.62 0.00	30.01 -0.56 0.00	29.37 -0.51 0.00	33.51 -0.64 0.00	33.94 -0.62 0.00	33.68 -0.52 0.00	32.36 -0.41 0.00	41.04 -0.55 0.00	39.14 -0.60 0.00	40.92 -0.62 0.00	43.08 -0.63 0.00	41.65 -0.70 0.00	41.51 -0.62 0.00	41.16 -0.44 0.00	46.88 -0.50 0.00	49.56 -0.52 0.00	57.20 -0.53 0.00	44.99 -0.50 0.00	40.82 -0.49 0.00	49.36 -0.65 0.00	51.63 -0.64 0.00
SYRACUSE___POWER 24017	32.34 -0.65 -0.23	32.85 -0.71 0.00	29.26 -0.61 0.00	33.68 -0.71 0.00	29.92 -0.65 0.00	29.28 -0.60 0.00	33.41 -0.75 0.00	33.82 -0.74 0.00	33.55 -0.64 0.00	32.26 -0.52 0.00	40.92 -0.67 0.00	39.05 -0.69 0.00	40.84 -0.71 0.00	42.98 -0.73 0.00	41.60 -0.78 -0.03	41.42 -0.71 0.00	41.03 -0.57 0.00	46.70 -0.68 0.00	49.37 -0.71 0.00	56.98 -0.75 0.00	44.81 -0.67 0.00	40.66 -0.65 0.00	49.16 -0.84 0.00	51.42 -0.86 0.00
TALLMAN___138KV_BK151 55660	34.06 1.30 0.00	34.94 1.39 0.00	31.08 1.22 0.00	35.75 1.36 0.00	31.77 1.19 0.00	31.01 1.13 0.00	35.50 1.35 0.00	35.94 1.37 0.00	35.51 1.32 0.00	33.94 1.17 0.00	43.07 1.48 0.00	41.18 1.44 0.00	43.16 1.62 0.00	45.39 1.68 0.00	44.07 1.72 0.00	43.78 1.65 0.00	42.92 1.33 0.00	48.99 1.61 0.00	52.15 2.07 0.00	59.85 2.12 0.00	47.10 1.61 0.00	42.66 1.35 0.00	51.34 1.33 0.00	53.51 1.24 0.00
TEALLAVE_115KV_TB7 355573	31.92 -0.84 0.00	32.66 -0.89 0.00	29.10 -0.77 0.00	33.48 -0.91 0.00	29.74 -0.83 0.00	29.11 -0.77 0.00	33.21 -0.94 0.00	33.61 -0.95 0.00	33.35 -0.84 0.00	32.06 -0.71 0.00	40.66 -0.93 0.00	38.81 -0.93 0.00	40.57 -0.97 0.00	42.71 -1.00 0.00	41.32 -1.03 0.00	41.16 -0.97 0.00	40.76 -0.84 0.00	46.36 -1.02 0.00	49.01 -1.07 0.00	56.54 -1.19 0.00	44.48 -1.01 0.00	40.36 -0.95 0.00	48.82 -1.19 0.00	51.06 -1.21 0.00
TELGRAPH_34_KV_EAST 80808	29.19 -2.82 0.75	30.29 -3.26 0.00	26.94 -2.92 0.00	31.24 -3.15 0.00	27.50 -3.07 0.00	27.11 -2.77 0.00	31.03 -3.13 0.00	31.11 -3.43 0.03	31.09 -3.10 0.00	29.84 -2.68 0.25	34.49 -3.44 3.66	34.43 -3.56 1.76	33.70 -3.72 4.13	38.24 -3.82 1.64	37.16 -3.98 1.21	38.15 -3.95 0.03	37.19 -3.60 0.80	39.45 -4.40 3.53	39.48 -4.92 5.68	47.58 -5.05 5.11	37.49 -4.08 3.92	37.62 -3.66 0.03	45.85 -4.16 0.00	48.55 -3.73 0.00
TEMPLE___115KV_TB 2 55572	31.92 -0.84 0.00	32.66 -0.89 0.00	29.10 -0.77 0.00	33.48 -0.91 0.00	29.74 -0.83 0.00	29.11 -0.77 0.00	33.21 -0.95 0.00	33.61 -0.96 0.00	33.34 -0.85 0.00	32.06 -0.71 0.00	40.66 -0.94 0.00	38.81 -0.93 0.00	40.58 -0.97 0.00	42.71 -1.00 0.00	41.33 -1.03 0.00	41.16 -0.97 0.00	40.76 -0.84 0.00	46.36 -1.01 0.00	49.01 -1.07 0.00	56.55 -1.19 0.00	44.48 -1.01 0.00	40.36 -0.95 0.00	48.82 -1.19 0.00	51.06 -1.22 0.00
TIANA____69_KV_BK 1 55817	37.33 2.02 -2.55	35.92 2.37 0.00	31.95 2.08 0.00	36.77 2.37 0.00	32.67 2.10 0.00	31.85 1.97 0.00	36.51 2.36 0.00	36.98 2.42 0.00	36.72 2.52 0.00	34.80 2.03 0.00	44.18 2.59 0.00	42.56 2.82 0.00	44.31 2.77 0.00	46.02 2.31 0.00	48.82 2.68 -3.79	90.85 2.96 -45.76	43.98 2.37 0.00	50.72 3.34 0.00	54.11 4.03 0.00	62.15 4.42 0.00	48.80 3.31 0.00	44.08 2.77 0.00	52.94 2.93 0.00	55.14 2.87 0.00
TILDEN___115KV_TB1 80814	32.34 -0.65 -0.23	32.85 -0.71 0.00	29.26 -0.61 0.00	33.68 -0.71 0.00	29.92 -0.65 0.00	29.28 -0.60 0.00	33.41 -0.75 0.00	33.82 -0.74 0.00	33.55 -0.64 0.00	32.26 -0.52 0.00	40.92 -0.67 0.00	39.05 -0.69 0.00	40.84 -0.71 0.00	42.98 -0.73 0.00	41.60 -0.78 -0.03	41.42 -0.71 0.00	41.03 -0.57 0.00	46.70 -0.68 0.00	49.37 -0.71 0.00	56.98 -0.75 0.00	44.81 -0.67 0.00	40.66 -0.65 0.00	49.16 -0.84 0.00	51.42 -0.86 0.00

TRIGEN___CC 323695	37.16 1.85 -2.55	35.51 1.95 0.00	31.58 1.71 0.00	36.31 1.92 0.00	32.27 1.70 0.00	31.49 1.61 0.00	36.08 1.93 0.00	36.53 1.96 0.00	36.20 2.01 0.00	34.45 1.68 0.00	43.93 2.34 0.00	42.05 2.31 0.00	43.88 2.34 0.00	46.00 2.29 0.00	48.70 2.56 -3.79	90.49 2.60 -45.76	43.72 2.12 0.00	49.97 2.59 0.00	53.11 3.03 0.00	60.96 3.23 0.00	47.92 2.43 0.00	43.37 2.06 0.00	52.12 2.11 0.00	54.34 2.07 0.00
TRINITY___115KV___4 BK 55933	33.47 0.71 0.00	34.40 0.85 0.00	30.64 0.78 0.00	35.25 0.86 0.00	31.34 0.76 0.00	30.59 0.72 0.00	35.08 0.92 0.00	35.48 0.91 0.00	35.05 0.86 0.00	33.50 0.73 0.00	42.91 1.32 0.00	41.07 1.33 0.00	43.03 1.48 0.00	45.25 1.54 0.00	43.89 1.54 0.00	43.64 1.51 0.00	43.00 1.40 0.00	49.00 1.62 0.00	51.83 1.75 0.00	59.58 1.85 0.00	46.99 1.51 0.00	42.61 1.30 0.00	51.58 1.58 0.00	53.81 1.53 0.00
UNION___PROCESSING_DRP 323587	30.19 -2.03 0.53	31.24 -2.32 0.00	27.80 -2.07 0.00	32.12 -2.28 0.00	28.40 -2.18 0.00	27.90 -1.98 0.00	31.91 -2.25 0.00	32.24 -2.32 0.00	32.13 -2.07 0.00	31.00 -1.77 0.00	39.13 -2.46 0.00	37.33 -2.41 0.00	38.93 -2.61 0.00	41.11 -2.60 0.00	39.63 -2.65 0.07	39.56 -2.57 0.00	39.27 -2.34 0.00	44.48 -2.90 -0.01	46.85 -3.24 -0.01	54.33 -3.41 -0.01	42.75 -2.75 -0.01	38.91 -2.41 0.00	47.24 -2.77 0.00	49.71 -2.57 0.00
UPPER HUDSON___HYD 24058	35.41 2.65 0.00	36.50 2.95 0.00	32.49 2.62 0.00	37.37 2.98 0.00	33.21 2.63 0.00	32.49 2.61 0.00	37.32 3.17 0.00	37.90 3.34 0.00	37.49 3.30 0.00	35.76 2.99 0.00	45.53 3.94 0.00	43.74 4.00 0.00	45.89 4.35 0.00	48.17 4.46 0.00	46.52 4.17 0.00	46.19 4.06 0.00	45.73 4.13 0.00	52.41 5.04 0.00	55.55 5.47 0.00	63.91 6.18 0.00	50.23 4.74 0.00	45.63 4.32 0.00	55.32 5.32 0.00	57.71 5.43 0.00
UPPER RAQUET___HYD 24056	33.72 0.96 0.00	34.38 0.83 0.00	30.55 0.68 0.00	35.24 0.84 0.00	31.36 0.79 0.00	30.58 0.70 0.00	34.82 0.67 0.00	35.27 0.71 0.00	34.82 0.63 0.00	33.40 0.63 0.00	42.44 0.85 0.00	40.41 0.67 0.00	42.03 0.48 0.00	44.53 0.82 0.00	43.24 0.89 0.00	42.99 0.86 0.00	42.42 0.82 0.00	47.99 0.61 0.00	50.07 0.00 0.00	58.18 0.45 0.00	46.10 0.61 0.00	42.19 0.88 0.00	51.51 1.50 0.00	54.08 1.80 0.00
VALLEY44_115KV_TB2 355964	29.81 -1.81 1.13	31.51 -2.04 0.00	28.04 -1.83 0.00	32.62 -1.77 0.00	28.73 -1.84 0.00	28.21 -1.67 0.00	32.16 -2.00 0.00	32.32 -2.23 0.02	32.19 -2.01 0.00	31.00 -1.61 0.16	37.28 -1.93 2.38	36.61 -1.99 1.14	36.99 -1.87 2.68	40.57 -2.07 1.07	38.81 -2.67 0.87	39.31 -2.80 0.02	38.75 -2.33 0.52	42.42 -2.64 2.32	43.46 -2.88 3.73	51.52 -2.85 3.36	40.48 -2.43 2.58	38.99 -2.31 0.02	47.43 -2.58 0.00	50.28 -2.00 0.00
VALLEY___115KV_TB 1-4 80826	32.92 0.17 0.00	33.86 0.31 0.00	30.13 0.26 0.00	34.56 0.17 0.00	30.72 0.14 0.00	30.02 0.14 0.00	34.36 0.21 0.00	34.60 0.04 0.00	34.30 0.11 0.00	32.63 -0.14 0.00	41.59 0.00 0.00	39.95 0.21 0.00	41.65 0.11 0.00	43.48 -0.23 0.00	42.36 0.01 0.00	42.04 -0.09 0.00	41.73 0.14 0.00	47.80 0.42 0.00	50.67 0.59 0.00	58.25 0.52 0.00	45.87 0.38 0.00	41.59 0.28 0.00	50.29 0.28 0.00	52.46 0.19 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	34.31 1.56 0.00	35.19 1.64 0.00	31.28 1.41 0.00	36.03 1.63 0.00	31.97 1.40 0.00	31.23 1.35 0.00	35.73 1.57 0.00	36.23 1.67 0.00	35.94 1.75 0.00	34.41 1.63 0.00	43.62 2.03 0.00	41.58 1.84 0.00	43.64 2.09 0.00	46.06 2.35 0.00	44.60 2.25 0.00	44.46 2.33 0.00	44.04 2.44 0.00	50.31 2.93 0.00	53.28 3.20 0.00	61.44 3.71 0.00	48.38 2.89 0.00	43.90 2.59 0.00	53.03 3.02 0.00	55.41 3.14 0.00
VISCHER___FERRY HYD 24020	33.93 1.17 0.00	34.88 1.33 0.00	31.07 1.20 0.00	35.74 1.35 0.00	31.76 1.19 0.00	31.03 1.15 0.00	35.60 1.44 0.00	36.02 1.45 0.00	35.59 1.40 0.00	34.00 1.23 0.00	43.38 1.79 0.00	41.55 1.81 0.00	43.54 2.00 0.00	45.75 2.04 0.00	44.34 1.99 0.00	44.08 1.95 0.00	43.46 1.86 0.00	49.60 2.23 0.00	52.47 2.40 0.00	60.35 2.62 0.00	47.46 1.98 0.00	43.07 1.76 0.00	52.19 2.18 0.00	54.44 2.17 0.00
V_A_10_SYNC_DSASP 323832	29.08 -3.02 0.66	30.15 -3.40 0.00	26.83 -3.03 0.00	31.09 -3.30 0.00	27.39 -3.18 0.00	26.96 -2.92 0.00	30.82 -3.33 0.00	31.02 -3.52 0.02	30.95 -3.24 0.00	29.73 -2.85 0.20	34.94 -3.79 2.86	34.67 -3.70 1.37	34.38 -3.94 3.23	38.44 -3.98 1.29	37.28 -4.12 0.95	38.02 -4.09 0.02	37.14 -3.83 0.63	39.79 -4.75 2.84	40.22 -5.30 4.56	47.99 -5.63 4.11	37.83 -4.50 3.16	37.35 -3.94 0.02	45.52 -4.48 0.00	48.14 -4.14 0.00
V_CMM_10_SYNC_DSASP 323787	33.36 0.60 0.00	34.07 0.52 0.00	30.29 0.42 0.00	34.95 0.55 0.00	31.09 0.51 0.00	30.40 0.52 0.00	34.77 0.61 0.00	35.20 0.63 0.00	34.75 0.56 0.00	33.30 0.52 0.00	42.14 0.54 0.00	40.22 0.48 0.00	41.93 0.38 0.00	44.21 0.50 0.00	42.86 0.47 0.00	42.60 0.47 0.00	42.05 0.45 0.00	47.76 0.38 0.00	50.15 0.07 0.00	57.82 0.09 0.00	45.71 0.22 0.00	41.68 0.37 0.00	50.77 0.76 0.00	53.14 0.87 0.00
V_CMP_10_SYNC_DSASP 323788	32.91 0.15 0.00	33.42 -0.13 0.00	29.72 -0.14 0.00	34.03 -0.36 0.00	30.34 -0.23 0.00	29.77 -0.10 0.00	34.19 0.04 0.00	34.89 0.32 0.00	34.40 0.21 0.00	32.76 -0.01 0.00	40.95 -0.64 0.00	-10.34 -0.89 49.19	-5.14 -1.11 45.57	-10.05 -1.10 52.66	-15.30 -1.09 56.57	-15.00 -1.00 56.12	-4.75 -0.97 45.37	-4.38 -1.32 50.44	-20.19 -1.59 68.68	-19.95 -1.66 76.03	38.51 -1.03 5.95	40.64 -0.67 0.00	42.16 -0.83 7.02	-4.89 -1.04 56.13
V_D_10_SYNC_DSASP 323841	33.68 0.92 0.00	34.39 0.84 0.00	30.58 0.71 0.00	35.26 0.87 0.00	31.38 0.81 0.00	30.67 0.79 0.00	35.07 0.91 0.00	35.49 0.93 0.00	35.04 0.84 0.00	33.56 0.79 0.00	42.51 0.92 0.00	40.55 0.81 0.00	42.26 0.72 0.00	44.61 0.90 0.00	43.25 0.90 0.00	42.99 0.86 0.00	42.45 0.85 0.00	48.17 0.79 0.00	50.40 0.32 0.00	58.43 0.70 0.00	46.26 0.77 0.00	42.23 0.92 0.00	51.32 1.32 0.00	53.74 1.46 0.00
V_E_10_SYNC_DSASP 323830	34.12 -0.04 -1.40	33.40 -0.15 0.00	29.82 -0.05 0.00	34.43 0.04 0.00	30.66 0.08 0.00	30.12 0.24 0.00	34.77 0.61 0.00	35.51 0.94 -0.01	35.68 1.49 0.00	33.85 1.02 -0.07	43.50 0.94 -0.96	40.94 0.74 -0.46	43.31 0.69 -1.08	44.76 0.62 -0.43	43.11 0.28 -0.47	42.68 0.54 -0.01	42.80 0.99 -0.21	49.82 1.49 -0.95	53.11 1.51 -1.52	60.86 1.76 -1.37	47.86 1.32 -1.05	42.26 0.94 -0.01	51.11 1.10 0.00	53.21 0.93 0.00
V_F_30_NSYNC___DSASP 323816	34.69 1.94 0.00	35.67 2.12 0.00	31.76 1.89 0.00	36.54 2.15 0.00	32.47 1.90 0.00	31.74 1.87 0.00	36.43 2.28 0.00	36.89 2.33 0.00	36.42 2.23 0.00	34.79 2.02 0.00	44.37 2.77 0.00	42.57 2.83 0.00	44.64 3.10 0.00	46.85 3.14 0.00	45.36 3.01 0.00	45.07 2.94 0.00	44.52 2.92 0.00	50.96 3.58 0.00	53.94 3.86 0.00	62.07 4.35 0.00	48.80 3.31 0.00	44.27 2.96 0.00	53.63 3.62 0.00	55.99 3.71 0.00

V_F_30_SYNC_DSASP 323786	33.54 0.78 0.00	34.46 0.91 0.00	30.69 0.82 0.00	35.31 0.91 0.00	31.38 0.80 0.00	30.63 0.75 0.00	35.13 0.97 0.00	35.54 0.98 0.00	35.10 0.90 0.00	33.55 0.78 0.00	43.01 1.42 0.00	41.15 1.41 0.00	43.12 1.57 0.00	45.33 1.63 0.00	43.98 1.63 0.00	43.74 1.61 0.00	43.10 1.50 0.00	49.13 1.75 0.00	51.96 1.88 0.00	59.74 2.01 0.00	47.13 1.64 0.00	42.71 1.40 0.00	51.70 1.69 0.00	53.93 1.66 0.00
V_XM_10_SYNC_DSASP 323789	32.91 0.15 0.00	33.42 -0.13 0.00	29.72 -0.14 0.00	34.03 -0.36 0.00	30.34 -0.23 0.00	29.77 -0.10 0.00	34.19 0.04 0.00	34.89 0.32 0.00	34.40 0.21 0.00	32.76 -0.01 0.00	40.95 -0.64 0.00	-10.34 -0.89 49.19	-5.14 -1.11 45.57	-10.05 -1.10 52.66	-15.30 -1.09 56.57	-15.00 -1.00 56.12	-4.75 -0.97 45.37	-4.38 -1.32 50.44	-20.19 -1.59 68.68	-19.95 -1.66 76.03	38.51 -1.03 5.95	40.64 -0.67 0.00	42.16 -0.83 7.02	-4.89 -1.04 56.13
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	34.17 1.41 0.00	35.05 1.50 0.00	31.18 1.32 0.00	35.87 1.48 0.00	31.87 1.29 0.00	31.10 1.22 0.00	35.61 1.46 0.00	36.07 1.50 0.00	35.64 1.45 0.00	34.06 1.29 0.00	43.23 1.64 0.00	41.34 1.59 0.00	43.33 1.79 0.00	45.56 1.85 0.00	44.24 1.89 0.00	43.95 1.82 0.00	43.09 1.49 0.00	49.17 1.79 0.00	52.35 2.27 0.00	60.08 2.35 0.00	47.29 1.80 0.00	42.83 1.52 0.00	51.53 1.53 0.00	53.69 1.42 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	34.37 1.61 0.00	35.21 1.66 0.00	31.32 1.45 0.00	36.00 1.61 0.00	31.99 1.42 0.00	31.23 1.35 0.00	35.76 1.61 0.00	36.24 1.68 0.00	35.85 1.66 0.00	34.27 1.50 0.00	43.57 1.98 0.00	41.73 1.99 0.00	43.69 2.15 0.00	45.92 2.21 0.00	44.62 2.27 0.00	44.29 2.17 0.00	43.36 1.76 0.00	49.44 2.06 0.00	52.51 2.43 0.00	60.21 2.48 0.00	47.40 1.91 0.00	42.96 1.65 0.00	51.73 1.72 0.00	53.88 1.61 0.00
W50THST__13_KV_LOAD 356117	34.47 1.72 0.00	35.32 1.77 0.00	31.42 1.55 0.00	36.11 1.72 0.00	32.10 1.52 0.00	31.34 1.46 0.00	35.88 1.73 0.00	36.37 1.80 0.00	35.99 1.79 0.00	34.41 1.64 0.00	43.81 2.22 0.00	42.00 2.26 0.00	43.98 2.44 0.00	46.21 2.50 0.00	44.88 2.53 0.00	44.55 2.41 0.00	43.52 1.92 0.00	49.60 2.22 0.00	52.66 2.58 0.00	60.39 2.66 0.00	47.54 2.06 0.00	43.07 1.76 0.00	51.91 1.90 0.00	54.05 1.78 0.00
WADING RIVER_IC_1 23522	37.28 1.97 -2.55	35.92 2.37 0.00	31.95 2.08 0.00	36.77 2.38 0.00	32.67 2.10 0.00	31.84 1.96 0.00	36.50 2.34 0.00	36.95 2.39 0.00	36.69 2.50 0.00	34.81 2.04 0.00	44.14 2.55 0.00	42.52 2.78 0.00	44.28 2.74 0.00	46.03 2.32 0.00	48.83 2.69 -3.79	90.88 2.99 -45.76	43.88 2.28 0.00	50.67 3.29 0.00	54.02 3.95 0.00	62.06 4.33 0.00	48.73 3.25 0.00	44.02 2.71 0.00	52.86 2.85 0.00	55.07 2.80 0.00
WADING RIVER_IC_2 23547	37.28 1.97 -2.55	35.92 2.37 0.00	31.95 2.08 0.00	36.77 2.38 0.00	32.67 2.10 0.00	31.84 1.96 0.00	36.50 2.34 0.00	36.95 2.39 0.00	36.69 2.50 0.00	34.81 2.04 0.00	44.14 2.55 0.00	42.52 2.78 0.00	44.28 2.74 0.00	46.03 2.32 0.00	48.83 2.69 -3.79	90.88 2.99 -45.76	43.88 2.28 0.00	50.67 3.29 0.00	54.02 3.95 0.00	62.06 4.33 0.00	48.73 3.25 0.00	44.02 2.71 0.00	52.86 2.85 0.00	55.07 2.80 0.00
WADING RIVER_IC_3 23601	37.28 1.97 -2.55	35.92 2.37 0.00	31.95 2.08 0.00	36.77 2.38 0.00	32.67 2.10 0.00	31.84 1.96 0.00	36.50 2.34 0.00	36.95 2.39 0.00	36.69 2.50 0.00	34.81 2.04 0.00	44.14 2.55 0.00	42.52 2.78 0.00	44.28 2.74 0.00	46.03 2.32 0.00	48.83 2.69 -3.79	90.88 2.99 -45.76	43.88 2.28 0.00	50.67 3.29 0.00	54.02 3.95 0.00	62.06 4.33 0.00	48.73 3.25 0.00	44.02 2.71 0.00	52.86 2.85 0.00	55.07 2.80 0.00
WALDENNY_12_KV_BK2 80841	29.12 -2.71 0.93	30.44 -3.11 0.00	27.07 -2.79 0.00	31.41 -2.98 0.00	27.62 -2.95 0.00	27.21 -2.67 0.00	31.13 -3.02 0.00	31.28 -3.25 0.04	31.22 -2.97 0.00	29.85 -2.53 0.39	32.67 -3.28 5.64	33.68 -3.35 2.71	31.73 -3.46 6.36	37.64 -3.53 2.53	36.72 -3.80 1.83	38.29 -3.79 0.04	36.95 -3.41 1.24	37.67 -4.20 5.51	36.49 -4.73 8.86	44.93 -4.83 7.98	35.48 -3.88 6.12	37.86 -3.41 0.04	46.19 -3.82 0.00	48.94 -3.34 0.00
WALDEN__HYDRO 24148	34.11 1.35 0.00	34.97 1.42 0.00	31.12 1.25 0.00	35.78 1.39 0.00	31.79 1.22 0.00	31.04 1.16 0.00	35.56 1.40 0.00	36.03 1.46 0.00	35.59 1.40 0.00	33.99 1.22 0.00	43.12 1.53 0.00	41.25 1.51 0.00	43.29 1.75 0.00	45.56 1.85 0.00	44.18 1.84 0.00	43.93 1.80 0.00	43.14 1.53 0.00	49.28 1.90 0.00	52.42 2.34 0.00	60.20 2.48 0.00	47.38 1.89 0.00	42.94 1.64 0.00	51.72 1.71 0.00	53.94 1.67 0.00
WARRENSBURG____ 23737	35.41 2.65 0.00	36.50 2.95 0.00	32.49 2.62 0.00	37.37 2.98 0.00	33.21 2.64 0.00	32.49 2.61 0.00	37.32 3.17 0.00	37.90 3.34 0.00	37.49 3.30 0.00	35.77 2.99 0.00	45.53 3.94 0.00	43.74 4.00 0.00	45.89 4.35 0.00	48.17 4.46 0.00	46.52 4.17 0.00	46.19 4.06 0.00	45.73 4.13 0.00	52.41 5.03 0.00	55.54 5.46 0.00	63.90 6.17 0.00	50.23 4.74 0.00	45.63 4.32 0.00	55.32 5.32 0.00	57.71 5.44 0.00
WATERSIDE____6 8 9 23538	29.90 1.73 4.59	31.48 1.77 3.84	27.88 1.56 3.54	32.43 1.72 3.68	28.77 1.52 3.32	27.96 1.46 3.38	32.02 1.73 3.87	32.60 1.79 3.76	32.66 1.81 3.35	-77.36 1.63 111.76	39.06 2.12 4.66	38.11 2.03 3.67	40.72 2.22 3.04	43.39 2.27 2.59	40.67 2.40 4.08	41.26 2.29 3.16	40.28 1.98 3.30	46.49 2.29 3.17	51.08 2.66 1.66	60.28 2.71 0.16	45.07 2.12 2.54	39.31 1.83 3.84	50.51 1.87 1.37	49.70 1.78 4.35
WATKINRD_115KV_LN8_ILLION 55919	32.93 0.18 0.00	33.83 0.28 0.00	30.11 0.25 0.00	34.59 0.19 0.00	30.75 0.18 0.00	30.03 0.15 0.00	34.38 0.22 0.00	34.68 0.12 0.00	34.31 0.12 0.00	32.75 -0.02 0.00	41.69 0.10 0.00	40.02 0.27 0.00	41.78 0.24 0.00	43.68 -0.03 0.00	42.47 0.12 0.00	42.21 0.08 0.00	41.84 0.24 0.00	47.87 0.49 0.00	50.75 0.68 0.00	58.37 0.65 0.00	45.95 0.46 0.00	41.67 0.36 0.00	50.39 0.38 0.00	52.58 0.31 0.00
WATSON__69_KV_BK 1 55734	37.77 2.45 -2.55	36.21 2.66 0.00	32.19 2.32 0.00	37.03 2.63 0.00	32.90 2.33 0.00	32.10 2.22 0.00	36.79 2.64 0.00	37.25 2.69 0.00	36.99 2.79 0.00	35.11 2.34 0.00	44.70 3.11 0.00	42.90 3.16 0.00	44.62 3.08 0.00	46.52 2.82 0.00	49.31 3.17 -3.79	91.41 3.51 -45.76	44.50 2.90 0.00	51.06 3.68 0.00	54.42 4.34 0.00	62.51 4.78 0.00	49.10 3.61 0.00	44.36 3.05 0.00	53.28 3.27 0.00	55.53 3.25 0.00
WDELAWARE__HYD 323627	33.81 1.06 0.00	34.60 1.05 0.00	30.77 0.90 0.00	35.40 1.01 0.00	31.45 0.88 0.00	30.74 0.86 0.00	35.19 1.04 0.00	35.65 1.09 0.00	35.21 1.01 0.00	33.59 0.82 0.00	42.53 0.94 0.00	40.86 1.12 0.00	42.90 1.36 0.00	45.03 1.32 0.00	43.68 1.33 0.00	43.47 1.34 0.00	42.66 1.06 0.00	48.90 1.52 0.00	52.07 1.99 0.00	59.85 2.12 0.00	47.09 1.60 0.00	42.68 1.37 0.00	51.38 1.37 0.00	53.59 1.32 0.00

WEST BABYLON___IC 23714	37.64 2.33 -2.55	36.06 2.51 0.00	32.05 2.18 0.00	36.87 2.48 0.00	32.77 2.20 0.00	31.97 2.09 0.00	36.64 2.49 0.00	37.09 2.52 0.00	36.81 2.62 0.00	34.96 2.19 0.00	44.55 2.96 0.00	42.69 2.95 0.00	44.40 2.86 0.00	46.38 2.68 0.00	49.17 3.03 -3.79	91.20 3.31 -45.76	44.30 2.69 0.00	50.77 3.39 0.00	54.08 4.01 0.00	62.12 4.39 0.00	48.80 3.31 0.00	44.12 2.81 0.00	52.99 2.98 0.00	55.22 2.95 0.00
WEST CANADA___HYD 24049	32.78 0.02 0.00	33.62 0.07 0.00	29.93 0.06 0.00	34.42 0.03 0.00	30.61 0.04 0.00	29.91 0.03 0.00	34.21 0.05 0.00	34.60 0.03 0.00	34.23 0.04 0.00	32.81 0.04 0.00	41.67 0.07 0.00	39.84 0.10 0.00	41.67 0.13 0.00	43.80 0.09 0.00	42.44 0.09 0.00	42.22 0.09 0.00	41.70 0.10 0.00	47.57 0.19 0.00	50.37 0.29 0.00	58.02 0.29 0.00	45.70 0.21 0.00	41.45 0.14 0.00	50.15 0.15 0.00	52.39 0.12 0.00
WESTERN_NY_WIND 24143	29.92 -2.13 0.71	31.01 -2.54 0.00	27.58 -2.29 0.00	31.95 -2.44 0.00	28.17 -2.41 0.00	27.76 -2.13 0.00	31.80 -2.35 0.00	31.98 -2.57 0.02	31.99 -2.21 0.00	30.70 -1.86 0.22	35.91 -2.51 3.17	35.46 -2.77 1.52	35.00 -2.98 3.57	39.29 -3.00 1.42	38.18 -3.12 1.05	39.12 -2.99 0.03	38.32 -2.58 0.70	41.25 -3.07 3.06	41.73 -3.43 4.91	49.94 -3.37 4.42	39.30 -2.80 3.39	38.79 -2.50 0.02	47.16 -2.85 0.00	49.82 -2.46 0.00
WESTOVER___LESR 323668	31.55 -0.75 0.46	32.78 -0.78 0.00	29.18 -0.69 0.00	33.71 -0.68 0.00	29.88 -0.70 0.00	29.21 -0.66 0.00	33.37 -0.78 0.00	33.79 -0.78 0.00	33.51 -0.68 0.00	32.21 -0.56 0.00	40.93 -0.66 0.00	39.03 -0.71 0.00	40.92 -0.62 0.00	43.02 -0.69 0.00	41.36 -0.93 0.06	41.20 -0.93 0.00	40.89 -0.71 0.00	46.60 -0.78 0.00	49.26 -0.82 0.00	56.93 -0.80 0.00	44.75 -0.74 0.00	40.61 -0.70 0.00	49.07 -0.94 0.00	51.40 -0.88 0.00
WETHRSFD_WT_PWR 323626	28.19 -3.31 1.25	29.98 -3.57 0.00	26.68 -3.19 0.00	30.90 -3.49 0.00	27.19 -3.38 0.00	26.67 -3.20 0.00	30.54 -3.61 0.00	30.53 -3.88 0.15	30.49 -3.71 0.00	28.12 -3.28 1.37	17.38 -4.31 19.90	25.79 -4.40 9.55	14.58 -4.54 22.43	30.01 -4.77 8.94	31.18 -4.96 6.20	37.13 -4.86 0.15	32.86 -4.37 4.38	22.79 -4.98 19.61	13.19 -5.40 31.49	23.59 -5.77 28.36	18.98 -4.71 21.80	37.12 -4.04 0.14	45.43 -4.58 0.00	48.21 -4.06 0.00
WHAVSTOR_138KV_BK127 55557	34.02 1.27 0.00	34.90 1.35 0.00	31.06 1.19 0.00	35.71 1.32 0.00	31.74 1.16 0.00	30.98 1.10 0.00	35.45 1.29 0.00	35.90 1.34 0.00	35.47 1.28 0.00	33.91 1.15 0.00	43.05 1.46 0.00	41.16 1.42 0.00	43.13 1.59 0.00	45.35 1.64 0.00	44.04 1.69 0.00	43.76 1.63 0.00	42.88 1.28 0.00	48.93 1.55 0.00	52.08 2.01 0.00	59.75 2.02 0.00	47.03 1.55 0.00	42.59 1.28 0.00	51.28 1.27 0.00	53.44 1.16 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	34.02 1.27 0.00	34.90 1.35 0.00	31.06 1.19 0.00	35.71 1.32 0.00	31.74 1.16 0.00	30.98 1.10 0.00	35.45 1.29 0.00	35.90 1.34 0.00	35.47 1.28 0.00	33.91 1.15 0.00	43.05 1.46 0.00	41.16 1.42 0.00	43.13 1.59 0.00	45.35 1.64 0.00	44.04 1.69 0.00	43.76 1.63 0.00	42.88 1.28 0.00	48.93 1.55 0.00	52.08 2.01 0.00	59.75 2.02 0.00	47.03 1.55 0.00	42.59 1.28 0.00	51.28 1.27 0.00	53.44 1.16 0.00
WHITEHAL_115KV_TB1 80871	35.75 2.99 0.00	36.93 3.39 0.00	32.89 3.02 0.00	37.78 3.39 0.00	33.50 2.93 0.00	32.80 2.92 0.00	37.74 3.59 0.00	38.58 4.02 0.00	38.39 4.19 0.00	36.59 3.82 0.00	46.48 4.89 0.00	44.67 4.93 0.00	46.89 5.34 0.00	49.28 5.57 0.00	47.27 4.92 0.00	46.92 4.79 0.00	46.62 5.02 0.00	53.15 5.77 0.00	56.51 6.44 0.00	65.20 7.47 0.00	51.29 5.81 0.00	46.61 5.30 0.00	56.84 6.83 0.00	59.25 6.98 0.00
WHITEPLN_13_KV_LOAD 356215	34.57 1.81 0.00	35.38 1.83 0.00	31.46 1.59 0.00	36.17 1.78 0.00	32.14 1.57 0.00	31.37 1.50 0.00	35.95 1.80 0.00	36.44 1.88 0.00	36.05 1.86 0.00	34.43 1.66 0.00	43.75 2.16 0.00	41.85 2.11 0.00	43.82 2.27 0.00	46.07 2.36 0.00	44.77 2.42 0.00	44.49 2.36 0.00	43.66 2.06 0.00	49.85 2.47 0.00	52.99 2.91 0.00	60.80 3.07 0.00	47.84 2.35 0.00	43.35 2.04 0.00	52.19 2.19 0.00	54.40 2.13 0.00
WM_FLOYD_69_KV_BK2 356380	37.42 2.11 -2.55	35.98 2.43 0.00	32.00 2.13 0.00	36.82 2.42 0.00	32.71 2.14 0.00	31.89 2.01 0.00	36.55 2.39 0.00	37.01 2.44 0.00	36.74 2.55 0.00	34.87 2.09 0.00	44.25 2.66 0.00	42.60 2.85 0.00	44.34 2.80 0.00	46.06 2.35 0.00	48.87 2.73 -3.79	90.97 3.08 -45.76	44.10 2.49 0.00	50.75 3.37 0.00	54.10 4.02 0.00	62.15 4.42 0.00	48.78 3.30 0.00	44.09 2.78 0.00	52.93 2.92 0.00	55.14 2.87 0.00
WOODARD___115KV_TB2 355635	31.95 -0.80 0.00	32.70 -0.85 0.00	29.13 -0.74 0.00	33.52 -0.87 0.00	29.78 -0.79 0.00	29.15 -0.73 0.00	33.24 -0.91 0.00	33.64 -0.92 0.00	33.38 -0.81 0.00	32.10 -0.68 0.00	40.70 -0.89 0.00	38.83 -0.91 0.00	40.59 -0.95 0.00	42.73 -0.98 0.00	41.35 -1.00 0.00	41.20 -0.93 0.00	40.80 -0.80 0.00	46.43 -0.95 0.00	49.08 -1.00 0.00	56.65 -1.08 0.00	44.56 -0.93 0.00	40.44 -0.87 0.00	48.91 -1.10 0.00	51.14 -1.13 0.00
YORK___WARBASSE 23770	59.87 1.91 -25.20	55.87 1.98 -20.34	55.13 1.74 -23.52	55.14 1.94 -18.81	55.12 1.73 -22.82	55.11 1.67 -23.56	55.87 1.98 -19.73	55.86 2.05 -19.24	55.65 2.08 -19.38	795.95 1.80 -761.38	67.24 2.41 -23.24	60.37 2.33 -18.30	59.22 2.51 -15.16	59.23 2.60 -12.92	65.42 2.70 -20.37	60.50 2.61 -15.76	60.40 2.30 -16.50	65.85 2.64 -15.83	61.42 3.03 -8.31	61.61 3.08 -0.80	60.62 2.46 -12.67	62.60 2.15 -19.14	59.04 2.18 -6.86	76.07 2.09 -21.71