

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

11/08/2025

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	43.46	36.32	36.28	33.91	34.16	35.78	46.31	51.59	43.31	40.99	31.55	32.32	35.37	40.80	43.58	56.30	62.97	60.20	57.31	51.16	51.75	45.07	38.93	42.78
24138	2.27	1.79	1.65	1.50	1.38	1.50	2.03	2.26	1.81	1.62	1.51	1.68	1.88	2.18	2.23	2.50	2.32	2.15	2.01	1.84	1.93	1.89	1.60	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.47	36.36	36.28	33.93	34.18	35.80	46.36	51.64	43.36	41.04	31.58	32.34	35.40	40.84	43.63	56.37	63.17	60.40	57.49	51.32	51.89	45.17	39.01	42.87
24260	2.27	1.83	1.65	1.52	1.40	1.53	2.07	2.31	1.87	1.67	1.54	1.70	1.91	2.22	2.28	2.57	2.52	2.35	2.19	2.00	2.08	1.98	1.69	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	43.47	36.36	36.28	33.93	34.18	35.80	46.36	51.64	43.36	41.04	31.58	32.34	35.40	40.84	43.63	56.37	63.17	60.40	57.49	51.32	51.89	45.17	39.01	42.87
24261	2.27	1.83	1.65	1.52	1.40	1.53	2.07	2.31	1.87	1.67	1.54	1.70	1.91	2.22	2.28	2.57	2.52	2.35	2.19	2.00	2.08	1.98	1.69	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.66	35.81	35.87	33.60	34.05	35.62	46.09	51.23	43.09	40.38	30.58	31.16	34.15	39.18	41.98	55.18	62.75	60.16	57.13	50.78	51.20	44.62	38.56	42.78
24011	1.47	1.28	1.23	1.18	1.27	1.34	1.80	1.90	1.60	1.01	0.54	0.52	0.66	0.56	0.63	1.37	2.09	2.11	1.83	1.45	1.38	1.44	1.24	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.69	35.87	35.94	33.68	34.19	35.73	46.25	51.42	43.36	40.51	30.61	31.21	34.25	39.26	42.01	55.38	63.13	60.63	57.55	51.03	51.40	44.84	38.79	43.09
23798	1.50	1.34	1.31	1.26	1.40	1.46	1.97	2.09	1.87	1.14	0.57	0.57	0.76	0.64	0.66	1.57	2.47	2.58	2.25	1.71	1.58	1.66	1.47	1.93
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	42.66	35.81	35.87	33.60	34.05	35.62	46.09	51.23	43.09	40.38	30.58	31.16	34.15	39.18	41.98	55.18	62.75	60.16	57.13	50.78	51.20	44.62	38.56	42.78
24028	1.47	1.28	1.23	1.18	1.27	1.34	1.80	1.90	1.60	1.01	0.54	0.52	0.66	0.56	0.63	1.37	2.09	2.11	1.83	1.45	1.38	1.44	1.24	1.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.79	35.89	35.81	33.53	33.98	35.54	45.85	50.79	42.57	40.10	30.42	30.91	34.01	39.04	41.59	54.16	61.31	58.52	55.68	49.72	50.11	43.67	37.70	41.95
23527	1.59	1.36	1.18	1.11	1.20	1.26	1.56	1.46	1.07	0.73	0.38	0.28	0.52	0.42	0.24	0.36	0.66	0.47	0.39	0.40	0.29	0.49	0.37	0.78
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.61	34.97	34.95	32.73	33.08	34.60	44.60	49.52	41.63	39.38	30.07	30.68	33.57	38.62	41.23	53.54	60.46	57.74	54.93	49.07	49.48	43.07	37.23	41.09
24190	0.42	0.44	0.32	0.32	0.30	0.32	0.32	0.19	0.14	0.01	0.03	0.04	0.09	-0.01	-0.12	-0.27	-0.19	-0.31	-0.36	-0.25	-0.34	-0.11	-0.10	-0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.73	34.92	35.10	32.82	33.23	34.81	44.77	50.00	42.21	40.15	30.60	31.20	34.11	39.45	42.25	54.99	62.17	59.58	56.74	50.60	51.07	44.23	38.21	42.15
355683	0.53	0.39	0.47	0.41	0.45	0.54	0.48	0.67	0.71	0.78	0.56	0.56	0.62	0.83	0.90	1.18	1.52	1.53	1.45	1.28	1.26	1.04	0.89	0.97
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.06	35.31	35.32	33.07	33.44	34.98	45.14	50.14	42.12	39.76	30.26	30.88	33.76	38.83	41.53	54.11	61.26	58.56	55.75	49.75	50.22	43.66	37.70	41.62
323833	0.86	0.78	0.69	0.66	0.65	0.70	0.85	0.81	0.62	0.39	0.22	0.25	0.27	0.21	0.17	0.31	0.61	0.50	0.45	0.43	0.40	0.48	0.37	0.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	42.05	35.30	35.32	33.07	33.43	34.97	45.13	50.14	42.12	39.76	30.26	30.88	33.76	38.83	41.53	54.11	61.25	58.55	55.73	49.75	50.21	43.64	37.70	41.61
323834	0.86	0.78	0.69	0.65	0.64	0.70	0.85	0.81	0.62	0.39	0.22	0.25	0.27	0.21	0.17	0.30	0.60	0.50	0.44	0.43	0.39	0.46	0.37	0.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.61	34.97	34.95	32.73	33.08	34.60	44.60	49.52	41.63	39.38	30.07	30.68	33.57	38.62	41.23	53.54	60.46	57.74	54.93	49.07	49.48	43.07	37.23	41.09
23571	0.42	0.44	0.32	0.32	0.30	0.32	0.32	0.19	0.14	0.01	0.03	0.04	0.09	-0.01	-0.12	-0.27	-0.19	-0.31	-0.36	-0.25	-0.34	-0.11	-0.10	-0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	41.61 0.42 0.00	34.97 0.44 0.00	34.95 0.32 0.00	32.73 0.32 0.00	33.08 0.30 0.00	34.60 0.32 0.00	44.60 0.32 0.00	49.52 0.19 0.00	41.63 0.14 0.00	39.38 0.01 0.00	30.07 0.03 0.00	30.68 0.04 0.00	33.57 0.09 0.00	38.62 -0.01 0.00	41.23 -0.12 0.00	53.54 -0.27 0.00	60.46 -0.19 0.00	57.74 -0.31 0.00	54.93 -0.36 0.00	49.07 -0.25 0.00	49.48 -0.34 0.00	43.07 -0.11 0.00	37.23 -0.10 0.00	41.09 -0.08 0.00
ALBANY___3 23573	41.61 0.42 0.00	34.97 0.44 0.00	34.95 0.32 0.00	32.73 0.32 0.00	33.08 0.30 0.00	34.60 0.32 0.00	44.60 0.32 0.00	49.52 0.19 0.00	41.63 0.14 0.00	39.38 0.01 0.00	30.07 0.03 0.00	30.68 0.04 0.00	33.57 0.09 0.00	38.62 -0.01 0.00	41.23 -0.12 0.00	53.54 -0.27 0.00	60.46 -0.19 0.00	57.74 -0.31 0.00	54.93 -0.36 0.00	49.07 -0.25 0.00	49.48 -0.34 0.00	43.07 -0.11 0.00	37.23 -0.10 0.00	41.09 -0.08 0.00
ALBANY___4 23574	41.61 0.42 0.00	34.97 0.44 0.00	34.95 0.32 0.00	32.73 0.32 0.00	33.08 0.30 0.00	34.60 0.32 0.00	44.60 0.32 0.00	49.52 0.19 0.00	41.63 0.14 0.00	39.38 0.01 0.00	30.07 0.03 0.00	30.68 0.04 0.00	33.57 0.09 0.00	38.62 -0.01 0.00	41.23 -0.12 0.00	53.54 -0.27 0.00	60.46 -0.19 0.00	57.74 -0.31 0.00	54.93 -0.36 0.00	49.07 -0.25 0.00	49.48 -0.34 0.00	43.07 -0.11 0.00	37.23 -0.10 0.00	41.09 -0.08 0.00
ALBANY___LFGE 323615	41.94 0.75 0.00	35.24 0.71 0.00	35.22 0.59 0.00	32.98 0.56 0.00	33.35 0.56 0.00	34.87 0.60 0.00	44.98 0.69 0.00	49.94 0.61 0.00	41.99 0.49 0.00	39.69 0.32 0.00	30.30 0.26 0.00	30.89 0.25 0.00	33.81 0.32 0.00	38.91 0.29 0.00	41.57 0.22 0.00	54.04 0.24 0.00	61.04 0.39 0.00	58.28 0.23 0.00	55.44 0.15 0.00	49.51 0.18 0.00	49.91 0.09 0.00	43.43 0.25 0.00	37.52 0.19 0.00	41.42 0.25 0.00
ALCOA_PA_115KV_PL-6C 55860	42.01 0.81 0.00	35.15 0.62 0.00	35.33 0.70 0.00	33.04 0.63 0.00	33.47 0.68 0.00	35.06 0.78 0.00	45.08 0.79 0.00	50.36 1.03 0.00	42.49 1.00 0.00	40.42 1.05 0.00	30.80 0.76 0.00	31.42 0.78 0.00	34.33 0.84 0.00	39.72 1.11 0.00	42.56 1.21 0.00	55.38 1.57 0.00	62.69 2.04 0.00	60.15 2.10 0.00	57.25 1.96 0.00	51.06 1.73 0.00	51.53 1.72 0.00	44.61 1.43 0.00	38.54 1.22 0.00	42.51 1.34 0.00
ALCOA_RYNLDS___DRP 24188	42.01 0.81 0.00	35.15 0.62 0.00	35.33 0.70 0.00	33.04 0.63 0.00	33.47 0.68 0.00	35.06 0.78 0.00	45.08 0.79 0.00	50.36 1.03 0.00	42.49 1.00 0.00	40.42 1.05 0.00	30.80 0.76 0.00	31.42 0.78 0.00	34.33 0.84 0.00	39.72 1.11 0.00	42.56 1.21 0.00	55.38 1.57 0.00	62.69 2.04 0.00	60.15 2.10 0.00	57.25 1.96 0.00	51.06 1.73 0.00	51.53 1.72 0.00	44.61 1.43 0.00	38.54 1.22 0.00	42.51 1.34 0.00
ALCOA___DSASP 323711	42.01 0.81 0.00	35.15 0.62 0.00	35.33 0.70 0.00	33.04 0.63 0.00	33.47 0.68 0.00	35.06 0.78 0.00	45.08 0.79 0.00	50.36 1.03 0.00	42.49 1.00 0.00	40.42 1.05 0.00	30.80 0.76 0.00	31.42 0.78 0.00	34.33 0.84 0.00	39.72 1.11 0.00	42.56 1.21 0.00	55.38 1.57 0.00	62.69 2.04 0.00	60.15 2.10 0.00	57.25 1.96 0.00	51.06 1.73 0.00	51.53 1.72 0.00	44.61 1.43 0.00	38.54 1.22 0.00	42.51 1.34 0.00
ALLEGHENY___COGEN 23514	39.99 -1.20 0.00	33.53 -1.00 0.00	34.00 -0.64 0.00	31.78 -0.64 0.00	32.35 -0.43 0.00	34.15 -0.12 0.00	44.38 0.09 0.00	49.66 0.33 0.00	42.24 0.74 0.00	40.73 1.36 0.00	31.06 1.02 0.00	31.62 0.98 0.00	34.54 1.05 0.00	40.35 1.73 0.00	43.46 2.11 0.00	56.37 2.56 0.00	62.94 2.29 0.00	60.53 2.47 0.00	57.67 2.38 0.00	51.00 1.68 0.00	51.78 1.96 0.00	44.32 1.14 0.00	38.35 1.02 0.00	41.98 0.81 0.00
ALTAMONT_115KV_TB 2 55880	41.81 0.62 0.00	35.07 0.54 0.00	35.08 0.45 0.00	32.84 0.42 0.00	33.19 0.40 0.00	34.72 0.44 0.00	44.82 0.54 0.00	49.83 0.50 0.00	41.86 0.37 0.00	39.60 0.23 0.00	30.25 0.21 0.00	30.86 0.22 0.00	33.78 0.29 0.00	38.90 0.28 0.00	41.56 0.21 0.00	53.97 0.17 0.00	60.88 0.23 0.00	58.17 0.12 0.00	55.39 0.10 0.00	49.46 0.14 0.00	49.93 0.11 0.00	43.40 0.22 0.00	37.49 0.16 0.00	41.37 0.20 0.00
ALTONA_WT_PWR 323606	40.90 -0.29 0.00	34.18 -0.35 0.00	34.33 -0.30 0.00	31.98 -0.44 0.00	32.37 -0.41 0.00	33.96 -0.31 0.00	43.73 -0.55 0.00	49.13 -0.20 0.00	41.83 0.34 0.00	39.68 0.31 0.00	30.04 0.01 0.00	30.70 0.07 0.00	33.61 0.12 0.00	39.07 0.45 0.00	41.99 0.64 0.00	54.74 0.93 0.00	62.10 1.45 0.00	59.62 1.56 0.00	56.69 1.40 0.00	50.77 1.45 0.00	51.22 1.40 0.00	44.44 1.26 0.00	38.39 1.06 0.00	42.32 1.15 0.00
AMERICAN_REF_FUEL 24010	37.22 -3.97 0.00	31.35 -3.18 0.00	32.09 -2.54 0.00	30.01 -2.41 0.00	30.62 -2.17 0.00	32.09 -2.19 0.00	41.41 -2.88 0.00	45.97 -3.36 0.00	39.24 -2.26 0.00	37.93 -1.44 0.00	29.31 -0.73 0.00	29.97 -0.67 0.00	32.63 -0.86 0.00	37.96 -0.67 0.00	40.77 -0.58 0.00	52.54 -1.26 0.00	58.08 -2.58 0.00	55.69 -2.36 0.00	52.99 -2.30 0.00	46.93 -2.39 0.00	47.74 -2.08 0.00	41.01 -2.17 0.00	35.58 -1.74 0.00	39.10 -2.07 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	37.38 -3.81 0.00	31.61 -2.91 0.00	32.42 -2.21 0.00	30.48 -1.94 0.00	31.35 -1.44 0.00	33.11 -1.16 0.00	42.78 -1.51 0.00	47.75 -1.58 0.00	40.75 -0.75 0.00	39.41 0.04 0.00	30.41 0.37 0.00	31.12 0.48 0.00	33.91 0.42 0.00	39.34 0.71 0.00	42.22 0.87 0.00	54.62 0.82 0.00	60.33 -0.32 0.00	58.02 -0.03 0.00	55.26 -0.03 0.00	48.69 -0.63 0.00	49.65 -0.17 0.00	42.35 -0.84 0.00	36.78 -0.54 0.00	40.31 -0.86 0.00
ARTHUR KILL_GT_1 23520	43.44 2.25 0.00	36.37 1.84 0.00	36.26 1.63 0.00	33.93 1.52 0.00	34.19 1.40 0.00	35.84 1.57 0.00	46.36 2.07 0.00	51.52 2.19 0.00	43.39 1.89 0.00	41.01 1.64 0.00	31.54 1.50 0.00	32.27 1.63 0.00	35.29 1.80 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.07 2.27 0.00	62.69 2.04 0.00	60.09 2.04 0.00	57.29 1.99 0.00	51.31 1.99 0.00	51.71 1.89 0.00	44.89 1.71 0.00	38.74 1.41 0.00	42.61 1.44 0.00
ARTHUR_KILL_2 23512	43.33 2.14 0.00	36.28 1.75 0.00	36.18 1.55 0.00	33.85 1.43 0.00	34.10 1.32 0.00	35.76 1.48 0.00	46.25 1.97 0.00	51.39 2.06 0.00	43.29 1.79 0.00	40.92 1.55 0.00	31.47 1.43 0.00	32.20 1.57 0.00	35.22 1.73 0.00	40.66 2.04 0.00	43.40 2.05 0.00	55.92 2.12 0.00	62.52 1.87 0.00	59.92 1.86 0.00	57.12 1.83 0.00	51.17 1.85 0.00	51.56 1.74 0.00	44.77 1.59 0.00	38.64 1.31 0.00	42.50 1.33 0.00
ARTHUR_KILL_3 23513	43.09 1.90 0.00	36.06 1.53 0.00	35.98 1.34 0.00	33.65 1.23 0.00	33.89 1.11 0.00	35.50 1.23 0.00	45.95 1.66 0.00	51.15 1.82 0.00	42.94 1.44 0.00	40.63 1.26 0.00	31.26 1.22 0.00	32.03 1.39 0.00	35.04 1.56 0.00	40.44 1.81 0.00	43.17 1.82 0.00	55.79 1.98 0.00	62.48 1.83 0.00	59.72 1.66 0.00	56.85 1.56 0.00	50.75 1.43 0.00	51.34 1.53 0.00	44.72 1.54 0.00	38.63 1.30 0.00	42.45 1.29 0.00

ARTHUR_KILL_COGEN 323718	43.44 2.25 0.00	36.37 1.84 0.00	36.26 1.63 0.00	33.93 1.52 0.00	34.19 1.41 0.00	35.85 1.57 0.00	46.36 2.07 0.00	51.52 2.19 0.00	43.40 1.90 0.00	41.01 1.64 0.00	31.54 1.50 0.00	32.27 1.63 0.00	35.28 1.80 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.07 2.27 0.00	62.69 2.04 0.00	60.09 2.04 0.00	57.29 1.99 0.00	51.31 1.99 0.00	51.70 1.88 0.00	44.89 1.71 0.00	38.74 1.41 0.00	42.61 1.44 0.00
ASHOKAN____ 23654	42.42 1.23 0.00	35.53 1.00 0.00	35.46 0.83 0.00	33.18 0.77 0.00	33.51 0.73 0.00	35.10 0.82 0.00	45.42 1.14 0.00	50.63 1.30 0.00	42.44 0.94 0.00	39.96 0.59 0.00	30.43 0.39 0.00	31.08 0.44 0.00	33.93 0.44 0.00	39.06 0.44 0.00	41.92 0.57 0.00	54.61 0.81 0.00	62.04 1.39 0.00	59.57 1.52 0.00	56.77 1.48 0.00	50.58 1.26 0.00	50.99 1.17 0.00	44.25 1.07 0.00	38.12 0.80 0.00	41.94 0.77 0.00
ASTORIA_EAST_ENERGY_CC1 323581	43.07 1.88 0.00	36.13 1.60 0.00	35.99 1.36 0.00	33.71 1.29 0.00	33.94 1.16 0.00	35.56 1.28 0.00	45.98 1.69 0.00	51.21 1.88 0.00	43.05 1.55 0.00	40.66 1.29 0.00	31.30 1.26 0.00	32.06 1.42 0.00	35.04 1.55 0.00	40.45 1.83 0.00	43.19 1.84 0.00	55.76 1.95 0.00	62.48 1.83 0.00	59.80 1.75 0.00	56.94 1.65 0.00	50.86 1.54 0.00	51.43 1.61 0.00	44.76 1.58 0.00	38.57 1.25 0.00	42.39 1.23 0.00
ASTORIA_EAST_ENERGY_CC2 323582	43.04 1.85 0.00	36.11 1.58 0.00	35.98 1.35 0.00	33.70 1.28 0.00	33.93 1.14 0.00	35.55 1.27 0.00	45.95 1.66 0.00	51.18 1.85 0.00	43.02 1.53 0.00	40.65 1.28 0.00	31.27 1.23 0.00	32.04 1.40 0.00	35.03 1.54 0.00	40.43 1.81 0.00	43.16 1.81 0.00	55.72 1.92 0.00	62.43 1.78 0.00	59.78 1.72 0.00	56.91 1.62 0.00	50.84 1.51 0.00	51.41 1.59 0.00	44.73 1.55 0.00	38.56 1.24 0.00	42.37 1.20 0.00
ASTORIA_GT2_1 24094	43.07 1.88 0.00	36.13 1.60 0.00	36.00 1.36 0.00	33.71 1.29 0.00	33.94 1.16 0.00	35.56 1.28 0.00	45.97 1.69 0.00	51.21 1.88 0.00	43.04 1.55 0.00	40.66 1.29 0.00	31.30 1.26 0.00	32.05 1.42 0.00	35.03 1.55 0.00	40.45 1.83 0.00	43.19 1.84 0.00	55.76 1.95 0.00	62.48 1.83 0.00	59.80 1.75 0.00	56.94 1.65 0.00	50.86 1.54 0.00	51.43 1.61 0.00	44.76 1.58 0.00	38.57 1.25 0.00	42.39 1.23 0.00
ASTORIA_GT2_2 24095	43.07 1.88 0.00	36.13 1.60 0.00	36.00 1.36 0.00	33.71 1.29 0.00	33.94 1.16 0.00	35.56 1.28 0.00	45.97 1.69 0.00	51.21 1.88 0.00	43.04 1.55 0.00	40.66 1.29 0.00	31.30 1.26 0.00	32.05 1.42 0.00	35.03 1.55 0.00	40.45 1.83 0.00	43.19 1.84 0.00	55.76 1.95 0.00	62.48 1.83 0.00	59.80 1.75 0.00	56.94 1.65 0.00	50.86 1.54 0.00	51.43 1.61 0.00	44.76 1.58 0.00	38.57 1.25 0.00	42.39 1.23 0.00
ASTORIA_GT2_3 24096	43.07 1.88 0.00	36.13 1.60 0.00	36.00 1.36 0.00	33.71 1.29 0.00	33.94 1.16 0.00	35.56 1.28 0.00	45.97 1.69 0.00	51.21 1.88 0.00	43.04 1.55 0.00	40.66 1.29 0.00	31.30 1.26 0.00	32.05 1.42 0.00	35.03 1.55 0.00	40.45 1.83 0.00	43.19 1.84 0.00	55.76 1.95 0.00	62.48 1.83 0.00	59.80 1.75 0.00	56.94 1.65 0.00	50.86 1.54 0.00	51.43 1.61 0.00	44.76 1.58 0.00	38.57 1.25 0.00	42.39 1.23 0.00
ASTORIA_GT2_4 24097	43.07 1.88 0.00	36.13 1.60 0.00	36.00 1.36 0.00	33.71 1.29 0.00	33.94 1.16 0.00	35.56 1.28 0.00	45.97 1.69 0.00	51.21 1.88 0.00	43.04 1.55 0.00	40.66 1.29 0.00	31.30 1.26 0.00	32.05 1.42 0.00	35.03 1.55 0.00	40.45 1.83 0.00	43.19 1.84 0.00	55.76 1.95 0.00	62.48 1.83 0.00	59.80 1.75 0.00	56.94 1.65 0.00	50.86 1.54 0.00	51.43 1.61 0.00	44.76 1.58 0.00	38.57 1.25 0.00	42.39 1.23 0.00
ASTORIA_GT3_1 24098	43.07 1.88 0.00	36.13 1.60 0.00	36.00 1.36 0.00	33.71 1.29 0.00	33.94 1.16 0.00	35.56 1.28 0.00	45.97 1.69 0.00	51.21 1.88 0.00	43.04 1.55 0.00	40.66 1.29 0.00	31.30 1.26 0.00	32.05 1.42 0.00	35.03 1.55 0.00	40.45 1.83 0.00	43.19 1.84 0.00	55.76 1.95 0.00	62.48 1.83 0.00	59.80 1.75 0.00	56.94 1.65 0.00	50.86 1.54 0.00	51.43 1.61 0.00	44.76 1.58 0.00	38.57 1.25 0.00	42.39 1.23 0.00
ASTORIA_GT3_2 24099	43.07 1.88 0.00	36.13 1.60 0.00	36.00 1.36 0.00	33.71 1.29 0.00	33.94 1.16 0.00	35.56 1.28 0.00	45.97 1.69 0.00	51.21 1.88 0.00	43.04 1.55 0.00	40.66 1.29 0.00	31.30 1.26 0.00	32.05 1.42 0.00	35.03 1.55 0.00	40.45 1.83 0.00	43.19 1.84 0.00	55.76 1.95 0.00	62.48 1.83 0.00	59.80 1.75 0.00	56.94 1.65 0.00	50.86 1.54 0.00	51.43 1.61 0.00	44.76 1.58 0.00	38.57 1.25 0.00	42.39 1.23 0.00
ASTORIA_GT3_3 24100	43.07 1.88 0.00	36.13 1.60 0.00	36.00 1.36 0.00	33.71 1.29 0.00	33.94 1.16 0.00	35.56 1.28 0.00	45.97 1.69 0.00	51.21 1.88 0.00	43.04 1.55 0.00	40.66 1.29 0.00	31.30 1.26 0.00	32.05 1.42 0.00	35.03 1.55 0.00	40.45 1.83 0.00	43.19 1.84 0.00	55.76 1.95 0.00	62.48 1.83 0.00	59.80 1.75 0.00	56.94 1.65 0.00	50.86 1.54 0.00	51.43 1.61 0.00	44.76 1.58 0.00	38.57 1.25 0.00	42.39 1.23 0.00
ASTORIA_GT3_4 24101	43.07 1.88 0.00	36.13 1.60 0.00	36.00 1.36 0.00	33.71 1.29 0.00	33.94 1.16 0.00	35.56 1.28 0.00	45.97 1.69 0.00	51.21 1.88 0.00	43.04 1.55 0.00	40.66 1.29 0.00	31.30 1.26 0.00	32.05 1.42 0.00	35.03 1.55 0.00	40.45 1.83 0.00	43.19 1.84 0.00	55.76 1.95 0.00	62.48 1.83 0.00	59.80 1.75 0.00	56.94 1.65 0.00	50.86 1.54 0.00	51.43 1.61 0.00	44.76 1.58 0.00	38.57 1.25 0.00	42.39 1.23 0.00
ASTORIA_GT4_1 24102	43.07 1.88 0.00	36.13 1.60 0.00	36.00 1.36 0.00	33.71 1.29 0.00	33.94 1.16 0.00	35.56 1.28 0.00	45.97 1.69 0.00	51.21 1.88 0.00	43.04 1.55 0.00	40.66 1.29 0.00	31.30 1.26 0.00	32.05 1.42 0.00	35.03 1.55 0.00	40.45 1.83 0.00	43.19 1.84 0.00	55.76 1.95 0.00	62.48 1.83 0.00	59.80 1.75 0.00	56.94 1.65 0.00	50.86 1.54 0.00	51.43 1.61 0.00	44.76 1.58 0.00	38.57 1.25 0.00	42.39 1.23 0.00
ASTORIA_GT4_2 24103	43.07 1.88 0.00	36.13 1.60 0.00	36.00 1.36 0.00	33.71 1.29 0.00	33.94 1.16 0.00	35.56 1.28 0.00	45.97 1.69 0.00	51.21 1.88 0.00	43.04 1.55 0.00	40.66 1.29 0.00	31.30 1.26 0.00	32.05 1.42 0.00	35.03 1.55 0.00	40.45 1.83 0.00	43.19 1.84 0.00	55.76 1.95 0.00	62.48 1.83 0.00	59.80 1.75 0.00	56.94 1.65 0.00	50.86 1.54 0.00	51.43 1.61 0.00	44.76 1.58 0.00	38.57 1.25 0.00	42.39 1.23 0.00
ASTORIA_GT4_3 24104	43.07 1.88 0.00	36.13 1.60 0.00	36.00 1.36 0.00	33.71 1.29 0.00	33.94 1.16 0.00	35.56 1.28 0.00	45.97 1.69 0.00	51.21 1.88 0.00	43.04 1.55 0.00	40.66 1.29 0.00	31.30 1.26 0.00	32.05 1.42 0.00	35.03 1.55 0.00	40.45 1.83 0.00	43.19 1.84 0.00	55.76 1.95 0.00	62.48 1.83 0.00	59.80 1.75 0.00	56.94 1.65 0.00	50.86 1.54 0.00	51.43 1.61 0.00	44.76 1.58 0.00	38.57 1.25 0.00	42.39 1.23 0.00

ASTORIA_GT4_4 24105	43.07 1.88 0.00	36.13 1.60 0.00	36.00 1.36 0.00	33.71 1.29 0.00	33.94 1.16 0.00	35.56 1.28 0.00	45.97 1.69 0.00	51.21 1.88 0.00	43.04 1.55 0.00	40.66 1.29 0.00	31.30 1.26 0.00	32.05 1.42 0.00	35.03 1.55 0.00	40.45 1.83 0.00	43.19 1.84 0.00	55.76 1.95 0.00	62.48 1.83 0.00	59.80 1.75 0.00	56.94 1.65 0.00	50.86 1.54 0.00	51.43 1.61 0.00	44.76 1.58 0.00	38.57 1.25 0.00	42.39 1.23 0.00
ASTORIA_GT_1 23523	43.14 1.95 0.00	36.19 1.66 0.00	36.06 1.42 0.00	33.76 1.34 0.00	33.99 1.20 0.00	35.62 1.34 0.00	46.04 1.76 0.00	51.30 1.97 0.00	43.12 1.63 0.00	40.74 1.37 0.00	31.35 1.32 0.00	32.12 1.48 0.00	35.10 1.62 0.00	40.52 1.90 0.00	43.27 1.92 0.00	55.87 2.06 0.00	62.60 1.95 0.00	59.93 1.88 0.00	57.06 1.77 0.00	50.96 1.64 0.00	51.53 1.71 0.00	44.83 1.65 0.00	38.65 1.32 0.00	42.46 1.30 0.00
ASTORIA_GT_10 24110	43.21 2.02 0.00	36.19 1.66 0.00	36.10 1.46 0.00	33.77 1.36 0.00	34.01 1.23 0.00	35.63 1.35 0.00	46.08 1.80 0.00	51.33 2.00 0.00	43.14 1.65 0.00	40.76 1.39 0.00	31.40 1.36 0.00	32.17 1.53 0.00	35.17 1.68 0.00	40.58 1.96 0.00	43.33 1.98 0.00	55.91 2.11 0.00	62.53 1.88 0.00	59.82 1.77 0.00	56.95 1.66 0.00	50.92 1.60 0.00	51.50 1.69 0.00	44.91 1.73 0.00	38.76 1.44 0.00	42.62 1.45 0.00
ASTORIA_GT_11 24225	43.21 2.02 0.00	36.19 1.66 0.00	36.10 1.46 0.00	33.77 1.36 0.00	34.01 1.23 0.00	35.63 1.35 0.00	46.08 1.80 0.00	51.33 2.00 0.00	43.14 1.65 0.00	40.76 1.39 0.00	31.40 1.36 0.00	32.17 1.53 0.00	35.17 1.68 0.00	40.58 1.96 0.00	43.33 1.98 0.00	55.91 2.11 0.00	62.53 1.88 0.00	59.82 1.77 0.00	56.95 1.66 0.00	50.92 1.60 0.00	51.50 1.69 0.00	44.91 1.73 0.00	38.76 1.44 0.00	42.62 1.45 0.00
ASTORIA_GT_12 24226	43.21 2.02 0.00	36.19 1.66 0.00	36.10 1.46 0.00	33.77 1.36 0.00	34.01 1.23 0.00	35.63 1.35 0.00	46.08 1.80 0.00	51.33 2.00 0.00	43.14 1.65 0.00	40.76 1.39 0.00	31.40 1.36 0.00	32.17 1.53 0.00	35.17 1.68 0.00	40.58 1.96 0.00	43.33 1.98 0.00	55.91 2.11 0.00	62.53 1.88 0.00	59.82 1.77 0.00	56.95 1.66 0.00	50.92 1.60 0.00	51.50 1.69 0.00	44.91 1.73 0.00	38.76 1.44 0.00	42.62 1.45 0.00
ASTORIA_GT_13 24227	43.21 2.02 0.00	36.19 1.66 0.00	36.10 1.46 0.00	33.77 1.36 0.00	34.01 1.23 0.00	35.63 1.35 0.00	46.08 1.80 0.00	51.33 2.00 0.00	43.14 1.65 0.00	40.76 1.39 0.00	31.40 1.36 0.00	32.17 1.53 0.00	35.17 1.68 0.00	40.58 1.96 0.00	43.33 1.98 0.00	55.91 2.11 0.00	62.53 1.88 0.00	59.82 1.77 0.00	56.95 1.66 0.00	50.92 1.60 0.00	51.50 1.69 0.00	44.91 1.73 0.00	38.76 1.44 0.00	42.62 1.45 0.00
ASTORIA_GT_5 24106	43.14 1.95 0.00	36.19 1.66 0.00	36.06 1.42 0.00	33.76 1.34 0.00	33.99 1.20 0.00	35.62 1.34 0.00	46.04 1.76 0.00	51.30 1.97 0.00	43.12 1.63 0.00	40.74 1.37 0.00	31.35 1.32 0.00	32.12 1.48 0.00	35.10 1.62 0.00	40.52 1.90 0.00	43.27 1.92 0.00	55.87 2.06 0.00	62.60 1.95 0.00	59.93 1.88 0.00	57.06 1.77 0.00	50.96 1.64 0.00	51.53 1.71 0.00	44.83 1.65 0.00	38.65 1.32 0.00	42.46 1.30 0.00
ASTORIA_GT_7 24107	43.14 1.95 0.00	36.19 1.66 0.00	36.06 1.42 0.00	33.76 1.34 0.00	33.99 1.20 0.00	35.62 1.34 0.00	46.04 1.76 0.00	51.30 1.97 0.00	43.12 1.63 0.00	40.74 1.37 0.00	31.35 1.32 0.00	32.12 1.48 0.00	35.10 1.62 0.00	40.52 1.90 0.00	43.27 1.92 0.00	55.87 2.06 0.00	62.60 1.95 0.00	59.93 1.88 0.00	57.06 1.77 0.00	50.96 1.64 0.00	51.53 1.71 0.00	44.83 1.65 0.00	38.65 1.32 0.00	42.46 1.30 0.00
ASTORIA_GT_8 24108	43.14 1.95 0.00	36.19 1.66 0.00	36.06 1.42 0.00	33.76 1.34 0.00	33.99 1.20 0.00	35.62 1.34 0.00	46.04 1.76 0.00	51.30 1.97 0.00	43.12 1.63 0.00	40.74 1.37 0.00	31.35 1.32 0.00	32.12 1.48 0.00	35.10 1.62 0.00	40.52 1.90 0.00	43.27 1.92 0.00	55.87 2.06 0.00	62.60 1.95 0.00	59.93 1.88 0.00	57.06 1.77 0.00	50.96 1.64 0.00	51.53 1.71 0.00	44.83 1.65 0.00	38.65 1.32 0.00	42.46 1.30 0.00
ASTORIA___2 24149	43.07 1.88 0.00	36.13 1.60 0.00	35.99 1.36 0.00	33.71 1.29 0.00	33.94 1.16 0.00	35.56 1.28 0.00	45.98 1.69 0.00	51.21 1.88 0.00	43.05 1.55 0.00	40.66 1.29 0.00	31.30 1.26 0.00	32.06 1.42 0.00	35.04 1.55 0.00	40.45 1.83 0.00	43.19 1.84 0.00	55.76 1.95 0.00	62.48 1.83 0.00	59.80 1.75 0.00	56.94 1.65 0.00	50.86 1.54 0.00	51.43 1.61 0.00	44.76 1.58 0.00	38.57 1.25 0.00	42.39 1.23 0.00
ASTORIA___3 23516	43.21 2.02 0.00	36.19 1.66 0.00	36.09 1.46 0.00	33.77 1.36 0.00	34.01 1.22 0.00	35.63 1.35 0.00	46.09 1.80 0.00	51.33 2.00 0.00	43.15 1.65 0.00	40.76 1.39 0.00	31.40 1.36 0.00	32.17 1.53 0.00	35.17 1.68 0.00	40.58 1.96 0.00	43.33 1.98 0.00	55.91 2.11 0.00	62.53 1.88 0.00	59.82 1.77 0.00	56.96 1.66 0.00	50.92 1.60 0.00	51.51 1.69 0.00	44.91 1.73 0.00	38.76 1.44 0.00	42.62 1.45 0.00
ASTORIA___4 23517	43.21 2.02 0.00	36.19 1.66 0.00	36.10 1.46 0.00	33.77 1.36 0.00	34.01 1.23 0.00	35.63 1.35 0.00	46.08 1.80 0.00	51.33 2.00 0.00	43.14 1.65 0.00	40.76 1.39 0.00	31.40 1.36 0.00	32.17 1.53 0.00	35.17 1.68 0.00	40.58 1.96 0.00	43.33 1.98 0.00	55.91 2.11 0.00	62.53 1.88 0.00	59.82 1.77 0.00	56.95 1.66 0.00	50.92 1.60 0.00	51.50 1.69 0.00	44.91 1.73 0.00	38.76 1.44 0.00	42.62 1.45 0.00
ASTORIA___5 23518	43.21 2.02 0.00	36.19 1.66 0.00	36.09 1.46 0.00	33.77 1.36 0.00	34.01 1.22 0.00	35.63 1.35 0.00	46.09 1.80 0.00	51.33 2.00 0.00	43.15 1.65 0.00	40.76 1.39 0.00	31.40 1.36 0.00	32.16 1.53 0.00	35.17 1.68 0.00	40.58 1.96 0.00	43.33 1.98 0.00	55.91 2.11 0.00	62.53 1.88 0.00	59.81 1.76 0.00	56.96 1.66 0.00	50.92 1.60 0.00	51.50 1.69 0.00	44.91 1.73 0.00	38.76 1.44 0.00	42.62 1.45 0.00
AST_ENERGY_2_CC3 323677	43.07 1.88 0.00	36.13 1.60 0.00	35.99 1.36 0.00	33.71 1.29 0.00	33.94 1.16 0.00	35.56 1.28 0.00	45.98 1.69 0.00	51.21 1.88 0.00	43.05 1.55 0.00	40.66 1.29 0.00	31.30 1.26 0.00	32.06 1.42 0.00	35.04 1.55 0.00	40.45 1.83 0.00	43.19 1.84 0.00	55.76 1.95 0.00	62.48 1.83 0.00	59.80 1.75 0.00	56.94 1.65 0.00	50.86 1.54 0.00	51.43 1.61 0.00	44.76 1.58 0.00	38.57 1.25 0.00	42.39 1.23 0.00
AST_ENERGY_2_CC4 323678	43.07 1.88 0.00	36.13 1.60 0.00	35.99 1.36 0.00	33.71 1.29 0.00	33.94 1.16 0.00	35.56 1.28 0.00	45.98 1.69 0.00	51.21 1.88 0.00	43.05 1.55 0.00	40.66 1.29 0.00	31.30 1.26 0.00	32.06 1.42 0.00	35.04 1.55 0.00	40.45 1.83 0.00	43.19 1.84 0.00	55.76 1.95 0.00	62.48 1.83 0.00	59.80 1.75 0.00	56.94 1.65 0.00	50.86 1.54 0.00	51.43 1.61 0.00	44.76 1.58 0.00	38.57 1.25 0.00	42.39 1.23 0.00

ATHENS_STG_1 23668	42.09 0.90 0.00	35.25 0.72 0.00	35.24 0.61 0.00	32.98 0.57 0.00	33.29 0.51 0.00	34.84 0.56 0.00	45.05 0.76 0.00	50.12 0.78 0.00	42.10 0.60 0.00	39.84 0.47 0.00	30.51 0.47 0.00	31.17 0.53 0.00	34.12 0.63 0.00	39.33 0.71 0.00	42.02 0.67 0.00	54.52 0.72 0.00	61.30 0.65 0.00	58.58 0.53 0.00	55.80 0.51 0.00	49.81 0.48 0.00	50.30 0.49 0.00	43.71 0.53 0.00	37.75 0.43 0.00	41.62 0.45 0.00
ATHENS_STG_2 23670	42.09 0.90 0.00	35.25 0.72 0.00	35.24 0.61 0.00	32.98 0.57 0.00	33.29 0.51 0.00	34.84 0.56 0.00	45.05 0.76 0.00	50.12 0.78 0.00	42.10 0.60 0.00	39.84 0.47 0.00	30.51 0.47 0.00	31.17 0.53 0.00	34.12 0.63 0.00	39.33 0.71 0.00	42.02 0.67 0.00	54.52 0.72 0.00	61.30 0.65 0.00	58.58 0.53 0.00	55.80 0.51 0.00	49.81 0.48 0.00	50.30 0.49 0.00	43.71 0.53 0.00	37.75 0.43 0.00	41.62 0.45 0.00
ATHENS_STG_3 23677	42.09 0.90 0.00	35.25 0.72 0.00	35.24 0.61 0.00	32.98 0.57 0.00	33.29 0.51 0.00	34.84 0.56 0.00	45.05 0.76 0.00	50.12 0.78 0.00	42.10 0.60 0.00	39.84 0.47 0.00	30.51 0.47 0.00	31.17 0.53 0.00	34.12 0.63 0.00	39.33 0.71 0.00	42.02 0.67 0.00	54.52 0.72 0.00	61.30 0.65 0.00	58.58 0.53 0.00	55.80 0.51 0.00	49.81 0.48 0.00	50.30 0.49 0.00	43.71 0.53 0.00	37.75 0.43 0.00	41.62 0.45 0.00
AUBURN___LFGE 323710	40.82 -0.38 0.00	34.24 -0.29 0.00	34.42 -0.21 0.00	32.24 -0.17 0.00	32.54 -0.25 0.00	33.96 -0.31 0.00	44.16 -0.13 0.00	49.21 -0.12 0.00	42.11 0.62 0.00	40.06 0.70 0.00	30.49 0.45 0.00	31.05 0.41 0.00	33.82 0.33 0.00	39.04 0.42 0.00	41.87 0.51 0.00	54.69 0.89 0.00	61.75 1.10 0.00	59.41 1.36 0.00	55.65 0.36 0.00	49.23 -0.09 0.00	49.75 -0.06 0.00	42.99 -0.19 0.00	37.19 -0.14 0.00	40.83 -0.34 0.00
BABYLON_RES_REC 323704	43.35 2.15 0.00	36.18 1.65 0.00	36.05 1.42 0.00	33.64 1.23 0.00	33.77 0.98 0.00	36.03 0.96 -0.79	46.85 1.54 -1.02	51.29 1.96 0.00	43.16 1.66 0.00	40.59 1.22 0.00	31.29 1.25 0.00	32.06 1.42 0.00	35.20 1.71 0.00	40.43 1.81 0.00	43.33 1.99 0.00	56.28 2.46 -0.02	66.42 2.58 -3.19	88.81 2.42 -28.34	96.36 2.35 -38.71	55.33 2.13 -3.88	54.35 2.16 -2.37	46.58 2.01 -1.39	39.09 1.76 0.00	42.97 1.80 0.00
BALL_HILL_WT_PWR 323825	37.77 -3.42 0.00	31.82 -2.71 0.00	32.52 -2.12 0.00	30.46 -1.95 0.00	31.17 -1.61 0.00	32.83 -1.45 0.00	42.37 -1.91 0.00	47.26 -2.07 0.00	40.27 -1.22 0.00	38.88 -0.49 0.00	29.98 -0.06 0.00	30.68 0.04 0.00	33.41 -0.08 0.00	38.79 0.17 0.00	41.64 0.29 0.00	53.82 0.02 0.00	59.48 -1.17 0.00	57.16 -0.89 0.00	54.42 -0.87 0.00	48.01 -1.31 0.00	48.96 -0.86 0.00	41.86 -1.32 0.00	36.38 -0.95 0.00	39.90 -1.27 0.00
BARON_WINDS___WT_PWR 323822	37.56 -3.64 0.00	31.54 -2.99 0.00	31.95 -2.68 0.00	29.83 -2.58 0.00	30.39 -2.39 0.00	32.26 -2.01 0.00	41.88 -2.41 0.00	46.92 -2.41 0.00	40.02 -1.48 0.00	38.56 -0.80 0.00	29.56 -0.48 0.00	30.27 -0.37 0.00	32.99 -0.50 0.00	38.32 -0.30 0.00	41.28 -0.07 0.00	53.50 -0.30 0.00	59.22 -1.44 0.00	56.90 -1.15 0.00	54.27 -1.02 0.00	47.85 -1.47 0.00	48.84 -0.98 0.00	41.72 -1.46 0.00	36.27 -1.06 0.00	39.75 -1.42 0.00
BARRETT_IC_1 23704	43.12 1.92 0.00	36.01 1.49 0.00	35.90 1.27 0.00	33.52 1.10 0.00	33.70 0.92 0.00	35.20 0.93 0.00	45.68 1.40 0.00	50.96 1.63 0.00	42.80 1.30 0.00	40.35 0.98 0.00	31.17 1.13 0.00	31.98 1.35 0.00	35.08 1.59 0.00	40.35 1.73 0.00	43.19 1.84 0.00	55.87 2.07 0.00	63.77 1.95 -1.17	74.91 1.79 -15.07	83.70 1.69 -26.71	50.90 1.58 -0.01	51.43 1.61 0.00	44.78 1.59 0.00	38.77 1.44 0.00	42.60 1.43 0.00
BARRETT_IC_10 23701	43.12 1.92 0.00	36.01 1.49 0.00	35.90 1.27 0.00	33.52 1.10 0.00	33.70 0.92 0.00	35.20 0.93 0.00	45.68 1.40 0.00	50.96 1.63 0.00	42.80 1.30 0.00	40.35 0.98 0.00	31.17 1.13 0.00	31.98 1.35 0.00	35.08 1.59 0.00	40.35 1.73 0.00	43.19 1.84 0.00	55.87 2.07 0.00	63.77 1.95 -1.17	74.91 1.79 -15.07	83.70 1.69 -26.71	50.90 1.58 -0.01	51.43 1.61 0.00	44.78 1.59 0.00	38.77 1.44 0.00	42.60 1.43 0.00
BARRETT_IC_11 23702	43.12 1.92 0.00	36.01 1.49 0.00	35.90 1.27 0.00	33.52 1.10 0.00	33.70 0.92 0.00	35.20 0.93 0.00	45.68 1.40 0.00	50.96 1.63 0.00	42.80 1.30 0.00	40.35 0.98 0.00	31.17 1.13 0.00	31.98 1.35 0.00	35.08 1.59 0.00	40.35 1.73 0.00	43.19 1.84 0.00	55.87 2.07 0.00	63.77 1.95 -1.17	74.91 1.79 -15.07	83.70 1.69 -26.71	50.90 1.58 -0.01	51.43 1.61 0.00	44.78 1.59 0.00	38.77 1.44 0.00	42.60 1.43 0.00
BARRETT_IC_12 23703	43.12 1.92 0.00	36.01 1.49 0.00	35.90 1.27 0.00	33.52 1.10 0.00	33.70 0.92 0.00	35.20 0.93 0.00	45.68 1.40 0.00	50.96 1.63 0.00	42.80 1.30 0.00	40.35 0.98 0.00	31.17 1.13 0.00	31.98 1.35 0.00	35.08 1.59 0.00	40.35 1.73 0.00	43.19 1.84 0.00	55.87 2.07 0.00	63.77 1.95 -1.17	74.91 1.79 -15.07	83.70 1.69 -26.71	50.90 1.58 -0.01	51.43 1.61 0.00	44.78 1.59 0.00	38.77 1.44 0.00	42.60 1.43 0.00
BARRETT_IC_2 23705	43.12 1.92 0.00	36.01 1.49 0.00	35.90 1.27 0.00	33.52 1.10 0.00	33.70 0.92 0.00	35.20 0.93 0.00	45.68 1.40 0.00	50.96 1.63 0.00	42.80 1.30 0.00	40.35 0.98 0.00	31.17 1.13 0.00	31.98 1.35 0.00	35.08 1.59 0.00	40.35 1.73 0.00	43.19 1.84 0.00	55.87 2.07 0.00	63.77 1.95 -1.17	74.91 1.79 -15.07	83.70 1.69 -26.71	50.90 1.58 -0.01	51.43 1.61 0.00	44.78 1.59 0.00	38.77 1.44 0.00	42.60 1.43 0.00
BARRETT_IC_3 23706	43.12 1.92 0.00	36.01 1.49 0.00	35.90 1.27 0.00	33.52 1.10 0.00	33.70 0.92 0.00	35.20 0.93 0.00	45.68 1.40 0.00	50.96 1.63 0.00	42.80 1.30 0.00	40.35 0.98 0.00	31.17 1.13 0.00	31.98 1.35 0.00	35.08 1.59 0.00	40.35 1.73 0.00	43.19 1.84 0.00	55.87 2.07 0.00	63.77 1.95 -1.17	74.91 1.79 -15.07	83.70 1.69 -26.71	50.90 1.58 -0.01	51.43 1.61 0.00	44.78 1.59 0.00	38.77 1.44 0.00	42.60 1.43 0.00
BARRETT_IC_4 23707	43.12 1.92 0.00	36.01 1.49 0.00	35.90 1.27 0.00	33.52 1.10 0.00	33.70 0.92 0.00	35.20 0.93 0.00	45.68 1.40 0.00	50.96 1.63 0.00	42.80 1.30 0.00	40.35 0.98 0.00	31.17 1.13 0.00	31.98 1.35 0.00	35.08 1.59 0.00	40.35 1.73 0.00	43.19 1.84 0.00	55.87 2.07 0.00	63.77 1.95 -1.17	74.91 1.79 -15.07	83.70 1.69 -26.71	50.90 1.58 -0.01	51.43 1.61 0.00	44.78 1.59 0.00	38.77 1.44 0.00	42.60 1.43 0.00
BARRETT_IC_5 23708	43.12 1.92 0.00	36.01 1.49 0.00	35.90 1.27 0.00	33.52 1.10 0.00	33.70 0.92 0.00	35.20 0.93 0.00	45.68 1.40 0.00	50.96 1.63 0.00	42.80 1.30 0.00	40.35 0.98 0.00	31.17 1.13 0.00	31.98 1.35 0.00	35.08 1.59 0.00	40.35 1.73 0.00	43.19 1.84 0.00	55.87 2.07 0.00	63.77 1.95 -1.17	74.91 1.79 -15.07	83.70 1.69 -26.71	50.90 1.58 -0.01	51.43 1.61 0.00	44.78 1.59 0.00	38.77 1.44 0.00	42.60 1.43 0.00

BARRETT_IC_6 23709	43.12 1.92 0.00	36.01 1.49 0.00	35.90 1.27 0.00	33.52 1.10 0.00	33.70 0.92 0.00	35.20 0.93 0.00	45.68 1.40 0.00	50.96 1.63 0.00	42.80 1.30 0.00	40.35 0.98 0.00	31.17 1.13 0.00	31.98 1.35 0.00	35.08 1.59 0.00	40.35 1.73 0.00	43.19 1.84 0.00	55.87 2.07 0.00	63.77 1.95 -1.17	74.91 1.79 -15.07	83.70 1.69 -26.71	50.90 1.58 -0.01	51.43 1.61 0.00	44.78 1.59 0.00	38.77 1.44 0.00	42.60 1.43 0.00
BARRETT_IC_7 23710	43.12 1.92 0.00	36.02 1.49 0.00	35.91 1.27 0.00	33.51 1.10 0.00	33.71 0.92 0.00	35.20 0.93 0.00	45.69 1.40 0.00	50.96 1.63 0.00	42.80 1.30 0.00	40.35 0.98 0.00	31.17 1.13 0.00	31.99 1.35 0.00	35.08 1.59 0.00	40.35 1.73 0.00	43.19 1.84 0.00	55.86 2.06 0.00	63.76 1.94 -1.17	74.91 1.79 -15.07	83.70 1.69 -26.71	50.90 1.57 -0.01	51.43 1.61 0.00	44.78 1.59 0.00	38.77 1.44 0.00	42.61 1.44 0.00
BARRETT_IC_8 23711	43.12 1.92 0.00	36.01 1.49 0.00	35.90 1.27 0.00	33.52 1.10 0.00	33.70 0.92 0.00	35.20 0.93 0.00	45.68 1.40 0.00	50.96 1.63 0.00	42.80 1.30 0.00	40.35 0.98 0.00	31.17 1.13 0.00	31.98 1.35 0.00	35.08 1.59 0.00	40.35 1.73 0.00	43.19 1.84 0.00	55.87 2.07 0.00	63.77 1.95 -1.17	74.91 1.79 -15.07	83.70 1.69 -26.71	50.90 1.58 -0.01	51.43 1.61 0.00	44.78 1.59 0.00	38.77 1.44 0.00	42.60 1.43 0.00
BARRETT_IC_9 23700	43.12 1.92 0.00	36.01 1.49 0.00	35.90 1.27 0.00	33.52 1.10 0.00	33.70 0.92 0.00	35.20 0.93 0.00	45.68 1.40 0.00	50.96 1.63 0.00	42.80 1.30 0.00	40.35 0.98 0.00	31.17 1.13 0.00	31.98 1.35 0.00	35.08 1.59 0.00	40.35 1.73 0.00	43.19 1.84 0.00	55.87 2.07 0.00	63.77 1.95 -1.17	74.91 1.79 -15.07	83.70 1.69 -26.71	50.90 1.58 -0.01	51.43 1.61 0.00	44.78 1.59 0.00	38.77 1.44 0.00	42.60 1.43 0.00
BARRETT___1 23545	43.12 1.92 0.00	36.01 1.49 0.00	35.90 1.27 0.00	33.52 1.10 0.00	33.70 0.92 0.00	35.20 0.93 0.00	45.68 1.40 0.00	50.96 1.63 0.00	42.80 1.30 0.00	40.35 0.98 0.00	31.17 1.13 0.00	31.98 1.35 0.00	35.08 1.59 0.00	40.35 1.73 0.00	43.19 1.84 0.00	55.87 2.07 0.00	63.77 1.95 -1.17	74.91 1.79 -15.07	83.70 1.69 -26.71	50.90 1.58 -0.01	51.43 1.61 0.00	44.78 1.59 0.00	38.77 1.44 0.00	42.60 1.43 0.00
BARRETT___2 23546	43.12 1.92 0.00	36.01 1.49 0.00	35.90 1.27 0.00	33.52 1.10 0.00	33.70 0.92 0.00	35.20 0.93 0.00	45.68 1.40 0.00	50.96 1.63 0.00	42.80 1.30 0.00	40.35 0.98 0.00	31.17 1.13 0.00	31.98 1.35 0.00	35.08 1.59 0.00	40.35 1.73 0.00	43.19 1.84 0.00	55.87 2.07 0.00	63.77 1.95 -1.17	74.91 1.79 -15.07	83.70 1.69 -26.71	50.90 1.58 -0.01	51.43 1.61 0.00	44.78 1.59 0.00	38.77 1.44 0.00	42.60 1.43 0.00
BATAVIA__115KV_TB1 55881	39.05 -2.14 0.00	32.82 -1.71 0.00	33.48 -1.16 0.00	31.29 -1.12 0.00	31.90 -0.89 0.00	33.46 -0.82 0.00	43.25 -1.03 0.00	48.12 -1.21 0.00	40.92 -0.57 0.00	39.38 0.01 0.00	30.18 0.13 0.00	30.89 0.25 0.00	33.52 0.03 0.00	39.20 0.58 0.00	42.29 0.94 0.00	54.76 0.96 0.00	60.83 0.18 0.00	58.44 0.39 0.00	55.55 0.25 0.00	49.13 -0.19 0.00	49.87 0.05 0.00	42.81 -0.37 0.00	37.08 -0.24 0.00	40.69 -0.48 0.00
BAYONEEC___CTG1 323682	43.21 2.02 0.00	36.15 1.62 0.00	36.07 1.44 0.00	33.74 1.32 0.00	33.98 1.20 0.00	35.59 1.32 0.00	46.07 1.79 0.00	51.31 1.98 0.00	43.07 1.57 0.00	40.76 1.39 0.00	31.35 1.31 0.00	32.12 1.48 0.00	35.14 1.65 0.00	40.55 1.93 0.00	43.30 1.95 0.00	55.96 2.16 0.00	62.67 2.02 0.00	59.91 1.86 0.00	57.03 1.74 0.00	50.92 1.60 0.00	51.51 1.70 0.00	44.85 1.67 0.00	38.72 1.40 0.00	42.58 1.41 0.00
BAYONEEC___CTG10 323750	43.21 2.02 0.00	36.15 1.62 0.00	36.07 1.44 0.00	33.74 1.32 0.00	33.98 1.20 0.00	35.59 1.32 0.00	46.07 1.79 0.00	51.31 1.98 0.00	43.07 1.57 0.00	40.76 1.39 0.00	31.35 1.31 0.00	32.12 1.48 0.00	35.14 1.65 0.00	40.55 1.93 0.00	43.30 1.95 0.00	55.96 2.16 0.00	62.67 2.02 0.00	59.91 1.86 0.00	57.03 1.74 0.00	50.92 1.60 0.00	51.51 1.70 0.00	44.85 1.67 0.00	38.72 1.40 0.00	42.58 1.41 0.00
BAYONEEC___CTG2 323683	43.21 2.02 0.00	36.15 1.62 0.00	36.07 1.44 0.00	33.74 1.32 0.00	33.98 1.20 0.00	35.59 1.32 0.00	46.07 1.79 0.00	51.31 1.98 0.00	43.07 1.57 0.00	40.76 1.39 0.00	31.35 1.31 0.00	32.12 1.48 0.00	35.14 1.65 0.00	40.55 1.93 0.00	43.30 1.95 0.00	55.96 2.16 0.00	62.67 2.02 0.00	59.91 1.86 0.00	57.03 1.74 0.00	50.92 1.60 0.00	51.51 1.70 0.00	44.85 1.67 0.00	38.72 1.40 0.00	42.58 1.41 0.00
BAYONEEC___CTG3 323684	43.21 2.02 0.00	36.15 1.62 0.00	36.07 1.44 0.00	33.74 1.32 0.00	33.98 1.20 0.00	35.59 1.32 0.00	46.07 1.79 0.00	51.31 1.98 0.00	43.07 1.57 0.00	40.76 1.39 0.00	31.35 1.31 0.00	32.12 1.48 0.00	35.14 1.65 0.00	40.55 1.93 0.00	43.30 1.95 0.00	55.96 2.16 0.00	62.67 2.02 0.00	59.91 1.86 0.00	57.03 1.74 0.00	50.92 1.60 0.00	51.51 1.70 0.00	44.85 1.67 0.00	38.72 1.40 0.00	42.58 1.41 0.00
BAYONEEC___CTG4 323685	43.21 2.02 0.00	36.15 1.62 0.00	36.07 1.44 0.00	33.74 1.32 0.00	33.98 1.20 0.00	35.59 1.32 0.00	46.07 1.79 0.00	51.31 1.98 0.00	43.07 1.57 0.00	40.76 1.39 0.00	31.35 1.31 0.00	32.12 1.48 0.00	35.14 1.65 0.00	40.55 1.93 0.00	43.30 1.95 0.00	55.96 2.16 0.00	62.67 2.02 0.00	59.91 1.86 0.00	57.03 1.74 0.00	50.92 1.60 0.00	51.51 1.70 0.00	44.85 1.67 0.00	38.72 1.40 0.00	42.58 1.41 0.00
BAYONEEC___CTG5 323686	43.21 2.02 0.00	36.15 1.62 0.00	36.07 1.44 0.00	33.74 1.32 0.00	33.98 1.20 0.00	35.59 1.32 0.00	46.07 1.79 0.00	51.31 1.98 0.00	43.07 1.57 0.00	40.76 1.39 0.00	31.35 1.31 0.00	32.12 1.48 0.00	35.14 1.65 0.00	40.55 1.93 0.00	43.30 1.95 0.00	55.96 2.16 0.00	62.67 2.02 0.00	59.91 1.86 0.00	57.03 1.74 0.00	50.92 1.60 0.00	51.51 1.70 0.00	44.85 1.67 0.00	38.72 1.40 0.00	42.58 1.41 0.00
BAYONEEC___CTG6 323687	43.21 2.02 0.00	36.15 1.62 0.00	36.07 1.44 0.00	33.74 1.32 0.00	33.98 1.20 0.00	35.59 1.32 0.00	46.07 1.79 0.00	51.31 1.98 0.00	43.07 1.57 0.00	40.76 1.39 0.00	31.35 1.31 0.00	32.12 1.48 0.00	35.14 1.65 0.00	40.55 1.93 0.00	43.30 1.95 0.00	55.96 2.16 0.00	62.67 2.02 0.00	59.91 1.86 0.00	57.03 1.74 0.00	50.92 1.60 0.00	51.51 1.70 0.00	44.85 1.67 0.00	38.72 1.40 0.00	42.58 1.41 0.00
BAYONEEC___CTG7 323688	43.21 2.02 0.00	36.15 1.62 0.00	36.07 1.44 0.00	33.74 1.32 0.00	33.98 1.20 0.00	35.59 1.32 0.00	46.07 1.79 0.00	51.31 1.98 0.00	43.07 1.57 0.00	40.76 1.39 0.00	31.35 1.31 0.00	32.12 1.48 0.00	35.14 1.65 0.00	40.55 1.93 0.00	43.30 1.95 0.00	55.96 2.16 0.00	62.67 2.02 0.00	59.91 1.86 0.00	57.03 1.74 0.00	50.92 1.60 0.00	51.51 1.70 0.00	44.85 1.67 0.00	38.72 1.40 0.00	42.58 1.41 0.00

BAYONEEC___CTG8 323689	43.21 2.02 0.00	36.15 1.62 0.00	36.07 1.44 0.00	33.74 1.32 0.00	33.98 1.20 0.00	35.59 1.32 0.00	46.07 1.79 0.00	51.31 1.98 0.00	43.07 1.57 0.00	40.76 1.39 0.00	31.35 1.31 0.00	32.12 1.48 0.00	35.14 1.65 0.00	40.55 1.93 0.00	43.30 1.95 0.00	55.96 2.16 0.00	62.67 2.02 0.00	59.91 1.86 0.00	57.03 1.74 0.00	50.92 1.60 0.00	51.51 1.70 0.00	44.85 1.67 0.00	38.72 1.40 0.00	42.58 1.41 0.00
BAYONEEC___CTG9 323749	43.21 2.02 0.00	36.15 1.62 0.00	36.07 1.44 0.00	33.74 1.32 0.00	33.98 1.20 0.00	35.59 1.32 0.00	46.07 1.79 0.00	51.31 1.98 0.00	43.07 1.57 0.00	40.76 1.39 0.00	31.35 1.31 0.00	32.12 1.48 0.00	35.14 1.65 0.00	40.55 1.93 0.00	43.30 1.95 0.00	55.96 2.16 0.00	62.67 2.02 0.00	59.91 1.86 0.00	57.03 1.74 0.00	50.92 1.60 0.00	51.51 1.70 0.00	44.85 1.67 0.00	38.72 1.40 0.00	42.58 1.41 0.00
BEACON___LESR 323632	42.22 1.03 0.00	35.42 0.89 0.00	35.44 0.81 0.00	33.15 0.74 0.00	33.50 0.71 0.00	35.07 0.79 0.00	45.26 0.97 0.00	50.31 0.98 0.00	42.21 0.71 0.00	39.90 0.53 0.00	30.45 0.41 0.00	31.02 0.39 0.00	33.95 0.46 0.00	39.08 0.46 0.00	41.81 0.46 0.00	54.38 0.58 0.00	61.25 0.60 0.00	58.66 0.61 0.00	55.81 0.52 0.00	49.86 0.54 0.00	50.29 0.47 0.00	43.75 0.57 0.00	37.76 0.44 0.00	41.69 0.52 0.00
BEAVER RIVER___HYD 24048	40.16 -1.04 0.00	33.63 -0.90 0.00	33.65 -0.98 0.00	31.58 -0.84 0.00	32.11 -0.67 0.00	33.78 -0.50 0.00	43.77 -0.52 0.00	48.62 -0.71 0.00	41.01 -0.49 0.00	38.79 -0.58 0.00	29.49 -0.55 0.00	30.12 -0.51 0.00	32.78 -0.71 0.00	37.99 -0.64 0.00	40.75 -0.60 0.00	53.94 0.14 0.00	62.19 1.54 0.00	60.17 2.12 0.00	57.20 1.91 0.00	50.94 1.62 0.00	51.42 1.61 0.00	44.45 1.26 0.00	38.43 1.10 0.00	42.30 1.13 0.00
BEEBEE_GT_13 23619	39.43 -1.77 0.00	33.11 -1.42 0.00	33.59 -1.05 0.00	31.41 -1.01 0.00	31.91 -0.88 0.00	33.40 -0.88 0.00	43.22 -1.07 0.00	48.11 -1.22 0.00	40.80 -0.70 0.00	39.14 -0.23 0.00	30.03 -0.01 0.00	30.64 0.00 0.00	33.40 -0.09 0.00	38.75 0.13 0.00	41.64 0.29 0.00	53.98 0.17 0.00	60.26 -0.39 0.00	57.82 -0.23 0.00	54.93 -0.36 0.00	48.70 -0.62 0.00	49.37 -0.45 0.00	42.51 -0.67 0.00	36.77 -0.56 0.00	40.41 -0.76 0.00
BENSHRST_27_KV_BENSHRST_1 355998	43.53 2.34 0.00	36.44 1.91 0.00	36.33 1.69 0.00	33.99 1.57 0.00	34.24 1.46 0.00	35.91 1.63 0.00	46.47 2.18 0.00	51.70 2.37 0.00	43.50 2.00 0.00	41.14 1.77 0.00	31.67 1.63 0.00	32.44 1.80 0.00	35.48 1.99 0.00	40.95 2.33 0.00	43.72 2.37 0.00	56.42 2.62 0.00	63.15 2.50 0.00	60.49 2.44 0.00	57.61 2.31 0.00	51.51 2.19 0.00	52.04 2.22 0.00	45.27 2.09 0.00	39.05 1.73 0.00	42.93 1.76 0.00
BETHLEHEM___GRP 23843	41.61 0.42 0.00	34.97 0.44 0.00	34.95 0.32 0.00	32.73 0.32 0.00	33.08 0.30 0.00	34.60 0.32 0.00	44.60 0.32 0.00	49.52 0.19 0.00	41.63 0.14 0.00	39.38 0.01 0.00	30.07 0.03 0.00	30.68 0.04 0.00	33.57 0.09 0.00	38.62 -0.01 0.00	41.23 -0.12 0.00	53.54 -0.27 0.00	60.46 -0.19 0.00	57.74 -0.31 0.00	54.93 -0.36 0.00	49.07 -0.25 0.00	49.48 -0.34 0.00	43.07 -0.11 0.00	37.23 -0.10 0.00	41.09 -0.08 0.00
BETHLEHEM___GS1 323560	41.61 0.42 0.00	34.97 0.43 0.00	34.95 0.32 0.00	32.73 0.32 0.00	33.08 0.30 0.00	34.60 0.32 0.00	44.60 0.32 0.00	49.51 0.18 0.00	41.64 0.14 0.00	39.38 0.01 0.00	30.07 0.03 0.00	30.67 0.03 0.00	33.58 0.09 0.00	38.62 -0.01 0.00	41.23 -0.12 0.00	53.54 -0.26 0.00	60.46 -0.19 0.00	57.74 -0.31 0.00	54.94 -0.36 0.00	49.07 -0.25 0.00	49.48 -0.33 0.00	43.08 -0.10 0.00	37.23 -0.10 0.00	41.09 -0.08 0.00
BETHLEHEM___GS2 323561	41.61 0.42 0.00	34.97 0.43 0.00	34.95 0.32 0.00	32.73 0.32 0.00	33.08 0.30 0.00	34.60 0.32 0.00	44.60 0.32 0.00	49.51 0.18 0.00	41.64 0.14 0.00	39.38 0.01 0.00	30.07 0.03 0.00	30.67 0.03 0.00	33.58 0.09 0.00	38.62 -0.01 0.00	41.23 -0.12 0.00	53.54 -0.26 0.00	60.46 -0.19 0.00	57.74 -0.31 0.00	54.94 -0.36 0.00	49.07 -0.25 0.00	49.48 -0.33 0.00	43.08 -0.10 0.00	37.23 -0.10 0.00	41.09 -0.08 0.00
BETHLEHEM___GS3 323562	41.61 0.42 0.00	34.97 0.43 0.00	34.95 0.32 0.00	32.73 0.32 0.00	33.08 0.30 0.00	34.60 0.32 0.00	44.60 0.32 0.00	49.51 0.18 0.00	41.64 0.14 0.00	39.38 0.01 0.00	30.07 0.03 0.00	30.67 0.03 0.00	33.58 0.09 0.00	38.62 -0.01 0.00	41.23 -0.12 0.00	53.54 -0.26 0.00	60.46 -0.19 0.00	57.74 -0.31 0.00	54.94 -0.36 0.00	49.07 -0.25 0.00	49.48 -0.33 0.00	43.08 -0.10 0.00	37.23 -0.10 0.00	41.09 -0.08 0.00
BETHLEHEM___STEEL 23779	37.99 -3.21 0.00	31.96 -2.57 0.00	32.67 -1.97 0.00	30.55 -1.87 0.00	31.21 -1.57 0.00	32.82 -1.45 0.00	42.39 -1.90 0.00	47.22 -2.11 0.00	40.29 -1.21 0.00	38.93 -0.44 0.00	30.02 -0.02 0.00	30.71 0.07 0.00	33.44 -0.05 0.00	38.86 0.23 0.00	41.74 0.40 0.00	53.90 0.10 0.00	59.59 -1.06 0.00	57.22 -0.83 0.00	54.45 -0.84 0.00	48.10 -1.22 0.00	48.99 -0.82 0.00	41.99 -1.20 0.00	36.45 -0.88 0.00	40.02 -1.15 0.00
BETHLHEM_115KV_TB1 79974	41.67 0.48 0.00	35.00 0.47 0.00	34.99 0.35 0.00	32.77 0.35 0.00	33.12 0.33 0.00	34.63 0.35 0.00	44.66 0.37 0.00	49.59 0.26 0.00	41.70 0.21 0.00	39.45 0.08 0.00	30.12 0.08 0.00	30.72 0.09 0.00	33.62 0.13 0.00	38.68 0.06 0.00	41.32 -0.04 0.00	53.66 -0.14 0.00	60.57 -0.08 0.00	57.85 -0.21 0.00	55.06 -0.23 0.00	49.17 -0.15 0.00	49.59 -0.22 0.00	43.15 -0.04 0.00	37.29 -0.03 0.00	41.16 -0.01 0.00
BETHPAGE_CC_5 323564	43.33 2.14 0.00	36.17 1.64 0.00	36.05 1.42 0.00	33.64 1.22 0.00	33.80 1.02 0.00	35.28 1.01 0.00	45.82 1.53 0.00	51.25 1.92 0.00	43.12 1.62 0.00	40.59 1.22 0.00	31.31 1.27 0.00	32.10 1.46 0.00	35.21 1.72 0.00	40.47 1.85 0.00	43.36 2.01 0.00	56.21 2.41 0.00	64.56 2.45 -1.46	82.77 2.28 -22.44	92.50 2.22 -34.99	52.64 2.02 -1.30	52.39 2.03 -0.55	45.30 1.90 -0.21	39.01 1.68 0.00	42.87 1.70 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	38.05 -3.14 0.00	32.00 -2.53 0.00	32.69 -1.94 0.00	30.59 -1.83 0.00	31.25 -1.53 0.00	32.87 -1.40 0.00	42.47 -1.82 0.00	47.32 -2.01 0.00	40.37 -1.13 0.00	39.01 -0.36 0.00	30.08 0.04 0.00	30.77 0.13 0.00	33.51 0.02 0.00	38.93 0.31 0.00	41.82 0.47 0.00	54.01 0.20 0.00	59.70 -0.95 0.00	57.35 -0.71 0.00	54.58 -0.71 0.00	48.20 -1.12 0.00	49.09 -0.73 0.00	42.06 -1.12 0.00	36.51 -0.81 0.00	40.07 -1.10 0.00
BINGHAMTON___COGEN 23790	40.75 -0.44 0.00	34.15 -0.38 0.00	34.33 -0.30 0.00	32.12 -0.29 0.00	32.52 -0.27 0.00	34.03 -0.25 0.00	44.03 -0.25 0.00	49.14 -0.19 0.00	41.41 -0.09 0.00	39.37 0.00 0.00	30.08 0.04 0.00	30.69 0.05 0.00	33.51 0.02 0.00	38.69 0.07 0.00	41.51 0.16 0.00	54.01 0.21 0.00	60.58 -0.07 0.00	58.08 0.03 0.00	55.22 -0.08 0.00	49.08 -0.24 0.00	49.69 -0.12 0.00	42.92 -0.26 0.00	37.14 -0.18 0.00	40.87 -0.30 0.00

BIXINCNT_115KV_LOAD 355685	37.63 -3.57 0.00	31.42 -3.11 0.00	32.14 -2.49 0.00	30.18 -2.24 0.00	31.10 -1.69 0.00	32.77 -1.51 0.00	42.60 -1.69 0.00	47.49 -1.84 0.00	40.51 -0.99 0.00	39.33 -0.04 0.00	30.33 0.29 0.00	31.01 0.37 0.00	33.75 0.26 0.00	39.19 0.57 0.00	42.06 0.71 0.00	54.31 0.51 0.00	60.11 -0.55 0.00	57.75 -0.30 0.00	54.96 -0.33 0.00	48.50 -0.82 0.00	49.42 -0.40 0.00	42.30 -0.89 0.00	36.69 -0.63 0.00	40.23 -0.94 0.00
BLACK RIVER___HYD 24047	39.88 -1.32 0.00	33.42 -1.11 0.00	33.37 -1.26 0.00	31.30 -1.11 0.00	31.86 -0.92 0.00	33.52 -0.75 0.00	43.50 -0.79 0.00	48.28 -1.05 0.00	40.63 -0.87 0.00	38.33 -1.04 0.00	29.05 -1.00 0.00	29.66 -0.98 0.00	32.20 -1.29 0.00	37.38 -1.24 0.00	40.17 -1.18 0.00	53.49 -0.31 0.00	62.11 1.46 0.00	60.27 2.22 0.00	57.29 2.00 0.00	51.02 1.69 0.00	51.50 1.68 0.00	44.47 1.29 0.00	38.39 1.07 0.00	42.25 1.08 0.00
BLACKRVR_115KV_TB2 79977	39.88 -1.32 0.00	33.42 -1.11 0.00	33.37 -1.26 0.00	31.30 -1.11 0.00	31.86 -0.92 0.00	33.52 -0.75 0.00	43.50 -0.79 0.00	48.28 -1.05 0.00	40.63 -0.87 0.00	38.33 -1.04 0.00	29.05 -1.00 0.00	29.66 -0.98 0.00	32.20 -1.29 0.00	37.38 -1.24 0.00	40.18 -1.18 0.00	53.49 -0.32 0.00	62.12 1.46 0.00	60.27 2.22 0.00	57.29 2.00 0.00	51.02 1.69 0.00	51.50 1.69 0.00	44.47 1.29 0.00	38.39 1.07 0.00	42.25 1.08 0.00
BLDWN_LI_69_KV_BK4 356085	43.42 2.23 0.00	36.25 1.72 0.00	36.13 1.50 0.00	33.72 1.31 0.00	33.91 1.12 0.00	35.41 1.13 0.00	45.97 1.69 0.00	51.36 2.03 0.00	43.20 1.70 0.00	40.70 1.33 0.00	31.36 1.32 0.00	32.17 1.53 0.00	35.28 1.79 0.00	40.59 1.97 0.00	43.49 2.14 0.00	56.33 2.53 0.00	64.76 2.58 -1.53	79.94 2.29 -19.60	92.30 2.27 -34.74	51.43 2.10 -0.01	51.98 2.16 0.00	45.16 1.98 0.00	39.09 1.77 0.00	42.95 1.78 0.00
BLISS_WT_PWR 323608	37.39 -3.80 0.00	31.19 -3.34 0.00	31.93 -2.71 0.00	30.02 -2.39 0.00	31.01 -1.77 0.00	32.70 -1.58 0.00	42.55 -1.73 0.00	47.44 -1.89 0.00	40.48 -1.02 0.00	39.37 0.00 0.00	30.37 0.33 0.00	31.04 0.40 0.00	33.79 0.30 0.00	39.24 0.61 0.00	42.11 0.75 0.00	54.37 0.57 0.00	60.17 -0.49 0.00	57.82 -0.24 0.00	55.01 -0.28 0.00	48.55 -0.78 0.00	49.47 -0.35 0.00	42.33 -0.85 0.00	36.72 -0.60 0.00	40.26 -0.91 0.00
BLUESTONE___WT_PWR 323821	40.68 -0.51 0.00	34.18 -0.35 0.00	34.68 0.05 0.00	32.59 0.18 0.00	33.10 0.32 0.00	34.27 -0.01 0.00	44.24 -0.05 0.00	49.75 0.42 0.00	42.08 0.58 0.00	39.66 0.29 0.00	30.42 0.38 0.00	31.40 0.76 0.00	34.57 1.08 0.00	40.06 1.44 0.00	43.34 1.99 0.00	57.13 3.33 0.00	64.61 3.96 0.00	61.92 3.87 0.00	58.62 3.33 0.00	52.23 2.90 0.00	52.84 3.02 0.00	45.66 2.48 0.00	39.43 2.11 0.00	43.21 2.04 0.00
BLUE_CIRC_CHEM_DRP 24182	41.91 0.71 0.00	35.18 0.65 0.00	35.20 0.57 0.00	32.95 0.54 0.00	33.31 0.53 0.00	34.84 0.56 0.00	44.96 0.68 0.00	49.95 0.62 0.00	41.97 0.48 0.00	39.67 0.30 0.00	30.24 0.20 0.00	30.86 0.22 0.00	33.75 0.27 0.00	38.85 0.23 0.00	41.52 0.17 0.00	54.02 0.21 0.00	61.03 0.37 0.00	58.30 0.25 0.00	55.50 0.21 0.00	49.56 0.23 0.00	50.02 0.20 0.00	43.49 0.31 0.00	37.56 0.24 0.00	41.47 0.30 0.00
BOC_GAS_DRP 24189	41.77 0.58 0.00	35.04 0.51 0.00	35.04 0.41 0.00	32.81 0.39 0.00	33.15 0.37 0.00	34.68 0.40 0.00	44.77 0.49 0.00	49.77 0.44 0.00	41.82 0.32 0.00	39.58 0.21 0.00	30.24 0.20 0.00	30.86 0.22 0.00	33.78 0.29 0.00	38.90 0.28 0.00	41.56 0.21 0.00	53.96 0.16 0.00	60.82 0.17 0.00	58.09 0.04 0.00	55.32 0.03 0.00	49.39 0.07 0.00	49.86 0.05 0.00	43.35 0.17 0.00	37.44 0.12 0.00	41.33 0.16 0.00
BOONVILLE_115KV_TB1 79983	41.09 -0.10 0.00	34.44 -0.09 0.00	34.50 -0.13 0.00	32.35 -0.06 0.00	32.80 0.02 0.00	34.43 0.15 0.00	44.62 0.33 0.00	49.62 0.28 0.00	41.78 0.29 0.00	39.60 0.23 0.00	30.16 0.12 0.00	30.73 0.10 0.00	33.47 -0.01 0.00	38.61 -0.01 0.00	41.38 0.03 0.00	54.43 0.63 0.00	62.16 1.51 0.00	59.81 1.75 0.00	56.88 1.58 0.00	50.64 1.32 0.00	51.13 1.32 0.00	44.24 1.06 0.00	38.23 0.90 0.00	42.08 0.91 0.00
BORALEX_4TH_BRANCH 23824	42.79 1.59 0.00	35.89 1.36 0.00	35.81 1.18 0.00	33.53 1.11 0.00	33.98 1.20 0.00	35.54 1.26 0.00	45.85 1.56 0.00	50.79 1.46 0.00	42.57 1.07 0.00	40.10 0.73 0.00	30.42 0.38 0.00	30.92 0.28 0.00	34.01 0.52 0.00	39.04 0.42 0.00	41.59 0.24 0.00	54.16 0.36 0.00	61.31 0.65 0.00	58.52 0.47 0.00	55.68 0.38 0.00	49.72 0.40 0.00	50.11 0.29 0.00	43.68 0.49 0.00	37.70 0.37 0.00	41.96 0.78 0.00
BOWLINE___1 23526	42.75 1.55 0.00	35.75 1.22 0.00	35.69 1.06 0.00	33.39 0.98 0.00	33.65 0.87 0.00	35.25 0.97 0.00	45.64 1.35 0.00	50.77 1.44 0.00	42.62 1.12 0.00	40.34 0.97 0.00	30.98 0.94 0.00	31.71 1.08 0.00	34.72 1.23 0.00	40.07 1.45 0.00	42.80 1.45 0.00	55.39 1.59 0.00	62.17 1.52 0.00	59.43 1.38 0.00	56.57 1.27 0.00	50.42 1.10 0.00	50.98 1.17 0.00	44.31 1.13 0.00	38.26 0.94 0.00	42.10 0.93 0.00
BOWLINE___2 23595	42.74 1.54 0.00	35.74 1.22 0.00	35.69 1.06 0.00	33.38 0.96 0.00	33.64 0.86 0.00	35.23 0.96 0.00	45.63 1.34 0.00	50.76 1.42 0.00	42.60 1.10 0.00	40.33 0.97 0.00	30.97 0.93 0.00	31.70 1.07 0.00	34.71 1.23 0.00	40.06 1.44 0.00	42.78 1.43 0.00	55.37 1.57 0.00	62.15 1.50 0.00	59.41 1.36 0.00	56.55 1.26 0.00	50.41 1.09 0.00	50.96 1.15 0.00	44.30 1.12 0.00	38.25 0.93 0.00	42.09 0.92 0.00
BRADY___115KV_TB2 356060	42.43 1.23 0.00	35.46 0.93 0.00	35.66 1.03 0.00	33.35 0.93 0.00	33.78 1.00 0.00	35.43 1.15 0.00	45.56 1.27 0.00	50.90 1.57 0.00	42.78 1.28 0.00	40.60 1.23 0.00	30.97 0.93 0.00	31.60 0.96 0.00	34.43 0.94 0.00	39.89 1.27 0.00	42.81 1.46 0.00	55.64 1.83 0.00	63.43 2.78 0.00	61.08 3.03 0.00	58.16 2.87 0.00	51.84 2.52 0.00	52.31 2.49 0.00	45.24 2.06 0.00	39.06 1.74 0.00	43.06 1.89 0.00
BRANSCOMB___SOLAR 323811	42.55 1.36 0.00	35.71 1.18 0.00	35.72 1.09 0.00	33.45 1.04 0.00	33.87 1.09 0.00	35.43 1.16 0.00	45.81 1.53 0.00	50.89 1.56 0.00	42.70 1.20 0.00	40.12 0.76 0.00	30.45 0.41 0.00	31.00 0.37 0.00	33.97 0.48 0.00	39.03 0.41 0.00	41.81 0.46 0.00	54.80 0.99 0.00	62.22 1.57 0.00	59.55 1.50 0.00	56.59 1.30 0.00	50.40 1.08 0.00	50.83 1.01 0.00	44.24 1.06 0.00	38.19 0.87 0.00	42.34 1.17 0.00
BRDGHMPT_69_KV_BK1 55812	42.81 1.62 0.00	35.69 1.16 0.00	35.52 0.88 0.00	33.17 0.76 0.00	33.26 0.48 0.00	39.25 0.37 -4.60	51.21 0.98 -5.95	51.41 2.08 0.00	43.31 1.81 0.00	40.28 0.91 0.00	31.51 1.47 0.00	32.32 1.68 0.00	35.55 2.07 0.00	41.12 2.50 0.00	44.07 2.72 0.00	57.70 3.78 -0.13	79.68 4.10 -14.93	298.12 4.06 -236.01	257.55 3.79 -198.47	116.67 3.55 -63.80	84.79 3.62 -31.34	61.37 3.26 -14.93	40.10 2.78 0.00	44.00 2.83 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	43.44 2.24 0.00	36.27 1.74 0.00	36.12 1.49 0.00	33.68 1.26 0.00	33.81 1.02 0.00	39.32 1.04 -4.00	51.27 1.81 -5.17	51.55 2.23 0.00	43.38 1.89 0.00	40.80 1.43 0.00	31.48 1.44 0.00	32.28 1.64 0.00	35.45 1.96 0.00	40.68 2.06 0.00	43.62 2.27 0.00	56.81 2.90 -0.11	73.89 2.99 -10.25	107.71 2.63 -47.03	110.36 2.71 -52.35	63.90 2.37 -12.20	61.19 2.55 -8.82	51.34 2.36 -5.80	39.35 2.02 0.00	43.27 2.10 0.00
BRISTLHL_115KV_TB1 79998	40.04 -1.15 0.00	33.60 -0.94 0.00	33.72 -0.91 0.00	31.58 -0.84 0.00	31.96 -0.83 0.00	33.33 -0.95 0.00	43.16 -1.13 0.00	48.09 -1.24 0.00	40.37 -1.13 0.00	38.34 -1.03 0.00	29.19 -0.85 0.00	29.75 -0.89 0.00	32.45 -1.04 0.00	37.38 -1.24 0.00	40.14 -1.21 0.00	52.33 -1.48 0.00	58.94 -1.71 0.00	56.52 -1.53 0.00	53.83 -1.46 0.00	47.96 -1.36 0.00	48.46 -1.36 0.00	41.95 -1.23 0.00	36.29 -1.04 0.00	40.01 -1.17 0.00
BROOKHAVEN___DRP 24191	43.19 2.00 0.00	36.05 1.52 0.00	35.90 1.27 0.00	33.53 1.12 0.00	33.63 0.84 0.00	39.70 0.75 -4.67	51.60 1.27 -6.04	51.22 1.89 0.00	43.13 1.63 0.00	40.46 1.09 0.00	31.28 1.24 0.00	32.03 1.39 0.00	35.15 1.66 0.00	40.39 1.77 0.00	43.35 2.00 0.00	56.52 2.59 -0.13	78.50 2.76 -15.09	297.30 2.70 -236.55	256.72 2.54 -198.88	115.69 2.36 -64.01	83.67 2.35 -31.50	60.41 2.20 -15.03	39.28 1.96 0.00	43.15 1.98 0.00
BROOKLYN_NAVY_YARD 23515	43.14 1.94 0.00	36.09 1.55 0.00	36.01 1.38 0.00	33.67 1.26 0.00	33.92 1.13 0.00	35.52 1.25 0.00	45.98 1.69 0.00	51.20 1.87 0.00	42.99 1.49 0.00	40.65 1.28 0.00	31.27 1.23 0.00	32.03 1.39 0.00	35.05 1.56 0.00	40.46 1.84 0.00	43.20 1.85 0.00	55.84 2.04 0.00	62.54 1.89 0.00	59.80 1.74 0.00	56.93 1.64 0.00	50.82 1.50 0.00	51.41 1.60 0.00	44.79 1.61 0.00	38.67 1.34 0.00	42.52 1.35 0.00
BROOKLYN___ARMY_DRP 323595	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.26 1.98 0.00	51.47 2.14 0.00	43.31 1.81 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.17 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.77 1.95 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
BROOME_2_LFGE 323671	40.75 -0.44 0.00	34.15 -0.38 0.00	34.33 -0.30 0.00	32.12 -0.29 0.00	32.52 -0.27 0.00	34.03 -0.25 0.00	44.03 -0.25 0.00	49.14 -0.19 0.00	41.41 -0.09 0.00	39.37 0.00 0.00	30.08 0.04 0.00	30.69 0.05 0.00	33.51 0.02 0.00	38.69 0.07 0.00	41.51 0.16 0.00	54.01 0.20 0.00	60.58 -0.07 0.00	58.08 0.03 0.00	55.22 -0.08 0.00	49.08 -0.24 0.00	49.69 -0.12 0.00	42.92 -0.26 0.00	37.14 -0.18 0.00	40.87 -0.30 0.00
BROOME___LFGE 323600	40.75 -0.44 0.00	34.15 -0.38 0.00	34.33 -0.30 0.00	32.12 -0.29 0.00	32.52 -0.27 0.00	34.03 -0.25 0.00	44.03 -0.25 0.00	49.14 -0.19 0.00	41.41 -0.09 0.00	39.37 0.00 0.00	30.08 0.04 0.00	30.69 0.05 0.00	33.51 0.02 0.00	38.69 0.07 0.00	41.51 0.16 0.00	54.01 0.20 0.00	60.58 -0.07 0.00	58.08 0.03 0.00	55.22 -0.08 0.00	49.08 -0.24 0.00	49.69 -0.12 0.00	42.92 -0.26 0.00	37.14 -0.18 0.00	40.87 -0.30 0.00
BROWNFLS_115KV_TB_3_5 80003	40.75 -0.45 0.00	34.09 -0.44 0.00	34.18 -0.45 0.00	32.03 -0.39 0.00	32.51 -0.27 0.00	34.16 -0.12 0.00	44.11 -0.17 0.00	49.14 -0.19 0.00	41.44 -0.06 0.00	39.28 -0.09 0.00	29.89 -0.15 0.00	30.51 -0.13 0.00	33.23 -0.26 0.00	38.52 -0.11 0.00	41.33 -0.02 0.00	54.29 0.49 0.00	62.26 1.61 0.00	60.10 2.05 0.00	57.17 1.87 0.00	50.93 1.61 0.00	51.40 1.59 0.00	44.44 1.26 0.00	38.40 1.08 0.00	42.31 1.14 0.00
BROWNSV1_27_KV_LOAD 356125	43.53 2.34 0.00	36.41 1.88 0.00	36.32 1.69 0.00	33.96 1.54 0.00	34.21 1.43 0.00	35.83 1.56 0.00	46.40 2.11 0.00	51.69 2.36 0.00	43.39 1.90 0.00	41.07 1.70 0.00	31.60 1.56 0.00	32.37 1.73 0.00	35.42 1.93 0.00	40.87 2.25 0.00	43.66 2.31 0.00	56.43 2.63 0.00	63.22 2.57 0.00	60.47 2.42 0.00	57.56 2.27 0.00	51.38 2.06 0.00	51.94 2.12 0.00	45.21 2.03 0.00	39.04 1.71 0.00	42.90 1.73 0.00
BURROWS___LYONSDAL 23803	40.72 -0.47 0.00	34.13 -0.40 0.00	34.17 -0.46 0.00	32.06 -0.35 0.00	32.55 -0.24 0.00	34.19 -0.09 0.00	44.32 0.03 0.00	49.25 -0.07 0.00	41.52 0.03 0.00	39.35 -0.02 0.00	29.96 -0.08 0.00	30.54 -0.10 0.00	33.26 -0.23 0.00	38.41 -0.21 0.00	41.17 -0.18 0.00	54.25 0.45 0.00	62.12 1.47 0.00	59.86 1.81 0.00	56.92 1.63 0.00	50.68 1.36 0.00	51.17 1.36 0.00	44.27 1.09 0.00	38.24 0.92 0.00	42.11 0.94 0.00
CAITHNESS_CC_1 323624	43.15 1.96 0.00	36.01 1.48 0.00	35.87 1.23 0.00	33.50 1.08 0.00	33.60 0.81 0.00	39.72 0.71 -4.74	51.61 1.21 -6.12	51.11 1.78 0.00	43.04 1.54 0.00	40.39 1.02 0.00	31.22 1.18 0.00	31.98 1.34 0.00	35.09 1.61 0.00	40.31 1.69 0.00	43.24 1.89 0.00	56.36 2.43 -0.13	78.43 2.55 -15.23	297.47 2.47 -236.95	256.82 2.33 -199.20	115.67 2.17 -64.18	83.61 2.16 -31.63	60.34 2.04 -15.12	39.16 1.83 0.00	43.00 1.84 0.00
CALPINE BETH_PAGE_GT4 24209	43.26 2.07 0.00	36.12 1.59 0.00	35.99 1.36 0.00	33.59 1.18 0.00	33.75 0.97 0.00	35.24 0.96 0.00	45.76 1.47 0.00	51.16 1.83 0.00	43.04 1.54 0.00	40.53 1.16 0.00	31.26 1.22 0.00	32.04 1.40 0.00	35.16 1.67 0.00	40.42 1.80 0.00	43.30 1.95 0.00	56.10 2.30 0.00	64.45 2.33 -1.46	78.98 2.16 -18.77	90.65 2.10 -33.26	51.25 1.92 -0.01	51.75 1.93 0.00	44.99 1.81 0.00	38.93 1.61 0.00	42.78 1.61 0.00
CALPINE_BETH_PAGE_GT_4 323586	43.26 2.06 0.00	36.12 1.59 0.00	35.99 1.36 0.00	33.59 1.17 0.00	33.75 0.97 0.00	35.24 0.96 0.00	45.76 1.47 0.00	51.16 1.83 0.00	43.04 1.55 0.00	40.53 1.16 0.00	31.26 1.22 0.00	32.04 1.41 0.00	35.16 1.67 0.00	40.42 1.80 0.00	43.30 1.95 0.00	56.11 2.31 0.00	64.45 2.33 -1.46	78.98 2.16 -18.77	90.66 2.11 -33.26	51.25 1.92 -0.01	51.75 1.93 0.00	45.00 1.81 0.00	38.93 1.61 0.00	42.78 1.61 0.00
CALPINE_BP_GT1 23823	43.26 2.06 0.00	36.12 1.59 0.00	35.99 1.36 0.00	33.59 1.17 0.00	33.75 0.97 0.00	35.24 0.96 0.00	45.76 1.47 0.00	51.16 1.83 0.00	43.04 1.55 0.00	40.53 1.16 0.00	31.26 1.22 0.00	32.04 1.41 0.00	35.16 1.67 0.00	40.42 1.80 0.00	43.30 1.95 0.00	56.11 2.31 0.00	64.45 2.33 -1.46	78.98 2.16 -18.77	90.66 2.11 -33.26	51.25 1.92 -0.01	51.75 1.93 0.00	45.00 1.81 0.00	38.93 1.61 0.00	42.78 1.61 0.00
CALSPAN___DRP 24200	37.99 -3.21 0.00	31.96 -2.57 0.00	32.67 -1.97 0.00	30.55 -1.87 0.00	31.21 -1.57 0.00	32.82 -1.45 0.00	42.39 -1.90 0.00	47.22 -2.11 0.00	40.29 -1.21 0.00	38.93 -0.44 0.00	30.02 -0.02 0.00	30.71 0.07 0.00	33.44 -0.05 0.00	38.86 0.23 0.00	41.74 0.40 0.00	53.90 0.10 0.00	59.59 -1.06 0.00	57.22 -0.83 0.00	54.45 -0.84 0.00	48.10 -1.22 0.00	48.99 -0.82 0.00	41.99 -1.20 0.00	36.45 -0.88 0.00	40.02 -1.15 0.00

CALVERTON___SOLAR 323806	43.22 2.03 0.00	36.07 1.55 0.00	35.92 1.29 0.00	33.55 1.13 0.00	33.64 0.86 0.00	39.68 0.75 -4.65	51.60 1.31 -6.01	51.32 1.99 0.00	43.22 1.73 0.00	40.50 1.13 0.00	31.32 1.28 0.00	32.08 1.44 0.00	35.20 1.71 0.00	40.49 1.87 0.00	43.45 2.10 0.00	56.70 2.77 -0.13	78.69 3.01 -15.04	297.51 2.94 -236.51	256.92 2.78 -198.86	115.86 2.57 -63.98	83.85 2.56 -31.46	60.55 2.37 -15.00	39.42 2.10 0.00	43.28 2.11 0.00
CANDIGU_WT_PWR 323617	37.56 -3.64 0.00	31.54 -2.99 0.00	31.95 -2.68 0.00	29.83 -2.58 0.00	30.39 -2.39 0.00	32.26 -2.01 0.00	41.88 -2.41 0.00	46.92 -2.41 0.00	40.02 -1.48 0.00	38.56 -0.80 0.00	29.56 -0.48 0.00	30.27 -0.37 0.00	32.99 -0.50 0.00	38.32 -0.30 0.00	41.28 -0.07 0.00	53.50 -0.30 0.00	59.22 -1.44 0.00	56.90 -1.15 0.00	54.27 -1.02 0.00	47.85 -1.47 0.00	48.84 -0.98 0.00	41.72 -1.46 0.00	36.27 -1.06 0.00	39.75 -1.42 0.00
CARR STREET_E_SYR 24060	40.37 -0.82 0.00	33.86 -0.67 0.00	34.01 -0.62 0.00	31.84 -0.57 0.00	32.22 -0.56 0.00	33.62 -0.66 0.00	43.55 -0.73 0.00	48.55 -0.78 0.00	40.98 -0.52 0.00	38.91 -0.47 0.00	29.66 -0.38 0.00	30.22 -0.42 0.00	32.95 -0.54 0.00	37.98 -0.64 0.00	40.76 -0.59 0.00	53.12 -0.69 0.00	59.79 -0.87 0.00	57.33 -0.72 0.00	54.39 -0.91 0.00	48.37 -0.95 0.00	48.88 -0.94 0.00	42.29 -0.89 0.00	36.59 -0.73 0.00	40.32 -0.85 0.00
CARTHAGE___PAPER 23857	40.32 -0.87 0.00	33.76 -0.77 0.00	33.76 -0.87 0.00	31.67 -0.74 0.00	32.22 -0.57 0.00	33.91 -0.37 0.00	43.95 -0.33 0.00	48.83 -0.50 0.00	41.10 -0.39 0.00	38.80 -0.57 0.00	29.43 -0.61 0.00	30.10 -0.54 0.00	32.73 -0.76 0.00	37.92 -0.70 0.00	40.71 -0.65 0.00	54.10 0.29 0.00	62.67 2.02 0.00	60.74 2.69 0.00	57.74 2.45 0.00	51.40 2.08 0.00	51.90 2.08 0.00	44.82 1.64 0.00	38.73 1.40 0.00	42.61 1.44 0.00
CASSADAGA_WT_PWR 323784	37.53 -3.67 0.00	31.72 -2.81 0.00	32.52 -2.11 0.00	30.59 -1.82 0.00	31.46 -1.32 0.00	33.31 -0.97 0.00	43.08 -1.21 0.00	48.07 -1.26 0.00	41.01 -0.48 0.00	39.70 0.33 0.00	30.66 0.62 0.00	31.36 0.72 0.00	34.16 0.67 0.00	39.64 1.02 0.00	42.53 1.18 0.00	54.99 1.19 0.00	60.81 0.16 0.00	58.49 0.44 0.00	55.69 0.40 0.00	49.07 -0.25 0.00	50.02 0.21 0.00	42.65 -0.53 0.00	37.00 -0.33 0.00	40.57 -0.61 0.00
CE_DUNWOOD___DRP 24194	42.93 1.73 0.00	35.90 1.37 0.00	35.83 1.20 0.00	33.51 1.10 0.00	33.77 0.99 0.00	35.37 1.09 0.00	45.78 1.50 0.00	50.98 1.65 0.00	42.80 1.30 0.00	40.50 1.14 0.00	31.12 1.08 0.00	31.85 1.21 0.00	34.88 1.39 0.00	40.23 1.61 0.00	42.98 1.63 0.00	55.63 1.82 0.00	62.40 1.75 0.00	59.65 1.60 0.00	56.78 1.49 0.00	50.65 1.33 0.00	51.20 1.38 0.00	44.52 1.34 0.00	38.44 1.12 0.00	42.29 1.12 0.00
CE_MILLWOOD___DRP 24193	42.86 1.67 0.00	35.85 1.32 0.00	35.79 1.16 0.00	33.47 1.06 0.00	33.74 0.95 0.00	35.32 1.04 0.00	45.73 1.45 0.00	50.92 1.59 0.00	42.74 1.24 0.00	40.44 1.07 0.00	31.08 1.04 0.00	31.81 1.17 0.00	34.82 1.34 0.00	40.18 1.56 0.00	42.92 1.57 0.00	55.54 1.74 0.00	62.31 1.66 0.00	59.58 1.52 0.00	56.71 1.42 0.00	50.58 1.26 0.00	51.13 1.32 0.00	44.45 1.27 0.00	38.38 1.06 0.00	42.24 1.07 0.00
CE_NYC2_DRP 24202	43.23 2.04 0.00	36.19 1.67 0.00	36.10 1.47 0.00	33.78 1.36 0.00	34.02 1.24 0.00	35.64 1.36 0.00	46.11 1.82 0.00	51.34 2.01 0.00	43.15 1.66 0.00	40.80 1.43 0.00	31.41 1.38 0.00	32.18 1.54 0.00	35.18 1.70 0.00	40.60 1.98 0.00	43.35 2.00 0.00	55.94 2.14 0.00	62.58 1.93 0.00	59.86 1.81 0.00	57.00 1.71 0.00	50.95 1.63 0.00	51.52 1.71 0.00	44.93 1.75 0.00	38.79 1.46 0.00	42.64 1.47 0.00
CE_NYC_DRP 24195	43.29 2.10 0.00	36.22 1.69 0.00	36.13 1.50 0.00	33.78 1.37 0.00	34.04 1.25 0.00	35.65 1.37 0.00	46.14 1.86 0.00	51.40 2.07 0.00	43.14 1.64 0.00	40.82 1.45 0.00	31.41 1.37 0.00	32.17 1.53 0.00	35.20 1.71 0.00	40.62 1.99 0.00	43.38 2.03 0.00	56.09 2.29 0.00	62.82 2.17 0.00	60.07 2.02 0.00	57.16 1.86 0.00	51.02 1.70 0.00	51.60 1.79 0.00	44.92 1.74 0.00	38.79 1.46 0.00	42.63 1.46 0.00
CHAFFEE___LFGE 323603	38.11 -3.09 0.00	32.04 -2.49 0.00	32.74 -1.89 0.00	30.61 -1.80 0.00	31.26 -1.52 0.00	32.89 -1.39 0.00	42.48 -1.81 0.00	47.33 -2.00 0.00	40.38 -1.12 0.00	39.03 -0.34 0.00	30.09 0.05 0.00	30.79 0.15 0.00	33.52 0.03 0.00	38.95 0.33 0.00	41.85 0.50 0.00	54.05 0.25 0.00	59.76 -0.89 0.00	57.40 -0.65 0.00	54.63 -0.66 0.00	48.24 -1.08 0.00	49.14 -0.68 0.00	42.09 -1.10 0.00	36.53 -0.80 0.00	40.07 -1.10 0.00
CHATEAUG_35_KV_LOAD 355732	40.90 -0.29 0.00	34.17 -0.36 0.00	34.33 -0.30 0.00	31.99 -0.43 0.00	32.39 -0.40 0.00	34.02 -0.26 0.00	43.82 -0.46 0.00	49.21 -0.12 0.00	41.85 0.35 0.00	39.75 0.38 0.00	30.07 0.03 0.00	30.69 0.05 0.00	33.58 0.10 0.00	39.05 0.43 0.00	41.99 0.64 0.00	54.73 0.93 0.00	62.11 1.46 0.00	59.69 1.63 0.00	56.84 1.55 0.00	50.82 1.50 0.00	51.27 1.45 0.00	44.44 1.26 0.00	38.37 1.05 0.00	42.31 1.14 0.00
CHATEAUG_WT_PWR 323614	40.85 -0.34 0.00	34.14 -0.39 0.00	34.30 -0.34 0.00	31.96 -0.45 0.00	32.36 -0.43 0.00	33.98 -0.29 0.00	43.76 -0.52 0.00	49.13 -0.20 0.00	41.76 0.26 0.00	39.68 0.31 0.00	30.07 0.03 0.00	30.69 0.05 0.00	33.58 0.10 0.00	39.02 0.40 0.00	41.91 0.56 0.00	54.61 0.81 0.00	61.90 1.25 0.00	59.43 1.37 0.00	56.58 1.29 0.00	50.59 1.27 0.00	51.04 1.22 0.00	44.24 1.06 0.00	38.23 0.90 0.00	42.15 0.98 0.00
CHAT_HIGH_FALL_HYD 323578	40.90 -0.29 0.00	34.17 -0.36 0.00	34.33 -0.30 0.00	31.99 -0.43 0.00	32.39 -0.40 0.00	34.02 -0.26 0.00	43.82 -0.46 0.00	49.21 -0.12 0.00	41.85 0.35 0.00	39.75 0.38 0.00	30.07 0.03 0.00	30.69 0.05 0.00	33.58 0.10 0.00	39.05 0.43 0.00	41.99 0.64 0.00	54.73 0.93 0.00	62.11 1.46 0.00	59.69 1.63 0.00	56.84 1.55 0.00	50.82 1.50 0.00	51.27 1.45 0.00	44.44 1.26 0.00	38.37 1.05 0.00	42.31 1.14 0.00
CHAUTAUQUA___LFGE 323629	37.76 -3.43 0.00	31.86 -2.67 0.00	32.59 -2.04 0.00	30.56 -1.86 0.00	31.33 -1.46 0.00	33.04 -1.24 0.00	42.67 -1.62 0.00	47.65 -1.68 0.00	40.61 -0.89 0.00	39.21 -0.16 0.00	30.24 0.19 0.00	30.94 0.31 0.00	33.72 0.23 0.00	39.11 0.49 0.00	41.99 0.64 0.00	54.30 0.50 0.00	59.99 -0.66 0.00	57.68 -0.37 0.00	54.95 -0.34 0.00	48.41 -0.92 0.00	49.39 -0.43 0.00	42.15 -1.04 0.00	36.62 -0.70 0.00	40.15 -1.02 0.00
CHERRYST_13_KV_LD 356241	43.38 2.19 0.00	36.29 1.76 0.00	36.21 1.58 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.73 1.45 0.00	46.24 1.96 0.00	51.50 2.17 0.00	43.24 1.74 0.00	40.92 1.55 0.00	31.48 1.44 0.00	32.25 1.61 0.00	35.29 1.81 0.00	40.72 2.10 0.00	43.51 2.16 0.00	56.24 2.44 0.00	62.99 2.34 0.00	60.24 2.18 0.00	57.30 2.01 0.00	51.14 1.83 0.00	51.73 1.91 0.00	45.03 1.85 0.00	38.87 1.54 0.00	42.74 1.57 0.00

CHESTROR_138KV_BK263 355645	42.62 1.43 0.00	35.65 1.13 0.00	35.62 0.99 0.00	33.32 0.91 0.00	33.60 0.82 0.00	35.19 0.91 0.00	45.55 1.27 0.00	50.69 1.36 0.00	42.52 1.03 0.00	40.23 0.86 0.00	30.87 0.83 0.00	31.57 0.94 0.00	34.56 1.07 0.00	39.89 1.27 0.00	42.63 1.28 0.00	55.28 1.48 0.00	62.13 1.47 0.00	59.41 1.36 0.00	56.56 1.26 0.00	50.42 1.10 0.00	50.96 1.15 0.00	44.26 1.08 0.00	38.22 0.90 0.00	42.07 0.89 0.00
CH_MIDHUDSON___DRP 24192	42.81 1.62 0.00	35.82 1.29 0.00	35.76 1.13 0.00	33.45 1.03 0.00	33.73 0.95 0.00	35.33 1.05 0.00	45.73 1.45 0.00	50.92 1.59 0.00	42.73 1.24 0.00	40.40 1.04 0.00	31.00 0.96 0.00	31.71 1.08 0.00	34.71 1.22 0.00	40.05 1.43 0.00	42.81 1.46 0.00	55.51 1.71 0.00	62.36 1.71 0.00	59.64 1.58 0.00	56.77 1.48 0.00	50.65 1.32 0.00	51.17 1.35 0.00	44.47 1.29 0.00	38.38 1.06 0.00	42.24 1.07 0.00
CH_MISC_IPPS 23765	43.06 1.86 0.00	36.00 1.47 0.00	35.96 1.33 0.00	33.63 1.22 0.00	33.92 1.14 0.00	35.53 1.25 0.00	46.00 1.71 0.00	51.23 1.90 0.00	42.97 1.48 0.00	40.62 1.25 0.00	31.17 1.13 0.00	31.88 1.25 0.00	34.89 1.41 0.00	40.27 1.65 0.00	43.08 1.73 0.00	55.92 2.11 0.00	62.81 2.16 0.00	60.09 2.03 0.00	57.19 1.90 0.00	51.00 1.68 0.00	51.54 1.72 0.00	44.76 1.57 0.00	38.63 1.31 0.00	42.49 1.32 0.00
CH_RES_BVR_FALLS 23983	40.40 -0.79 0.00	33.83 -0.70 0.00	33.92 -0.71 0.00	31.84 -0.57 0.00	32.25 -0.53 0.00	33.85 -0.43 0.00	43.78 -0.51 0.00	48.77 -0.56 0.00	41.26 -0.24 0.00	39.32 -0.05 0.00	30.00 -0.04 0.00	30.59 -0.05 0.00	33.40 -0.09 0.00	38.63 0.02 0.00	41.39 0.04 0.00	53.96 0.15 0.00	61.03 0.38 0.00	58.51 0.46 0.00	55.73 0.43 0.00	49.71 0.39 0.00	50.20 0.38 0.00	43.49 0.31 0.00	37.59 0.27 0.00	41.46 0.29 0.00
CH_RES_NIAGARA 23895	37.44 -3.76 0.00	31.58 -2.95 0.00	32.36 -2.28 0.00	30.25 -2.17 0.00	30.84 -1.94 0.00	32.32 -1.96 0.00	41.47 -2.81 0.00	46.02 -3.31 0.00	39.28 -2.22 0.00	37.97 -1.40 0.00	29.34 -0.69 0.00	30.00 -0.63 0.00	32.68 -0.81 0.00	37.99 -0.63 0.00	40.78 -0.57 0.00	52.55 -1.26 0.00	58.07 -2.58 0.00	55.67 -2.38 0.00	52.97 -2.33 0.00	46.89 -2.44 0.00	47.71 -2.11 0.00	41.19 -1.99 0.00	35.79 -1.53 0.00	39.35 -1.82 0.00
CH_RES_SYRACUSE 23985	40.62 -0.58 0.00	34.06 -0.47 0.00	34.21 -0.42 0.00	32.03 -0.38 0.00	32.40 -0.38 0.00	33.81 -0.47 0.00	43.83 -0.46 0.00	48.88 -0.45 0.00	41.62 0.12 0.00	39.53 0.16 0.00	30.12 0.08 0.00	30.69 0.05 0.00	33.43 -0.06 0.00	38.55 -0.07 0.00	41.40 0.05 0.00	54.01 0.20 0.00	60.86 0.21 0.00	58.47 0.42 0.00	54.96 -0.33 0.00	48.70 -0.62 0.00	49.21 -0.60 0.00	42.57 -0.61 0.00	36.83 -0.50 0.00	40.57 -0.60 0.00
CLINTON_WT_PWR 323605	40.85 -0.34 0.00	34.14 -0.39 0.00	34.30 -0.34 0.00	31.96 -0.45 0.00	32.36 -0.43 0.00	33.98 -0.29 0.00	43.76 -0.52 0.00	49.13 -0.20 0.00	41.76 0.26 0.00	39.68 0.31 0.00	30.07 0.03 0.00	30.69 0.05 0.00	33.58 0.10 0.00	39.02 0.40 0.00	41.91 0.56 0.00	54.61 0.81 0.00	61.90 1.25 0.00	59.43 1.37 0.00	56.58 1.29 0.00	50.59 1.27 0.00	51.04 1.22 0.00	44.24 1.06 0.00	38.23 0.90 0.00	42.15 0.98 0.00
CLINTON___LFGE 323618	41.22 0.02 0.00	34.41 -0.12 0.00	34.57 -0.07 0.00	32.20 -0.21 0.00	32.60 -0.18 0.00	34.24 -0.04 0.00	44.10 -0.19 0.00	49.55 0.22 0.00	42.16 0.66 0.00	39.93 0.56 0.00	30.21 0.17 0.00	30.85 0.21 0.00	33.76 0.27 0.00	39.33 0.71 0.00	42.26 0.91 0.00	55.13 1.33 0.00	62.63 1.98 0.00	60.21 2.15 0.00	57.30 2.01 0.00	51.23 1.91 0.00	51.68 1.86 0.00	44.79 1.61 0.00	38.67 1.35 0.00	42.62 1.46 0.00
COBBLENY_34_KV_TB1 80064	38.11 -3.08 0.00	32.04 -2.49 0.00	32.74 -1.89 0.00	30.61 -1.80 0.00	31.26 -1.53 0.00	32.89 -1.39 0.00	42.48 -1.80 0.00	47.33 -2.00 0.00	40.39 -1.11 0.00	39.03 -0.34 0.00	30.09 0.05 0.00	30.79 0.15 0.00	33.52 0.03 0.00	38.96 0.33 0.00	41.85 0.50 0.00	54.04 0.24 0.00	59.77 -0.89 0.00	57.40 -0.65 0.00	54.63 -0.66 0.00	48.25 -1.08 0.00	49.13 -0.68 0.00	42.09 -1.10 0.00	36.53 -0.80 0.00	40.07 -1.10 0.00
COFFEEN___115KV_TB3 355620	40.12 -1.07 0.00	33.65 -0.88 0.00	33.57 -1.06 0.00	31.48 -0.93 0.00	32.05 -0.74 0.00	33.72 -0.56 0.00	43.77 -0.52 0.00	48.60 -0.73 0.00	40.78 -0.72 0.00	38.38 -0.99 0.00	29.07 -0.97 0.00	29.64 -1.00 0.00	32.20 -1.29 0.00	37.36 -1.26 0.00	40.18 -1.17 0.00	53.57 -0.24 0.00	62.39 1.74 0.00	60.61 2.56 0.00	57.62 2.33 0.00	51.30 1.98 0.00	51.80 1.98 0.00	44.69 1.51 0.00	38.58 1.25 0.00	42.42 1.25 0.00
COLDSPRG_115KV_BK1 355956	38.58 -2.62 0.00	32.41 -2.12 0.00	33.09 -1.54 0.00	31.00 -1.41 0.00	31.73 -1.05 0.00	33.53 -0.74 0.00	43.40 -0.89 0.00	48.45 -0.87 0.00	41.28 -0.22 0.00	39.88 0.52 0.00	30.78 0.74 0.00	31.48 0.84 0.00	34.28 0.79 0.00	39.76 1.14 0.00	42.66 1.31 0.00	55.11 1.31 0.00	61.00 0.35 0.00	58.67 0.61 0.00	55.84 0.55 0.00	49.20 -0.12 0.00	50.16 0.34 0.00	42.81 -0.37 0.00	37.14 -0.19 0.00	40.66 -0.51 0.00
COLONIE_LFGE___ 323577	42.21 1.02 0.00	35.42 0.89 0.00	35.41 0.77 0.00	33.15 0.74 0.00	33.55 0.76 0.00	35.10 0.82 0.00	45.32 1.03 0.00	50.30 0.97 0.00	42.22 0.72 0.00	39.85 0.48 0.00	30.31 0.27 0.00	30.87 0.23 0.00	33.86 0.38 0.00	38.94 0.32 0.00	41.59 0.24 0.00	54.21 0.41 0.00	61.35 0.70 0.00	58.62 0.57 0.00	55.72 0.43 0.00	49.72 0.40 0.00	50.13 0.31 0.00	43.62 0.43 0.00	37.65 0.32 0.00	41.75 0.58 0.00
COOPERNY_115KV_TB1 80082	42.24 1.04 0.00	35.36 0.83 0.00	35.36 0.73 0.00	33.08 0.67 0.00	33.39 0.60 0.00	34.95 0.68 0.00	45.23 0.95 0.00	50.35 1.02 0.00	42.27 0.77 0.00	40.04 0.67 0.00	30.71 0.67 0.00	31.40 0.76 0.00	34.36 0.88 0.00	39.65 1.03 0.00	42.42 1.07 0.00	55.09 1.29 0.00	61.91 1.26 0.00	59.20 1.15 0.00	56.35 1.06 0.00	50.26 0.93 0.00	50.79 0.97 0.00	44.10 0.92 0.00	38.09 0.76 0.00	41.93 0.76 0.00
COPENHAGEN_WT_PWR 323753	39.39 -1.81 0.00	33.01 -1.52 0.00	32.96 -1.67 0.00	30.92 -1.49 0.00	31.48 -1.31 0.00	33.14 -1.14 0.00	43.01 -1.28 0.00	47.71 -1.62 0.00	40.31 -1.19 0.00	38.13 -1.24 0.00	28.90 -1.14 0.00	29.53 -1.12 0.00	32.04 -1.45 0.00	37.23 -1.39 0.00	40.03 -1.33 0.00	53.27 -0.53 0.00	61.71 1.05 0.00	59.85 1.80 0.00	56.87 1.58 0.00	50.68 1.36 0.00	51.16 1.34 0.00	44.20 1.02 0.00	38.19 0.87 0.00	42.04 0.87 0.00
CORNELL_____ 23752	41.14 -0.06 0.00	34.51 -0.02 0.00	34.68 0.05 0.00	32.46 0.05 0.00	32.85 0.07 0.00	34.32 0.04 0.00	44.50 0.22 0.00	49.69 0.36 0.00	41.93 0.43 0.00	39.94 0.57 0.00	30.32 0.28 0.00	30.87 0.23 0.00	33.63 0.14 0.00	38.93 0.31 0.00	41.99 0.64 0.00	54.92 1.12 0.00	61.89 1.24 0.00	59.44 1.38 0.00	56.31 1.02 0.00	49.98 0.66 0.00	50.53 0.72 0.00	43.65 0.46 0.00	37.75 0.43 0.00	41.49 0.32 0.00

CORONA_69_KV_TB1 355595	43.38 2.19 0.00	36.24 1.71 0.00	36.13 1.50 0.00	33.74 1.33 0.00	33.93 1.15 0.00	35.45 1.17 0.00	46.01 1.73 0.00	51.34 2.01 0.00	43.16 1.66 0.00	40.69 1.32 0.00	31.39 1.35 0.00	32.19 1.55 0.00	35.29 1.80 0.00	40.61 1.99 0.00	43.47 2.12 0.00	56.26 2.46 0.00	65.14 2.43 -2.07	86.88 2.29 -26.53	104.50 2.18 -47.03	51.32 1.98 -0.02	51.83 2.01 0.00	45.08 1.91 0.00	39.00 1.67 0.00	42.85 1.69 0.00
CORTLAND_115KV_TB3 80093	41.09 -0.10 0.00	34.45 -0.08 0.00	34.60 -0.03 0.00	32.38 -0.03 0.00	32.77 -0.02 0.00	34.24 -0.03 0.00	44.38 0.09 0.00	49.47 0.14 0.00	41.72 0.22 0.00	39.62 0.25 0.00	30.17 0.13 0.00	30.73 0.10 0.00	33.49 0.01 0.00	38.61 -0.01 0.00	41.48 0.13 0.00	54.24 0.43 0.00	61.14 0.49 0.00	58.64 0.59 0.00	55.64 0.34 0.00	49.47 0.15 0.00	50.00 0.18 0.00	43.23 0.05 0.00	37.38 0.06 0.00	41.15 -0.02 0.00
COXSACKIE___GT 23611	42.96 1.77 0.00	36.05 1.52 0.00	36.03 1.40 0.00	33.74 1.32 0.00	34.13 1.35 0.00	35.73 1.45 0.00	46.14 1.86 0.00	51.47 2.14 0.00	43.19 1.69 0.00	40.44 1.07 0.00	30.61 0.57 0.00	31.36 0.73 0.00	34.08 0.59 0.00	39.18 0.55 0.00	41.94 0.58 0.00	54.88 1.07 0.00	62.93 2.28 0.00	60.61 2.56 0.00	57.64 2.34 0.00	51.30 1.98 0.00	51.65 1.83 0.00	44.82 1.64 0.00	38.64 1.31 0.00	42.57 1.40 0.00
CPV_VALLEY___CC1 323721	42.47 1.28 0.00	35.53 1.01 0.00	35.50 0.87 0.00	33.22 0.81 0.00	33.51 0.72 0.00	35.08 0.81 0.00	45.41 1.13 0.00	50.53 1.20 0.00	42.42 0.93 0.00	40.16 0.79 0.00	30.80 0.76 0.00	31.51 0.87 0.00	34.47 0.98 0.00	39.80 1.18 0.00	42.52 1.17 0.00	55.13 1.33 0.00	61.93 1.28 0.00	59.23 1.17 0.00	56.38 1.09 0.00	50.27 0.94 0.00	50.81 0.99 0.00	44.13 0.95 0.00	38.11 0.79 0.00	41.96 0.79 0.00
CPV_VALLEY___CC2 323722	42.47 1.28 0.00	35.53 1.01 0.00	35.50 0.87 0.00	33.22 0.81 0.00	33.51 0.72 0.00	35.08 0.81 0.00	45.41 1.13 0.00	50.53 1.20 0.00	42.42 0.93 0.00	40.16 0.79 0.00	30.80 0.76 0.00	31.51 0.87 0.00	34.47 0.98 0.00	39.80 1.18 0.00	42.52 1.17 0.00	55.13 1.33 0.00	61.93 1.28 0.00	59.23 1.17 0.00	56.38 1.09 0.00	50.27 0.94 0.00	50.81 0.99 0.00	44.13 0.95 0.00	38.11 0.79 0.00	41.96 0.79 0.00
CRESCENT___HYD 24018	42.21 1.02 0.00	35.42 0.89 0.00	35.41 0.77 0.00	33.15 0.74 0.00	33.55 0.76 0.00	35.10 0.82 0.00	45.32 1.03 0.00	50.30 0.97 0.00	42.22 0.72 0.00	39.85 0.48 0.00	30.31 0.27 0.00	30.87 0.23 0.00	33.86 0.38 0.00	38.94 0.32 0.00	41.59 0.24 0.00	54.21 0.41 0.00	61.35 0.70 0.00	58.62 0.57 0.00	55.72 0.43 0.00	49.72 0.40 0.00	50.13 0.31 0.00	43.62 0.43 0.00	37.65 0.32 0.00	41.75 0.58 0.00
CRICKET___VALLEY_CC1 323756	42.29 1.10 0.00	35.38 0.85 0.00	35.33 0.70 0.00	33.05 0.64 0.00	33.32 0.54 0.00	34.88 0.60 0.00	45.15 0.87 0.00	50.25 0.92 0.00	42.19 0.69 0.00	39.91 0.54 0.00	30.64 0.60 0.00	31.34 0.70 0.00	34.32 0.83 0.00	39.58 0.96 0.00	42.28 0.93 0.00	54.77 0.97 0.00	61.45 0.80 0.00	58.73 0.68 0.00	55.91 0.62 0.00	49.91 0.59 0.00	50.45 0.63 0.00	43.86 0.68 0.00	37.87 0.55 0.00	41.69 0.52 0.00
CRICKET___VALLEY_CC2 323757	42.29 1.10 0.00	35.38 0.85 0.00	35.33 0.70 0.00	33.05 0.64 0.00	33.32 0.54 0.00	34.88 0.60 0.00	45.15 0.87 0.00	50.25 0.92 0.00	42.19 0.69 0.00	39.91 0.54 0.00	30.64 0.60 0.00	31.34 0.70 0.00	34.32 0.83 0.00	39.58 0.96 0.00	42.28 0.93 0.00	54.77 0.97 0.00	61.45 0.80 0.00	58.73 0.68 0.00	55.91 0.62 0.00	49.91 0.59 0.00	50.45 0.63 0.00	43.86 0.68 0.00	37.87 0.55 0.00	41.69 0.52 0.00
CRICKET___VALLEY_CC3 323758	42.29 1.10 0.00	35.38 0.85 0.00	35.33 0.70 0.00	33.05 0.64 0.00	33.32 0.54 0.00	34.88 0.60 0.00	45.15 0.87 0.00	50.25 0.92 0.00	42.19 0.69 0.00	39.91 0.54 0.00	30.64 0.60 0.00	31.34 0.70 0.00	34.32 0.83 0.00	39.58 0.96 0.00	42.28 0.93 0.00	54.77 0.97 0.00	61.45 0.80 0.00	58.73 0.68 0.00	55.91 0.62 0.00	49.91 0.59 0.00	50.45 0.63 0.00	43.86 0.68 0.00	37.87 0.55 0.00	41.69 0.52 0.00
CRUCIBLE_METL_DRP 24180	40.62 -0.58 0.00	34.06 -0.47 0.00	34.21 -0.42 0.00	32.03 -0.38 0.00	32.40 -0.38 0.00	33.81 -0.47 0.00	43.83 -0.46 0.00	48.88 -0.45 0.00	41.62 0.13 0.00	39.53 0.16 0.00	30.12 0.08 0.00	30.68 0.05 0.00	33.43 -0.05 0.00	38.55 -0.07 0.00	41.40 0.05 0.00	54.00 0.20 0.00	60.86 0.21 0.00	58.47 0.41 0.00	54.97 -0.32 0.00	48.70 -0.62 0.00	49.21 -0.60 0.00	42.57 -0.61 0.00	36.83 -0.50 0.00	40.57 -0.60 0.00
DAHOWA___HYDRO 323763	42.64 1.45 0.00	35.78 1.25 0.00	35.81 1.18 0.00	33.53 1.11 0.00	33.97 1.19 0.00	35.54 1.26 0.00	45.94 1.65 0.00	51.05 1.72 0.00	42.87 1.37 0.00	40.25 0.88 0.00	30.52 0.48 0.00	31.07 0.43 0.00	34.04 0.55 0.00	39.10 0.47 0.00	41.88 0.54 0.00	54.98 1.18 0.00	62.45 1.80 0.00	59.80 1.75 0.00	56.82 1.52 0.00	50.57 1.25 0.00	51.01 1.19 0.00	44.40 1.22 0.00	38.33 1.01 0.00	42.51 1.34 0.00
DANC___LFGE 323619	39.71 -1.48 0.00	33.29 -1.25 0.00	33.28 -1.35 0.00	31.20 -1.21 0.00	31.69 -1.09 0.00	33.22 -1.06 0.00	43.05 -1.24 0.00	47.85 -1.48 0.00	40.35 -1.14 0.00	38.23 -1.14 0.00	29.04 -1.00 0.00	29.63 -1.01 0.00	32.19 -1.30 0.00	37.29 -1.33 0.00	40.08 -1.27 0.00	52.88 -0.92 0.00	60.61 -0.04 0.00	58.55 0.50 0.00	55.69 0.39 0.00	49.65 0.32 0.00	50.13 0.31 0.00	43.37 0.19 0.00	37.48 0.16 0.00	41.31 0.14 0.00
DANSKAMMER___1 23586	43.06 1.86 0.00	36.00 1.47 0.00	35.96 1.33 0.00	33.63 1.22 0.00	33.92 1.14 0.00	35.53 1.25 0.00	46.00 1.71 0.00	51.23 1.90 0.00	42.97 1.48 0.00	40.62 1.25 0.00	31.17 1.13 0.00	31.88 1.25 0.00	34.89 1.41 0.00	40.27 1.65 0.00	43.08 1.73 0.00	55.92 2.11 0.00	62.81 2.16 0.00	60.09 2.03 0.00	57.19 1.90 0.00	51.00 1.68 0.00	51.54 1.72 0.00	44.76 1.57 0.00	38.63 1.31 0.00	42.49 1.32 0.00
DANSKAMMER___2 23589	43.06 1.86 0.00	36.00 1.47 0.00	35.96 1.33 0.00	33.63 1.22 0.00	33.92 1.14 0.00	35.53 1.25 0.00	46.00 1.71 0.00	51.23 1.90 0.00	42.97 1.48 0.00	40.62 1.25 0.00	31.17 1.13 0.00	31.88 1.25 0.00	34.89 1.41 0.00	40.27 1.65 0.00	43.08 1.73 0.00	55.92 2.11 0.00	62.81 2.16 0.00	60.09 2.03 0.00	57.19 1.90 0.00	51.00 1.68 0.00	51.54 1.72 0.00	44.76 1.57 0.00	38.63 1.31 0.00	42.49 1.32 0.00
DANSKAMMER___3 23590	43.06 1.86 0.00	36.00 1.47 0.00	35.96 1.33 0.00	33.63 1.22 0.00	33.92 1.14 0.00	35.53 1.25 0.00	46.00 1.71 0.00	51.23 1.90 0.00	42.97 1.48 0.00	40.62 1.25 0.00	31.17 1.13 0.00	31.88 1.25 0.00	34.89 1.41 0.00	40.27 1.65 0.00	43.08 1.73 0.00	55.92 2.11 0.00	62.81 2.16 0.00	60.09 2.03 0.00	57.19 1.90 0.00	51.00 1.68 0.00	51.54 1.72 0.00	44.76 1.57 0.00	38.63 1.31 0.00	42.49 1.32 0.00

DANSKAMMER___4 23591	43.06 1.86 0.00	36.00 1.47 0.00	35.96 1.33 0.00	33.63 1.22 0.00	33.92 1.14 0.00	35.53 1.25 0.00	46.00 1.71 0.00	51.23 1.90 0.00	42.97 1.48 0.00	40.62 1.25 0.00	31.17 1.13 0.00	31.88 1.25 0.00	34.89 1.41 0.00	40.27 1.65 0.00	43.08 1.73 0.00	55.92 2.11 0.00	62.81 2.16 0.00	60.09 2.03 0.00	57.19 1.90 0.00	51.00 1.68 0.00	51.54 1.72 0.00	44.76 1.57 0.00	38.63 1.31 0.00	42.49 1.32 0.00
DANSKAMMER___DIESEL 23592	43.06 1.86 0.00	36.00 1.47 0.00	35.96 1.33 0.00	33.63 1.22 0.00	33.92 1.14 0.00	35.53 1.25 0.00	46.00 1.71 0.00	51.23 1.90 0.00	42.97 1.48 0.00	40.62 1.25 0.00	31.18 1.13 0.00	31.88 1.25 0.00	34.89 1.41 0.00	40.27 1.65 0.00	43.08 1.73 0.00	55.92 2.12 0.00	62.81 2.16 0.00	60.09 2.04 0.00	57.19 1.90 0.00	51.00 1.68 0.00	51.54 1.72 0.00	44.75 1.57 0.00	38.63 1.31 0.00	42.49 1.32 0.00
DARBY___SOLAR 323810	42.54 1.34 0.00	35.70 1.17 0.00	35.72 1.09 0.00	33.45 1.03 0.00	33.87 1.08 0.00	35.43 1.16 0.00	45.81 1.53 0.00	50.89 1.56 0.00	42.72 1.22 0.00	40.13 0.76 0.00	30.44 0.40 0.00	31.00 0.36 0.00	33.96 0.47 0.00	39.03 0.41 0.00	41.81 0.46 0.00	54.81 1.01 0.00	62.23 1.58 0.00	59.57 1.51 0.00	56.61 1.32 0.00	50.41 1.09 0.00	50.83 1.02 0.00	44.26 1.08 0.00	38.20 0.88 0.00	42.37 1.20 0.00
DASHVILLE___HYD 23610	42.57 1.38 0.00	35.61 1.08 0.00	35.56 0.92 0.00	33.26 0.85 0.00	33.55 0.76 0.00	35.13 0.85 0.00	45.47 1.19 0.00	50.65 1.32 0.00	42.48 0.99 0.00	40.16 0.79 0.00	30.80 0.76 0.00	31.52 0.88 0.00	34.47 0.98 0.00	39.76 1.14 0.00	42.52 1.17 0.00	55.17 1.37 0.00	62.04 1.39 0.00	59.35 1.30 0.00	56.52 1.23 0.00	50.44 1.11 0.00	50.94 1.12 0.00	44.26 1.07 0.00	38.19 0.87 0.00	42.02 0.85 0.00
DELAWARE___LFGE 323621	41.85 0.65 0.00	35.06 0.53 0.00	35.15 0.52 0.00	32.90 0.48 0.00	33.25 0.46 0.00	34.75 0.47 0.00	44.96 0.68 0.00	50.05 0.72 0.00	42.11 0.61 0.00	39.94 0.57 0.00	30.54 0.50 0.00	31.19 0.55 0.00	34.11 0.62 0.00	39.35 0.73 0.00	42.16 0.81 0.00	54.91 1.11 0.00	61.71 1.06 0.00	59.05 1.00 0.00	56.18 0.88 0.00	50.06 0.74 0.00	50.61 0.80 0.00	43.83 0.65 0.00	37.87 0.54 0.00	41.69 0.52 0.00
DERFIELD_115KV_TB7 355931	41.21 0.02 0.00	34.56 0.02 0.00	34.63 0.00 0.00	32.41 0.00 0.00	32.78 0.00 0.00	34.28 0.00 0.00	44.33 0.04 0.00	49.33 0.00 0.00	41.46 -0.04 0.00	39.28 -0.09 0.00	29.97 -0.07 0.00	30.58 -0.06 0.00	33.42 -0.07 0.00	38.51 -0.12 0.00	41.23 -0.12 0.00	53.68 -0.12 0.00	60.56 -0.10 0.00	57.94 -0.11 0.00	55.23 -0.07 0.00	49.27 -0.05 0.00	49.77 -0.05 0.00	43.15 -0.03 0.00	37.30 -0.03 0.00	41.15 -0.02 0.00
DOGLEVILLE___HYD 23807	42.99 1.79 0.00	36.10 1.57 0.00	36.12 1.49 0.00	33.80 1.38 0.00	34.18 1.39 0.00	35.58 1.30 0.00	46.00 1.71 0.00	51.21 1.88 0.00	42.22 0.72 0.00	39.32 -0.04 0.00	30.07 0.02 0.00	30.73 0.09 0.00	33.70 0.21 0.00	38.49 -0.13 0.00	41.48 0.13 0.00	54.95 1.15 0.00	62.93 2.28 0.00	60.49 2.43 0.00	58.30 3.00 0.00	52.03 2.71 0.00	52.55 2.74 0.00	45.55 2.37 0.00	39.48 2.15 0.00	43.55 2.38 0.00
DUNKIRK__115KV_TB_200 55889	37.79 -3.40 0.00	31.87 -2.66 0.00	32.58 -2.05 0.00	30.54 -1.87 0.00	31.30 -1.49 0.00	33.00 -1.28 0.00	42.61 -1.68 0.00	47.57 -1.76 0.00	40.56 -0.94 0.00	39.13 -0.24 0.00	30.16 0.12 0.00	30.88 0.24 0.00	33.65 0.16 0.00	39.02 0.40 0.00	41.89 0.54 0.00	54.18 0.38 0.00	59.86 -0.79 0.00	57.56 -0.49 0.00	54.82 -0.47 0.00	48.30 -1.02 0.00	49.28 -0.53 0.00	42.06 -1.12 0.00	36.55 -0.77 0.00	40.08 -1.09 0.00
DUNKIRK___1 23563	37.79 -3.40 0.00	31.87 -2.66 0.00	32.58 -2.05 0.00	30.54 -1.87 0.00	31.30 -1.49 0.00	33.00 -1.28 0.00	42.61 -1.68 0.00	47.57 -1.76 0.00	40.56 -0.94 0.00	39.13 -0.24 0.00	30.16 0.12 0.00	30.88 0.24 0.00	33.65 0.16 0.00	39.02 0.40 0.00	41.89 0.54 0.00	54.18 0.38 0.00	59.86 -0.79 0.00	57.56 -0.49 0.00	54.82 -0.47 0.00	48.30 -1.02 0.00	49.28 -0.53 0.00	42.06 -1.12 0.00	36.55 -0.77 0.00	40.08 -1.09 0.00
DUNKIRK___2 23564	37.79 -3.40 0.00	31.87 -2.66 0.00	32.58 -2.05 0.00	30.54 -1.87 0.00	31.30 -1.49 0.00	33.00 -1.28 0.00	42.61 -1.68 0.00	47.57 -1.76 0.00	40.56 -0.94 0.00	39.13 -0.24 0.00	30.16 0.12 0.00	30.88 0.24 0.00	33.65 0.16 0.00	39.02 0.40 0.00	41.89 0.54 0.00	54.18 0.38 0.00	59.86 -0.79 0.00	57.56 -0.49 0.00	54.82 -0.47 0.00	48.30 -1.02 0.00	49.28 -0.53 0.00	42.06 -1.12 0.00	36.55 -0.77 0.00	40.08 -1.09 0.00
DUNKIRK___3 23565	37.83 -3.37 0.00	31.87 -2.66 0.00	32.55 -2.08 0.00	30.49 -1.93 0.00	31.19 -1.60 0.00	32.86 -1.42 0.00	42.43 -1.85 0.00	47.34 -1.98 0.00	40.34 -1.16 0.00	38.91 -0.46 0.00	30.00 -0.04 0.00	30.70 0.07 0.00	33.44 -0.04 0.00	38.81 0.19 0.00	41.66 0.31 0.00	53.86 0.06 0.00	59.53 -1.13 0.00	57.21 -0.84 0.00	54.49 -0.80 0.00	48.05 -1.27 0.00	49.00 -0.81 0.00	41.88 -1.31 0.00	36.38 -0.94 0.00	39.90 -1.27 0.00
DUNKIRK___4 23566	37.83 -3.37 0.00	31.87 -2.66 0.00	32.55 -2.08 0.00	30.49 -1.93 0.00	31.19 -1.60 0.00	32.86 -1.42 0.00	42.43 -1.85 0.00	47.34 -1.98 0.00	40.34 -1.16 0.00	38.91 -0.46 0.00	30.00 -0.04 0.00	30.70 0.07 0.00	33.44 -0.04 0.00	38.81 0.19 0.00	41.66 0.31 0.00	53.86 0.06 0.00	59.53 -1.13 0.00	57.21 -0.84 0.00	54.49 -0.80 0.00	48.05 -1.27 0.00	49.00 -0.81 0.00	41.88 -1.31 0.00	36.38 -0.94 0.00	39.90 -1.27 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.06 1.87 0.00	36.01 1.48 0.00	35.95 1.32 0.00	33.62 1.20 0.00	33.87 1.08 0.00	35.46 1.18 0.00	45.92 1.63 0.00	51.13 1.80 0.00	42.93 1.43 0.00	40.61 1.24 0.00	31.22 1.18 0.00	31.97 1.33 0.00	35.00 1.51 0.00	40.37 1.75 0.00	43.13 1.78 0.00	55.79 1.99 0.00	62.54 1.89 0.00	59.80 1.75 0.00	56.91 1.62 0.00	50.79 1.47 0.00	51.35 1.53 0.00	44.66 1.48 0.00	38.56 1.24 0.00	42.41 1.24 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	42.83 1.64 0.00	35.82 1.29 0.00	35.78 1.15 0.00	33.46 1.05 0.00	33.75 0.97 0.00	35.35 1.07 0.00	45.77 1.49 0.00	50.94 1.62 0.00	42.74 1.25 0.00	40.41 1.05 0.00	31.01 0.97 0.00	31.72 1.08 0.00	34.71 1.22 0.00	40.07 1.45 0.00	42.84 1.49 0.00	55.58 1.78 0.00	62.46 1.81 0.00	59.75 1.70 0.00	56.87 1.58 0.00	50.71 1.39 0.00	51.26 1.44 0.00	44.52 1.34 0.00	38.43 1.10 0.00	42.27 1.11 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	43.16 1.97 0.00	36.20 1.67 0.00	36.08 1.45 0.00	33.78 1.36 0.00	34.01 1.23 0.00	35.64 1.36 0.00	46.08 1.80 0.00	51.34 2.01 0.00	43.18 1.68 0.00	40.75 1.38 0.00	31.32 1.28 0.00	32.07 1.43 0.00	35.07 1.58 0.00	40.48 1.86 0.00	43.22 1.87 0.00	55.82 2.02 0.00	62.55 1.89 0.00	59.87 1.82 0.00	57.00 1.71 0.00	50.92 1.60 0.00	51.52 1.71 0.00	44.92 1.73 0.00	38.74 1.42 0.00	42.59 1.43 0.00

E179THST_13_KV_LOAD 356214	43.33 2.13 0.00	36.33 1.80 0.00	36.21 1.58 0.00	33.89 1.48 0.00	34.13 1.34 0.00	35.76 1.48 0.00	46.26 1.97 0.00	51.53 2.20 0.00	43.34 1.84 0.00	40.93 1.56 0.00	31.45 1.41 0.00	32.22 1.58 0.00	35.23 1.75 0.00	40.68 2.06 0.00	43.42 2.07 0.00	56.08 2.28 0.00	62.85 2.20 0.00	60.15 2.10 0.00	57.28 1.98 0.00	51.16 1.84 0.00	51.77 1.95 0.00	45.11 1.93 0.00	38.90 1.58 0.00	42.77 1.60 0.00
EAST HAMPTON___GT 23717	41.97 0.77 0.00	34.96 0.43 0.00	34.79 0.15 0.00	32.48 0.07 0.00	32.56 -0.23 0.00	38.53 -0.35 -4.60	50.43 0.20 -5.95	50.97 1.64 0.00	42.91 1.41 0.00	39.59 0.22 0.00	31.35 1.31 0.00	32.26 1.62 0.00	35.56 2.08 0.00	41.36 2.74 0.00	44.21 2.86 0.00	58.03 4.11 -0.13	79.99 4.42 -14.93	298.38 4.34 -235.99	257.69 3.94 -198.45	116.96 3.84 -63.79	85.16 4.00 -31.34	61.69 3.58 -14.93	40.31 2.98 0.00	44.23 3.06 0.00
EAST RIVER___6 23660	43.35 2.16 0.00	36.26 1.73 0.00	36.19 1.56 0.00	33.80 1.39 0.00	34.06 1.27 0.00	35.67 1.39 0.00	46.16 1.87 0.00	51.40 2.07 0.00	43.15 1.66 0.00	40.84 1.47 0.00	31.41 1.38 0.00	32.21 1.57 0.00	35.24 1.75 0.00	40.64 2.02 0.00	43.47 2.12 0.00	56.21 2.41 0.00	62.97 2.32 0.00	60.21 2.16 0.00	57.19 1.90 0.00	51.05 1.73 0.00	51.59 1.78 0.00	44.91 1.73 0.00	38.79 1.46 0.00	42.63 1.46 0.00
EAST RIVER___7 23524	43.35 2.16 0.00	36.26 1.73 0.00	36.19 1.56 0.00	33.80 1.39 0.00	34.06 1.27 0.00	35.67 1.39 0.00	46.16 1.87 0.00	51.40 2.07 0.00	43.15 1.66 0.00	40.84 1.47 0.00	31.41 1.38 0.00	32.21 1.57 0.00	35.24 1.75 0.00	40.64 2.02 0.00	43.47 2.12 0.00	56.21 2.41 0.00	62.97 2.32 0.00	60.21 2.16 0.00	57.19 1.90 0.00	51.05 1.73 0.00	51.59 1.78 0.00	44.91 1.73 0.00	38.79 1.46 0.00	42.63 1.46 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	42.93 1.73 0.00	35.90 1.37 0.00	35.83 1.20 0.00	33.51 1.10 0.00	33.77 0.99 0.00	35.37 1.09 0.00	45.78 1.50 0.00	50.98 1.65 0.00	42.80 1.30 0.00	40.50 1.14 0.00	31.12 1.08 0.00	31.85 1.21 0.00	34.88 1.39 0.00	40.23 1.61 0.00	42.98 1.63 0.00	55.63 1.82 0.00	62.40 1.75 0.00	59.65 1.60 0.00	56.78 1.49 0.00	50.65 1.33 0.00	51.20 1.38 0.00	44.52 1.34 0.00	38.44 1.12 0.00	42.29 1.12 0.00
EAST_HAMPTON___DIESEL 23722	41.82 0.63 0.00	34.85 0.32 0.00	34.65 0.02 0.00	32.36 -0.05 0.00	32.44 -0.34 0.00	38.41 -0.47 -4.60	50.28 0.05 -5.95	50.87 1.54 0.00	42.80 1.31 0.00	39.46 0.09 0.00	31.29 1.26 0.00	32.22 1.59 0.00	35.53 2.05 0.00	41.36 2.74 0.00	44.18 2.83 0.00	58.01 4.08 -0.13	79.98 4.40 -14.93	298.36 4.32 -235.99	257.68 3.94 -198.45	116.95 3.83 -63.79	85.16 4.00 -31.34	61.69 3.58 -14.93	40.30 2.98 0.00	44.22 3.05 0.00
EAST_POINT___SOLAR 323840	42.06 0.87 0.00	35.25 0.72 0.00	35.38 0.75 0.00	33.09 0.68 0.00	33.46 0.67 0.00	34.97 0.70 0.00	45.26 0.97 0.00	50.52 1.19 0.00	42.14 0.64 0.00	39.32 -0.05 0.00	29.93 -0.11 0.00	30.66 0.02 0.00	33.40 -0.08 0.00	38.07 -0.56 0.00	40.83 -0.52 0.00	54.44 0.63 0.00	62.54 1.89 0.00	60.15 2.10 0.00	56.92 1.63 0.00	50.65 1.33 0.00	51.13 1.32 0.00	44.23 1.04 0.00	38.22 0.90 0.00	42.08 0.91 0.00
EAST_PULASKI___ESR 323781	40.06 -1.14 0.00	33.57 -0.96 0.00	33.62 -1.01 0.00	31.50 -0.91 0.00	31.93 -0.85 0.00	33.35 -0.93 0.00	43.19 -1.10 0.00	48.09 -1.24 0.00	40.44 -1.06 0.00	38.34 -1.03 0.00	29.16 -0.88 0.00	29.73 -0.91 0.00	32.36 -1.13 0.00	37.38 -1.23 0.00	40.15 -1.20 0.00	52.56 -1.24 0.00	59.63 -1.03 0.00	57.33 -0.72 0.00	54.60 -0.69 0.00	48.68 -0.64 0.00	49.18 -0.63 0.00	42.58 -0.60 0.00	36.82 -0.50 0.00	40.60 -0.57 0.00
EAST_RIVER___1 323558	43.29 2.10 0.00	36.21 1.68 0.00	36.13 1.50 0.00	33.78 1.37 0.00	34.04 1.25 0.00	35.65 1.37 0.00	46.14 1.86 0.00	51.40 2.07 0.00	43.14 1.64 0.00	40.82 1.45 0.00	31.41 1.37 0.00	32.17 1.53 0.00	35.20 1.71 0.00	40.61 1.99 0.00	43.38 2.03 0.00	56.09 2.29 0.00	62.82 2.17 0.00	60.07 2.02 0.00	57.15 1.86 0.00	51.02 1.70 0.00	51.60 1.78 0.00	44.92 1.74 0.00	38.79 1.46 0.00	42.63 1.46 0.00
EAST_RIVER___2 323559	43.35 2.16 0.00	36.26 1.73 0.00	36.19 1.56 0.00	33.80 1.39 0.00	34.06 1.27 0.00	35.67 1.39 0.00	46.16 1.87 0.00	51.40 2.07 0.00	43.15 1.66 0.00	40.84 1.47 0.00	31.41 1.38 0.00	32.21 1.57 0.00	35.24 1.75 0.00	40.64 2.02 0.00	43.47 2.12 0.00	56.21 2.41 0.00	62.97 2.32 0.00	60.21 2.16 0.00	57.19 1.90 0.00	51.05 1.73 0.00	51.59 1.78 0.00	44.91 1.73 0.00	38.79 1.46 0.00	42.63 1.46 0.00
EAST___DELAWARE_HYD 23607	42.02 0.82 0.00	35.12 0.59 0.00	35.07 0.44 0.00	32.80 0.39 0.00	33.09 0.31 0.00	34.67 0.39 0.00	44.90 0.61 0.00	50.02 0.69 0.00	41.89 0.40 0.00	39.52 0.15 0.00	30.30 0.26 0.00	30.94 0.30 0.00	33.83 0.34 0.00	39.09 0.47 0.00	41.83 0.48 0.00	54.62 0.82 0.00	61.50 0.84 0.00	58.88 0.83 0.00	56.09 0.80 0.00	50.02 0.70 0.00	50.51 0.69 0.00	43.84 0.66 0.00	37.84 0.52 0.00	41.60 0.43 0.00
EIGHT_POINT___WT_PWR 323820	37.22 -3.97 0.00	31.11 -3.41 0.00	31.63 -3.01 0.00	29.44 -2.97 0.00	29.94 -2.84 0.00	32.00 -2.27 0.00	41.74 -2.55 0.00	47.11 -2.22 0.00	40.50 -1.00 0.00	39.22 -0.15 0.00	30.09 0.05 0.00	30.78 0.14 0.00	33.53 0.04 0.00	39.03 0.41 0.00	42.15 0.80 0.00	54.61 0.81 0.00	60.44 -0.21 0.00	58.03 -0.03 0.00	55.37 0.08 0.00	48.84 -0.48 0.00	49.80 -0.02 0.00	42.53 -0.65 0.00	36.94 -0.38 0.00	40.44 -0.73 0.00
ELBRIDGE_115KV_TB2 80188	40.40 -0.79 0.00	33.89 -0.64 0.00	34.05 -0.59 0.00	31.88 -0.53 0.00	32.22 -0.56 0.00	33.61 -0.66 0.00	43.61 -0.68 0.00	48.65 -0.69 0.00	41.76 0.26 0.00	39.71 0.34 0.00	30.26 0.22 0.00	30.82 0.18 0.00	33.58 0.09 0.00	38.73 0.11 0.00	41.58 0.23 0.00	54.22 0.42 0.00	61.12 0.47 0.00	58.79 0.74 0.00	54.86 -0.44 0.00	48.43 -0.89 0.00	48.94 -0.88 0.00	42.35 -0.84 0.00	36.64 -0.69 0.00	40.33 -0.84 0.00
ELEC_TRO_TEK 24086	43.23 2.04 0.00	36.12 1.59 0.00	36.01 1.38 0.00	33.63 1.21 0.00	33.82 1.04 0.00	35.34 1.06 0.00	45.84 1.55 0.00	51.18 1.84 0.00	43.03 1.53 0.00	40.57 1.20 0.00	31.29 1.25 0.00	32.08 1.44 0.00	35.17 1.68 0.00	40.46 1.84 0.00	43.31 1.96 0.00	56.06 2.26 0.00	64.91 2.22 -2.04	86.34 2.08 -26.21	103.73 1.98 -46.46	51.14 1.81 -0.01	51.64 1.82 0.00	44.92 1.74 0.00	38.86 1.53 0.00	42.71 1.54 0.00
ELLENBURG_WT_PWR 323604	40.85 -0.34 0.00	34.14 -0.39 0.00	34.30 -0.34 0.00	31.96 -0.45 0.00	32.36 -0.43 0.00	33.98 -0.29 0.00	43.76 -0.52 0.00	49.13 -0.20 0.00	41.76 0.26 0.00	39.68 0.31 0.00	30.07 0.03 0.00	30.69 0.05 0.00	33.58 0.10 0.00	39.02 0.40 0.00	41.91 0.56 0.00	54.61 0.81 0.00	61.90 1.25 0.00	59.43 1.37 0.00	56.58 1.29 0.00	50.59 1.27 0.00	51.04 1.22 0.00	44.24 1.06 0.00	38.23 0.90 0.00	42.15 0.98 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	37.90 -3.29 0.00	31.91 -2.62 0.00	32.63 -2.00 0.00	30.51 -1.91 0.00	31.15 -1.64 0.00	32.73 -1.55 0.00	42.24 -2.04 0.00	47.02 -2.31 0.00	40.11 -1.39 0.00	38.74 -0.63 0.00	29.89 -0.15 0.00	30.58 -0.06 0.00	33.30 -0.19 0.00	38.69 0.07 0.00	41.55 0.20 0.00	53.62 -0.18 0.00	59.29 -1.36 0.00	56.91 -1.14 0.00	54.15 -1.14 0.00	47.85 -1.47 0.00	48.74 -1.08 0.00	41.80 -1.38 0.00	36.29 -1.04 0.00	39.85 -1.33 0.00
EMPIRE_CC_1 323656	41.78 0.58 0.00	35.14 0.61 0.00	35.11 0.48 0.00	32.88 0.46 0.00	33.25 0.46 0.00	34.75 0.47 0.00	44.75 0.46 0.00	49.62 0.29 0.00	41.66 0.16 0.00	39.40 0.03 0.00	30.01 -0.03 0.00	30.59 -0.04 0.00	33.57 0.08 0.00	38.58 -0.04 0.00	41.14 -0.21 0.00	53.41 -0.39 0.00	60.32 -0.33 0.00	57.49 -0.56 0.00	54.67 -0.62 0.00	48.88 -0.44 0.00	49.33 -0.49 0.00	42.95 -0.23 0.00	37.08 -0.24 0.00	41.13 -0.04 0.00
EMPIRE_CC_2 323658	41.78 0.58 0.00	35.14 0.61 0.00	35.11 0.48 0.00	32.88 0.46 0.00	33.25 0.46 0.00	34.75 0.47 0.00	44.75 0.46 0.00	49.62 0.29 0.00	41.66 0.16 0.00	39.40 0.03 0.00	30.01 -0.03 0.00	30.59 -0.04 0.00	33.57 0.08 0.00	38.58 -0.04 0.00	41.14 -0.21 0.00	53.41 -0.39 0.00	60.32 -0.33 0.00	57.49 -0.56 0.00	54.67 -0.62 0.00	48.88 -0.44 0.00	49.33 -0.49 0.00	42.95 -0.23 0.00	37.08 -0.24 0.00	41.13 -0.04 0.00
ENORWICH_115KV_TB1 80156	41.50 0.31 0.00	35.11 0.58 0.00	35.58 0.95 0.00	33.38 0.96 0.00	33.72 0.94 0.00	34.88 0.61 0.00	45.17 0.89 0.00	50.95 1.62 0.00	42.49 0.99 0.00	40.62 1.25 0.00	30.93 0.89 0.00	31.57 0.93 0.00	34.55 1.06 0.00	40.04 1.42 0.00	43.50 2.15 0.00	57.63 3.83 0.00	65.56 4.91 0.00	62.99 4.93 0.00	59.79 4.50 0.00	53.10 3.78 0.00	53.68 3.86 0.00	46.30 3.12 0.00	39.94 2.62 0.00	43.79 2.62 0.00
ERIE_ST__34_KV_TB1-2 80199	38.20 -2.99 0.00	32.09 -2.44 0.00	32.76 -1.87 0.00	30.63 -1.79 0.00	31.26 -1.52 0.00	32.87 -1.41 0.00	42.47 -1.82 0.00	47.34 -1.99 0.00	40.38 -1.12 0.00	39.00 -0.37 0.00	30.04 0.00 0.00	30.76 0.12 0.00	33.48 -0.01 0.00	38.86 0.24 0.00	41.78 0.42 0.00	53.96 0.16 0.00	59.65 -1.00 0.00	57.31 -0.74 0.00	54.55 -0.75 0.00	48.18 -1.15 0.00	49.06 -0.75 0.00	42.04 -1.14 0.00	36.47 -0.85 0.00	40.02 -1.15 0.00
ERIE_WT_PWR 323693	37.98 -3.21 0.00	31.94 -2.59 0.00	32.64 -1.99 0.00	30.54 -1.87 0.00	31.21 -1.58 0.00	32.84 -1.44 0.00	42.41 -1.88 0.00	47.24 -2.10 0.00	40.29 -1.21 0.00	38.96 -0.41 0.00	30.04 0.00 0.00	30.73 0.09 0.00	33.45 -0.04 0.00	38.89 0.27 0.00	41.77 0.42 0.00	53.93 0.13 0.00	59.62 -1.03 0.00	57.26 -0.79 0.00	54.48 -0.81 0.00	48.12 -1.20 0.00	49.02 -0.80 0.00	41.99 -1.19 0.00	36.48 -0.85 0.00	40.03 -1.14 0.00
ESPRGFLD_115KV_TB1 80157	41.21 0.01 0.00	34.52 -0.01 0.00	34.72 0.09 0.00	32.49 0.08 0.00	32.86 0.08 0.00	34.30 0.02 0.00	44.35 0.06 0.00	49.56 0.23 0.00	41.74 0.24 0.00	39.77 0.40 0.00	30.46 0.42 0.00	31.15 0.51 0.00	34.00 0.52 0.00	39.29 0.66 0.00	42.13 0.77 0.00	55.00 1.20 0.00	61.93 1.28 0.00	59.39 1.34 0.00	56.19 0.89 0.00	50.00 0.68 0.00	50.54 0.72 0.00	43.68 0.50 0.00	37.76 0.44 0.00	41.50 0.33 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	41.14 -0.05 0.00	34.51 -0.02 0.00	34.69 0.06 0.00	32.47 0.05 0.00	32.85 0.06 0.00	34.30 0.02 0.00	44.48 0.19 0.00	49.65 0.32 0.00	41.89 0.39 0.00	39.89 0.52 0.00	30.30 0.26 0.00	30.85 0.21 0.00	33.61 0.13 0.00	38.89 0.27 0.00	41.91 0.56 0.00	54.82 1.02 0.00	61.79 1.14 0.00	59.33 1.27 0.00	56.21 0.92 0.00	49.89 0.57 0.00	50.44 0.63 0.00	43.58 0.40 0.00	37.68 0.36 0.00	41.43 0.26 0.00
ETNA____115KV_TB2 80207	41.14 -0.05 0.00	34.51 -0.02 0.00	34.69 0.06 0.00	32.47 0.05 0.00	32.85 0.06 0.00	34.30 0.02 0.00	44.48 0.19 0.00	49.65 0.32 0.00	41.89 0.39 0.00	39.89 0.52 0.00	30.30 0.26 0.00	30.85 0.21 0.00	33.61 0.13 0.00	38.89 0.27 0.00	41.91 0.56 0.00	54.82 1.02 0.00	61.79 1.14 0.00	59.33 1.27 0.00	56.21 0.92 0.00	49.89 0.57 0.00	50.44 0.63 0.00	43.58 0.40 0.00	37.68 0.36 0.00	41.43 0.26 0.00
EUCLID__115KV_TB2 356179	40.21 -0.99 0.00	33.73 -0.80 0.00	33.88 -0.75 0.00	31.72 -0.69 0.00	32.10 -0.68 0.00	33.50 -0.78 0.00	43.38 -0.91 0.00	48.35 -0.98 0.00	40.76 -0.73 0.00	38.70 -0.67 0.00	29.51 -0.53 0.00	30.08 -0.56 0.00	32.79 -0.69 0.00	37.80 -0.82 0.00	40.56 -0.79 0.00	52.83 -0.97 0.00	59.46 -1.20 0.00	57.00 -1.05 0.00	54.13 -1.17 0.00	48.17 -1.16 0.00	48.69 -1.13 0.00	42.13 -1.05 0.00	36.45 -0.88 0.00	40.18 -0.99 0.00
E_CANADA_CAP_HY 24051	41.14 -0.05 0.00	34.47 -0.05 0.00	34.65 0.02 0.00	32.42 0.01 0.00	32.79 0.01 0.00	34.21 -0.07 0.00	44.16 -0.13 0.00	49.30 -0.03 0.00	41.40 -0.10 0.00	39.24 -0.13 0.00	30.02 -0.02 0.00	30.69 0.05 0.00	33.52 0.04 0.00	38.57 -0.05 0.00	41.31 -0.04 0.00	54.07 0.26 0.00	61.17 0.52 0.00	58.76 0.71 0.00	55.45 0.16 0.00	49.36 0.03 0.00	49.85 0.04 0.00	43.14 -0.04 0.00	37.39 0.07 0.00	41.19 0.02 0.00
E_CANADA_MHWK_HY 24050	42.99 1.79 0.00	36.10 1.57 0.00	36.12 1.49 0.00	33.79 1.38 0.00	34.18 1.39 0.00	35.58 1.30 0.00	46.00 1.71 0.00	51.21 1.88 0.00	42.22 0.72 0.00	39.32 -0.04 0.00	30.07 0.02 0.00	30.73 0.09 0.00	33.69 0.21 0.00	38.49 -0.13 0.00	41.48 0.13 0.00	54.95 1.15 0.00	62.93 2.28 0.00	60.49 2.43 0.00	58.30 3.00 0.00	52.03 2.71 0.00	52.55 2.73 0.00	45.55 2.36 0.00	39.47 2.15 0.00	43.55 2.38 0.00
E_FISHKILL__LBMP 23776	42.66 1.46 0.00	35.69 1.16 0.00	35.63 1.00 0.00	33.33 0.92 0.00	33.60 0.82 0.00	35.19 0.91 0.00	45.54 1.26 0.00	50.69 1.36 0.00	42.56 1.06 0.00	40.26 0.89 0.00	30.91 0.87 0.00	31.63 0.99 0.00	34.63 1.15 0.00	39.95 1.33 0.00	42.68 1.33 0.00	55.27 1.46 0.00	62.02 1.37 0.00	59.30 1.24 0.00	56.45 1.16 0.00	50.37 1.05 0.00	50.91 1.10 0.00	44.25 1.07 0.00	38.22 0.89 0.00	42.06 0.89 0.00
FALCON__SEABRD_CC1 323796	41.08 -0.11 0.00	34.32 -0.21 0.00	34.48 -0.15 0.00	32.12 -0.30 0.00	32.52 -0.27 0.00	34.14 -0.14 0.00	43.95 -0.34 0.00	49.37 0.04 0.00	42.01 0.52 0.00	39.85 0.49 0.00	30.19 0.15 0.00	30.83 0.19 0.00	33.75 0.26 0.00	39.23 0.61 0.00	42.16 0.81 0.00	54.98 1.17 0.00	62.36 1.71 0.00	59.88 1.83 0.00	57.00 1.70 0.00	50.99 1.67 0.00	51.45 1.63 0.00	44.62 1.44 0.00	38.53 1.21 0.00	42.48 1.31 0.00
FALCON__SEABRD_CC2 323797	41.08 -0.11 0.00	34.32 -0.21 0.00	34.48 -0.15 0.00	32.12 -0.30 0.00	32.52 -0.27 0.00	34.14 -0.14 0.00	43.95 -0.34 0.00	49.37 0.04 0.00	42.01 0.52 0.00	39.85 0.49 0.00	30.19 0.15 0.00	30.83 0.19 0.00	33.75 0.26 0.00	39.23 0.61 0.00	42.16 0.81 0.00	54.98 1.17 0.00	62.36 1.71 0.00	59.88 1.83 0.00	57.00 1.70 0.00	50.99 1.67 0.00	51.45 1.63 0.00	44.62 1.44 0.00	38.53 1.21 0.00	42.48 1.31 0.00

FAR ROCKAWAY___4 23548	43.70 2.50 0.00	36.50 1.97 0.00	36.38 1.75 0.00	33.97 1.56 0.00	34.17 1.38 0.00	35.70 1.42 0.00	46.36 2.07 0.00	51.75 2.42 0.00	43.50 2.01 0.00	41.00 1.63 0.00	31.62 1.58 0.00	32.43 1.79 0.00	35.55 2.07 0.00	40.93 2.31 0.00	43.82 2.47 0.00	56.74 2.94 0.00	65.51 3.00 -1.86	84.85 2.83 -23.97	100.47 2.70 -42.48	51.78 2.45 -0.01	52.29 2.47 0.00	45.47 2.28 0.00	39.32 1.99 0.00	43.18 2.01 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.28 2.09 0.00	36.20 1.67 0.00	36.12 1.49 0.00	33.78 1.36 0.00	34.03 1.24 0.00	35.64 1.37 0.00	46.14 1.85 0.00	51.38 2.05 0.00	43.14 1.64 0.00	40.81 1.45 0.00	31.41 1.37 0.00	32.17 1.53 0.00	35.20 1.71 0.00	40.61 1.99 0.00	43.38 2.03 0.00	56.07 2.26 0.00	62.80 2.15 0.00	60.05 2.00 0.00	57.16 1.86 0.00	51.03 1.71 0.00	51.60 1.79 0.00	44.93 1.75 0.00	38.79 1.47 0.00	42.66 1.49 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.29 2.10 0.00	36.21 1.68 0.00	36.12 1.49 0.00	33.78 1.37 0.00	34.04 1.25 0.00	35.65 1.37 0.00	46.15 1.86 0.00	51.40 2.07 0.00	43.14 1.64 0.00	40.82 1.45 0.00	31.41 1.37 0.00	32.17 1.53 0.00	35.20 1.71 0.00	40.61 1.99 0.00	43.38 2.03 0.00	56.07 2.26 0.00	62.81 2.16 0.00	60.05 2.00 0.00	57.16 1.86 0.00	51.05 1.73 0.00	51.61 1.80 0.00	44.94 1.76 0.00	38.80 1.47 0.00	42.66 1.49 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.26 2.06 0.00	36.19 1.66 0.00	36.10 1.47 0.00	33.76 1.35 0.00	34.02 1.23 0.00	35.63 1.35 0.00	46.12 1.83 0.00	51.35 2.02 0.00	43.12 1.62 0.00	40.80 1.43 0.00	31.38 1.34 0.00	32.15 1.51 0.00	35.17 1.69 0.00	40.59 1.97 0.00	43.35 2.00 0.00	56.03 2.23 0.00	62.76 2.10 0.00	60.00 1.95 0.00	57.12 1.82 0.00	51.00 1.68 0.00	51.58 1.76 0.00	44.90 1.72 0.00	38.78 1.46 0.00	42.62 1.45 0.00
FARRAGUT___LBMP 323566	43.23 2.04 0.00	36.17 1.64 0.00	36.09 1.45 0.00	33.75 1.33 0.00	33.99 1.21 0.00	35.61 1.33 0.00	46.09 1.81 0.00	51.32 1.99 0.00	43.09 1.60 0.00	40.76 1.39 0.00	31.36 1.33 0.00	32.13 1.49 0.00	35.15 1.66 0.00	40.56 1.94 0.00	43.32 1.97 0.00	55.98 2.18 0.00	62.71 2.06 0.00	59.97 1.91 0.00	57.07 1.78 0.00	50.96 1.63 0.00	51.54 1.73 0.00	44.88 1.70 0.00	38.75 1.43 0.00	42.61 1.44 0.00
FENNER___WINDPWR 24204	41.43 0.23 0.00	34.75 0.21 0.00	34.88 0.26 0.00	32.66 0.24 0.00	33.05 0.27 0.00	34.58 0.30 0.00	44.86 0.57 0.00	49.95 0.62 0.00	42.07 0.57 0.00	39.91 0.55 0.00	30.41 0.37 0.00	30.96 0.32 0.00	33.72 0.23 0.00	38.79 0.17 0.00	41.59 0.24 0.00	54.48 0.68 0.00	61.79 1.14 0.00	59.27 1.22 0.00	56.30 1.01 0.00	50.08 0.76 0.00	50.59 0.77 0.00	43.78 0.59 0.00	37.82 0.50 0.00	41.64 0.47 0.00
FIBERTEK___ENERGY 23856	40.62 -0.58 0.00	34.06 -0.47 0.00	34.21 -0.42 0.00	32.03 -0.38 0.00	32.40 -0.38 0.00	33.81 -0.47 0.00	43.83 -0.46 0.00	48.88 -0.45 0.00	41.62 0.13 0.00	39.53 0.16 0.00	30.12 0.08 0.00	30.68 0.05 0.00	33.43 -0.05 0.00	38.55 -0.07 0.00	41.40 0.05 0.00	54.00 0.20 0.00	60.86 0.21 0.00	58.47 0.41 0.00	54.97 -0.32 0.00	48.70 -0.62 0.00	49.21 -0.60 0.00	42.57 -0.61 0.00	36.83 -0.50 0.00	40.57 -0.60 0.00
FITZPATRICK___ 23598	39.77 -1.43 0.00	33.36 -1.17 0.00	33.50 -1.13 0.00	31.37 -1.05 0.00	31.72 -1.06 0.00	33.08 -1.20 0.00	42.84 -1.45 0.00	47.72 -1.61 0.00	40.10 -1.40 0.00	38.06 -1.30 0.00	28.99 -1.05 0.00	29.55 -1.09 0.00	32.25 -1.24 0.00	37.14 -1.48 0.00	39.82 -1.53 0.00	51.84 -1.97 0.00	58.36 -2.29 0.00	55.92 -2.14 0.00	53.27 -2.02 0.00	47.48 -1.85 0.00	47.98 -1.84 0.00	41.55 -1.63 0.00	35.96 -1.37 0.00	39.66 -1.51 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	43.12 1.93 0.00	36.06 1.53 0.00	36.01 1.38 0.00	33.68 1.27 0.00	33.97 1.19 0.00	35.58 1.30 0.00	46.08 1.80 0.00	51.32 1.99 0.00	43.06 1.56 0.00	40.69 1.32 0.00	31.24 1.20 0.00	31.94 1.31 0.00	34.96 1.47 0.00	40.35 1.73 0.00	43.17 1.82 0.00	56.02 2.22 0.00	62.92 2.27 0.00	60.20 2.15 0.00	57.29 2.00 0.00	51.10 1.78 0.00	51.63 1.81 0.00	44.83 1.65 0.00	38.70 1.37 0.00	42.56 1.39 0.00
FORT ORANGE___ 23900	41.91 0.72 0.00	35.21 0.68 0.00	35.19 0.56 0.00	32.96 0.54 0.00	33.31 0.53 0.00	34.85 0.57 0.00	44.94 0.66 0.00	49.93 0.60 0.00	41.96 0.46 0.00	39.60 0.23 0.00	30.19 0.15 0.00	30.81 0.17 0.00	33.70 0.21 0.00	38.76 0.14 0.00	41.40 0.05 0.00	53.83 0.03 0.00	60.95 0.30 0.00	58.27 0.22 0.00	55.45 0.16 0.00	49.51 0.19 0.00	49.93 0.11 0.00	43.43 0.25 0.00	37.51 0.18 0.00	41.41 0.23 0.00
FORT_DRUM_COGEN 23780	39.91 -1.28 0.00	33.44 -1.09 0.00	33.40 -1.23 0.00	31.33 -1.08 0.00	31.89 -0.90 0.00	33.55 -0.73 0.00	43.52 -0.76 0.00	48.32 -1.01 0.00	40.67 -0.83 0.00	38.37 -0.99 0.00	29.08 -0.97 0.00	29.69 -0.95 0.00	32.25 -1.24 0.00	37.43 -1.19 0.00	40.23 -1.12 0.00	53.54 -0.26 0.00	62.14 1.48 0.00	60.29 2.24 0.00	57.30 2.01 0.00	51.03 1.70 0.00	51.51 1.69 0.00	44.48 1.30 0.00	38.41 1.09 0.00	42.27 1.10 0.00
FOX_HILLS___ESR 323835	43.35 2.16 0.00	36.30 1.77 0.00	36.19 1.56 0.00	33.86 1.45 0.00	34.12 1.33 0.00	35.77 1.49 0.00	46.27 1.98 0.00	51.45 2.12 0.00	43.31 1.81 0.00	40.94 1.57 0.00	31.50 1.46 0.00	32.26 1.62 0.00	35.27 1.79 0.00	40.71 2.09 0.00	43.46 2.11 0.00	56.05 2.24 0.00	62.69 2.04 0.00	60.07 2.02 0.00	57.22 1.92 0.00	51.23 1.91 0.00	51.68 1.86 0.00	44.93 1.75 0.00	38.77 1.45 0.00	42.64 1.47 0.00
FPL_FAR_ROCK_GT1 24212	43.70 2.50 0.00	36.50 1.97 0.00	36.38 1.75 0.00	33.97 1.56 0.00	34.17 1.38 0.00	35.69 1.42 0.00	46.36 2.07 0.00	51.74 2.42 0.00	43.51 2.01 0.00	41.00 1.63 0.00	31.62 1.58 0.00	32.43 1.79 0.00	35.55 2.07 0.00	40.93 2.31 0.00	43.82 2.47 0.00	56.74 2.94 0.00	65.52 3.00 -1.86	84.85 2.83 -23.97	100.48 2.70 -42.48	51.78 2.44 -0.01	52.29 2.47 0.00	45.46 2.28 0.00	39.31 1.99 0.00	43.18 2.01 0.00
FPL_FAR_ROCK_GT2 23815	43.70 2.50 0.00	36.50 1.97 0.00	36.38 1.75 0.00	33.97 1.56 0.00	34.17 1.38 0.00	35.69 1.42 0.00	46.36 2.07 0.00	51.74 2.42 0.00	43.51 2.01 0.00	41.00 1.63 0.00	31.62 1.58 0.00	32.43 1.79 0.00	35.55 2.07 0.00	40.93 2.31 0.00	43.82 2.47 0.00	56.74 2.94 0.00	65.52 3.00 -1.86	84.85 2.83 -23.97	100.48 2.70 -42.48	51.78 2.44 -0.01	52.29 2.47 0.00	45.46 2.28 0.00	39.31 1.99 0.00	43.18 2.01 0.00
FRANKLIN_FALL_HYD 24054	41.42 0.23 0.00	34.59 0.06 0.00	34.76 0.13 0.00	32.40 -0.02 0.00	32.82 0.03 0.00	34.48 0.20 0.00	44.42 0.13 0.00	49.87 0.54 0.00	42.37 0.88 0.00	40.28 0.92 0.00	30.54 0.51 0.00	31.16 0.52 0.00	34.06 0.57 0.00	39.58 0.96 0.00	42.51 1.16 0.00	55.41 1.61 0.00	63.01 2.36 0.00	60.65 2.59 0.00	57.75 2.46 0.00	51.56 2.24 0.00	52.01 2.19 0.00	45.02 1.84 0.00	38.86 1.54 0.00	42.80 1.63 0.00



FREEPORT_EQUS_GT1 23764	43.44 2.24 0.00	36.27 1.73 0.00	36.14 1.51 0.00	33.74 1.32 0.00	33.91 1.13 0.00	35.41 1.14 0.00	45.98 1.69 0.00	51.40 2.07 0.00	43.24 1.75 0.00	40.73 1.36 0.00	31.38 1.34 0.00	32.17 1.54 0.00	35.30 1.81 0.00	40.61 1.99 0.00	43.50 2.15 0.00	56.38 2.58 0.00	64.87 2.65 -1.57	80.54 2.32 -20.16	93.34 2.32 -35.73	51.48 2.15 -0.01	52.03 2.21 0.00	45.19 2.01 0.00	39.12 1.80 0.00	42.98 1.81 0.00
FREEPORT___CT2 23818	43.44 2.24 0.00	36.27 1.73 0.00	36.14 1.51 0.00	33.74 1.32 0.00	33.91 1.13 0.00	35.41 1.14 0.00	45.98 1.69 0.00	51.40 2.07 0.00	43.24 1.75 0.00	40.73 1.36 0.00	31.38 1.34 0.00	32.17 1.54 0.00	35.30 1.81 0.00	40.61 1.99 0.00	43.50 2.15 0.00	56.38 2.58 0.00	64.87 2.65 -1.57	80.54 2.32 -20.16	93.34 2.32 -35.73	51.48 2.15 -0.01	52.03 2.21 0.00	45.19 2.01 0.00	39.12 1.80 0.00	42.98 1.81 0.00
FRESHKLS_33_KV_LOAD 356253	43.44 2.25 0.00	36.37 1.84 0.00	36.26 1.63 0.00	33.93 1.52 0.00	34.19 1.40 0.00	35.84 1.57 0.00	46.36 2.07 0.00	51.52 2.19 0.00	43.39 1.89 0.00	41.01 1.64 0.00	31.54 1.50 0.00	32.27 1.63 0.00	35.29 1.80 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.07 2.27 0.00	62.69 2.04 0.00	60.09 2.04 0.00	57.29 1.99 0.00	51.31 1.99 0.00	51.71 1.89 0.00	44.89 1.71 0.00	38.74 1.41 0.00	42.61 1.44 0.00
FULTON COGEN____ 23766	40.04 -1.15 0.00	33.60 -0.94 0.00	33.72 -0.91 0.00	31.58 -0.84 0.00	31.96 -0.83 0.00	33.33 -0.95 0.00	43.16 -1.13 0.00	48.09 -1.24 0.00	40.37 -1.13 0.00	38.34 -1.03 0.00	29.19 -0.85 0.00	29.75 -0.89 0.00	32.45 -1.04 0.00	37.38 -1.24 0.00	40.14 -1.21 0.00	52.33 -1.48 0.00	58.94 -1.71 0.00	56.52 -1.53 0.00	53.83 -1.46 0.00	47.96 -1.36 0.00	48.46 -1.36 0.00	41.95 -1.23 0.00	36.29 -1.04 0.00	40.01 -1.17 0.00
FULTON___LFGE 323630	42.02 0.83 0.00	35.21 0.68 0.00	35.32 0.69 0.00	33.04 0.62 0.00	33.41 0.63 0.00	34.92 0.65 0.00	45.16 0.88 0.00	50.38 1.05 0.00	41.94 0.44 0.00	39.30 -0.07 0.00	29.93 -0.11 0.00	30.57 -0.07 0.00	33.52 0.03 0.00	38.23 -0.40 0.00	40.96 -0.39 0.00	54.14 0.34 0.00	62.08 1.43 0.00	59.74 1.69 0.00	56.57 1.28 0.00	50.37 1.05 0.00	50.87 1.06 0.00	44.04 0.86 0.00	38.06 0.73 0.00	41.93 0.76 0.00
G.F.CEMENT___DRP 24184	42.66 1.47 0.00	35.81 1.28 0.00	35.87 1.23 0.00	33.60 1.18 0.00	34.05 1.27 0.00	35.62 1.34 0.00	46.09 1.80 0.00	51.23 1.90 0.00	43.09 1.60 0.00	40.38 1.01 0.00	30.58 0.54 0.00	31.16 0.52 0.00	34.15 0.66 0.00	39.18 0.56 0.00	41.98 0.63 0.00	55.18 1.37 0.00	62.75 2.09 0.00	60.16 2.11 0.00	57.13 1.83 0.00	50.78 1.45 0.00	51.20 1.38 0.00	44.62 1.44 0.00	38.56 1.24 0.00	42.78 1.61 0.00
GARDENVILLE___LBMP 24039	37.78 -3.41 0.00	31.77 -2.76 0.00	32.47 -2.17 0.00	30.38 -2.03 0.00	31.04 -1.74 0.00	32.68 -1.60 0.00	42.23 -2.05 0.00	47.03 -2.30 0.00	40.15 -1.35 0.00	38.82 -0.56 0.00	29.92 -0.12 0.00	30.61 -0.03 0.00	33.33 -0.16 0.00	38.76 0.14 0.00	41.64 0.29 0.00	53.76 -0.05 0.00	59.45 -1.21 0.00	57.07 -0.98 0.00	54.32 -0.97 0.00	48.00 -1.33 0.00	48.88 -0.94 0.00	41.90 -1.28 0.00	36.37 -0.95 0.00	39.92 -1.25 0.00
GARDNVLA_35_KV_LD 355827	38.10 -3.10 0.00	32.04 -2.49 0.00	32.74 -1.89 0.00	30.64 -1.78 0.00	31.28 -1.50 0.00	32.92 -1.36 0.00	42.52 -1.77 0.00	47.37 -1.96 0.00	40.42 -1.08 0.00	39.06 -0.31 0.00	30.13 0.09 0.00	30.83 0.19 0.00	33.56 0.08 0.00	39.00 0.38 0.00	41.91 0.55 0.00	54.12 0.32 0.00	59.84 -0.81 0.00	57.47 -0.58 0.00	54.69 -0.60 0.00	48.30 -1.02 0.00	49.19 -0.63 0.00	42.14 -1.04 0.00	36.59 -0.74 0.00	40.15 -1.02 0.00
GELCKHM___115KV_LOAD 80723	40.37 -0.83 0.00	33.86 -0.68 0.00	34.00 -0.63 0.00	31.84 -0.57 0.00	32.21 -0.57 0.00	33.61 -0.66 0.00	43.55 -0.74 0.00	48.55 -0.79 0.00	41.08 -0.42 0.00	39.01 -0.36 0.00	29.75 -0.29 0.00	30.31 -0.33 0.00	33.04 -0.45 0.00	38.09 -0.53 0.00	40.87 -0.48 0.00	53.27 -0.53 0.00	59.99 -0.66 0.00	57.56 -0.49 0.00	54.44 -0.85 0.00	48.37 -0.95 0.00	48.88 -0.93 0.00	42.31 -0.88 0.00	36.59 -0.73 0.00	40.33 -0.84 0.00
GENERAL___MILLS 23808	37.99 -3.21 0.00	31.96 -2.57 0.00	32.67 -1.97 0.00	30.55 -1.87 0.00	31.21 -1.57 0.00	32.82 -1.45 0.00	42.39 -1.90 0.00	47.22 -2.11 0.00	40.29 -1.21 0.00	38.93 -0.44 0.00	30.02 -0.02 0.00	30.71 0.07 0.00	33.44 -0.05 0.00	38.86 0.23 0.00	41.74 0.40 0.00	53.90 0.10 0.00	59.59 -1.06 0.00	57.22 -0.83 0.00	54.45 -0.84 0.00	48.10 -1.22 0.00	48.99 -0.82 0.00	41.99 -1.20 0.00	36.45 -0.88 0.00	40.02 -1.15 0.00
GE_PLASTICS___DRP 24183	41.81 0.62 0.00	35.09 0.56 0.00	35.10 0.46 0.00	32.85 0.44 0.00	33.21 0.42 0.00	34.73 0.45 0.00	44.82 0.53 0.00	49.80 0.47 0.00	41.86 0.36 0.00	39.59 0.22 0.00	30.22 0.18 0.00	30.84 0.20 0.00	33.75 0.26 0.00	38.85 0.23 0.00	41.51 0.16 0.00	53.91 0.10 0.00	60.84 0.19 0.00	58.12 0.07 0.00	55.33 0.04 0.00	49.40 0.08 0.00	49.85 0.03 0.00	43.35 0.17 0.00	37.45 0.13 0.00	41.35 0.18 0.00
GILBOA___1 23756	41.86 0.67 0.00	35.07 0.54 0.00	35.10 0.47 0.00	32.85 0.43 0.00	33.19 0.41 0.00	34.72 0.44 0.00	44.88 0.60 0.00	49.94 0.61 0.00	41.97 0.47 0.00	39.74 0.37 0.00	30.39 0.35 0.00	31.03 0.39 0.00	33.96 0.46 0.00	39.13 0.51 0.00	41.85 0.50 0.00	54.34 0.54 0.00	61.05 0.39 0.00	58.29 0.24 0.00	55.59 0.30 0.00	49.66 0.34 0.00	50.17 0.35 0.00	43.57 0.39 0.00	37.63 0.31 0.00	41.50 0.33 0.00
GILBOA___2 23757	41.86 0.67 0.00	35.07 0.54 0.00	35.10 0.47 0.00	32.85 0.43 0.00	33.19 0.41 0.00	34.72 0.44 0.00	44.88 0.60 0.00	49.94 0.61 0.00	41.97 0.47 0.00	39.74 0.37 0.00	30.39 0.35 0.00	31.03 0.39 0.00	33.96 0.46 0.00	39.13 0.51 0.00	41.85 0.50 0.00	54.34 0.54 0.00	61.05 0.39 0.00	58.29 0.24 0.00	55.59 0.30 0.00	49.66 0.34 0.00	50.17 0.35 0.00	43.57 0.39 0.00	37.63 0.31 0.00	41.50 0.33 0.00
GILBOA___3 23758	41.86 0.67 0.00	35.07 0.54 0.00	35.10 0.47 0.00	32.85 0.43 0.00	33.19 0.41 0.00	34.72 0.44 0.00	44.88 0.60 0.00	49.94 0.61 0.00	41.97 0.47 0.00	39.74 0.37 0.00	30.39 0.35 0.00	31.03 0.39 0.00	33.96 0.46 0.00	39.13 0.51 0.00	41.85 0.50 0.00	54.34 0.54 0.00	61.05 0.39 0.00	58.29 0.24 0.00	55.59 0.30 0.00	49.66 0.34 0.00	50.17 0.35 0.00	43.57 0.39 0.00	37.63 0.31 0.00	41.50 0.33 0.00
GILBOA___4 23759	41.86 0.67 0.00	35.07 0.54 0.00	35.10 0.47 0.00	32.85 0.43 0.00	33.19 0.41 0.00	34.72 0.44 0.00	44.88 0.60 0.00	49.94 0.61 0.00	41.97 0.47 0.00	39.74 0.37 0.00	30.39 0.35 0.00	31.03 0.39 0.00	33.96 0.46 0.00	39.13 0.51 0.00	41.85 0.50 0.00	54.34 0.54 0.00	61.05 0.39 0.00	58.29 0.24 0.00	55.59 0.30 0.00	49.66 0.34 0.00	50.17 0.35 0.00	43.57 0.39 0.00	37.63 0.31 0.00	41.50 0.33 0.00

GILBOA____ 23599	41.86 0.67 0.00	35.08 0.54 0.00	35.10 0.47 0.00	32.85 0.43 0.00	33.19 0.41 0.00	34.72 0.44 0.00	44.88 0.60 0.00	49.94 0.61 0.00	41.97 0.47 0.00	39.74 0.37 0.00	30.39 0.35 0.00	31.03 0.39 0.00	33.96 0.47 0.00	39.13 0.51 0.00	41.84 0.49 0.00	54.34 0.54 0.00	61.05 0.39 0.00	58.28 0.23 0.00	55.59 0.30 0.00	49.66 0.34 0.00	50.17 0.35 0.00	43.57 0.39 0.00	37.64 0.31 0.00	41.50 0.33 0.00
GINNA____ 23603	37.78 -3.41 0.00	31.73 -2.80 0.00	32.10 -2.53 0.00	30.04 -2.37 0.00	30.50 -2.29 0.00	31.94 -2.34 0.00	41.37 -2.92 0.00	46.05 -3.28 0.00	39.01 -2.49 0.00	37.34 -2.03 0.00	28.61 -1.43 0.00	29.16 -1.49 0.00	31.78 -1.71 0.00	36.84 -1.78 0.00	39.64 -1.71 0.00	51.46 -2.34 0.00	57.59 -3.06 0.00	55.24 -2.81 0.00	52.42 -2.87 0.00	46.51 -2.81 0.00	47.07 -2.74 0.00	40.58 -2.60 0.00	35.05 -2.28 0.00	38.53 -2.64 0.00
GLEN PARK____ 23778	40.02 -1.17 0.00	33.55 -0.98 0.00	33.48 -1.15 0.00	31.40 -1.01 0.00	31.96 -0.82 0.00	33.63 -0.65 0.00	43.65 -0.63 0.00	48.47 -0.86 0.00	40.69 -0.81 0.00	38.33 -1.04 0.00	29.04 -1.00 0.00	29.60 -1.04 0.00	32.16 -1.33 0.00	37.33 -1.30 0.00	40.14 -1.22 0.00	53.48 -0.32 0.00	62.25 1.60 0.00	60.47 2.41 0.00	57.47 2.18 0.00	51.18 1.86 0.00	51.66 1.84 0.00	44.58 1.40 0.00	38.48 1.16 0.00	42.33 1.16 0.00
GLENDALE_27_KV_LOAD 356172	43.37 2.18 0.00	36.32 1.79 0.00	36.21 1.58 0.00	33.88 1.46 0.00	34.12 1.34 0.00	35.75 1.47 0.00	46.26 1.97 0.00	51.53 2.20 0.00	43.31 1.81 0.00	40.95 1.58 0.00	31.54 1.50 0.00	32.31 1.67 0.00	35.32 1.83 0.00	40.76 2.14 0.00	43.53 2.17 0.00	56.17 2.36 0.00	62.83 2.18 0.00	60.11 2.06 0.00	57.23 1.93 0.00	51.15 1.83 0.00	51.74 1.92 0.00	45.10 1.92 0.00	38.93 1.61 0.00	42.79 1.62 0.00
GLENWOOD_IC_1_G5 23712	43.31 2.12 0.00	36.20 1.67 0.00	36.11 1.48 0.00	33.73 1.32 0.00	33.95 1.17 0.00	35.49 1.22 0.00	46.02 1.73 0.00	51.33 2.00 0.00	43.15 1.65 0.00	40.74 1.37 0.00	31.38 1.34 0.00	32.16 1.52 0.00	35.24 1.75 0.00	40.58 1.96 0.00	43.41 2.05 0.00	56.19 2.38 0.00	65.00 2.35 0.00	85.98 2.21 -2.00	102.97 2.09 -25.72	51.23 1.89 -0.01	51.73 1.91 0.00	45.00 1.81 0.00	38.89 1.56 0.00	42.76 1.59 0.00
GLENWOOD_IC_2_G1 23688	43.16 1.97 0.00	36.08 1.54 0.00	35.99 1.36 0.00	33.64 1.22 0.00	33.87 1.09 0.00	35.43 1.15 0.00	45.91 1.62 0.00	51.18 1.85 0.00	43.00 1.50 0.00	40.63 1.26 0.00	31.27 1.23 0.00	32.03 1.39 0.00	35.08 1.60 0.00	40.43 1.81 0.00	43.23 1.88 0.00	55.95 2.15 0.00	62.80 2.07 -0.08	61.09 1.94 -1.10	59.05 1.81 -1.94	50.97 1.65 0.00	51.50 1.69 0.00	44.80 1.61 0.00	38.71 1.39 0.00	42.56 1.39 0.00
GLENWOOD_IC_3_G1 23689	43.16 1.97 0.00	36.08 1.54 0.00	35.99 1.36 0.00	33.64 1.22 0.00	33.87 1.09 0.00	35.43 1.15 0.00	45.91 1.62 0.00	51.18 1.85 0.00	43.00 1.50 0.00	40.63 1.26 0.00	31.27 1.23 0.00	32.03 1.39 0.00	35.08 1.60 0.00	40.43 1.81 0.00	43.23 1.88 0.00	55.95 2.15 0.00	62.80 2.07 -0.08	61.09 1.94 -1.10	59.05 1.81 -1.94	50.97 1.65 0.00	51.50 1.69 0.00	44.80 1.61 0.00	38.71 1.39 0.00	42.56 1.39 0.00
GLENWOOD____4 23550	43.31 2.12 0.00	36.20 1.67 0.00	36.11 1.48 0.00	33.73 1.32 0.00	33.95 1.17 0.00	35.49 1.22 0.00	46.02 1.73 0.00	51.33 2.00 0.00	43.15 1.65 0.00	40.74 1.37 0.00	31.38 1.34 0.00	32.16 1.52 0.00	35.24 1.75 0.00	40.58 1.96 0.00	43.41 2.05 0.00	56.19 2.38 0.00	65.00 2.35 -2.00	85.98 2.21 -25.72	102.97 2.09 -45.59	51.23 1.89 -0.01	51.73 1.91 0.00	45.00 1.81 0.00	38.89 1.56 0.00	42.76 1.59 0.00
GLENWOOD____5 23614	43.31 2.12 0.00	36.20 1.67 0.00	36.11 1.48 0.00	33.73 1.32 0.00	33.95 1.17 0.00	35.49 1.22 0.00	46.02 1.73 0.00	51.33 2.00 0.00	43.15 1.65 0.00	40.74 1.37 0.00	31.38 1.34 0.00	32.16 1.52 0.00	35.24 1.75 0.00	40.58 1.96 0.00	43.41 2.05 0.00	56.19 2.38 0.00	65.00 2.35 -2.00	85.98 2.21 -25.72	102.97 2.09 -45.59	51.23 1.89 -0.01	51.73 1.91 0.00	45.00 1.81 0.00	38.89 1.56 0.00	42.76 1.59 0.00
GLOBAL GREEN_PORT_GT1 23814	42.53 1.34 0.00	35.44 0.92 0.00	35.27 0.64 0.00	32.93 0.52 0.00	33.02 0.23 0.00	39.00 0.13 -4.60	50.96 0.74 -5.94	51.33 2.00 0.00	43.24 1.74 0.00	40.08 0.71 0.00	31.51 1.47 0.00	32.36 1.72 0.00	35.62 2.14 0.00	41.31 2.69 0.00	44.22 2.87 0.00	57.98 4.06 -0.13	79.98 4.40 -14.92	298.36 4.35 -235.95	257.76 4.05 -198.42	116.92 3.82 -63.78	85.06 3.91 -31.33	61.60 3.49 -14.92	40.27 2.95 0.00	44.18 3.01 0.00
GLOBE____DSASP 323697	37.40 -3.80 0.00	31.54 -2.98 0.00	32.32 -2.31 0.00	30.21 -2.20 0.00	30.80 -1.98 0.00	32.29 -1.99 0.00	41.40 -2.89 0.00	45.94 -3.39 0.00	39.21 -2.29 0.00	37.90 -1.47 0.00	29.29 -0.75 0.00	29.94 -0.70 0.00	32.61 -0.87 0.00	37.92 -0.70 0.00	40.71 -0.64 0.00	52.45 -1.35 0.00	57.96 -2.69 0.00	55.56 -2.49 0.00	52.86 -2.43 0.00	46.80 -2.52 0.00	47.62 -2.20 0.00	41.13 -2.06 0.00	35.74 -1.59 0.00	39.30 -1.87 0.00
GOETHSLN____LBMP 323567	43.09 1.90 0.00	36.06 1.53 0.00	35.97 1.34 0.00	33.65 1.23 0.00	33.89 1.11 0.00	35.50 1.23 0.00	45.94 1.66 0.00	51.15 1.82 0.00	42.93 1.44 0.00	40.63 1.26 0.00	31.26 1.22 0.00	32.02 1.38 0.00	35.04 1.55 0.00	40.43 1.81 0.00	43.17 1.82 0.00	55.77 1.97 0.00	62.48 1.83 0.00	59.72 1.66 0.00	56.85 1.56 0.00	50.75 1.43 0.00	51.34 1.53 0.00	44.72 1.53 0.00	38.61 1.28 0.00	42.45 1.28 0.00
GOLAH____69_KV_TB 1_2 80279	39.47 -1.72 0.00	33.15 -1.38 0.00	33.67 -0.96 0.00	31.48 -0.93 0.00	32.00 -0.78 0.00	33.52 -0.76 0.00	43.44 -0.85 0.00	48.30 -1.03 0.00	40.96 -0.54 0.00	39.28 -0.09 0.00	30.11 0.07 0.00	30.76 0.12 0.00	33.47 -0.02 0.00	38.96 0.34 0.00	42.07 0.72 0.00	54.45 0.65 0.00	60.68 0.03 0.00	58.18 0.13 0.00	55.27 -0.03 0.00	48.98 -0.34 0.00	49.64 -0.17 0.00	42.73 -0.45 0.00	36.95 -0.38 0.00	40.60 -0.57 0.00
GOODYEAR_LAKE_HYD 323669	41.80 0.61 0.00	35.00 0.47 0.00	35.14 0.51 0.00	32.89 0.47 0.00	33.25 0.46 0.00	34.74 0.47 0.00	44.96 0.67 0.00	50.13 0.80 0.00	42.19 0.69 0.00	40.11 0.75 0.00	30.70 0.66 0.00	31.38 0.74 0.00	34.27 0.78 0.00	39.58 0.97 0.00	42.45 1.10 0.00	55.39 1.59 0.00	62.26 1.61 0.00	59.62 1.56 0.00	56.63 1.34 0.00	50.43 1.11 0.00	50.97 1.15 0.00	44.09 0.91 0.00	38.09 0.77 0.00	41.89 0.72 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	40.71 -0.48 0.00	34.12 -0.41 0.00	34.30 -0.34 0.00	32.09 -0.32 0.00	32.49 -0.29 0.00	34.01 -0.27 0.00	43.99 -0.30 0.00	49.11 -0.22 0.00	41.39 -0.11 0.00	39.35 -0.02 0.00	30.07 0.03 0.00	30.68 0.04 0.00	33.50 0.01 0.00	38.67 0.05 0.00	41.50 0.15 0.00	53.99 0.19 0.00	60.51 -0.14 0.00	58.02 -0.03 0.00	55.17 -0.12 0.00	49.02 -0.30 0.00	49.67 -0.15 0.00	42.86 -0.32 0.00	37.11 -0.22 0.00	40.83 -0.34 0.00

GOUDEY___7 23579	40.71 -0.48 0.00	34.12 -0.41 0.00	34.30 -0.34 0.00	32.09 -0.32 0.00	32.49 -0.29 0.00	34.01 -0.27 0.00	43.99 -0.30 0.00	49.11 -0.22 0.00	41.39 -0.11 0.00	39.35 -0.02 0.00	30.07 0.03 0.00	30.68 0.04 0.00	33.50 0.01 0.00	38.67 0.05 0.00	41.50 0.15 0.00	53.99 0.19 0.00	60.51 -0.14 0.00	58.02 -0.03 0.00	55.17 -0.12 0.00	49.02 -0.30 0.00	49.67 -0.15 0.00	42.86 -0.32 0.00	37.11 -0.22 0.00	40.83 -0.34 0.00
GOUDEY___8 23580	40.71 -0.48 0.00	34.12 -0.41 0.00	34.30 -0.34 0.00	32.09 -0.32 0.00	32.49 -0.29 0.00	34.01 -0.27 0.00	43.99 -0.30 0.00	49.11 -0.22 0.00	41.39 -0.11 0.00	39.35 -0.02 0.00	30.07 0.03 0.00	30.68 0.04 0.00	33.50 0.01 0.00	38.67 0.05 0.00	41.50 0.15 0.00	53.99 0.19 0.00	60.51 -0.14 0.00	58.02 -0.03 0.00	55.17 -0.12 0.00	49.02 -0.30 0.00	49.67 -0.15 0.00	42.86 -0.32 0.00	37.11 -0.22 0.00	40.83 -0.34 0.00
GOWANUS_GT1_1 24077	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.26 1.98 0.00	51.47 2.14 0.00	43.31 1.81 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.17 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.77 1.95 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT1_2 24078	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.26 1.98 0.00	51.47 2.14 0.00	43.31 1.81 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.17 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.77 1.95 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT1_3 24079	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.26 1.98 0.00	51.47 2.14 0.00	43.31 1.81 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.17 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.77 1.95 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT1_4 24080	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.26 1.98 0.00	51.47 2.14 0.00	43.31 1.81 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.17 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.77 1.95 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT1_5 24084	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.26 1.98 0.00	51.47 2.14 0.00	43.31 1.81 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.17 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.77 1.95 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT1_6 24111	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.26 1.98 0.00	51.47 2.14 0.00	43.31 1.81 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.17 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.77 1.95 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT1_7 24112	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.26 1.98 0.00	51.47 2.14 0.00	43.31 1.81 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.17 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.77 1.95 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT1_8 24113	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.26 1.98 0.00	51.47 2.14 0.00	43.31 1.81 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.17 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.77 1.95 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT2_1 24114	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT2_2 24115	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT2_3 24116	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT2_4 24117	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT2_5 24118	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00

GOWANUS_GT2_6 24119	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT2_7 24120	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT2_8 24121	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT3_1 24122	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT3_2 24123	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT3_3 24124	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT3_4 24125	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT3_5 24126	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT3_6 24127	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT3_7 24128	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT3_8 24129	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT4_1 24130	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.26 1.98 0.00	51.47 2.14 0.00	43.31 1.81 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.17 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.77 1.95 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT4_2 24131	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.26 1.98 0.00	51.47 2.14 0.00	43.31 1.81 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.17 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.77 1.95 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT4_3 24132	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.26 1.98 0.00	51.47 2.14 0.00	43.31 1.81 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.17 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.77 1.95 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT4_4 24133	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.26 1.98 0.00	51.47 2.14 0.00	43.31 1.81 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.17 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.77 1.95 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00

GOWANUS_GT4_5 24134	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.26 1.98 0.00	51.47 2.14 0.00	43.31 1.81 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.17 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.77 1.95 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT4_6 24135	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.26 1.98 0.00	51.47 2.14 0.00	43.31 1.81 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.17 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.77 1.95 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT4_7 24136	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.26 1.98 0.00	51.47 2.14 0.00	43.31 1.81 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.17 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.77 1.95 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GOWANUS_GT4_8 24137	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.26 1.98 0.00	51.47 2.14 0.00	43.31 1.81 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.17 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.77 1.95 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GREATVRV_69_KV_BK1 356245	43.64 2.45 0.00	36.44 1.91 0.00	36.28 1.65 0.00	33.84 1.43 0.00	33.96 1.18 0.00	38.92 1.25 -3.40	50.80 2.13 -4.39	51.93 2.60 0.00	43.72 2.23 0.00	41.11 1.74 0.00	31.69 1.65 0.00	32.47 1.83 0.00	35.66 2.17 0.00	40.94 2.32 0.00	43.94 2.59 0.00	57.28 3.39 -0.09	74.63 3.68 -10.30	181.23 3.32 -119.86	167.45 3.27 -108.89	83.39 2.84 -31.23	69.26 3.06 -16.38	54.35 2.78 -8.39	39.66 2.33 0.00	43.59 2.42 0.00
GREENBSH_115KV_TB3 55895	41.75 0.55 0.00	35.07 0.54 0.00	35.05 0.42 0.00	32.82 0.41 0.00	33.18 0.40 0.00	34.70 0.42 0.00	44.75 0.46 0.00	49.68 0.35 0.00	41.76 0.26 0.00	39.49 0.12 0.00	30.14 0.10 0.00	30.75 0.11 0.00	33.65 0.16 0.00	38.71 0.09 0.00	41.34 -0.01 0.00	53.69 -0.11 0.00	60.63 -0.02 0.00	57.92 -0.13 0.00	55.10 -0.19 0.00	49.22 -0.10 0.00	49.64 -0.18 0.00	43.20 0.02 0.00	37.32 0.00 0.00	41.22 0.04 0.00
GREENDGE_115KV_TB5 80291	38.94 -2.25 0.00	32.63 -1.90 0.00	32.97 -1.66 0.00	30.80 -1.62 0.00	31.34 -1.44 0.00	33.16 -1.12 0.00	42.81 -1.48 0.00	48.15 -1.18 0.00	40.96 -0.54 0.00	39.25 -0.12 0.00	29.96 -0.08 0.00	30.58 -0.05 0.00	33.25 -0.24 0.00	38.70 0.08 0.00	41.92 0.56 0.00	53.97 0.17 0.00	59.86 -0.79 0.00	57.63 -0.42 0.00	54.91 -0.38 0.00	48.40 -0.92 0.00	49.36 -0.46 0.00	42.53 -0.65 0.00	36.99 -0.33 0.00	40.52 -0.65 0.00
GREENIDGE___3 23582	38.94 -2.25 0.00	32.63 -1.90 0.00	32.97 -1.66 0.00	30.80 -1.62 0.00	31.34 -1.44 0.00	33.16 -1.12 0.00	42.81 -1.48 0.00	48.15 -1.18 0.00	40.96 -0.54 0.00	39.25 -0.12 0.00	29.96 -0.08 0.00	30.58 -0.05 0.00	33.25 -0.24 0.00	38.70 0.08 0.00	41.92 0.56 0.00	53.97 0.17 0.00	59.86 -0.79 0.00	57.63 -0.42 0.00	54.91 -0.38 0.00	48.40 -0.92 0.00	49.36 -0.46 0.00	42.53 -0.65 0.00	36.99 -0.33 0.00	40.52 -0.65 0.00
GREENIDGE___4 23583	38.94 -2.25 0.00	32.63 -1.90 0.00	32.97 -1.67 0.00	30.79 -1.62 0.00	31.35 -1.44 0.00	33.16 -1.12 0.00	42.81 -1.48 0.00	48.15 -1.18 0.00	40.95 -0.55 0.00	39.25 -0.11 0.00	29.97 -0.07 0.00	30.59 -0.05 0.00	33.24 -0.25 0.00	38.70 0.08 0.00	41.92 0.57 0.00	53.97 0.17 0.00	59.86 -0.79 0.00	57.63 -0.42 0.00	54.91 -0.38 0.00	48.40 -0.92 0.00	49.36 -0.46 0.00	42.54 -0.64 0.00	37.00 -0.33 0.00	40.52 -0.65 0.00
GREENLWN_69_KV_BK 3 55738	43.09 1.90 0.00	35.99 1.46 0.00	35.86 1.22 0.00	33.44 1.03 0.00	33.55 0.77 0.00	30.93 0.67 4.02	40.18 1.09 5.19	50.83 1.50 0.00	42.76 1.26 0.00	40.26 0.89 0.00	31.15 1.10 0.00	31.94 1.31 0.00	35.08 1.60 0.00	40.23 1.61 0.00	43.05 1.71 0.00	55.64 1.95 0.11	54.52 1.91 8.03	37.06 1.82 22.81	53.66 1.69 3.33	37.06 1.59 13.85	41.81 1.54 9.55	38.63 1.53 6.09	38.76 1.44 0.00	42.65 1.48 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.26 1.98 0.00	51.47 2.14 0.00	43.31 1.81 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.17 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.77 1.95 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
GRISSOM___SOLAR 323813	42.23 1.03 0.00	35.38 0.85 0.00	35.46 0.83 0.00	33.17 0.76 0.00	33.55 0.76 0.00	35.07 0.80 0.00	45.36 1.08 0.00	50.59 1.26 0.00	42.02 0.52 0.00	39.28 -0.09 0.00	29.88 -0.16 0.00	30.51 -0.13 0.00	33.54 0.05 0.00	38.10 -0.52 0.00	40.80 -0.55 0.00	54.04 0.24 0.00	62.17 1.52 0.00	59.82 1.77 0.00	56.68 1.39 0.00	50.50 1.18 0.00	51.00 1.18 0.00	44.18 1.00 0.00	38.16 0.84 0.00	42.06 0.89 0.00
GROVEVILLE___HYD 323602	43.12 1.93 0.00	36.06 1.53 0.00	36.01 1.38 0.00	33.68 1.27 0.00	33.97 1.19 0.00	35.58 1.30 0.00	46.08 1.80 0.00	51.32 1.99 0.00	43.06 1.56 0.00	40.69 1.32 0.00	31.24 1.20 0.00	31.94 1.31 0.00	34.96 1.47 0.00	40.35 1.73 0.00	43.17 1.82 0.00	56.02 2.22 0.00	62.92 2.27 0.00	60.20 2.15 0.00	57.29 2.00 0.00	51.10 1.78 0.00	51.63 1.81 0.00	44.83 1.65 0.00	38.70 1.37 0.00	42.56 1.39 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	40.62 -0.58 0.00	34.06 -0.47 0.00	34.21 -0.42 0.00	32.03 -0.38 0.00	32.40 -0.38 0.00	33.81 -0.47 0.00	43.83 -0.46 0.00	48.88 -0.45 0.00	41.62 0.13 0.00	39.53 0.16 0.00	30.12 0.08 0.00	30.68 0.05 0.00	33.43 -0.05 0.00	38.55 -0.07 0.00	41.40 0.05 0.00	54.00 0.20 0.00	60.86 0.21 0.00	58.47 0.41 0.00	54.97 -0.32 0.00	48.70 -0.62 0.00	49.21 -0.60 0.00	42.57 -0.61 0.00	36.83 -0.50 0.00	40.57 -0.60 0.00
HAMLTNNY_34_KV_TB 80303	40.62 -0.58 0.00	34.07 -0.45 0.00	34.25 -0.39 0.00	32.07 -0.34 0.00	32.43 -0.36 0.00	33.84 -0.43 0.00	43.91 -0.37 0.00	48.97 -0.36 0.00	41.99 0.49 0.00	39.94 0.57 0.00	30.45 0.40 0.00	30.99 0.36 0.00	33.76 0.27 0.00	38.88 0.26 0.00	41.85 0.50 0.00	54.63 0.83 0.00	61.58 0.93 0.00	59.23 1.18 0.00	55.30 0.01 0.00	48.83 -0.49 0.00	49.33 -0.49 0.00	42.66 -0.52 0.00	36.90 -0.42 0.00	40.60 -0.57 0.00

HAMPSHIRE___PAPER_HYD 323593	40.75 -0.45 0.00	34.09 -0.44 0.00	34.18 -0.45 0.00	32.03 -0.39 0.00	32.51 -0.27 0.00	34.16 -0.11 0.00	44.11 -0.17 0.00	49.14 -0.19 0.00	41.44 -0.06 0.00	39.28 -0.09 0.00	29.88 -0.15 0.00	30.51 -0.13 0.00	33.23 -0.25 0.00	38.52 -0.11 0.00	41.33 -0.02 0.00	54.29 0.49 0.00	62.26 1.61 0.00	60.10 2.05 0.00	57.17 1.87 0.00	50.93 1.61 0.00	51.40 1.59 0.00	44.44 1.26 0.00	38.40 1.08 0.00	42.30 1.14 0.00
HARDSCRABBLE_WT_PWR 323673	42.40 1.21 0.00	35.63 1.10 0.00	35.70 1.06 0.00	33.40 0.98 0.00	33.78 1.00 0.00	35.14 0.86 0.00	45.39 1.10 0.00	50.57 1.24 0.00	41.82 0.32 0.00	39.14 -0.23 0.00	29.94 -0.10 0.00	30.60 -0.04 0.00	33.58 0.09 0.00	38.44 -0.18 0.00	41.40 0.05 0.00	54.61 0.81 0.00	62.41 1.76 0.00	59.92 1.87 0.00	57.65 2.35 0.00	51.47 2.15 0.00	52.00 2.18 0.00	45.07 1.89 0.00	39.03 1.71 0.00	43.06 1.89 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	42.95 1.75 0.00	35.92 1.39 0.00	35.88 1.25 0.00	33.56 1.14 0.00	33.84 1.05 0.00	35.45 1.17 0.00	45.91 1.62 0.00	51.07 1.74 0.00	42.85 1.36 0.00	40.54 1.17 0.00	31.14 1.10 0.00	31.85 1.21 0.00	34.86 1.37 0.00	40.26 1.64 0.00	43.04 1.69 0.00	55.78 1.98 0.00	62.66 2.01 0.00	59.93 1.87 0.00	57.04 1.75 0.00	50.84 1.51 0.00	51.37 1.55 0.00	44.62 1.44 0.00	38.51 1.19 0.00	42.36 1.19 0.00
HARSNRAD_115KV_TB1 81005	37.69 -3.50 0.00	31.73 -2.80 0.00	32.46 -2.17 0.00	30.36 -2.06 0.00	30.98 -1.81 0.00	32.50 -1.78 0.00	41.95 -2.33 0.00	46.59 -2.74 0.00	39.76 -1.74 0.00	38.41 -0.96 0.00	29.65 -0.39 0.00	30.31 -0.33 0.00	32.98 -0.51 0.00	38.40 -0.22 0.00	41.27 -0.08 0.00	53.23 -0.57 0.00	58.88 -1.77 0.00	56.49 -1.56 0.00	53.74 -1.55 0.00	47.55 -1.77 0.00	48.38 -1.44 0.00	41.56 -1.62 0.00	36.04 -1.28 0.00	39.60 -1.57 0.00
HARZA MOOSE___RIVER 24016	40.72 -0.47 0.00	34.13 -0.40 0.00	34.17 -0.46 0.00	32.06 -0.35 0.00	32.55 -0.24 0.00	34.19 -0.09 0.00	44.32 0.03 0.00	49.25 -0.07 0.00	41.52 0.03 0.00	39.35 -0.02 0.00	29.96 -0.08 0.00	30.54 -0.10 0.00	33.26 -0.23 0.00	38.41 -0.21 0.00	41.17 -0.18 0.00	54.25 0.45 0.00	62.12 1.47 0.00	59.86 1.81 0.00	56.92 1.63 0.00	50.68 1.36 0.00	51.17 1.36 0.00	44.27 1.09 0.00	38.24 0.92 0.00	42.11 0.94 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	40.35 -0.84 0.00	33.85 -0.68 0.00	34.00 -0.63 0.00	31.82 -0.59 0.00	32.20 -0.58 0.00	33.61 -0.67 0.00	43.54 -0.75 0.00	48.52 -0.81 0.00	40.96 -0.55 0.00	38.88 -0.49 0.00	29.65 -0.39 0.00	30.20 -0.44 0.00	32.93 -0.56 0.00	37.96 -0.66 0.00	40.73 -0.62 0.00	53.09 -0.72 0.00	59.74 -0.91 0.00	57.29 -0.76 0.00	54.35 -0.95 0.00	48.34 -0.98 0.00	48.84 -0.97 0.00	42.27 -0.91 0.00	36.57 -0.76 0.00	40.31 -0.86 0.00
HELLGATE_13_KV_LD 55870	43.43 2.24 0.00	36.37 1.84 0.00	36.27 1.64 0.00	33.94 1.52 0.00	34.18 1.39 0.00	35.81 1.53 0.00	46.33 2.05 0.00	51.60 2.27 0.00	43.39 1.89 0.00	41.00 1.63 0.00	31.58 1.54 0.00	32.35 1.72 0.00	35.38 1.89 0.00	40.82 2.20 0.00	43.59 2.24 0.00	56.25 2.45 0.00	62.93 2.27 0.00	60.21 2.16 0.00	57.33 2.04 0.00	51.24 1.92 0.00	51.82 2.00 0.00	45.18 2.00 0.00	38.99 1.66 0.00	42.85 1.68 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	43.43 2.24 0.00	36.37 1.84 0.00	36.27 1.64 0.00	33.94 1.52 0.00	34.18 1.39 0.00	35.81 1.53 0.00	46.33 2.05 0.00	51.60 2.27 0.00	43.39 1.89 0.00	41.00 1.63 0.00	31.58 1.54 0.00	32.35 1.72 0.00	35.38 1.89 0.00	40.82 2.20 0.00	43.59 2.24 0.00	56.25 2.45 0.00	62.93 2.27 0.00	60.21 2.16 0.00	57.33 2.04 0.00	51.24 1.92 0.00	51.82 2.00 0.00	45.18 2.00 0.00	38.99 1.66 0.00	42.85 1.68 0.00
HEMPSTEAD___ 23647	43.15 1.96 0.00	36.04 1.51 0.00	35.94 1.30 0.00	33.55 1.13 0.00	33.75 0.96 0.00	35.25 0.97 0.00	45.74 1.46 0.00	51.09 1.76 0.00	42.97 1.47 0.00	40.49 1.13 0.00	31.21 1.17 0.00	32.00 1.36 0.00	35.08 1.59 0.00	40.37 1.75 0.00	43.22 1.87 0.00	55.99 2.19 0.00	64.55 2.17 -1.73	82.28 1.97 -22.26	96.66 1.91 -39.46	51.08 1.75 -0.01	51.58 1.77 0.00	44.85 1.67 0.00	38.80 1.47 0.00	42.65 1.48 0.00
HICKLING___1 23621	38.22 -2.98 0.00	32.06 -2.47 0.00	32.42 -2.21 0.00	30.29 -2.12 0.00	30.84 -1.94 0.00	32.64 -1.64 0.00	42.22 -2.07 0.00	47.45 -1.88 0.00	40.25 -1.25 0.00	38.55 -0.81 0.00	29.52 -0.52 0.00	30.24 -0.39 0.00	32.94 -0.55 0.00	38.20 -0.42 0.00	41.13 -0.22 0.00	53.40 -0.40 0.00	59.03 -1.62 0.00	56.81 -1.24 0.00	54.20 -1.09 0.00	47.69 -1.64 0.00	48.77 -1.05 0.00	41.55 -1.63 0.00	36.18 -1.15 0.00	39.65 -1.52 0.00
HICKLING___2 23622	38.22 -2.98 0.00	32.06 -2.47 0.00	32.42 -2.21 0.00	30.29 -2.12 0.00	30.84 -1.94 0.00	32.64 -1.64 0.00	42.22 -2.07 0.00	47.45 -1.88 0.00	40.25 -1.25 0.00	38.55 -0.81 0.00	29.52 -0.52 0.00	30.24 -0.39 0.00	32.94 -0.55 0.00	38.20 -0.42 0.00	41.13 -0.22 0.00	53.40 -0.40 0.00	59.03 -1.62 0.00	56.81 -1.24 0.00	54.20 -1.09 0.00	47.69 -1.64 0.00	48.77 -1.05 0.00	41.55 -1.63 0.00	36.18 -1.15 0.00	39.65 -1.52 0.00
HIGH FALLS___HY 23754	43.10 1.90 0.00	36.01 1.47 0.00	35.96 1.32 0.00	33.62 1.21 0.00	33.90 1.12 0.00	35.53 1.25 0.00	46.04 1.75 0.00	51.30 1.97 0.00	42.96 1.47 0.00	40.53 1.16 0.00	31.08 1.04 0.00	31.75 1.11 0.00	34.73 1.24 0.00	40.15 1.53 0.00	42.97 1.62 0.00	55.98 2.18 0.00	63.01 2.36 0.00	60.38 2.32 0.00	57.49 2.20 0.00	51.25 1.92 0.00	51.78 1.97 0.00	44.92 1.74 0.00	38.76 1.44 0.00	42.59 1.41 0.00
HIGH_RIVER___SOLAR 323847	42.08 0.89 0.00	35.26 0.73 0.00	35.36 0.72 0.00	33.09 0.67 0.00	33.46 0.67 0.00	34.97 0.69 0.00	45.24 0.96 0.00	50.38 1.05 0.00	41.87 0.37 0.00	39.34 -0.03 0.00	29.89 -0.15 0.00	30.54 -0.10 0.00	33.37 -0.12 0.00	38.35 -0.27 0.00	41.07 -0.28 0.00	53.95 0.15 0.00	61.98 1.33 0.00	59.65 1.59 0.00	56.56 1.26 0.00	50.37 1.05 0.00	50.87 1.05 0.00	44.07 0.89 0.00	38.07 0.75 0.00	41.96 0.80 0.00
HILLBURN___GT 23639	42.86 1.66 0.00	35.83 1.30 0.00	35.77 1.14 0.00	33.46 1.04 0.00	33.72 0.94 0.00	35.33 1.05 0.00	45.75 1.46 0.00	50.89 1.56 0.00	42.72 1.22 0.00	40.46 1.09 0.00	31.07 1.03 0.00	31.80 1.17 0.00	34.82 1.33 0.00	40.19 1.58 0.00	42.93 1.58 0.00	55.56 1.76 0.00	62.37 1.72 0.00	59.62 1.57 0.00	56.74 1.45 0.00	50.57 1.25 0.00	51.13 1.31 0.00	44.42 1.24 0.00	38.35 1.03 0.00	42.20 1.02 0.00
HILLSIDE_115KV_TB1 80332	37.83 -3.36 0.00	31.74 -2.79 0.00	32.08 -2.55 0.00	29.96 -2.45 0.00	30.47 -2.31 0.00	32.22 -2.06 0.00	41.60 -2.68 0.00	46.78 -2.55 0.00	39.60 -1.90 0.00	37.84 -1.53 0.00	28.98 -1.06 0.00	29.69 -0.95 0.00	32.35 -1.14 0.00	37.41 -1.21 0.00	40.24 -1.12 0.00	52.28 -1.52 0.00	57.77 -2.88 0.00	55.65 -2.40 0.00	53.11 -2.19 0.00	46.70 -2.63 0.00	47.83 -1.98 0.00	40.70 -2.48 0.00	35.46 -1.86 0.00	38.87 -2.30 0.00

HISHELDN_WT_PWR 323625	37.32 -3.87 0.00	31.37 -3.15 0.00	31.97 -2.66 0.00	29.98 -2.44 0.00	30.68 -2.10 0.00	32.43 -1.85 0.00	41.99 -2.30 0.00	46.81 -2.52 0.00	39.96 -1.54 0.00	38.67 -0.70 0.00	29.75 -0.29 0.00	30.44 -0.20 0.00	33.17 -0.32 0.00	38.57 -0.05 0.00	41.49 0.14 0.00	53.62 -0.18 0.00	59.32 -1.33 0.00	56.95 -1.10 0.00	54.23 -1.06 0.00	47.91 -1.42 0.00	48.81 -1.01 0.00	41.81 -1.37 0.00	36.30 -1.03 0.00	39.84 -1.33 0.00
HOLTSVILLE_IC_1 23690	43.20 2.00 0.00	36.07 1.54 0.00	35.93 1.30 0.00	33.53 1.12 0.00	33.64 0.86 0.00	39.91 0.77 -4.87	51.84 1.27 -6.29	51.11 1.78 0.00	43.03 1.54 0.00	40.43 1.06 0.00	31.23 1.19 0.00	32.01 1.37 0.00	35.12 1.64 0.00	40.33 1.71 0.00	43.25 1.90 0.00	56.32 2.38 -0.13	78.63 2.46 -15.51	298.06 2.37 -237.63	257.28 2.25 -199.74	115.91 2.10 -64.48	83.76 2.07 -31.88	60.44 1.97 -15.29	39.09 1.77 0.00	42.97 1.80 0.00
HOLTSVILLE_IC_10 23699	43.37 2.18 0.00	36.21 1.68 0.00	36.06 1.43 0.00	33.66 1.25 0.00	33.76 0.98 0.00	39.14 0.91 -3.95	50.87 1.48 -5.11	51.36 2.03 0.00	43.26 1.77 0.00	40.64 1.27 0.00	31.37 1.33 0.00	32.14 1.50 0.00	35.27 1.78 0.00	40.51 1.89 0.00	43.46 2.11 0.00	56.61 2.70 -0.11	76.92 2.87 -13.40	287.90 2.72 -227.13	249.43 2.55 -191.59	112.52 2.41 -60.79	81.71 2.42 -29.47	59.24 2.24 -13.82	39.31 1.99 0.00	43.19 2.02 0.00
HOLTSVILLE_IC_2 23691	43.20 2.00 0.00	36.07 1.54 0.00	35.93 1.30 0.00	33.53 1.12 0.00	33.64 0.86 0.00	39.91 0.77 -4.87	51.84 1.27 -6.29	51.11 1.78 0.00	43.03 1.54 0.00	40.43 1.06 0.00	31.23 1.19 0.00	32.01 1.37 0.00	35.12 1.64 0.00	40.33 1.71 0.00	43.25 1.90 0.00	56.32 2.38 -0.13	78.63 2.46 -15.51	298.06 2.37 -237.63	257.28 2.25 -199.74	115.91 2.10 -64.48	83.76 2.07 -31.88	60.44 1.97 -15.29	39.09 1.77 0.00	42.97 1.80 0.00
HOLTSVILLE_IC_3 23692	43.20 2.00 0.00	36.07 1.54 0.00	35.93 1.30 0.00	33.53 1.12 0.00	33.64 0.86 0.00	39.91 0.77 -4.87	51.84 1.27 -6.29	51.11 1.78 0.00	43.03 1.54 0.00	40.43 1.06 0.00	31.23 1.19 0.00	32.01 1.37 0.00	35.12 1.64 0.00	40.33 1.71 0.00	43.25 1.90 0.00	56.32 2.38 -0.13	78.63 2.46 -15.51	298.06 2.37 -237.63	257.28 2.25 -199.74	115.91 2.10 -64.48	83.76 2.07 -31.88	60.44 1.97 -15.29	39.09 1.77 0.00	42.97 1.80 0.00
HOLTSVILLE_IC_4 23693	43.20 2.00 0.00	36.07 1.54 0.00	35.93 1.30 0.00	33.53 1.12 0.00	33.64 0.86 0.00	39.91 0.77 -4.87	51.84 1.27 -6.29	51.11 1.78 0.00	43.03 1.54 0.00	40.43 1.06 0.00	31.23 1.19 0.00	32.01 1.37 0.00	35.12 1.64 0.00	40.33 1.71 0.00	43.25 1.90 0.00	56.32 2.38 -0.13	78.63 2.46 -15.51	298.06 2.37 -237.63	257.28 2.25 -199.74	115.91 2.10 -64.48	83.76 2.07 -31.88	60.44 1.97 -15.29	39.09 1.77 0.00	42.97 1.80 0.00
HOLTSVILLE_IC_5 23694	43.20 2.00 0.00	36.07 1.54 0.00	35.93 1.30 0.00	33.53 1.12 0.00	33.64 0.86 0.00	39.91 0.77 -4.87	51.84 1.27 -6.29	51.11 1.78 0.00	43.03 1.54 0.00	40.43 1.06 0.00	31.23 1.19 0.00	32.01 1.37 0.00	35.12 1.64 0.00	40.33 1.71 0.00	43.25 1.90 0.00	56.32 2.38 -0.13	78.63 2.46 -15.51	298.06 2.37 -237.63	257.28 2.25 -199.74	115.91 2.10 -64.48	83.76 2.07 -31.88	60.44 1.97 -15.29	39.09 1.77 0.00	42.97 1.80 0.00
HOLTSVILLE_IC_6 23695	43.37 2.18 0.00	36.21 1.68 0.00	36.06 1.43 0.00	33.66 1.25 0.00	33.76 0.98 0.00	39.14 0.91 -3.95	50.87 1.48 -5.11	51.36 2.03 0.00	43.26 1.77 0.00	40.64 1.27 0.00	31.37 1.33 0.00	32.14 1.50 0.00	35.27 1.78 0.00	40.51 1.89 0.00	43.46 2.11 0.00	56.61 2.70 -0.11	76.92 2.87 -13.40	287.90 2.72 -227.13	249.43 2.55 -191.59	112.52 2.41 -60.79	81.71 2.42 -29.47	59.24 2.24 -13.82	39.31 1.99 0.00	43.19 2.02 0.00
HOLTSVILLE_IC_7 23696	43.37 2.18 0.00	36.21 1.68 0.00	36.06 1.43 0.00	33.66 1.25 0.00	33.76 0.98 0.00	39.14 0.91 -3.95	50.87 1.48 -5.11	51.36 2.03 0.00	43.26 1.77 0.00	40.64 1.27 0.00	31.37 1.33 0.00	32.14 1.50 0.00	35.27 1.78 0.00	40.51 1.89 0.00	43.46 2.11 0.00	56.61 2.70 -0.11	76.92 2.87 -13.40	287.90 2.72 -227.13	249.43 2.55 -191.59	112.52 2.41 -60.79	81.71 2.42 -29.47	59.24 2.24 -13.82	39.31 1.99 0.00	43.19 2.02 0.00
HOLTSVILLE_IC_8 23697	43.37 2.18 0.00	36.21 1.68 0.00	36.06 1.43 0.00	33.66 1.25 0.00	33.76 0.98 0.00	39.14 0.91 -3.95	50.87 1.48 -5.11	51.36 2.03 0.00	43.26 1.77 0.00	40.64 1.27 0.00	31.37 1.33 0.00	32.14 1.50 0.00	35.27 1.78 0.00	40.51 1.89 0.00	43.46 2.11 0.00	56.61 2.70 -0.11	76.92 2.87 -13.40	287.90 2.72 -227.13	249.43 2.55 -191.59	112.52 2.41 -60.79	81.71 2.42 -29.47	59.24 2.24 -13.82	39.31 1.99 0.00	43.19 2.02 0.00
HOLTSVILLE_IC_9 23698	43.37 2.18 0.00	36.21 1.68 0.00	36.06 1.43 0.00	33.66 1.25 0.00	33.76 0.98 0.00	39.14 0.91 -3.95	50.87 1.48 -5.11	51.36 2.03 0.00	43.26 1.77 0.00	40.64 1.27 0.00	31.37 1.33 0.00	32.14 1.50 0.00	35.27 1.78 0.00	40.51 1.89 0.00	43.46 2.11 0.00	56.61 2.70 -0.11	76.92 2.87 -13.40	287.90 2.72 -227.13	249.43 2.55 -191.59	112.52 2.41 -60.79	81.71 2.42 -29.47	59.24 2.24 -13.82	39.31 1.99 0.00	43.19 2.02 0.00
HOMER_HL_115KV_TB2 355744	38.34 -2.85 0.00	32.05 -2.48 0.00	32.64 -2.00 0.00	30.52 -1.89 0.00	31.09 -1.69 0.00	32.81 -1.46 0.00	42.48 -1.80 0.00	47.40 -1.93 0.00	40.24 -1.26 0.00	38.86 -0.51 0.00	29.94 -0.10 0.00	30.62 -0.02 0.00	33.33 -0.16 0.00	38.65 0.03 0.00	41.41 0.06 0.00	53.43 -0.37 0.00	59.18 -1.48 0.00	56.86 -1.19 0.00	54.13 -1.17 0.00	47.71 -1.61 0.00	48.70 -1.12 0.00	41.63 -1.55 0.00	36.11 -1.21 0.00	39.56 -1.61 0.00
HOWARD_WT_PWR 323690	37.31 -3.89 0.00	31.16 -3.37 0.00	31.65 -2.99 0.00	29.45 -2.97 0.00	29.94 -2.84 0.00	32.03 -2.24 0.00	41.82 -2.46 0.00	47.19 -2.14 0.00	40.56 -0.94 0.00	39.31 -0.06 0.00	30.15 0.11 0.00	30.84 0.20 0.00	33.59 0.10 0.00	39.11 0.49 0.00	42.24 0.88 0.00	54.71 0.91 0.00	60.57 -0.08 0.00	58.15 0.09 0.00	55.47 0.18 0.00	48.93 -0.39 0.00	49.89 0.07 0.00	42.61 -0.57 0.00	37.01 -0.32 0.00	40.51 -0.66 0.00
HQ_GEN_CEDARS 23644	42.11 0.92 0.00	35.22 0.70 0.00	35.41 0.78 0.00	33.12 0.71 0.00	33.55 0.76 0.00	35.15 0.87 0.00	45.19 0.90 0.00	50.49 1.16 0.00	42.60 1.10 0.00	40.52 1.15 0.00	30.88 0.84 0.00	31.49 0.86 0.00	34.41 0.92 0.00	39.82 1.20 0.00	42.68 1.33 0.00	55.53 1.73 0.00	62.91 2.26 0.00	60.38 2.33 0.00	57.47 2.17 0.00	51.25 1.93 0.00	51.72 1.90 0.00	44.76 1.58 0.00	38.67 1.35 0.00	42.66 1.49 0.00
HQ_GEN_CEDARS_PROXY 323590	42.11 0.91 0.00	35.22 0.70 0.00	35.42 0.78 0.00	33.12 0.71 0.00	33.55 0.76 0.00	35.15 0.87 0.00	44.80 0.90 0.39	50.49 1.16 0.00	42.60 1.10 0.00	40.52 1.15 0.00	30.88 0.84 0.00	31.49 0.86 0.00	34.41 0.92 0.00	39.82 1.20 0.00	42.68 1.33 0.00	55.53 1.73 0.00	62.91 2.26 0.00	60.38 2.33 0.00	57.47 2.17 0.00	51.08 1.93 0.17	51.72 1.90 0.00	44.76 1.58 0.00	38.67 1.35 0.00	42.66 1.49 0.00

HQ_GEN_IMPORT 323601	41.47 0.27 0.00	34.75 0.22 0.00	34.89 0.26 0.00	32.64 0.22 0.00	33.03 0.24 0.00	34.57 0.29 0.00	42.84 0.26 1.71	49.70 0.37 0.00	41.89 0.40 0.00	39.82 0.45 0.00	30.48 0.31 -0.12	30.95 0.31 0.00	33.84 0.35 0.00	39.09 0.47 0.00	41.86 0.51 0.00	54.46 0.66 0.00	61.48 0.83 0.00	58.88 0.82 0.00	56.08 0.79 0.00	49.66 0.72 0.39	50.52 0.70 0.00	43.76 0.57 0.00	37.81 0.49 0.00	41.71 0.55 0.00
HQ_GEN_WHEEL 23651	41.47 0.27 0.00	34.75 0.22 0.00	34.89 0.26 0.00	32.64 0.22 0.00	33.03 0.24 0.00	34.57 0.29 0.00	42.84 0.26 1.71	49.70 0.37 0.00	41.89 0.40 0.00	39.82 0.45 0.00	30.48 0.31 -0.12	30.95 0.31 0.00	33.84 0.35 0.00	39.09 0.47 0.00	41.86 0.51 0.00	54.46 0.66 0.00	61.48 0.83 0.00	58.88 0.82 0.00	56.08 0.79 0.00	49.66 0.72 0.39	50.52 0.70 0.00	43.76 0.57 0.00	37.81 0.49 0.00	41.71 0.55 0.00
HUDSON AVE_GT_3 23810	43.29 2.10 0.00	36.22 1.69 0.00	36.14 1.50 0.00	33.79 1.38 0.00	34.04 1.26 0.00	35.66 1.38 0.00	46.16 1.87 0.00	51.40 2.07 0.00	43.16 1.66 0.00	40.83 1.46 0.00	31.41 1.38 0.00	32.18 1.54 0.00	35.21 1.72 0.00	40.63 2.01 0.00	43.39 2.04 0.00	56.09 2.29 0.00	62.82 2.17 0.00	60.08 2.03 0.00	57.18 1.88 0.00	51.05 1.73 0.00	51.63 1.81 0.00	44.95 1.77 0.00	38.82 1.49 0.00	42.66 1.49 0.00
HUDSON AVE_GT_4 23540	43.29 2.10 0.00	36.22 1.69 0.00	36.14 1.50 0.00	33.79 1.38 0.00	34.04 1.26 0.00	35.66 1.38 0.00	46.16 1.87 0.00	51.40 2.07 0.00	43.16 1.66 0.00	40.83 1.46 0.00	31.41 1.38 0.00	32.18 1.54 0.00	35.21 1.72 0.00	40.63 2.01 0.00	43.39 2.04 0.00	56.09 2.29 0.00	62.82 2.17 0.00	60.08 2.03 0.00	57.18 1.88 0.00	51.05 1.73 0.00	51.63 1.81 0.00	44.95 1.77 0.00	38.82 1.49 0.00	42.66 1.49 0.00
HUDSON AVE_GT_5 23657	43.29 2.10 0.00	36.22 1.69 0.00	36.14 1.50 0.00	33.79 1.38 0.00	34.04 1.26 0.00	35.66 1.38 0.00	46.16 1.87 0.00	51.40 2.07 0.00	43.16 1.66 0.00	40.83 1.46 0.00	31.41 1.38 0.00	32.18 1.54 0.00	35.21 1.72 0.00	40.63 2.01 0.00	43.39 2.04 0.00	56.09 2.29 0.00	62.82 2.17 0.00	60.08 2.03 0.00	57.18 1.88 0.00	51.05 1.73 0.00	51.63 1.81 0.00	44.95 1.77 0.00	38.82 1.49 0.00	42.66 1.49 0.00
HUDSON_AVE_10 24168	43.14 1.94 0.00	36.09 1.56 0.00	36.01 1.38 0.00	33.67 1.26 0.00	33.92 1.13 0.00	35.52 1.25 0.00	45.98 1.69 0.00	51.20 1.87 0.00	42.98 1.49 0.00	40.65 1.28 0.00	31.27 1.24 0.00	32.03 1.39 0.00	35.05 1.56 0.00	40.46 1.84 0.00	43.20 1.85 0.00	55.84 2.03 0.00	62.54 1.89 0.00	59.80 1.75 0.00	56.93 1.64 0.00	50.82 1.50 0.00	51.41 1.60 0.00	44.79 1.61 0.00	38.67 1.35 0.00	42.52 1.35 0.00
HUDSON___115KV_TB 4 355613	42.30 1.10 0.00	35.52 0.99 0.00	35.52 0.89 0.00	33.26 0.84 0.00	33.63 0.84 0.00	35.18 0.90 0.00	45.41 1.12 0.00	50.48 1.15 0.00	42.39 0.89 0.00	39.88 0.51 0.00	30.33 0.29 0.00	30.99 0.35 0.00	33.83 0.34 0.00	38.89 0.27 0.00	41.57 0.22 0.00	54.18 0.37 0.00	61.68 1.03 0.00	59.12 1.07 0.00	56.29 0.99 0.00	50.21 0.88 0.00	50.60 0.79 0.00	43.96 0.78 0.00	37.94 0.62 0.00	41.86 0.69 0.00
HUNTER MOUNT___DRP 323613	42.37 1.17 0.00	35.57 1.04 0.00	35.56 0.93 0.00	33.30 0.88 0.00	33.68 0.90 0.00	35.25 0.97 0.00	45.48 1.20 0.00	50.61 1.28 0.00	42.51 1.01 0.00	39.99 0.62 0.00	30.36 0.32 0.00	31.02 0.38 0.00	33.84 0.35 0.00	38.89 0.27 0.00	41.60 0.25 0.00	54.29 0.48 0.00	61.88 1.23 0.00	59.36 1.31 0.00	56.51 1.22 0.00	50.39 1.07 0.00	50.77 0.96 0.00	44.09 0.91 0.00	38.04 0.72 0.00	41.95 0.78 0.00
HUNTINGTON_RES_REC 323705	43.16 1.96 0.00	36.02 1.50 0.00	35.88 1.25 0.00	33.47 1.05 0.00	33.56 0.78 0.00	33.89 0.68 1.08	44.04 1.15 1.39	50.95 1.62 0.00	42.88 1.39 0.00	40.32 0.95 0.00	31.16 1.12 0.00	31.95 1.31 0.00	35.08 1.59 0.00	40.25 1.63 0.00	43.13 1.78 0.00	55.93 2.16 0.03	68.55 2.23 -5.66	449.20 2.16 -388.99	373.49 2.03 -316.16	151.07 1.91 -99.84	93.22 1.86 -41.54	60.52 1.78 -15.55	38.95 1.62 0.00	42.84 1.68 0.00
HUNTLEY___63 23557	37.96 -3.24 0.00	31.96 -2.57 0.00	32.70 -1.93 0.00	30.57 -1.85 0.00	31.21 -1.58 0.00	32.76 -1.52 0.00	42.17 -2.11 0.00	46.88 -2.45 0.00	40.00 -1.49 0.00	38.65 -0.72 0.00	29.84 -0.20 0.00	30.52 -0.12 0.00	33.23 -0.26 0.00	38.66 0.04 0.00	41.52 0.17 0.00	53.56 -0.24 0.00	59.23 -1.42 0.00	56.83 -1.22 0.00	54.06 -1.23 0.00	47.82 -1.51 0.00	48.66 -1.16 0.00	41.85 -1.33 0.00	36.33 -1.00 0.00	39.90 -1.27 0.00
HUNTLEY___64 23558	37.96 -3.24 0.00	31.96 -2.57 0.00	32.70 -1.93 0.00	30.57 -1.85 0.00	31.21 -1.58 0.00	32.76 -1.52 0.00	42.17 -2.11 0.00	46.88 -2.45 0.00	40.00 -1.49 0.00	38.65 -0.72 0.00	29.84 -0.20 0.00	30.52 -0.12 0.00	33.23 -0.26 0.00	38.66 0.04 0.00	41.52 0.17 0.00	53.56 -0.24 0.00	59.23 -1.42 0.00	56.83 -1.22 0.00	54.06 -1.23 0.00	47.82 -1.51 0.00	48.66 -1.16 0.00	41.85 -1.33 0.00	36.33 -1.00 0.00	39.90 -1.27 0.00
HUNTLEY___65 23559	37.96 -3.24 0.00	31.96 -2.57 0.00	32.70 -1.93 0.00	30.57 -1.85 0.00	31.21 -1.58 0.00	32.76 -1.52 0.00	42.17 -2.11 0.00	46.88 -2.45 0.00	40.00 -1.49 0.00	38.65 -0.72 0.00	29.84 -0.20 0.00	30.52 -0.12 0.00	33.23 -0.26 0.00	38.66 0.04 0.00	41.52 0.17 0.00	53.56 -0.24 0.00	59.23 -1.42 0.00	56.83 -1.22 0.00	54.06 -1.23 0.00	47.82 -1.51 0.00	48.66 -1.16 0.00	41.85 -1.33 0.00	36.33 -1.00 0.00	39.90 -1.27 0.00
HUNTLEY___66 23560	37.96 -3.24 0.00	31.96 -2.57 0.00	32.70 -1.93 0.00	30.57 -1.85 0.00	31.21 -1.58 0.00	32.76 -1.52 0.00	42.17 -2.11 0.00	46.88 -2.45 0.00	40.00 -1.49 0.00	38.65 -0.72 0.00	29.84 -0.20 0.00	30.52 -0.12 0.00	33.23 -0.26 0.00	38.66 0.04 0.00	41.52 0.17 0.00	53.56 -0.24 0.00	59.23 -1.42 0.00	56.83 -1.22 0.00	54.06 -1.23 0.00	47.82 -1.51 0.00	48.66 -1.16 0.00	41.85 -1.33 0.00	36.33 -1.00 0.00	39.90 -1.27 0.00
HUNTLEY___67 23561	37.77 -3.42 0.00	31.80 -2.73 0.00	32.53 -2.10 0.00	30.42 -1.99 0.00	31.05 -1.74 0.00	32.59 -1.69 0.00	42.05 -2.24 0.00	46.76 -2.57 0.00	39.90 -1.60 0.00	38.55 -0.82 0.00	29.75 -0.29 0.00	30.43 -0.21 0.00	33.13 -0.35 0.00	38.51 -0.11 0.00	41.34 -0.01 0.00	53.33 -0.48 0.00	58.97 -1.68 0.00	56.58 -1.47 0.00	53.83 -1.46 0.00	47.60 -1.72 0.00	48.45 -1.37 0.00	41.61 -1.57 0.00	36.11 -1.21 0.00	39.67 -1.50 0.00
HUNTLEY___68 23562	37.77 -3.42 0.00	31.80 -2.73 0.00	32.53 -2.10 0.00	30.42 -1.99 0.00	31.05 -1.74 0.00	32.59 -1.69 0.00	42.05 -2.24 0.00	46.76 -2.57 0.00	39.90 -1.60 0.00	38.55 -0.82 0.00	29.75 -0.29 0.00	30.43 -0.21 0.00	33.13 -0.35 0.00	38.51 -0.11 0.00	41.34 -0.01 0.00	53.33 -0.48 0.00	58.97 -1.68 0.00	56.58 -1.47 0.00	53.83 -1.46 0.00	47.60 -1.72 0.00	48.45 -1.37 0.00	41.61 -1.57 0.00	36.11 -1.21 0.00	39.67 -1.50 0.00



HYLAND___LFGE 323620	40.18 -1.02 0.00	33.68 -0.85 0.00	34.14 -0.49 0.00	31.92 -0.50 0.00	32.49 -0.29 0.00	34.30 0.03 0.00	44.59 0.31 0.00	49.91 0.57 0.00	42.44 0.95 0.00	40.91 1.54 0.00	31.16 1.12 0.00	31.71 1.07 0.00	34.65 1.16 0.00	40.50 1.88 0.00	43.62 2.27 0.00	56.59 2.79 0.00	63.27 2.62 0.00	60.85 2.80 0.00	58.01 2.72 0.00	51.31 1.98 0.00	52.09 2.27 0.00	44.56 1.38 0.00	38.56 1.24 0.00	42.19 1.02 0.00
INDECK___CORINTH 23802	42.16 0.97 0.00	35.38 0.85 0.00	35.43 0.79 0.00	33.18 0.77 0.00	33.63 0.84 0.00	35.17 0.89 0.00	45.52 1.23 0.00	50.58 1.25 0.00	42.54 1.05 0.00	39.88 0.52 0.00	30.23 0.19 0.00	30.80 0.16 0.00	33.75 0.27 0.00	38.71 0.09 0.00	41.49 0.14 0.00	54.47 0.67 0.00	61.83 1.18 0.00	59.29 1.23 0.00	56.30 1.01 0.00	50.07 0.75 0.00	50.52 0.71 0.00	44.06 0.88 0.00	38.07 0.75 0.00	42.22 1.05 0.00
INDECK___ILION 23567	41.92 0.73 0.00	35.18 0.65 0.00	35.23 0.60 0.00	32.98 0.57 0.00	33.35 0.57 0.00	34.79 0.52 0.00	44.98 0.69 0.00	50.09 0.76 0.00	41.74 0.24 0.00	39.31 -0.06 0.00	30.03 -0.01 0.00	30.65 0.01 0.00	33.56 0.07 0.00	38.53 -0.09 0.00	41.37 0.02 0.00	54.25 0.45 0.00	61.59 0.94 0.00	59.05 1.00 0.00	56.55 1.25 0.00	50.46 1.14 0.00	50.97 1.15 0.00	44.19 1.01 0.00	38.24 0.92 0.00	42.17 1.00 0.00
INDECK___OLEAN 23982	38.35 -2.84 0.00	32.05 -2.49 0.00	32.64 -1.99 0.00	30.52 -1.89 0.00	31.09 -1.69 0.00	32.81 -1.46 0.00	42.48 -1.80 0.00	47.40 -1.93 0.00	40.22 -1.28 0.00	38.86 -0.51 0.00	29.94 -0.10 0.00	30.63 -0.01 0.00	33.33 -0.16 0.00	38.65 0.03 0.00	41.41 0.06 0.00	53.43 -0.37 0.00	59.18 -1.47 0.00	56.85 -1.20 0.00	54.12 -1.17 0.00	47.71 -1.61 0.00	48.70 -1.12 0.00	41.63 -1.55 0.00	36.12 -1.21 0.00	39.56 -1.61 0.00
INDECK___OSWEGO 23783	39.90 -1.29 0.00	33.47 -1.06 0.00	33.58 -1.05 0.00	31.45 -0.96 0.00	31.82 -0.96 0.00	33.19 -1.09 0.00	42.98 -1.30 0.00	47.88 -1.45 0.00	40.16 -1.34 0.00	38.11 -1.26 0.00	29.00 -1.04 0.00	29.56 -1.08 0.00	32.24 -1.25 0.00	37.14 -1.48 0.00	39.85 -1.50 0.00	51.95 -1.85 0.00	58.59 -2.06 0.00	56.18 -1.87 0.00	53.58 -1.71 0.00	47.79 -1.53 0.00	48.29 -1.53 0.00	41.82 -1.36 0.00	36.18 -1.15 0.00	39.90 -1.27 0.00
INDECK___YERKES 23781	37.99 -3.21 0.00	32.00 -2.53 0.00	32.72 -1.91 0.00	30.59 -1.82 0.00	31.23 -1.55 0.00	32.78 -1.49 0.00	42.21 -2.08 0.00	46.90 -2.43 0.00	40.03 -1.47 0.00	38.69 -0.68 0.00	29.86 -0.18 0.00	30.54 -0.10 0.00	33.25 -0.24 0.00	38.69 0.07 0.00	41.56 0.21 0.00	53.61 -0.19 0.00	59.27 -1.38 0.00	56.88 -1.17 0.00	54.11 -1.18 0.00	47.85 -1.47 0.00	48.69 -1.13 0.00	41.88 -1.30 0.00	36.36 -0.96 0.00	39.92 -1.25 0.00
INDIAN POINT_GT_1 24139	42.81 1.62 0.00	35.80 1.28 0.00	35.74 1.10 0.00	33.43 1.01 0.00	33.69 0.91 0.00	35.28 1.00 0.00	45.68 1.39 0.00	50.84 1.51 0.00	42.67 1.18 0.00	40.39 1.02 0.00	31.02 0.98 0.00	31.75 1.12 0.00	34.76 1.27 0.00	40.11 1.49 0.00	42.85 1.50 0.00	55.45 1.65 0.00	62.23 1.58 0.00	59.51 1.46 0.00	56.63 1.34 0.00	50.51 1.19 0.00	51.06 1.24 0.00	44.38 1.20 0.00	38.33 1.01 0.00	42.17 1.00 0.00
INDIAN POINT_GT_2 23659	42.81 1.62 0.00	35.80 1.28 0.00	35.74 1.10 0.00	33.43 1.01 0.00	33.69 0.91 0.00	35.28 1.00 0.00	45.68 1.39 0.00	50.84 1.51 0.00	42.67 1.18 0.00	40.39 1.02 0.00	31.02 0.98 0.00	31.75 1.12 0.00	34.76 1.27 0.00	40.11 1.49 0.00	42.85 1.50 0.00	55.45 1.65 0.00	62.23 1.58 0.00	59.51 1.46 0.00	56.63 1.34 0.00	50.51 1.19 0.00	51.06 1.24 0.00	44.38 1.20 0.00	38.33 1.01 0.00	42.17 1.00 0.00
INDIAN POINT_GT_3 24019	42.81 1.62 0.00	35.80 1.28 0.00	35.74 1.10 0.00	33.43 1.01 0.00	33.69 0.91 0.00	35.28 1.00 0.00	45.68 1.39 0.00	50.84 1.51 0.00	42.67 1.18 0.00	40.39 1.02 0.00	31.02 0.98 0.00	31.75 1.12 0.00	34.76 1.27 0.00	40.11 1.49 0.00	42.85 1.50 0.00	55.45 1.65 0.00	62.23 1.58 0.00	59.51 1.46 0.00	56.63 1.34 0.00	50.51 1.19 0.00	51.06 1.24 0.00	44.38 1.20 0.00	38.33 1.01 0.00	42.17 1.00 0.00
INDIAN POINT___2 23530	42.76 1.57 0.00	35.75 1.23 0.00	35.71 1.07 0.00	33.39 0.98 0.00	33.66 0.87 0.00	35.25 0.97 0.00	45.64 1.36 0.00	50.78 1.45 0.00	42.63 1.13 0.00	40.34 0.97 0.00	30.99 0.95 0.00	31.71 1.08 0.00	34.72 1.24 0.00	40.07 1.45 0.00	42.80 1.45 0.00	55.40 1.59 0.00	62.18 1.53 0.00	59.44 1.39 0.00	56.57 1.27 0.00	50.44 1.12 0.00	50.99 1.17 0.00	44.32 1.14 0.00	38.26 0.94 0.00	42.11 0.94 0.00
INDIAN POINT___3 23531	42.81 1.62 0.00	35.81 1.28 0.00	35.74 1.11 0.00	33.43 1.02 0.00	33.69 0.91 0.00	35.29 1.01 0.00	45.69 1.40 0.00	50.85 1.52 0.00	42.68 1.18 0.00	40.40 1.03 0.00	31.03 0.99 0.00	31.76 1.12 0.00	34.78 1.29 0.00	40.12 1.50 0.00	42.85 1.50 0.00	55.47 1.67 0.00	62.24 1.59 0.00	59.51 1.46 0.00	56.63 1.34 0.00	50.52 1.20 0.00	51.06 1.24 0.00	44.39 1.21 0.00	38.33 1.01 0.00	42.18 1.01 0.00
INGHAM_C_115KV_TB7 356103	42.99 1.79 0.00	36.10 1.57 0.00	36.12 1.49 0.00	33.80 1.38 0.00	34.18 1.39 0.00	35.58 1.30 0.00	46.00 1.71 0.00	51.21 1.88 0.00	42.22 0.72 0.00	39.32 -0.04 0.00	30.07 0.02 0.00	30.73 0.09 0.00	33.70 0.21 0.00	38.49 -0.13 0.00	41.48 0.13 0.00	54.95 1.15 0.00	62.93 2.28 0.00	60.49 2.43 0.00	58.30 3.00 0.00	52.03 2.71 0.00	52.55 2.74 0.00	45.55 2.37 0.00	39.48 2.15 0.00	43.55 2.38 0.00
IP CORINTH___1 23988	42.37 1.18 0.00	35.56 1.02 0.00	35.61 0.98 0.00	33.35 0.94 0.00	33.79 1.01 0.00	35.35 1.07 0.00	45.74 1.46 0.00	50.85 1.52 0.00	42.77 1.28 0.00	40.11 0.74 0.00	30.39 0.36 0.00	30.97 0.33 0.00	33.92 0.44 0.00	38.91 0.29 0.00	41.72 0.36 0.00	54.78 0.97 0.00	62.18 1.53 0.00	59.63 1.57 0.00	56.63 1.33 0.00	50.36 1.04 0.00	50.82 1.00 0.00	44.29 1.11 0.00	38.28 0.96 0.00	42.44 1.27 0.00
IP___TICONDEROGA 23804	43.45 2.26 0.00	36.57 2.04 0.00	36.80 2.17 0.00	34.49 2.08 0.00	35.10 2.32 0.00	36.62 2.34 0.00	47.43 3.14 0.00	52.82 3.49 0.00	44.86 3.36 0.00	41.62 2.25 0.00	31.27 1.23 0.00	31.86 1.22 0.00	35.23 1.75 0.00	40.28 1.66 0.00	43.03 1.68 0.00	57.12 3.32 0.00	65.59 4.94 0.00	63.26 5.20 0.00	59.97 4.68 0.00	52.85 3.52 0.00	53.10 3.28 0.00	46.43 3.25 0.00	40.46 3.13 0.00	44.87 3.70 0.00
ISLIP_RES_REC 323679	43.54 2.34 0.00	36.34 1.81 0.00	36.19 1.56 0.00	33.79 1.37 0.00	33.89 1.11 0.00	39.17 1.06 -3.83	50.93 1.69 -4.95	51.60 2.27 0.00	43.47 1.97 0.00	40.84 1.47 0.00	31.50 1.46 0.00	32.27 1.63 0.00	35.42 1.93 0.00	40.69 2.07 0.00	43.67 2.32 0.00	56.91 3.00 -0.11	76.64 3.24 -12.74	265.91 3.08 -204.78	232.56 2.91 -174.36	106.64 2.70 -54.62	79.25 2.70 -26.74	58.34 2.48 -12.68	39.50 2.18 0.00	43.39 2.22 0.00

JAMAICA__27_KV_LOAD 355505	43.34 2.15 0.00	36.27 1.74 0.00	36.19 1.55 0.00	33.84 1.43 0.00	34.08 1.30 0.00	35.70 1.42 0.00	46.21 1.93 0.00	51.44 2.11 0.00	43.20 1.70 0.00	40.81 1.44 0.00	31.37 1.33 0.00	32.11 1.47 0.00	35.15 1.66 0.00	40.59 1.97 0.00	43.34 1.99 0.00	56.02 2.22 0.00	62.76 2.11 0.00	60.04 1.99 0.00	57.17 1.87 0.00	51.03 1.72 0.00	51.64 1.82 0.00	45.05 1.87 0.00	38.88 1.55 0.00	42.78 1.61 0.00
JANIS__SOLAR 323808	41.41 0.22 0.00	34.86 0.32 0.00	35.18 0.54 0.00	32.95 0.54 0.00	33.33 0.54 0.00	34.66 0.39 0.00	44.94 0.66 0.00	50.35 1.02 0.00	41.96 0.46 0.00	40.21 0.84 0.00	30.42 0.38 0.00	30.95 0.31 0.00	33.75 0.26 0.00	39.17 0.55 0.00	42.46 1.11 0.00	56.29 2.49 0.00	63.83 3.18 0.00	61.38 3.33 0.00	58.20 2.91 0.00	51.64 2.32 0.00	52.20 2.38 0.00	45.02 1.84 0.00	38.88 1.55 0.00	42.67 1.50 0.00
JARVIS____ 23743	41.21 0.02 0.00	34.56 0.02 0.00	34.63 0.00 0.00	32.41 0.00 0.00	32.78 0.00 0.00	34.28 0.00 0.00	44.33 0.04 0.00	49.33 0.00 0.00	41.46 -0.04 0.00	39.28 -0.09 0.00	29.97 -0.07 0.00	30.58 -0.06 0.00	33.42 -0.07 0.00	38.51 -0.12 0.00	41.23 -0.12 0.00	53.69 -0.11 0.00	60.56 -0.10 0.00	57.94 -0.11 0.00	55.23 -0.07 0.00	49.27 -0.05 0.00	49.77 -0.05 0.00	43.15 -0.03 0.00	37.30 -0.03 0.00	41.15 -0.02 0.00
JENNISON____1 23625	41.15 -0.04 0.00	34.58 0.05 0.00	34.97 0.34 0.00	32.81 0.39 0.00	33.24 0.46 0.00	34.52 0.25 0.00	44.66 0.37 0.00	50.32 0.99 0.00	42.36 0.87 0.00	40.11 0.74 0.00	30.71 0.67 0.00	31.54 0.90 0.00	34.62 1.13 0.00	40.07 1.45 0.00	43.35 2.00 0.00	57.14 3.34 0.00	64.66 4.01 0.00	61.99 3.94 0.00	58.78 3.48 0.00	52.32 3.00 0.00	52.90 3.08 0.00	45.71 2.53 0.00	39.45 2.13 0.00	43.27 2.10 0.00
JENNISON____2 23626	41.15 -0.04 0.00	34.58 0.05 0.00	34.97 0.34 0.00	32.81 0.39 0.00	33.24 0.46 0.00	34.52 0.25 0.00	44.66 0.37 0.00	50.32 0.99 0.00	42.36 0.87 0.00	40.11 0.74 0.00	30.71 0.67 0.00	31.54 0.90 0.00	34.62 1.13 0.00	40.07 1.45 0.00	43.35 2.00 0.00	57.14 3.34 0.00	64.66 4.01 0.00	61.99 3.94 0.00	58.78 3.48 0.00	52.32 3.00 0.00	52.90 3.08 0.00	45.71 2.53 0.00	39.45 2.13 0.00	43.27 2.10 0.00
JERICOHO_RISE_WT_PWR 323719	40.83 -0.37 0.00	34.10 -0.43 0.00	34.28 -0.36 0.00	31.94 -0.48 0.00	32.34 -0.45 0.00	33.96 -0.32 0.00	43.73 -0.56 0.00	49.11 -0.22 0.00	41.76 0.26 0.00	39.69 0.32 0.00	30.07 0.03 0.00	30.68 0.05 0.00	33.58 0.09 0.00	39.05 0.43 0.00	41.95 0.60 0.00	54.66 0.86 0.00	61.97 1.33 0.00	59.52 1.46 0.00	56.68 1.38 0.00	50.68 1.36 0.00	51.12 1.31 0.00	44.32 1.14 0.00	38.28 0.96 0.00	42.21 1.04 0.00
KATONAH__115KV_46KV_TB4 355592	43.00 1.81 0.00	35.97 1.44 0.00	35.90 1.27 0.00	33.58 1.16 0.00	33.84 1.06 0.00	35.44 1.16 0.00	45.89 1.61 0.00	51.11 1.78 0.00	42.92 1.43 0.00	40.60 1.23 0.00	31.19 1.15 0.00	31.92 1.28 0.00	34.94 1.46 0.00	40.31 1.69 0.00	43.08 1.73 0.00	55.78 1.98 0.00	62.58 1.93 0.00	59.87 1.82 0.00	56.99 1.70 0.00	50.84 1.52 0.00	51.38 1.56 0.00	44.65 1.47 0.00	38.54 1.22 0.00	42.40 1.23 0.00
KCE_NY_1 323755	42.69 1.49 0.00	35.78 1.25 0.00	35.81 1.18 0.00	33.52 1.11 0.00	33.94 1.15 0.00	35.49 1.21 0.00	45.94 1.65 0.00	51.02 1.69 0.00	42.82 1.32 0.00	40.28 0.91 0.00	30.61 0.57 0.00	31.17 0.54 0.00	34.18 0.69 0.00	39.29 0.67 0.00	42.10 0.75 0.00	55.09 1.29 0.00	62.47 1.82 0.00	59.74 1.68 0.00	56.77 1.47 0.00	50.55 1.23 0.00	51.03 1.21 0.00	44.38 1.20 0.00	38.30 0.97 0.00	42.48 1.31 0.00
KCE_NY_6_ESR 323823	37.98 -3.21 0.00	31.94 -2.59 0.00	32.64 -1.99 0.00	30.54 -1.87 0.00	31.21 -1.58 0.00	32.84 -1.44 0.00	42.41 -1.88 0.00	47.24 -2.10 0.00	40.29 -1.21 0.00	38.96 -0.41 0.00	30.04 0.00 0.00	30.73 0.09 0.00	33.45 -0.04 0.00	38.89 0.27 0.00	41.77 0.42 0.00	53.93 0.13 0.00	59.62 -1.03 0.00	57.26 -0.79 0.00	54.48 -0.81 0.00	48.12 -1.20 0.00	49.02 -0.80 0.00	41.99 -1.19 0.00	36.48 -0.85 0.00	40.03 -1.14 0.00
KEDC_PORT_JEFF_GT2 24210	43.31 2.12 0.00	36.15 1.62 0.00	36.00 1.37 0.00	33.60 1.18 0.00	33.70 0.92 0.00	38.87 0.83 -3.76	50.50 1.36 -4.86	51.25 1.92 0.00	43.16 1.66 0.00	40.55 1.18 0.00	31.31 1.27 0.00	32.08 1.44 0.00	35.21 1.73 0.00	40.43 1.81 0.00	43.37 2.02 0.00	56.48 2.57 -0.10	76.75 2.72 -13.38	309.46 2.63 -248.78	266.03 2.47 -208.27	118.09 2.31 -66.46	83.80 2.27 -31.71	59.89 2.13 -14.57	39.23 1.90 0.00	43.10 1.92 0.00
KEDC_PORT_JEFF_GT3 24211	43.31 2.12 0.00	36.15 1.62 0.00	36.00 1.37 0.00	33.60 1.18 0.00	33.70 0.92 0.00	38.87 0.83 -3.76	50.50 1.36 -4.86	51.25 1.92 0.00	43.16 1.66 0.00	40.55 1.18 0.00	31.31 1.27 0.00	32.08 1.44 0.00	35.21 1.73 0.00	40.43 1.81 0.00	43.37 2.02 0.00	56.48 2.57 -0.10	76.75 2.72 -13.38	309.46 2.63 -248.78	266.03 2.47 -208.27	118.09 2.31 -66.46	83.80 2.27 -31.71	59.89 2.13 -14.57	39.23 1.90 0.00	43.10 1.92 0.00
KEDC_GLWD_GT4 24219	43.31 2.12 0.00	36.19 1.67 0.00	36.11 1.47 0.00	33.73 1.32 0.00	33.95 1.16 0.00	35.49 1.22 0.00	46.02 1.73 0.00	51.33 2.00 0.00	43.15 1.66 0.00	40.74 1.37 0.00	31.38 1.34 0.00	32.15 1.52 0.00	35.24 1.75 0.00	40.58 1.96 0.00	43.41 2.05 0.00	56.19 2.38 0.00	65.00 2.35 -2.00	85.98 2.21 -25.72	102.98 2.10 -45.59	51.22 1.89 -0.01	51.73 1.91 0.00	45.00 1.81 0.00	38.89 1.56 0.00	42.76 1.59 0.00
KEDC_GLWD_GT5 24220	43.31 2.12 0.00	36.19 1.67 0.00	36.11 1.47 0.00	33.73 1.32 0.00	33.95 1.16 0.00	35.49 1.22 0.00	46.02 1.73 0.00	51.33 2.00 0.00	43.15 1.66 0.00	40.74 1.37 0.00	31.38 1.34 0.00	32.15 1.52 0.00	35.24 1.75 0.00	40.58 1.96 0.00	43.41 2.05 0.00	56.19 2.38 0.00	65.00 2.35 -2.00	85.98 2.21 -25.72	102.98 2.10 -45.59	51.22 1.89 -0.01	51.73 1.91 0.00	45.00 1.81 0.00	38.89 1.56 0.00	42.76 1.59 0.00
KENSICO____ 23655	42.93 1.73 0.00	35.90 1.37 0.00	35.83 1.20 0.00	33.51 1.10 0.00	33.77 0.99 0.00	35.37 1.09 0.00	45.78 1.50 0.00	50.98 1.65 0.00	42.80 1.30 0.00	40.50 1.14 0.00	31.12 1.08 0.00	31.85 1.21 0.00	34.88 1.39 0.00	40.23 1.61 0.00	42.98 1.63 0.00	55.63 1.82 0.00	62.40 1.75 0.00	59.65 1.60 0.00	56.78 1.49 0.00	50.65 1.33 0.00	51.20 1.38 0.00	44.52 1.34 0.00	38.44 1.12 0.00	42.29 1.12 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	43.00 1.81 0.00	35.94 1.41 0.00	35.89 1.26 0.00	33.56 1.15 0.00	33.86 1.07 0.00	35.47 1.19 0.00	45.96 1.67 0.00	51.19 1.86 0.00	42.87 1.37 0.00	40.42 1.05 0.00	31.00 0.95 0.00	31.65 1.01 0.00	34.61 1.13 0.00	40.01 1.39 0.00	42.81 1.46 0.00	55.85 2.04 0.00	62.89 2.24 0.00	60.25 2.20 0.00	57.37 2.08 0.00	51.15 1.83 0.00	51.67 1.85 0.00	44.83 1.65 0.00	38.68 1.36 0.00	42.52 1.35 0.00

KIAC_JFK_GT1 23816	43.21 2.02 0.00	36.15 1.63 0.00	36.08 1.45 0.00	33.75 1.33 0.00	33.98 1.19 0.00	35.60 1.32 0.00	46.07 1.78 0.00	51.28 1.95 0.00	43.06 1.56 0.00	40.68 1.31 0.00	31.27 1.23 0.00	32.02 1.38 0.00	35.04 1.55 0.00	40.47 1.85 0.00	43.20 1.85 0.00	55.84 2.03 0.00	62.54 1.89 0.00	59.82 1.76 0.00	56.95 1.67 0.00	50.84 1.52 0.00	51.46 1.64 0.00	44.89 1.71 0.00	38.74 1.42 0.00	42.63 1.46 0.00
KIAC_JFK_GT2 23817	43.21 2.02 0.00	36.15 1.63 0.00	36.08 1.45 0.00	33.75 1.33 0.00	33.98 1.19 0.00	35.60 1.32 0.00	46.07 1.78 0.00	51.28 1.95 0.00	43.06 1.56 0.00	40.68 1.31 0.00	31.27 1.23 0.00	32.02 1.38 0.00	35.04 1.55 0.00	40.47 1.85 0.00	43.20 1.85 0.00	55.84 2.03 0.00	62.54 1.89 0.00	59.82 1.76 0.00	56.95 1.67 0.00	50.84 1.52 0.00	51.46 1.64 0.00	44.89 1.71 0.00	38.74 1.42 0.00	42.63 1.46 0.00
KIAC_JFK____ 323774	43.21 2.02 0.00	36.15 1.63 0.00	36.08 1.45 0.00	33.75 1.33 0.00	33.98 1.19 0.00	35.60 1.32 0.00	46.07 1.78 0.00	51.28 1.95 0.00	43.06 1.56 0.00	40.68 1.31 0.00	31.27 1.23 0.00	32.01 1.37 0.00	35.04 1.56 0.00	40.48 1.85 0.00	43.20 1.85 0.00	55.84 2.04 0.00	62.54 1.89 0.00	59.82 1.76 0.00	56.96 1.67 0.00	50.84 1.52 0.00	51.46 1.64 0.00	44.90 1.71 0.00	38.74 1.42 0.00	42.63 1.46 0.00
KINTIGH__24_KV_GSU 356498	38.31 -2.89 0.00	32.20 -2.32 0.00	32.85 -1.78 0.00	30.71 -1.70 0.00	31.27 -1.52 0.00	32.77 -1.51 0.00	42.32 -1.97 0.00	47.05 -2.29 0.00	40.02 -1.48 0.00	38.57 -0.80 0.00	29.72 -0.32 0.00	30.37 -0.27 0.00	33.07 -0.42 0.00	38.39 -0.23 0.00	41.20 -0.15 0.00	53.20 -0.60 0.00	59.06 -1.59 0.00	56.63 -1.42 0.00	53.85 -1.44 0.00	47.69 -1.63 0.00	48.46 -1.36 0.00	41.69 -1.49 0.00	36.14 -1.19 0.00	39.73 -1.44 0.00
KINTIGH____ 23543	38.28 -2.92 0.00	32.19 -2.35 0.00	32.83 -1.80 0.00	30.69 -1.72 0.00	31.24 -1.54 0.00	32.74 -1.53 0.00	42.28 -2.00 0.00	47.02 -2.31 0.00	40.01 -1.49 0.00	38.54 -0.82 0.00	29.70 -0.34 0.00	30.34 -0.30 0.00	33.05 -0.43 0.00	38.37 -0.25 0.00	41.18 -0.17 0.00	53.17 -0.63 0.00	59.01 -1.64 0.00	56.59 -1.46 0.00	53.81 -1.48 0.00	47.66 -1.66 0.00	48.43 -1.39 0.00	41.67 -1.51 0.00	36.12 -1.21 0.00	39.70 -1.47 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	41.22 0.02 0.00	34.41 -0.12 0.00	34.57 -0.07 0.00	32.20 -0.21 0.00	32.60 -0.19 0.00	34.24 -0.04 0.00	44.10 -0.19 0.00	49.55 0.22 0.00	42.16 0.66 0.00	39.93 0.56 0.00	30.21 0.17 0.00	30.85 0.21 0.00	33.76 0.27 0.00	39.33 0.71 0.00	42.26 0.91 0.00	55.13 1.33 0.00	62.63 1.98 0.00	60.21 2.16 0.00	57.30 2.01 0.00	51.23 1.91 0.00	51.68 1.86 0.00	44.80 1.61 0.00	38.67 1.35 0.00	42.63 1.46 0.00
LACHUTE____HYDRO 323717	43.45 2.26 0.00	36.57 2.04 0.00	36.80 2.17 0.00	34.49 2.08 0.00	35.10 2.32 0.00	36.61 2.34 0.00	47.43 3.14 0.00	52.82 3.49 0.00	44.86 3.36 0.00	41.62 2.25 0.00	31.27 1.23 0.00	31.86 1.22 0.00	35.23 1.75 0.00	40.28 1.66 0.00	43.03 1.68 0.00	57.12 3.32 0.00	65.59 4.94 0.00	63.26 5.21 0.00	59.97 4.68 0.00	52.84 3.52 0.00	53.10 3.28 0.00	46.43 3.25 0.00	40.46 3.13 0.00	44.87 3.70 0.00
LAWRNCAY_115KV_TB1 80681	41.97 0.77 0.00	35.09 0.56 0.00	35.27 0.63 0.00	32.98 0.57 0.00	33.42 0.64 0.00	35.05 0.78 0.00	45.08 0.80 0.00	50.39 1.06 0.00	42.51 1.01 0.00	40.39 1.02 0.00	30.77 0.73 0.00	31.39 0.75 0.00	34.24 0.76 0.00	39.68 1.06 0.00	42.57 1.22 0.00	55.44 1.64 0.00	63.09 2.44 0.00	60.68 2.63 0.00	57.77 2.47 0.00	51.50 2.18 0.00	51.97 2.15 0.00	44.95 1.77 0.00	38.83 1.51 0.00	42.80 1.63 0.00
LEDERLE____ 23769	43.01 1.82 0.00	35.96 1.43 0.00	35.90 1.27 0.00	33.58 1.16 0.00	33.84 1.06 0.00	35.46 1.18 0.00	45.91 1.62 0.00	51.09 1.76 0.00	42.88 1.39 0.00	40.61 1.24 0.00	31.19 1.15 0.00	31.93 1.29 0.00	34.95 1.47 0.00	40.35 1.73 0.00	43.10 1.75 0.00	55.80 1.99 0.00	62.63 1.98 0.00	59.87 1.82 0.00	56.99 1.70 0.00	50.79 1.47 0.00	51.34 1.52 0.00	44.61 1.43 0.00	38.52 1.19 0.00	42.36 1.20 0.00
LIGHTHSE_115KV_TB6 355974	40.02 -1.17 0.00	33.54 -0.99 0.00	33.58 -1.05 0.00	31.47 -0.95 0.00	31.91 -0.87 0.00	33.34 -0.94 0.00	43.16 -1.13 0.00	48.04 -1.29 0.00	40.45 -1.05 0.00	38.37 -1.00 0.00	29.20 -0.84 0.00	29.76 -0.88 0.00	32.36 -1.13 0.00	37.42 -1.20 0.00	40.18 -1.17 0.00	52.67 -1.13 0.00	59.84 -0.81 0.00	57.60 -0.45 0.00	54.81 -0.48 0.00	48.89 -0.43 0.00	49.39 -0.43 0.00	42.77 -0.41 0.00	36.97 -0.36 0.00	40.78 -0.39 0.00
LINDEN COGEN____ 23786	43.07 1.88 0.00	36.03 1.51 0.00	35.95 1.32 0.00	33.62 1.21 0.00	33.88 1.09 0.00	35.48 1.21 0.00	45.92 1.64 0.00	51.11 1.78 0.00	42.91 1.41 0.00	40.61 1.24 0.00	31.24 1.20 0.00	32.00 1.36 0.00	35.02 1.53 0.00	40.41 1.78 0.00	43.14 1.79 0.00	55.74 1.93 0.00	62.44 1.79 0.00	59.68 1.62 0.00	56.81 1.52 0.00	50.71 1.38 0.00	51.30 1.49 0.00	44.68 1.50 0.00	38.60 1.27 0.00	42.42 1.25 0.00
LINDHRST_69_KV_BK1 356055	43.62 2.43 0.00	36.40 1.88 0.00	36.28 1.65 0.00	33.84 1.42 0.00	33.99 1.20 0.00	36.39 1.22 -0.90	47.35 1.90 -1.16	51.67 2.34 0.00	43.50 2.00 0.00	40.91 1.55 0.00	31.54 1.50 0.00	32.34 1.70 0.00	35.49 2.00 0.00	40.78 2.16 0.00	43.73 2.38 0.00	56.80 2.97 -0.02	67.34 3.15 -3.54	93.80 2.93 -32.82	101.01 2.87 -42.84	56.90 2.57 -5.01	55.41 2.65 -2.95	47.26 2.40 -1.68	39.42 2.09 0.00	43.30 2.13 0.00
LIPA_MISC_IPP 23656	43.19 2.00 0.00	36.05 1.52 0.00	35.90 1.27 0.00	33.53 1.12 0.00	33.63 0.84 0.00	39.70 0.75 -4.67	51.60 1.27 -6.04	51.22 1.89 0.00	43.13 1.63 0.00	40.46 1.09 0.00	31.28 1.24 0.00	32.03 1.39 0.00	35.15 1.66 0.00	40.39 1.77 0.00	43.35 2.00 0.00	56.52 2.59 -0.13	78.50 2.76 -15.09	297.30 2.70 -236.55	256.72 -2.54 -198.88	115.69 2.36 -64.01	83.67 2.35 -31.50	60.41 2.20 -15.03	39.28 1.96 0.00	43.15 1.98 0.00
LISF____SOLAR 323691	43.27 2.08 0.00	36.12 1.58 0.00	35.97 1.33 0.00	33.59 1.18 0.00	33.69 0.90 0.00	39.59 0.80 -4.51	51.46 1.34 -5.83	51.31 1.98 0.00	43.22 1.72 0.00	40.52 1.15 0.00	31.29 1.25 0.00	32.04 1.40 0.00	35.16 1.67 0.00	40.41 1.79 0.00	43.39 2.04 0.00	56.59 2.67 -0.12	78.25 2.88 -14.71	295.46 2.82 -234.59	255.32 2.66 -197.37	115.11 2.46 -63.33	83.32 2.44 -31.06	60.22 2.27 -14.77	39.35 2.02 0.00	43.21 2.04 0.00
LITTLE FALLS____HYD 24013	42.99 1.79 0.00	36.10 1.57 0.00	36.12 1.49 0.00	33.80 1.38 0.00	34.18 1.39 0.00	35.58 1.30 0.00	46.00 1.71 0.00	51.21 1.88 0.00	42.22 0.72 0.00	39.32 -0.04 0.00	30.07 0.02 0.00	30.73 0.09 0.00	33.70 0.21 0.00	38.49 -0.13 0.00	41.48 0.13 0.00	54.95 1.15 0.00	62.93 2.28 0.00	60.49 2.43 0.00	58.30 3.00 0.00	52.03 2.71 0.00	52.55 2.74 0.00	45.55 2.37 0.00	39.48 2.15 0.00	43.55 2.38 0.00

LITTLRIV_115KV_TB1 356100	42.48 1.28 0.00	35.49 0.96 0.00	35.69 1.05 0.00	33.36 0.95 0.00	33.82 1.03 0.00	35.49 1.21 0.00	45.66 1.37 0.00	51.04 1.71 0.00	42.91 1.41 0.00	40.64 1.27 0.00	30.99 0.95 0.00	31.62 0.98 0.00	34.42 0.93 0.00	39.90 1.28 0.00	42.94 1.59 0.00	55.78 1.97 0.00	63.83 3.18 0.00	61.60 3.55 0.00	58.63 3.34 0.00	52.25 2.93 0.00	52.72 2.90 0.00	45.56 2.38 0.00	39.34 2.02 0.00	43.35 2.18 0.00
LI_NEWBRDGE___DRP 323616	43.07 1.88 0.00	35.98 1.45 0.00	35.86 1.23 0.00	33.48 1.07 0.00	33.65 0.87 0.00	35.12 0.84 0.00	45.58 1.30 0.00	50.92 1.59 0.00	42.82 1.33 0.00	40.37 1.00 0.00	31.15 1.11 0.00	31.93 1.29 0.00	35.03 1.54 0.00	40.25 1.63 0.00	43.09 1.74 0.00	55.81 2.00 0.00	63.68 1.96 -1.07	73.58 1.82 -13.70	81.32 1.74 -24.29	50.94 1.61 -0.01	51.43 1.61 0.00	44.74 1.56 0.00	38.73 1.40 0.00	42.57 1.40 0.00
LOCKPORT_115KV_TB60_63_64 80432	37.71 -3.48 0.00	31.74 -2.79 0.00	32.47 -2.16 0.00	30.36 -2.06 0.00	30.99 -1.80 0.00	32.50 -1.78 0.00	41.94 -2.35 0.00	46.58 -2.75 0.00	39.75 -1.75 0.00	38.39 -0.98 0.00	29.62 -0.42 0.00	30.28 -0.35 0.00	32.95 -0.54 0.00	38.38 -0.24 0.00	41.26 -0.09 0.00	53.22 -0.58 0.00	58.88 -1.77 0.00	56.51 -1.54 0.00	53.77 -1.53 0.00	47.58 -1.74 0.00	48.39 -1.43 0.00	41.56 -1.62 0.00	36.05 -1.28 0.00	39.60 -1.57 0.00
LOCKPORT___CC1 323769	37.70 -3.50 0.00	31.73 -2.80 0.00	32.46 -2.17 0.00	30.36 -2.05 0.00	30.97 -1.81 0.00	32.50 -1.78 0.00	41.95 -2.33 0.00	46.59 -2.74 0.00	39.75 -1.75 0.00	38.41 -0.96 0.00	29.65 -0.39 0.00	30.31 -0.33 0.00	32.98 -0.50 0.00	38.40 -0.22 0.00	41.27 -0.08 0.00	53.24 -0.57 0.00	58.88 -1.77 0.00	56.49 -1.56 0.00	53.75 -1.55 0.00	47.55 -1.77 0.00	48.39 -1.43 0.00	41.56 -1.62 0.00	36.04 -1.28 0.00	39.60 -1.57 0.00
LOCKPORT___CC2 323770	37.70 -3.50 0.00	31.73 -2.80 0.00	32.46 -2.17 0.00	30.36 -2.05 0.00	30.97 -1.81 0.00	32.50 -1.78 0.00	41.95 -2.33 0.00	46.59 -2.74 0.00	39.75 -1.75 0.00	38.41 -0.96 0.00	29.65 -0.39 0.00	30.31 -0.33 0.00	32.98 -0.50 0.00	38.40 -0.22 0.00	41.27 -0.08 0.00	53.24 -0.57 0.00	58.88 -1.77 0.00	56.49 -1.56 0.00	53.75 -1.55 0.00	47.55 -1.77 0.00	48.39 -1.43 0.00	41.56 -1.62 0.00	36.04 -1.28 0.00	39.60 -1.57 0.00
LOCKPORT___CC3 323771	37.70 -3.50 0.00	31.73 -2.80 0.00	32.46 -2.17 0.00	30.36 -2.05 0.00	30.97 -1.81 0.00	32.50 -1.78 0.00	41.95 -2.33 0.00	46.59 -2.74 0.00	39.75 -1.75 0.00	38.41 -0.96 0.00	29.65 -0.39 0.00	30.31 -0.33 0.00	32.98 -0.50 0.00	38.40 -0.22 0.00	41.27 -0.08 0.00	53.24 -0.57 0.00	58.88 -1.77 0.00	56.49 -1.56 0.00	53.75 -1.55 0.00	47.55 -1.77 0.00	48.39 -1.43 0.00	41.56 -1.62 0.00	36.04 -1.28 0.00	39.60 -1.57 0.00
LOCUSVLY_69_KV_BK2 55797	43.36 2.17 0.00	36.21 1.69 0.00	36.12 1.48 0.00	33.71 1.30 0.00	33.90 1.11 0.00	34.39 1.12 1.01	44.62 1.64 1.31	51.32 1.99 0.00	43.16 1.66 0.00	40.70 1.33 0.00	31.39 1.35 0.00	32.17 1.53 0.00	35.28 1.80 0.00	40.59 1.97 0.00	43.43 2.08 0.00	56.21 2.44 0.03	62.64 2.42 0.43	80.04 2.31 -19.68	95.33 2.20 -37.83	49.58 2.01 1.75	50.16 2.01 1.67	43.82 1.89 1.25	38.99 1.66 0.00	42.86 1.69 0.00
LONG_LAKE_PHOENIX 24014	40.04 -1.15 0.00	33.60 -0.94 0.00	33.72 -0.91 0.00	31.58 -0.84 0.00	31.96 -0.83 0.00	33.33 -0.95 0.00	43.16 -1.13 0.00	48.09 -1.24 0.00	40.37 -1.13 0.00	38.34 -1.03 0.00	29.19 -0.85 0.00	29.75 -0.89 0.00	32.45 -1.04 0.00	37.38 -1.24 0.00	40.14 -1.21 0.00	52.33 -1.48 0.00	58.94 -1.71 0.00	56.52 -1.53 0.00	53.83 -1.46 0.00	47.96 -1.36 0.00	48.46 -1.36 0.00	41.95 -1.23 0.00	36.29 -1.04 0.00	40.01 -1.17 0.00
LOVETT___3 23632	42.81 1.62 0.00	35.80 1.27 0.00	35.74 1.11 0.00	33.42 1.01 0.00	33.69 0.91 0.00	35.28 1.01 0.00	45.69 1.40 0.00	50.83 1.50 0.00	42.67 1.17 0.00	40.39 1.02 0.00	31.03 0.99 0.00	31.76 1.12 0.00	34.78 1.29 0.00	40.13 1.51 0.00	42.86 1.51 0.00	55.46 1.66 0.00	62.23 1.58 0.00	59.49 1.44 0.00	56.62 1.33 0.00	50.49 1.17 0.00	51.04 1.22 0.00	44.36 1.19 0.00	38.32 1.00 0.00	42.16 0.99 0.00
LOVETT___4 23642	42.81 1.62 0.00	35.80 1.27 0.00	35.74 1.11 0.00	33.42 1.01 0.00	33.69 0.91 0.00	35.28 1.01 0.00	45.69 1.40 0.00	50.83 1.50 0.00	42.67 1.17 0.00	40.39 1.02 0.00	31.03 0.99 0.00	31.76 1.12 0.00	34.78 1.29 0.00	40.13 1.51 0.00	42.86 1.51 0.00	55.46 1.66 0.00	62.23 1.58 0.00	59.49 1.44 0.00	56.62 1.33 0.00	50.49 1.17 0.00	51.04 1.22 0.00	44.36 1.19 0.00	38.32 1.00 0.00	42.16 0.99 0.00
LOVETT___5 23593	42.81 1.62 0.00	35.80 1.27 0.00	35.74 1.11 0.00	33.42 1.01 0.00	33.69 0.91 0.00	35.28 1.01 0.00	45.69 1.40 0.00	50.83 1.50 0.00	42.67 1.17 0.00	40.39 1.02 0.00	31.03 0.99 0.00	31.76 1.12 0.00	34.78 1.29 0.00	40.13 1.51 0.00	42.86 1.51 0.00	55.46 1.66 0.00	62.23 1.58 0.00	59.49 1.44 0.00	56.62 1.33 0.00	50.49 1.17 0.00	51.04 1.22 0.00	44.36 1.19 0.00	38.32 1.00 0.00	42.16 0.99 0.00
LOWER RAQUET___HYD 24057	41.92 0.72 0.00	35.04 0.51 0.00	35.22 0.58 0.00	32.93 0.52 0.00	33.38 0.59 0.00	35.02 0.75 0.00	45.06 0.77 0.00	50.35 1.02 0.00	42.49 0.99 0.00	40.34 0.97 0.00	30.73 0.69 0.00	31.35 0.71 0.00	34.19 0.71 0.00	39.63 1.01 0.00	42.53 1.18 0.00	55.41 1.61 0.00	63.15 2.50 0.00	60.79 2.74 0.00	57.86 2.57 0.00	51.59 2.27 0.00	52.04 2.22 0.00	45.02 1.84 0.00	38.88 1.55 0.00	42.84 1.67 0.00
LOWER___HUDSON 24059	42.21 1.02 0.00	35.42 0.89 0.00	35.41 0.77 0.00	33.15 0.74 0.00	33.55 0.76 0.00	35.10 0.82 0.00	45.32 1.03 0.00	50.30 0.97 0.00	42.22 0.72 0.00	39.85 0.48 0.00	30.31 0.27 0.00	30.87 0.23 0.00	33.86 0.38 0.00	38.94 0.32 0.00	41.59 0.24 0.00	54.21 0.41 0.00	61.35 0.70 0.00	58.62 0.57 0.00	55.72 0.43 0.00	49.72 0.40 0.00	50.13 0.31 0.00	43.62 0.43 0.00	37.65 0.32 0.00	41.75 0.58 0.00
LOWVILLE_115KV_TB2 356335	40.11 -1.08 0.00	33.61 -0.93 0.00	33.63 -1.00 0.00	31.59 -0.82 0.00	32.13 -0.65 0.00	33.84 -0.44 0.00	43.88 -0.41 0.00	48.70 -0.63 0.00	41.13 -0.36 0.00	38.94 -0.43 0.00	29.64 -0.39 0.00	30.25 -0.39 0.00	32.90 -0.58 0.00	38.12 -0.50 0.00	40.89 -0.46 0.00	54.07 0.27 0.00	62.32 1.67 0.00	60.26 2.20 0.00	57.26 1.97 0.00	50.99 1.67 0.00	51.48 1.67 0.00	44.50 1.32 0.00	38.47 1.14 0.00	42.34 1.17 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	42.65 1.46 0.00	35.77 1.24 0.00	35.79 1.16 0.00	33.51 1.09 0.00	33.92 1.13 0.00	35.49 1.21 0.00	45.89 1.61 0.00	50.98 1.66 0.00	42.79 1.29 0.00	40.28 0.91 0.00	30.59 0.55 0.00	31.17 0.53 0.00	34.15 0.67 0.00	39.26 0.64 0.00	42.07 0.71 0.00	55.04 1.24 0.00	62.40 1.75 0.00	59.70 1.65 0.00	56.74 1.44 0.00	50.55 1.23 0.00	51.00 1.19 0.00	44.35 1.17 0.00	38.29 0.96 0.00	42.42 1.25 0.00

LUTHERNY_35_KV_BK2 355980	42.69 1.49 0.00	35.78 1.25 0.00	35.81 1.17 0.00	33.52 1.11 0.00	33.94 1.15 0.00	35.49 1.21 0.00	45.94 1.65 0.00	51.02 1.69 0.00	42.82 1.32 0.00	40.28 0.91 0.00	30.61 0.57 0.00	31.18 0.54 0.00	34.18 0.69 0.00	39.29 0.67 0.00	42.10 0.75 0.00	55.09 1.29 0.00	62.47 1.82 0.00	59.74 1.68 0.00	56.77 1.47 0.00	50.55 1.23 0.00	51.03 1.21 0.00	44.38 1.20 0.00	38.30 0.97 0.00	42.48 1.31 0.00
LWR___OSWEGATCHIE_HYD 23850	40.75 -0.45 0.00	34.09 -0.44 0.00	34.18 -0.45 0.00	32.03 -0.39 0.00	32.51 -0.27 0.00	34.16 -0.12 0.00	44.11 -0.17 0.00	49.14 -0.19 0.00	41.44 -0.06 0.00	39.28 -0.09 0.00	29.89 -0.15 0.00	30.51 -0.13 0.00	33.23 -0.26 0.00	38.52 -0.11 0.00	41.33 -0.02 0.00	54.29 0.49 0.00	62.26 1.61 0.00	60.10 2.05 0.00	57.17 1.87 0.00	50.93 1.61 0.00	51.40 1.59 0.00	44.44 1.26 0.00	38.40 1.08 0.00	42.31 1.14 0.00
LYONS_FALL_HYD 23570	40.72 -0.47 0.00	34.13 -0.40 0.00	34.17 -0.46 0.00	32.06 -0.35 0.00	32.55 -0.24 0.00	34.19 -0.08 0.00	44.32 0.03 0.00	49.25 -0.07 0.00	41.52 0.03 0.00	39.35 -0.02 0.00	29.96 -0.08 0.00	30.55 -0.09 0.00	33.26 -0.23 0.00	38.41 -0.21 0.00	41.17 -0.18 0.00	54.25 0.45 0.00	62.12 1.47 0.00	59.86 1.81 0.00	56.92 1.63 0.00	50.68 1.36 0.00	51.17 1.36 0.00	44.27 1.09 0.00	38.25 0.92 0.00	42.11 0.94 0.00
MADISON___COUNTY_LFGE 323628	41.67 0.48 0.00	34.96 0.43 0.00	35.11 0.47 0.00	32.87 0.45 0.00	33.28 0.50 0.00	34.86 0.59 0.00	45.20 0.92 0.00	50.33 1.01 0.00	42.35 0.85 0.00	40.16 0.79 0.00	30.61 0.57 0.00	31.14 0.50 0.00	33.88 0.39 0.00	38.90 0.28 0.00	41.67 0.32 0.00	54.65 0.85 0.00	62.17 1.52 0.00	59.63 1.58 0.00	56.68 1.38 0.00	50.42 1.10 0.00	50.92 1.11 0.00	44.05 0.87 0.00	38.06 0.73 0.00	41.89 0.72 0.00
MALONE___115KV_TB1 356076	41.42 0.23 0.00	34.59 0.06 0.00	34.76 0.13 0.00	32.40 -0.02 0.00	32.82 0.03 0.00	34.48 0.20 0.00	44.42 0.13 0.00	49.87 0.54 0.00	42.37 0.88 0.00	40.28 0.92 0.00	30.54 0.51 0.00	31.16 0.52 0.00	34.06 0.57 0.00	39.58 0.96 0.00	42.51 1.16 0.00	55.41 1.61 0.00	63.01 2.36 0.00	60.65 2.59 0.00	57.75 2.46 0.00	51.56 2.24 0.00	52.01 2.19 0.00	45.02 1.84 0.00	38.86 1.54 0.00	42.80 1.63 0.00
MAPLEWOD_115KV_TB3 80458	42.09 0.89 0.00	35.34 0.81 0.00	35.32 0.69 0.00	33.07 0.66 0.00	33.45 0.66 0.00	34.98 0.70 0.00	45.13 0.84 0.00	50.12 0.79 0.00	42.09 0.60 0.00	39.79 0.42 0.00	30.31 0.27 0.00	30.89 0.25 0.00	33.83 0.34 0.00	38.93 0.30 0.00	41.61 0.25 0.00	54.16 0.36 0.00	61.24 0.59 0.00	58.51 0.46 0.00	55.63 0.34 0.00	49.68 0.36 0.00	50.09 0.27 0.00	43.57 0.39 0.00	37.62 0.30 0.00	41.59 0.42 0.00
MAPLE_RIDGE_WT_1 323574	40.16 -1.04 0.00	33.62 -0.91 0.00	33.70 -0.93 0.00	31.67 -0.75 0.00	32.08 -0.71 0.00	33.67 -0.60 0.00	43.63 -0.66 0.00	48.57 -0.77 0.00	41.09 -0.41 0.00	39.17 -0.20 0.00	29.91 -0.13 0.00	30.49 -0.15 0.00	33.29 -0.20 0.00	38.49 -0.13 0.00	41.24 -0.11 0.00	53.80 0.00 0.00	60.87 0.22 0.00	58.34 0.29 0.00	55.57 0.28 0.00	49.57 0.25 0.00	50.07 0.25 0.00	43.40 0.22 0.00	37.51 0.18 0.00	41.37 0.20 0.00
MAPLE_RIDGE_WT_2 323611	40.16 -1.04 0.00	33.62 -0.91 0.00	33.70 -0.93 0.00	31.67 -0.75 0.00	32.08 -0.71 0.00	33.67 -0.60 0.00	43.63 -0.66 0.00	48.57 -0.77 0.00	41.09 -0.41 0.00	39.17 -0.20 0.00	29.91 -0.13 0.00	30.49 -0.15 0.00	33.29 -0.20 0.00	38.49 -0.13 0.00	41.24 -0.11 0.00	53.80 0.00 0.00	60.87 0.22 0.00	58.34 0.29 0.00	55.57 0.28 0.00	49.57 0.25 0.00	50.07 0.25 0.00	43.40 0.22 0.00	37.51 0.18 0.00	41.37 0.20 0.00
MARBLE_RIVER_WT_PWR 323696	40.79 -0.40 0.00	34.07 -0.46 0.00	34.23 -0.40 0.00	31.90 -0.51 0.00	32.30 -0.48 0.00	33.92 -0.36 0.00	43.68 -0.60 0.00	49.06 -0.27 0.00	41.73 0.23 0.00	39.63 0.26 0.00	30.02 -0.01 0.00	30.65 0.01 0.00	33.54 0.06 0.00	38.99 0.37 0.00	41.91 0.55 0.00	54.60 0.80 0.00	61.91 1.26 0.00	59.44 1.39 0.00	56.58 1.29 0.00	50.61 1.29 0.00	51.06 1.25 0.00	44.28 1.10 0.00	38.26 0.93 0.00	42.18 1.01 0.00
MARSHVLE_115KV_TB1 80742	41.35 0.16 0.00	34.66 0.13 0.00	34.81 0.18 0.00	32.57 0.16 0.00	32.94 0.16 0.00	34.39 0.11 0.00	44.42 0.13 0.00	49.58 0.25 0.00	41.57 0.07 0.00	39.28 -0.08 0.00	30.02 -0.02 0.00	30.69 0.05 0.00	33.52 0.04 0.00	38.52 -0.10 0.00	41.26 -0.09 0.00	54.15 0.35 0.00	61.48 0.83 0.00	59.09 1.04 0.00	55.80 0.50 0.00	49.66 0.34 0.00	50.17 0.35 0.00	43.40 0.22 0.00	37.58 0.25 0.00	41.40 0.22 0.00
MARSH_HILL_WT_PWR 323713	37.22 -3.97 0.00	31.11 -3.42 0.00	31.63 -3.01 0.00	29.44 -2.97 0.00	29.94 -2.84 0.00	32.00 -2.27 0.00	41.74 -2.55 0.00	47.11 -2.22 0.00	40.50 -1.00 0.00	39.22 -0.15 0.00	30.09 0.05 0.00	30.78 0.14 0.00	33.53 0.04 0.00	39.03 0.41 0.00	42.15 0.80 0.00	54.61 0.81 0.00	60.44 -0.21 0.00	58.03 -0.03 0.00	55.37 0.08 0.00	48.84 -0.48 0.00	49.80 -0.02 0.00	42.53 -0.65 0.00	36.94 -0.38 0.00	40.44 -0.73 0.00
MCINTYRE_115KV_TB2 80467	42.78 1.59 0.00	35.74 1.21 0.00	35.95 1.32 0.00	33.61 1.20 0.00	34.06 1.28 0.00	35.76 1.48 0.00	45.97 1.68 0.00	51.39 2.06 0.00	43.07 1.57 0.00	40.80 1.43 0.00	31.12 1.08 0.00	31.77 1.13 0.00	34.57 1.08 0.00	40.07 1.45 0.00	43.12 1.77 0.00	55.96 2.16 0.00	64.09 3.44 0.00	61.90 3.85 0.00	58.93 3.64 0.00	52.50 3.18 0.00	52.97 3.15 0.00	45.78 2.60 0.00	39.51 2.19 0.00	43.54 2.36 0.00
MECO_____69_KV_BK1 80468	42.43 1.24 0.00	35.55 1.02 0.00	35.65 1.02 0.00	33.36 0.95 0.00	33.73 0.95 0.00	35.26 0.98 0.00	45.65 1.37 0.00	50.92 1.59 0.00	42.28 0.79 0.00	39.48 0.11 0.00	30.02 -0.02 0.00	30.68 0.04 0.00	33.52 0.04 0.00	38.36 -0.26 0.00	41.14 -0.21 0.00	54.45 0.64 0.00	62.78 2.13 0.00	60.55 2.49 0.00	57.36 2.07 0.00	51.04 1.72 0.00	51.53 1.72 0.00	44.59 1.41 0.00	38.50 1.17 0.00	42.37 1.21 0.00
MENANDS___115KV_TB5 355628	41.93 0.74 0.00	35.22 0.68 0.00	35.21 0.57 0.00	32.96 0.55 0.00	33.33 0.54 0.00	34.86 0.58 0.00	44.95 0.67 0.00	49.88 0.55 0.00	41.92 0.42 0.00	39.64 0.27 0.00	30.24 0.20 0.00	30.83 0.18 0.00	33.76 0.27 0.00	38.83 0.21 0.00	41.47 0.12 0.00	53.92 0.12 0.00	60.91 0.26 0.00	58.15 0.10 0.00	55.30 0.01 0.00	49.40 0.08 0.00	49.81 -0.01 0.00	43.35 0.17 0.00	37.44 0.12 0.00	41.39 0.22 0.00
MG INDUSTRY___DRP 24185	41.91 0.71 0.00	35.18 0.65 0.00	35.20 0.57 0.00	32.95 0.54 0.00	33.31 0.53 0.00	34.84 0.56 0.00	44.96 0.68 0.00	49.95 0.62 0.00	41.97 0.48 0.00	39.67 0.30 0.00	30.24 0.20 0.00	30.86 0.22 0.00	33.75 0.27 0.00	38.85 0.23 0.00	41.52 0.17 0.00	54.02 0.21 0.00	61.03 0.37 0.00	58.30 0.25 0.00	55.50 0.21 0.00	49.56 0.23 0.00	50.02 0.20 0.00	43.49 0.31 0.00	37.56 0.24 0.00	41.47 0.30 0.00

MID___OSWEGATCHIE_HYD 23849	40.75 -0.45 0.00	34.09 -0.44 0.00	34.18 -0.45 0.00	32.03 -0.39 0.00	32.51 -0.27 0.00	34.16 -0.12 0.00	44.11 -0.17 0.00	49.14 -0.19 0.00	41.44 -0.06 0.00	39.28 -0.09 0.00	29.89 -0.15 0.00	30.51 -0.13 0.00	33.23 -0.26 0.00	38.52 -0.11 0.00	41.33 -0.02 0.00	54.29 0.49 0.00	62.26 1.61 0.00	60.10 2.05 0.00	57.17 1.87 0.00	50.93 1.61 0.00	51.40 1.59 0.00	44.44 1.26 0.00	38.40 1.08 0.00	42.31 1.14 0.00
MID___RAQUETTE_HYD 23851	41.92 0.72 0.00	35.04 0.51 0.00	35.22 0.58 0.00	32.93 0.51 0.00	33.38 0.59 0.00	35.02 0.74 0.00	45.06 0.78 0.00	50.35 1.02 0.00	42.49 0.99 0.00	40.34 0.97 0.00	30.73 0.69 0.00	31.35 0.71 0.00	34.20 0.71 0.00	39.63 1.01 0.00	42.53 1.18 0.00	55.41 1.61 0.00	63.15 2.50 0.00	60.79 2.73 0.00	57.86 2.57 0.00	51.59 2.27 0.00	52.04 2.22 0.00	45.02 1.84 0.00	38.88 1.55 0.00	42.84 1.67 0.00
MILLIKEN___1 23584	41.16 -0.03 0.00	34.53 0.00 0.00	34.71 0.08 0.00	32.49 0.08 0.00	32.86 0.07 0.00	34.30 0.02 0.00	44.53 0.24 0.00	49.68 0.35 0.00	42.04 0.54 0.00	40.03 0.66 0.00	30.40 0.36 0.00	30.94 0.30 0.00	33.71 0.22 0.00	39.00 0.38 0.00	42.01 0.66 0.00	54.94 1.14 0.00	61.96 1.31 0.00	59.51 1.46 0.00	56.23 0.94 0.00	49.88 0.56 0.00	50.44 0.62 0.00	43.56 0.38 0.00	37.67 0.35 0.00	41.40 0.23 0.00
MILLIKEN___2 23585	41.16 -0.03 0.00	34.53 0.00 0.00	34.71 0.08 0.00	32.49 0.08 0.00	32.86 0.07 0.00	34.30 0.02 0.00	44.53 0.24 0.00	49.68 0.35 0.00	42.04 0.54 0.00	40.03 0.66 0.00	30.40 0.36 0.00	30.94 0.30 0.00	33.71 0.22 0.00	39.00 0.38 0.00	42.01 0.66 0.00	54.94 1.14 0.00	61.96 1.31 0.00	59.51 1.46 0.00	56.23 0.94 0.00	49.88 0.56 0.00	50.44 0.62 0.00	43.56 0.38 0.00	37.67 0.35 0.00	41.40 0.23 0.00
MILLIKEN___DIESEL 23629	41.16 -0.03 0.00	34.53 0.00 0.00	34.71 0.08 0.00	32.49 0.08 0.00	32.86 0.07 0.00	34.30 0.02 0.00	44.53 0.24 0.00	49.68 0.35 0.00	42.04 0.54 0.00	40.03 0.66 0.00	30.40 0.36 0.00	30.94 0.30 0.00	33.71 0.22 0.00	39.00 0.38 0.00	42.01 0.66 0.00	54.94 1.14 0.00	61.96 1.31 0.00	59.51 1.46 0.00	56.23 0.94 0.00	49.88 0.56 0.00	50.44 0.62 0.00	43.56 0.38 0.00	37.67 0.35 0.00	41.40 0.23 0.00
MILLSEAT___LFGE 323607	38.61 -2.58 0.00	32.46 -2.07 0.00	33.14 -1.49 0.00	30.98 -1.43 0.00	31.60 -1.19 0.00	33.14 -1.14 0.00	42.82 -1.47 0.00	47.62 -1.71 0.00	40.53 -0.97 0.00	39.05 -0.32 0.00	29.97 -0.07 0.00	30.69 0.05 0.00	33.32 -0.17 0.00	38.93 0.31 0.00	41.95 0.60 0.00	54.27 0.47 0.00	60.21 -0.44 0.00	57.83 -0.22 0.00	54.98 -0.32 0.00	48.63 -0.69 0.00	49.42 -0.40 0.00	42.40 -0.78 0.00	36.74 -0.58 0.00	40.33 -0.84 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.86 1.67 0.00	35.85 1.32 0.00	35.79 1.16 0.00	33.47 1.06 0.00	33.74 0.95 0.00	35.32 1.04 0.00	45.73 1.45 0.00	50.92 1.59 0.00	42.74 1.24 0.00	40.44 1.07 0.00	31.08 1.04 0.00	31.81 1.17 0.00	34.82 1.34 0.00	40.18 1.56 0.00	42.92 1.57 0.00	55.54 1.74 0.00	62.31 1.66 0.00	59.58 1.52 0.00	56.71 1.42 0.00	50.58 1.26 0.00	51.13 1.32 0.00	44.45 1.27 0.00	38.38 1.06 0.00	42.24 1.07 0.00
MILLWOOD_13_KV_LOAD 356217	42.95 1.76 0.00	35.93 1.40 0.00	35.86 1.23 0.00	33.54 1.12 0.00	33.80 1.02 0.00	35.40 1.12 0.00	45.83 1.54 0.00	51.02 1.69 0.00	42.84 1.34 0.00	40.52 1.15 0.00	31.14 1.10 0.00	31.87 1.23 0.00	34.89 1.40 0.00	40.26 1.64 0.00	43.00 1.65 0.00	55.66 1.86 0.00	62.46 1.81 0.00	59.74 1.69 0.00	56.86 1.57 0.00	50.71 1.39 0.00	51.26 1.44 0.00	44.55 1.37 0.00	38.47 1.15 0.00	42.32 1.15 0.00
MODEL_CITY_ENERGY 24167	37.36 -3.84 0.00	31.45 -3.08 0.00	32.20 -2.44 0.00	30.09 -2.33 0.00	30.71 -2.08 0.00	32.20 -2.07 0.00	41.56 -2.73 0.00	46.13 -3.20 0.00	39.37 -2.13 0.00	38.04 -1.32 0.00	29.38 -0.66 0.00	30.04 -0.60 0.00	32.70 -0.79 0.00	38.06 -0.57 0.00	40.89 -0.46 0.00	52.72 -1.09 0.00	58.29 -2.36 0.00	55.91 -2.14 0.00	53.21 -2.08 0.00	47.10 -2.22 0.00	47.92 -1.89 0.00	41.16 -2.02 0.00	35.70 -1.62 0.00	39.23 -1.94 0.00
MODERN_LFGE___ 323580	37.36 -3.84 0.00	31.45 -3.08 0.00	32.20 -2.44 0.00	30.09 -2.33 0.00	30.71 -2.08 0.00	32.20 -2.07 0.00	41.56 -2.73 0.00	46.13 -3.20 0.00	39.37 -2.13 0.00	38.04 -1.32 0.00	29.38 -0.66 0.00	30.04 -0.60 0.00	32.70 -0.79 0.00	38.06 -0.57 0.00	40.89 -0.46 0.00	52.72 -1.09 0.00	58.29 -2.36 0.00	55.91 -2.14 0.00	53.21 -2.08 0.00	47.10 -2.22 0.00	47.92 -1.89 0.00	41.16 -2.02 0.00	35.70 -1.62 0.00	39.23 -1.94 0.00
MOHAWK_PAPER___DRP 24187	42.09 0.89 0.00	35.34 0.81 0.00	35.32 0.69 0.00	33.07 0.66 0.00	33.45 0.66 0.00	34.98 0.70 0.00	45.13 0.84 0.00	50.12 0.79 0.00	42.09 0.60 0.00	39.79 0.42 0.00	30.31 0.27 0.00	30.89 0.25 0.00	33.83 0.34 0.00	38.93 0.30 0.00	41.61 0.25 0.00	54.16 0.36 0.00	61.24 0.59 0.00	58.51 0.46 0.00	55.63 0.34 0.00	49.68 0.36 0.00	50.09 0.27 0.00	43.57 0.39 0.00	37.62 0.30 0.00	41.59 0.42 0.00
MOHICAN___35_KV_115KV_LD 80490	42.66 1.47 0.00	35.81 1.28 0.00	35.87 1.23 0.00	33.60 1.18 0.00	34.05 1.27 0.00	35.62 1.34 0.00	46.09 1.80 0.00	51.23 1.90 0.00	43.09 1.60 0.00	40.38 1.01 0.00	30.58 0.54 0.00	31.16 0.52 0.00	34.15 0.66 0.00	39.18 0.56 0.00	41.98 0.63 0.00	55.18 1.37 0.00	62.75 2.09 0.00	60.16 2.11 0.00	57.13 1.83 0.00	50.78 1.45 0.00	51.20 1.38 0.00	44.62 1.44 0.00	38.56 1.24 0.00	42.78 1.61 0.00
MONGAUP___HYD 23641	42.97 1.78 0.00	35.93 1.40 0.00	35.89 1.26 0.00	33.56 1.15 0.00	33.87 1.08 0.00	35.47 1.19 0.00	45.96 1.67 0.00	51.19 1.86 0.00	42.76 1.27 0.00	40.15 0.78 0.00	30.75 0.70 0.00	31.41 0.77 0.00	34.36 0.87 0.00	39.67 1.05 0.00	42.41 1.06 0.00	55.48 1.68 0.00	62.72 2.07 0.00	60.15 2.10 0.00	57.31 2.02 0.00	51.08 1.75 0.00	51.61 1.80 0.00	44.78 1.60 0.00	38.64 1.32 0.00	42.49 1.32 0.00
MONTAUK___DIESEL 23721	41.97 0.77 0.00	34.96 0.43 0.00	34.78 0.15 0.00	32.48 0.06 0.00	32.55 -0.23 0.00	38.53 -0.35 -4.60	50.43 0.19 -5.95	50.97 1.64 0.00	42.90 1.41 0.00	39.59 0.22 0.00	31.35 1.31 0.00	32.26 1.62 0.00	35.56 2.08 0.00	41.36 2.74 0.00	44.20 2.85 0.00	58.03 4.10 -0.13	79.99 4.42 -14.93	298.38 4.34 -235.99	257.69 3.94 -198.45	116.96 3.84 -63.79	85.16 4.00 -31.34	61.69 3.58 -14.93	40.31 2.99 0.00	44.23 3.06 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	37.52 -3.67 0.00	31.73 -2.80 0.00	32.52 -2.11 0.00	30.59 -1.83 0.00	31.46 -1.33 0.00	33.30 -0.97 0.00	43.08 -1.20 0.00	48.07 -1.26 0.00	41.02 -0.47 0.00	39.70 0.33 0.00	30.66 0.62 0.00	31.36 0.72 0.00	34.16 0.67 0.00	39.64 1.02 0.00	42.53 1.18 0.00	55.00 1.20 0.00	60.81 0.16 0.00	58.50 0.45 0.00	55.70 0.40 0.00	49.06 -0.26 0.00	50.02 0.21 0.00	42.65 -0.53 0.00	37.00 -0.33 0.00	40.56 -0.61 0.00

MORRIS_RIDGE___SOLAR 323848	37.41 -3.78 0.00	31.42 -3.11 0.00	31.90 -2.73 0.00	29.86 -2.56 0.00	30.49 -2.30 0.00	32.33 -1.95 0.00	41.94 -2.34 0.00	46.90 -2.43 0.00	40.02 -1.48 0.00	38.65 -0.72 0.00	29.61 -0.43 0.00	30.33 -0.31 0.00	33.06 -0.43 0.00	38.47 -0.15 0.00	41.45 0.10 0.00	53.68 -0.13 0.00	59.41 -1.24 0.00	57.07 -0.99 0.00	54.38 -0.91 0.00	47.99 -1.33 0.00	48.94 -0.88 0.00	41.86 -1.32 0.00	36.37 -0.96 0.00	39.88 -1.30 0.00
MORTIMER_115KV_TB3 55949	39.38 -1.82 0.00	33.06 -1.47 0.00	33.54 -1.09 0.00	31.37 -1.05 0.00	31.87 -0.91 0.00	33.36 -0.91 0.00	43.16 -1.12 0.00	48.06 -1.28 0.00	40.76 -0.74 0.00	39.09 -0.28 0.00	30.00 -0.04 0.00	30.60 -0.04 0.00	33.35 -0.13 0.00	38.69 0.07 0.00	41.60 0.25 0.00	53.90 0.10 0.00	60.18 -0.47 0.00	57.74 -0.32 0.00	54.86 -0.43 0.00	48.64 -0.69 0.00	49.29 -0.53 0.00	42.46 -0.72 0.00	36.72 -0.60 0.00	40.37 -0.80 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.16 1.97 0.00	36.10 1.57 0.00	36.02 1.39 0.00	33.69 1.28 0.00	33.94 1.16 0.00	35.54 1.27 0.00	46.02 1.73 0.00	51.25 1.92 0.00	43.03 1.53 0.00	40.71 1.34 0.00	31.31 1.27 0.00	32.06 1.43 0.00	35.09 1.60 0.00	40.48 1.86 0.00	43.24 1.89 0.00	55.92 2.12 0.00	62.69 2.04 0.00	59.95 1.89 0.00	57.07 1.77 0.00	50.95 1.63 0.00	51.51 1.69 0.00	44.84 1.66 0.00	38.72 1.40 0.00	42.57 1.40 0.00
MUNSVILLE_WIND_PWR 323609	41.47 0.28 0.00	35.18 0.65 0.00	35.69 1.06 0.00	33.49 1.08 0.00	33.80 1.02 0.00	34.89 0.62 0.00	45.19 0.91 0.00	51.05 1.72 0.00	42.50 1.00 0.00	40.69 1.32 0.00	30.99 0.95 0.00	31.62 0.98 0.00	34.61 1.12 0.00	40.12 1.50 0.00	43.62 2.27 0.00	57.84 4.04 0.00	65.90 5.25 0.00	63.33 5.28 0.00	60.15 4.86 0.00	53.43 4.10 0.00	54.00 4.18 0.00	46.56 3.38 0.00	40.16 2.84 0.00	44.02 2.85 0.00
N SALMON___HYD 24042	41.42 0.23 0.00	34.59 0.06 0.00	34.76 0.13 0.00	32.40 -0.02 0.00	32.82 0.03 0.00	34.48 0.20 0.00	44.42 0.13 0.00	49.87 0.54 0.00	42.37 0.88 0.00	40.28 0.92 0.00	30.55 0.51 0.00	31.16 0.52 0.00	34.05 0.57 0.00	39.58 0.96 0.00	42.51 1.16 0.00	55.41 1.61 0.00	63.01 2.36 0.00	60.65 2.60 0.00	57.75 2.46 0.00	51.56 2.24 0.00	52.00 2.19 0.00	45.02 1.84 0.00	38.86 1.54 0.00	42.80 1.63 0.00
N.AKRON__115KV_KNAPP 355671	38.36 -2.84 0.00	32.26 -2.27 0.00	32.96 -1.67 0.00	30.82 -1.60 0.00	31.43 -1.35 0.00	32.97 -1.31 0.00	42.58 -1.71 0.00	47.34 -1.99 0.00	40.33 -1.17 0.00	38.88 -0.49 0.00	29.92 -0.13 0.00	30.59 -0.05 0.00	33.24 -0.25 0.00	38.79 0.17 0.00	41.77 0.41 0.00	54.00 0.19 0.00	59.85 -0.80 0.00	57.46 -0.59 0.00	54.64 -0.65 0.00	48.35 -0.97 0.00	49.13 -0.69 0.00	42.18 -1.01 0.00	36.56 -0.77 0.00	40.13 -1.04 0.00
N.E_GEN_SANDY PD 24062	42.67 1.15 -0.33	35.94 1.01 -0.40	35.49 0.86 0.00	33.23 0.82 0.00	34.66 0.87 -1.01	37.23 0.93 -2.02	44.96 1.11 0.44	50.29 0.96 0.00	42.22 0.72 0.00	39.87 0.50 0.00	30.42 0.26 -0.12	30.85 0.22 0.00	33.94 0.45 0.00	38.99 0.37 0.00	41.51 0.16 0.00	53.89 0.09 0.00	61.02 0.37 0.00	58.17 0.12 0.00	55.29 0.00 0.00	48.97 0.04 0.39	49.73 -0.09 0.00	43.37 0.18 0.00	37.43 0.10 0.00	41.60 0.43 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.86 1.67 0.00	35.84 1.31 0.00	35.78 1.15 0.00	33.47 1.05 0.00	33.73 0.94 0.00	35.32 1.05 0.00	45.74 1.46 0.00	50.90 1.57 0.00	42.72 1.23 0.00	40.44 1.07 0.00	31.07 1.03 0.00	31.80 1.16 0.00	34.82 1.33 0.00	40.18 1.56 0.00	42.93 1.57 0.00	55.55 1.75 0.00	62.34 1.69 0.00	59.58 1.53 0.00	56.72 1.43 0.00	50.57 1.25 0.00	51.12 1.31 0.00	44.43 1.25 0.00	38.37 1.04 0.00	42.21 1.04 0.00
N.QUEENS_27_KV_LOAD 356247	43.14 1.95 0.00	36.19 1.66 0.00	36.06 1.42 0.00	33.76 1.34 0.00	33.99 1.20 0.00	35.62 1.34 0.00	46.04 1.76 0.00	51.30 1.97 0.00	43.12 1.63 0.00	40.74 1.37 0.00	31.35 1.32 0.00	32.12 1.48 0.00	35.10 1.62 0.00	40.52 1.90 0.00	43.27 1.92 0.00	55.87 2.06 0.00	62.60 1.95 0.00	59.93 1.88 0.00	57.06 1.77 0.00	50.96 1.64 0.00	51.53 1.71 0.00	44.83 1.65 0.00	38.65 1.32 0.00	42.46 1.30 0.00
N.TROY___115KV_TB1 355778	42.22 1.03 0.00	35.42 0.89 0.00	35.41 0.77 0.00	33.15 0.74 0.00	33.55 0.76 0.00	35.10 0.82 0.00	45.31 1.03 0.00	50.30 0.97 0.00	42.22 0.72 0.00	39.85 0.48 0.00	30.31 0.27 0.00	30.87 0.23 0.00	33.86 0.37 0.00	38.94 0.32 0.00	41.59 0.24 0.00	54.21 0.40 0.00	61.35 0.70 0.00	58.62 0.57 0.00	55.72 0.43 0.00	49.72 0.40 0.00	50.13 0.31 0.00	43.62 0.43 0.00	37.65 0.33 0.00	41.75 0.58 0.00
NARROWS_GT1_1 24228	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
NARROWS_GT1_2 24229	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
NARROWS_GT1_3 24230	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
NARROWS_GT1_4 24231	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
NARROWS_GT1_5 24232	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00

NARROWS_GT1_6 24233	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
NARROWS_GT1_7 24234	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
NARROWS_GT1_8 24235	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
NARROWS_GT2_1 24236	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
NARROWS_GT2_2 24237	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
NARROWS_GT2_3 24238	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
NARROWS_GT2_4 24239	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
NARROWS_GT2_5 24240	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
NARROWS_GT2_6 24241	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
NARROWS_GT2_7 24242	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
NARROWS_GT2_8 24243	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	42.37 1.17 0.00	35.57 1.04 0.00	35.56 0.93 0.00	33.30 0.88 0.00	33.68 0.90 0.00	35.25 0.97 0.00	45.48 1.20 0.00	50.61 1.28 0.00	42.51 1.01 0.00	39.99 0.62 0.00	30.36 0.32 0.00	31.02 0.38 0.00	33.84 0.35 0.00	38.89 0.27 0.00	41.60 0.25 0.00	54.29 0.48 0.00	61.88 1.23 0.00	59.36 1.31 0.00	56.51 1.22 0.00	50.39 1.07 0.00	50.77 0.96 0.00	44.09 0.91 0.00	38.04 0.72 0.00	41.95 0.78 0.00
NCHELSEA_115KV_TR2 355582	43.07 1.88 0.00	36.02 1.49 0.00	35.97 1.34 0.00	33.64 1.23 0.00	33.93 1.14 0.00	35.53 1.26 0.00	46.03 1.74 0.00	51.25 1.91 0.00	43.00 1.50 0.00	40.65 1.28 0.00	31.20 1.16 0.00	31.90 1.27 0.00	34.91 1.42 0.00	40.30 1.68 0.00	43.11 1.76 0.00	55.93 2.13 0.00	62.84 2.18 0.00	60.11 2.06 0.00	57.22 1.92 0.00	51.03 1.71 0.00	51.55 1.74 0.00	44.78 1.60 0.00	38.65 1.32 0.00	42.51 1.34 0.00
NEG CAPITAL___MECHNVIL 23645	42.72 1.53 0.00	35.83 1.31 0.00	35.84 1.21 0.00	33.55 1.14 0.00	33.97 1.18 0.00	35.54 1.26 0.00	45.95 1.66 0.00	51.05 1.72 0.00	42.86 1.36 0.00	40.36 0.99 0.00	30.65 0.61 0.00	31.23 0.59 0.00	34.22 0.73 0.00	39.35 0.72 0.00	42.14 0.79 0.00	55.13 1.33 0.00	62.48 1.83 0.00	59.79 1.74 0.00	56.81 1.52 0.00	50.62 1.30 0.00	51.07 1.25 0.00	44.41 1.22 0.00	38.31 0.98 0.00	42.45 1.28 0.00
NEG CENTRAL_HIGH_ACRES 23767	38.80 -2.40 0.00	32.58 -1.95 0.00	32.97 -1.67 0.00	30.84 -1.57 0.00	31.31 -1.48 0.00	32.76 -1.51 0.00	42.43 -1.85 0.00	47.27 -2.06 0.00	40.09 -1.41 0.00	38.36 -1.01 0.00	29.36 -0.67 0.00	29.91 -0.73 0.00	32.62 -0.87 0.00	37.76 -0.86 0.00	40.66 -0.70 0.00	52.79 -1.01 0.00	59.10 -1.56 0.00	56.70 -1.36 0.00	53.76 -1.54 0.00	47.67 -1.65 0.00	48.27 -1.55 0.00	41.61 -1.57 0.00	35.96 -1.36 0.00	39.54 -1.63 0.00



NEG CENTRAL___DRP 24199	40.34 -0.85 0.00	33.86 -0.67 0.00	34.09 -0.54 0.00	31.92 -0.49 0.00	32.31 -0.47 0.00	33.76 -0.52 0.00	43.80 -0.48 0.00	48.85 -0.48 0.00	41.72 0.22 0.00	39.70 0.33 0.00	30.27 0.22 0.00	30.81 0.17 0.00	33.54 0.05 0.00	38.77 0.14 0.00	41.77 0.42 0.00	54.44 0.64 0.00	61.28 0.63 0.00	58.92 0.86 0.00	55.32 0.03 0.00	48.96 -0.37 0.00	49.50 -0.31 0.00	42.74 -0.44 0.00	36.95 -0.37 0.00	40.63 -0.54 0.00
NEG CENTRAL___INDECK 23768	39.64 -1.55 0.00	33.23 -1.30 0.00	33.72 -0.91 0.00	31.52 -0.89 0.00	32.08 -0.70 0.00	33.84 -0.43 0.00	43.97 -0.31 0.00	49.17 -0.16 0.00	41.84 0.34 0.00	40.36 1.00 0.00	30.84 0.80 0.00	31.45 0.82 0.00	34.34 0.86 0.00	40.06 1.44 0.00	43.14 1.79 0.00	55.93 2.12 0.00	62.36 1.71 0.00	59.89 1.84 0.00	57.03 1.74 0.00	50.43 1.11 0.00	51.21 1.39 0.00	43.86 0.68 0.00	37.96 0.63 0.00	41.57 0.40 0.00
NEG CENTRAL___SENECA 23627	40.10 -1.09 0.00	33.66 -0.87 0.00	33.95 -0.68 0.00	31.78 -0.64 0.00	32.20 -0.58 0.00	33.68 -0.60 0.00	43.67 -0.62 0.00	48.69 -0.64 0.00	41.46 -0.04 0.00	39.48 0.12 0.00	30.15 0.11 0.00	30.67 0.03 0.00	33.40 -0.09 0.00	38.64 0.02 0.00	41.69 0.34 0.00	54.28 0.48 0.00	60.98 0.33 0.00	58.61 0.56 0.00	55.28 -0.02 0.00	48.96 -0.37 0.00	49.51 -0.30 0.00	42.71 -0.47 0.00	36.92 -0.41 0.00	40.59 -0.58 0.00
NEG CENTRAL___STATE_STREET 24147	40.82 -0.38 0.00	34.24 -0.29 0.00	34.42 -0.21 0.00	32.24 -0.17 0.00	32.54 -0.25 0.00	33.96 -0.31 0.00	44.16 -0.13 0.00	49.21 -0.12 0.00	42.11 0.62 0.00	40.06 0.70 0.00	30.49 0.45 0.00	31.05 0.41 0.00	33.82 0.33 0.00	39.04 0.42 0.00	41.87 0.51 0.00	54.69 0.89 0.00	61.75 1.10 0.00	59.41 1.36 0.00	55.65 0.36 0.00	49.23 -0.09 0.00	49.75 -0.06 0.00	42.99 -0.19 0.00	37.19 -0.14 0.00	40.83 -0.34 0.00
NEG MILLWOOD___DRP 24198	43.16 1.96 0.00	36.09 1.56 0.00	36.03 1.40 0.00	33.70 1.28 0.00	33.97 1.19 0.00	35.58 1.31 0.00	46.08 1.80 0.00	51.34 2.01 0.00	43.10 1.60 0.00	40.75 1.38 0.00	31.29 1.25 0.00	32.01 1.38 0.00	35.04 1.55 0.00	40.42 1.80 0.00	43.22 1.87 0.00	56.03 2.23 0.00	62.92 2.27 0.00	60.22 2.17 0.00	57.32 2.03 0.00	51.13 1.81 0.00	51.66 1.85 0.00	44.87 1.69 0.00	38.72 1.40 0.00	42.58 1.41 0.00
NEG NORTH_FLCN_SEA 23793	41.08 -0.11 0.00	34.32 -0.21 0.00	34.48 -0.16 0.00	32.12 -0.30 0.00	32.52 -0.27 0.00	34.14 -0.14 0.00	43.95 -0.34 0.00	49.37 0.04 0.00	42.01 0.52 0.00	39.85 0.49 0.00	30.19 0.15 0.00	30.83 0.19 0.00	33.75 0.26 0.00	39.23 0.61 0.00	42.16 0.81 0.00	54.98 1.18 0.00	62.36 1.71 0.00	59.88 1.83 0.00	56.99 1.70 0.00	50.99 1.67 0.00	51.45 1.63 0.00	44.62 1.44 0.00	38.53 1.21 0.00	42.48 1.31 0.00
NEG NORTH_KES_CHATEGAY 23792	40.90 -0.29 0.00	34.17 -0.36 0.00	34.33 -0.30 0.00	31.99 -0.43 0.00	32.39 -0.40 0.00	34.02 -0.26 0.00	43.82 -0.46 0.00	49.21 -0.12 0.00	41.85 0.35 0.00	39.75 0.38 0.00	30.07 0.03 0.00	30.69 0.05 0.00	33.58 0.10 0.00	39.05 0.43 0.00	41.99 0.64 0.00	54.73 0.93 0.00	62.11 1.46 0.00	59.69 1.63 0.00	56.84 1.55 0.00	50.82 1.50 0.00	51.27 1.45 0.00	44.44 1.26 0.00	38.37 1.05 0.00	42.31 1.14 0.00
NEG NORTH___ALICE_FALLS 23915	41.22 0.02 0.00	34.41 -0.12 0.00	34.57 -0.07 0.00	32.20 -0.21 0.00	32.60 -0.19 0.00	34.24 -0.04 0.00	44.10 -0.19 0.00	49.55 0.22 0.00	42.16 0.66 0.00	39.93 0.56 0.00	30.21 0.17 0.00	30.85 0.21 0.00	33.76 0.27 0.00	39.33 0.71 0.00	42.26 0.91 0.00	55.13 1.33 0.00	62.63 1.98 0.00	60.21 2.16 0.00	57.30 2.01 0.00	51.23 1.91 0.00	51.68 1.86 0.00	44.80 1.61 0.00	38.67 1.35 0.00	42.63 1.46 0.00
NEG NORTH___LWR_SARANAC 23913	41.22 0.02 0.00	34.41 -0.12 0.00	34.57 -0.07 0.00	32.20 -0.21 0.00	32.60 -0.19 0.00	34.24 -0.04 0.00	44.10 -0.19 0.00	49.55 0.22 0.00	42.16 0.66 0.00	39.93 0.56 0.00	30.21 0.17 0.00	30.85 0.21 0.00	33.76 0.27 0.00	39.33 0.71 0.00	42.26 0.91 0.00	55.13 1.33 0.00	62.63 1.98 0.00	60.21 2.16 0.00	57.30 2.01 0.00	51.23 1.91 0.00	51.68 1.86 0.00	44.80 1.61 0.00	38.67 1.35 0.00	42.63 1.46 0.00
NEG NORTH___PLATTSBURG 23628	41.22 0.02 0.00	34.41 -0.12 0.00	34.57 -0.07 0.00	32.20 -0.21 0.00	32.60 -0.18 0.00	34.24 -0.04 0.00	44.10 -0.19 0.00	49.55 0.22 0.00	42.16 0.66 0.00	39.93 0.56 0.00	30.21 0.17 0.00	30.85 0.21 0.00	33.76 0.27 0.00	39.33 0.71 0.00	42.26 0.91 0.00	55.13 1.33 0.00	62.63 1.98 0.00	60.21 2.15 0.00	57.30 2.01 0.00	51.23 1.91 0.00	51.68 1.86 0.00	44.79 1.61 0.00	38.67 1.35 0.00	42.62 1.46 0.00
NEG WEST_LEA_LOCKPORT 23791	37.69 -3.50 0.00	31.73 -2.80 0.00	32.46 -2.17 0.00	30.36 -2.06 0.00	30.98 -1.81 0.00	32.50 -1.78 0.00	41.95 -2.33 0.00	46.59 -2.74 0.00	39.76 -1.74 0.00	38.41 -0.96 0.00	29.65 -0.39 0.00	30.31 -0.33 0.00	32.98 -0.51 0.00	38.40 -0.22 0.00	41.27 -0.08 0.00	53.23 -0.57 0.00	58.88 -1.77 0.00	56.49 -1.56 0.00	53.74 -1.55 0.00	47.55 -1.77 0.00	48.38 -1.44 0.00	41.56 -1.62 0.00	36.04 -1.28 0.00	39.60 -1.57 0.00
NEG WEST___LANCASTR 23811	38.00 -3.19 0.00	31.93 -2.60 0.00	32.59 -2.04 0.00	30.45 -1.96 0.00	31.07 -1.72 0.00	32.67 -1.60 0.00	42.20 -2.09 0.00	47.08 -2.25 0.00	40.09 -1.41 0.00	38.68 -0.69 0.00	29.79 -0.25 0.00	30.48 -0.16 0.00	33.19 -0.30 0.00	38.51 -0.11 0.00	41.38 0.03 0.00	53.46 -0.35 0.00	59.14 -1.52 0.00	56.79 -1.26 0.00	54.07 -1.22 0.00	47.72 -1.61 0.00	48.64 -1.18 0.00	41.65 -1.53 0.00	36.16 -1.16 0.00	39.69 -1.48 0.00
NEG_PENN_ALLEGHNY 23528	40.83 -0.36 0.00	34.21 -0.32 0.00	34.39 -0.24 0.00	32.18 -0.23 0.00	32.58 -0.21 0.00	34.09 -0.18 0.00	44.12 -0.16 0.00	49.25 -0.08 0.00	41.50 0.00 0.00	39.45 0.09 0.00	30.14 0.10 0.00	30.75 0.11 0.00	33.58 0.09 0.00	38.78 0.15 0.00	41.62 0.27 0.00	54.15 0.34 0.00	60.72 0.07 0.00	58.22 0.17 0.00	55.35 0.05 0.00	49.18 -0.14 0.00	49.80 -0.01 0.00	43.00 -0.18 0.00	37.21 -0.11 0.00	40.94 -0.23 0.00
NEG___GEN_MONROE 24207	39.47 -1.72 0.00	33.15 -1.38 0.00	33.67 -0.96 0.00	31.48 -0.93 0.00	32.00 -0.78 0.00	33.52 -0.76 0.00	43.44 -0.85 0.00	48.30 -1.03 0.00	40.96 -0.54 0.00	39.28 -0.09 0.00	30.11 0.07 0.00	30.76 0.12 0.00	33.47 -0.02 0.00	38.96 0.34 0.00	42.07 0.72 0.00	54.45 0.65 0.00	60.68 0.03 0.00	58.18 0.13 0.00	55.27 -0.03 0.00	48.98 -0.34 0.00	49.64 -0.17 0.00	42.73 -0.45 0.00	36.95 -0.38 0.00	40.60 -0.57 0.00
NEPA___ENERGY 23901	37.85 -3.35 0.00	31.84 -2.69 0.00	32.43 -2.20 0.00	30.36 -2.05 0.00	31.00 -1.78 0.00	32.69 -1.59 0.00	42.18 -2.11 0.00	47.18 -2.14 0.00	40.09 -1.41 0.00	38.53 -0.83 0.00	29.66 -0.37 0.00	30.39 -0.25 0.00	33.12 -0.37 0.00	38.34 -0.27 0.00	41.15 -0.20 0.00	53.29 -0.51 0.00	58.82 -1.83 0.00	56.60 -1.45 0.00	53.97 -1.32 0.00	47.47 -1.85 0.00	48.54 -1.29 0.00	41.35 -1.83 0.00	35.99 -1.33 0.00	39.47 -1.70 0.00

NEVERSINK___HYD 23608	42.33 1.13 0.00	35.37 0.84 0.00	35.33 0.70 0.00	33.04 0.63 0.00	33.33 0.55 0.00	34.93 0.65 0.00	45.24 0.96 0.00	50.40 1.07 0.00	42.21 0.71 0.00	39.83 0.47 0.00	30.55 0.51 0.00	31.18 0.54 0.00	34.10 0.61 0.00	39.41 0.79 0.00	42.16 0.81 0.00	55.05 1.25 0.00	61.99 1.33 0.00	59.34 1.29 0.00	56.54 1.25 0.00	50.41 1.09 0.00	50.91 1.09 0.00	44.18 1.00 0.00	38.13 0.81 0.00	41.92 0.75 0.00
NEWKRMKL_115KV_TB1 55635	41.86 0.66 0.00	35.15 0.62 0.00	35.15 0.51 0.00	32.91 0.49 0.00	33.27 0.48 0.00	34.80 0.52 0.00	44.87 0.58 0.00	49.81 0.48 0.00	41.87 0.38 0.00	39.59 0.22 0.00	30.23 0.19 0.00	30.83 0.18 0.00	33.74 0.25 0.00	38.82 0.20 0.00	41.47 0.12 0.00	53.88 0.08 0.00	60.87 0.22 0.00	58.11 0.06 0.00	55.29 0.00 0.00	49.37 0.04 0.00	49.78 -0.03 0.00	43.33 0.14 0.00	37.44 0.11 0.00	41.32 0.15 0.00
NEWTON___FALLS_HYD 23847	40.75 -0.45 0.00	34.09 -0.44 0.00	34.18 -0.45 0.00	32.03 -0.39 0.00	32.51 -0.27 0.00	34.16 -0.12 0.00	44.11 -0.17 0.00	49.14 -0.19 0.00	41.44 -0.06 0.00	39.28 -0.09 0.00	29.89 -0.15 0.00	30.51 -0.13 0.00	33.23 -0.26 0.00	38.52 -0.11 0.00	41.33 -0.02 0.00	54.29 0.49 0.00	62.26 1.61 0.00	60.10 2.05 0.00	57.17 1.87 0.00	50.93 1.61 0.00	51.40 1.59 0.00	44.44 1.26 0.00	38.40 1.08 0.00	42.31 1.14 0.00
NGRID_A1_DSASP 323792	37.44 -3.76 0.00	31.58 -2.95 0.00	32.36 -2.28 0.00	30.25 -2.17 0.00	30.84 -1.94 0.00	32.32 -1.96 0.00	41.47 -2.81 0.00	46.02 -3.31 0.00	39.28 -2.22 0.00	37.97 -1.40 0.00	29.34 -0.69 0.00	30.00 -0.63 0.00	32.68 -0.81 0.00	37.99 -0.63 0.00	40.78 -0.57 0.00	52.55 -1.26 0.00	58.07 -2.58 0.00	55.67 -2.38 0.00	52.97 -2.33 0.00	46.89 -2.44 0.00	47.71 -2.11 0.00	41.19 -1.99 0.00	35.79 -1.53 0.00	39.35 -1.82 0.00
NGRID_A2_DSASP 323793	37.44 -3.76 0.00	31.58 -2.95 0.00	32.36 -2.28 0.00	30.25 -2.17 0.00	30.84 -1.94 0.00	32.32 -1.96 0.00	41.47 -2.81 0.00	46.02 -3.31 0.00	39.28 -2.22 0.00	37.97 -1.40 0.00	29.34 -0.69 0.00	30.00 -0.63 0.00	32.68 -0.81 0.00	37.99 -0.63 0.00	40.78 -0.57 0.00	52.55 -1.26 0.00	58.07 -2.58 0.00	55.67 -2.38 0.00	52.97 -2.33 0.00	46.89 -2.44 0.00	47.71 -2.11 0.00	41.19 -1.99 0.00	35.79 -1.53 0.00	39.35 -1.82 0.00
NGRID_A4_DSASP 323807	37.44 -3.76 0.00	31.58 -2.95 0.00	32.36 -2.28 0.00	30.25 -2.17 0.00	30.84 -1.94 0.00	32.32 -1.96 0.00	41.47 -2.81 0.00	46.02 -3.31 0.00	39.28 -2.22 0.00	37.97 -1.40 0.00	29.34 -0.69 0.00	30.00 -0.63 0.00	32.68 -0.81 0.00	37.99 -0.63 0.00	40.78 -0.57 0.00	52.55 -1.26 0.00	58.07 -2.58 0.00	55.67 -2.38 0.00	52.97 -2.33 0.00	46.89 -2.44 0.00	47.71 -2.11 0.00	41.19 -1.99 0.00	35.79 -1.53 0.00	39.35 -1.82 0.00
NIAGARA_115E_LBMP 323715	37.15 -4.04 0.00	31.28 -3.25 0.00	32.03 -2.61 0.00	29.94 -2.47 0.00	30.55 -2.24 0.00	32.03 -2.25 0.00	41.33 -2.96 0.00	45.87 -3.46 0.00	39.16 -2.34 0.00	37.85 -1.52 0.00	29.25 -0.79 0.00	29.91 -0.73 0.00	32.56 -0.93 0.00	37.88 -0.73 0.00	40.69 -0.66 0.00	52.44 -1.36 0.00	57.96 -2.69 0.00	55.59 -2.47 0.00	52.90 -2.39 0.00	46.84 -2.48 0.00	47.65 -2.17 0.00	40.94 -2.24 0.00	35.51 -1.81 0.00	39.03 -2.14 0.00
NIAGARA_115W_LBMP 323714	37.41 -3.79 0.00	31.54 -2.99 0.00	32.32 -2.31 0.00	30.21 -2.20 0.00	30.80 -1.98 0.00	32.29 -1.99 0.00	41.40 -2.89 0.00	45.94 -3.40 0.00	39.20 -2.30 0.00	37.90 -1.47 0.00	29.29 -0.75 0.00	29.95 -0.69 0.00	32.61 -0.88 0.00	37.92 -0.70 0.00	40.70 -0.65 0.00	52.45 -1.35 0.00	57.96 -2.69 0.00	55.56 -2.49 0.00	52.86 -2.43 0.00	46.80 -2.52 0.00	47.62 -2.20 0.00	41.12 -2.06 0.00	35.73 -1.59 0.00	39.30 -1.87 0.00
NIAGARA_230_LBMP 323716	37.60 -3.60 0.00	31.66 -2.86 0.00	32.41 -2.23 0.00	30.30 -2.12 0.00	30.87 -1.91 0.00	32.37 -1.91 0.00	41.74 -2.54 0.00	46.37 -2.96 0.00	39.54 -1.96 0.00	38.21 -1.16 0.00	29.51 -0.53 0.00	30.16 -0.47 0.00	32.84 -0.64 0.00	38.17 -0.45 0.00	40.97 -0.38 0.00	52.81 -0.99 0.00	58.40 -2.26 0.00	56.00 -2.06 0.00	53.26 -2.03 0.00	47.14 -2.18 0.00	47.97 -1.85 0.00	41.25 -1.93 0.00	35.80 -1.52 0.00	39.37 -1.80 0.00
NIAGARA___115KV_198_GIBSON 55903	37.40 -3.80 0.00	31.54 -2.98 0.00	32.32 -2.31 0.00	30.21 -2.20 0.00	30.80 -1.98 0.00	32.29 -1.99 0.00	41.40 -2.89 0.00	45.94 -3.39 0.00	39.21 -2.29 0.00	37.90 -1.47 0.00	29.29 -0.75 0.00	29.94 -0.70 0.00	32.61 -0.87 0.00	37.92 -0.70 0.00	40.71 -0.64 0.00	52.45 -1.35 0.00	57.96 -2.69 0.00	55.56 -2.49 0.00	52.86 -2.43 0.00	46.80 -2.52 0.00	47.62 -2.20 0.00	41.13 -2.06 0.00	35.74 -1.59 0.00	39.30 -1.87 0.00
NIAGARA____ 23760	37.60 -3.60 0.00	31.66 -2.86 0.00	32.41 -2.23 0.00	30.30 -2.12 0.00	30.87 -1.91 0.00	32.37 -1.91 0.00	41.74 -2.54 0.00	46.37 -2.96 0.00	39.54 -1.96 0.00	38.21 -1.16 0.00	29.51 -0.53 0.00	30.16 -0.47 0.00	32.84 -0.64 0.00	38.17 -0.45 0.00	40.97 -0.38 0.00	52.81 -0.99 0.00	58.40 -2.26 0.00	56.00 -2.06 0.00	53.26 -2.03 0.00	47.14 -2.18 0.00	47.97 -1.85 0.00	41.25 -1.93 0.00	35.80 -1.52 0.00	39.37 -1.80 0.00
NINE_MILE_1 23575	39.76 -1.43 0.00	33.35 -1.18 0.00	33.49 -1.14 0.00	31.36 -1.05 0.00	31.72 -1.06 0.00	33.07 -1.21 0.00	42.84 -1.45 0.00	47.72 -1.62 0.00	40.10 -1.40 0.00	38.06 -1.30 0.00	28.99 -1.05 0.00	29.55 -1.09 0.00	32.25 -1.24 0.00	37.14 -1.48 0.00	39.82 -1.53 0.00	51.84 -1.97 0.00	58.36 -2.29 0.00	55.92 -2.14 0.00	53.27 -2.02 0.00	47.48 -1.85 0.00	47.98 -1.84 0.00	41.55 -1.63 0.00	35.95 -1.37 0.00	39.66 -1.51 0.00
NINE_MILE_2 23744	39.77 -1.43 0.00	33.36 -1.17 0.00	33.49 -1.14 0.00	31.37 -1.05 0.00	31.72 -1.06 0.00	33.08 -1.20 0.00	42.84 -1.45 0.00	47.72 -1.61 0.00	40.10 -1.40 0.00	38.07 -1.30 0.00	29.00 -1.04 0.00	29.55 -1.09 0.00	32.25 -1.24 0.00	37.15 -1.47 0.00	39.82 -1.53 0.00	51.84 -1.97 0.00	58.36 -2.29 0.00	55.92 -2.14 0.00	53.28 -2.02 0.00	47.48 -1.85 0.00	47.98 -1.84 0.00	41.55 -1.63 0.00	35.96 -1.37 0.00	39.66 -1.51 0.00
NM_CAPITAL___DRP 24208	41.87 0.68 0.00	35.17 0.64 0.00	35.15 0.52 0.00	32.91 0.50 0.00	33.28 0.49 0.00	34.80 0.53 0.00	44.88 0.60 0.00	49.82 0.49 0.00	41.87 0.38 0.00	39.59 0.22 0.00	30.21 0.16 0.00	30.79 0.15 0.00	33.72 0.23 0.00	38.79 0.17 0.00	41.43 0.08 0.00	53.83 0.03 0.00	60.80 0.15 0.00	58.05 0.00 0.00	55.23 -0.07 0.00	49.31 -0.01 0.00	49.74 -0.08 0.00	43.29 0.11 0.00	37.39 0.07 0.00	41.33 0.16 0.00
NM_CENTRAL___DRP 24181	40.39 -0.80 0.00	33.89 -0.64 0.00	34.03 -0.60 0.00	31.86 -0.56 0.00	32.25 -0.54 0.00	33.65 -0.63 0.00	43.59 -0.69 0.00	48.60 -0.73 0.00	41.01 -0.49 0.00	38.94 -0.43 0.00	29.70 -0.34 0.00	30.25 -0.39 0.00	32.98 -0.51 0.00	38.01 -0.61 0.00	40.79 -0.56 0.00	53.17 -0.64 0.00	59.85 -0.80 0.00	57.40 -0.65 0.00	54.45 -0.84 0.00	48.41 -0.91 0.00	48.93 -0.89 0.00	42.34 -0.84 0.00	36.63 -0.70 0.00	40.36 -0.81 0.00

NM_FRONTIER___DRP 24179	37.40 -3.80 0.00	31.54 -2.98 0.00	32.32 -2.31 0.00	30.21 -2.20 0.00	30.80 -1.98 0.00	32.29 -1.99 0.00	41.40 -2.89 0.00	45.94 -3.39 0.00	39.21 -2.29 0.00	37.90 -1.47 0.00	29.29 -0.75 0.00	29.94 -0.70 0.00	32.61 -0.87 0.00	37.92 -0.70 0.00	40.71 -0.64 0.00	52.45 -1.35 0.00	57.96 -2.69 0.00	55.56 -2.49 0.00	52.86 -2.43 0.00	46.80 -2.52 0.00	47.62 -2.20 0.00	41.13 -2.06 0.00	35.74 -1.59 0.00	39.30 -1.87 0.00
NM_ST_REGIS___HYD 24053	41.81 0.61 0.00	34.94 0.41 0.00	35.11 0.48 0.00	32.80 0.39 0.00	33.25 0.46 0.00	34.89 0.62 0.00	44.90 0.62 0.00	50.26 0.93 0.00	42.49 0.99 0.00	40.35 0.98 0.00	30.70 0.66 0.00	31.32 0.68 0.00	34.17 0.68 0.00	39.64 1.02 0.00	42.56 1.21 0.00	55.43 1.63 0.00	63.17 2.52 0.00	60.84 2.79 0.00	57.91 2.62 0.00	51.64 2.32 0.00	52.09 2.28 0.00	45.07 1.89 0.00	38.92 1.59 0.00	42.88 1.71 0.00
NORTHPORT___1 23551	43.07 1.87 0.00	35.97 1.44 0.00	35.84 1.21 0.00	33.40 0.99 0.00	33.48 0.70 0.00	11.01 0.56 23.83	14.44 0.96 30.80	50.71 1.39 0.00	42.66 1.16 0.00	40.15 0.78 0.00	31.04 1.00 0.00	31.84 1.20 0.00	35.02 1.53 0.00	40.08 1.46 0.00	42.91 1.56 0.00	54.94 1.79 0.66	11.60 1.75 50.79	0.27 1.66 59.45	20.75 1.60 36.15	9.39 1.52 41.45	12.01 1.47 39.28	15.27 1.46 29.36	38.72 1.39 0.00	42.64 1.47 0.00
NORTHPORT___2 23552	43.07 1.87 0.00	35.97 1.44 0.00	35.84 1.21 0.00	33.40 0.99 0.00	33.48 0.70 0.00	11.01 0.56 23.83	14.44 0.96 30.80	50.71 1.39 0.00	42.66 1.16 0.00	40.15 0.78 0.00	31.04 1.00 0.00	31.84 1.20 0.00	35.02 1.53 0.00	40.08 1.46 0.00	42.91 1.56 0.00	54.94 1.79 0.66	11.60 1.75 50.79	0.27 1.66 59.45	20.75 1.60 36.15	9.39 1.52 41.45	12.01 1.47 39.28	15.27 1.46 29.36	38.72 1.39 0.00	42.64 1.47 0.00
NORTHPORT___3 23553	43.02 1.82 0.00	35.93 1.40 0.00	35.80 1.17 0.00	33.37 0.96 0.00	33.45 0.67 0.00	20.82 0.54 14.00	27.13 0.94 18.10	50.68 1.35 0.00	42.63 1.14 0.00	40.13 0.76 0.00	31.06 1.02 0.00	31.85 1.22 0.00	35.01 1.52 0.00	40.10 1.48 0.00	42.91 1.56 0.00	55.18 1.77 0.39	32.87 1.68 29.47	25.44 1.60 34.21	42.21 1.54 14.62	24.99 1.46 25.79	27.54 1.42 23.69	27.12 1.43 17.49	38.69 1.36 0.00	42.61 1.44 0.00
NORTHPORT___4 23650	43.02 1.82 0.00	35.93 1.40 0.00	35.80 1.17 0.00	33.37 0.96 0.00	33.45 0.67 0.00	20.82 0.54 14.00	27.13 0.94 18.10	50.68 1.35 0.00	42.63 1.14 0.00	40.13 0.76 0.00	31.06 1.02 0.00	31.85 1.22 0.00	35.01 1.52 0.00	40.10 1.48 0.00	42.91 1.56 0.00	55.18 1.77 0.39	32.87 1.68 29.47	25.44 1.60 34.21	42.21 1.54 14.62	24.99 1.46 25.79	27.54 1.42 23.69	27.12 1.43 17.49	38.69 1.36 0.00	42.61 1.44 0.00
NORTHPORT___IC 23718	43.07 1.88 0.00	35.97 1.44 0.00	35.84 1.21 0.00	33.40 0.99 0.00	33.48 0.70 0.00	11.01 0.56 23.83	14.45 0.97 30.80	50.71 1.39 0.00	42.66 1.16 0.00	40.15 0.78 0.00	31.04 1.00 0.00	31.84 1.20 0.00	35.01 1.52 0.00	40.09 1.46 0.00	42.91 1.56 0.00	54.94 1.79 0.66	11.60 1.75 50.79	0.27 1.66 59.45	20.75 1.60 36.15	9.40 1.52 41.45	12.01 1.48 39.28	15.27 1.45 29.36	38.72 1.39 0.00	42.64 1.47 0.00
NORTH___COUNTRY_ESR 323785	40.83 -0.37 0.00	34.10 -0.43 0.00	34.28 -0.36 0.00	31.94 -0.48 0.00	32.34 -0.45 0.00	33.96 -0.32 0.00	43.73 -0.56 0.00	49.11 -0.22 0.00	41.76 0.26 0.00	39.69 0.32 0.00	30.07 0.03 0.00	30.68 0.05 0.00	33.58 0.09 0.00	39.05 0.43 0.00	41.95 0.60 0.00	54.66 0.86 0.00	61.97 1.33 0.00	59.52 1.46 0.00	56.68 1.38 0.00	50.68 1.36 0.00	51.12 1.31 0.00	44.32 1.14 0.00	38.28 0.96 0.00	42.21 1.04 0.00
NPX_GEN_1385_PROXY 323591	34.52 1.53 8.21	26.81 1.15 8.88	35.61 0.97 0.00	31.32 0.71 1.81	32.09 0.42 1.12	9.90 0.27 24.65	13.85 0.76 31.19	50.61 1.28 0.00	42.46 0.96 0.00	39.96 0.59 0.00	30.86 0.82 0.00	31.66 1.02 0.00	34.98 1.50 0.00	39.29 1.13 0.45	42.68 1.33 0.00	55.13 1.99 0.66	11.42 1.57 50.79	-0.08 1.31 59.45	21.06 1.92 36.15	9.04 1.33 41.62	11.73 1.20 39.28	15.14 1.32 29.36	38.89 1.56 0.00	42.81 1.64 0.00
NPX_GEN_CSC 323557	43.26 2.07 0.00	36.10 1.57 0.00	35.95 1.32 0.00	33.57 1.16 0.00	33.66 0.88 0.00	39.70 0.79 -4.63	51.23 1.34 -5.60	51.37 2.04 0.00	43.28 1.78 0.00	40.55 1.18 0.00	31.36 1.32 0.00	32.11 1.47 0.00	35.24 1.75 0.00	40.53 1.91 0.00	43.51 2.16 0.00	56.80 2.87 -0.13	78.76 3.10 -15.01	297.89 3.05 -236.79	257.23 2.87 -199.07	115.84 2.65 -63.87	83.93 2.64 -31.47	60.62 2.44 -15.00	39.48 2.16 0.00	43.34 2.17 0.00
NSINS_S_GLNS_FALLS 23858	42.59 1.40 0.00	35.74 1.21 0.00	35.80 1.16 0.00	33.52 1.11 0.00	33.97 1.19 0.00	35.53 1.26 0.00	45.98 1.70 0.00	51.13 1.80 0.00	43.00 1.51 0.00	40.31 0.94 0.00	30.54 0.51 0.00	31.12 0.48 0.00	34.10 0.61 0.00	39.11 0.49 0.00	41.93 0.57 0.00	55.10 1.30 0.00	62.60 1.95 0.00	60.01 1.96 0.00	57.00 1.71 0.00	50.68 1.36 0.00	51.11 1.29 0.00	44.55 1.36 0.00	38.49 1.16 0.00	42.68 1.51 0.00
NUCOR_STEEL___DRP 24197	40.82 -0.37 0.00	34.24 -0.29 0.00	34.42 -0.21 0.00	32.24 -0.17 0.00	32.52 -0.26 0.00	33.94 -0.33 0.00	44.15 -0.14 0.00	49.17 -0.16 0.00	42.13 0.63 0.00	40.08 0.71 0.00	30.50 0.46 0.00	31.06 0.42 0.00	33.85 0.37 0.00	39.07 0.44 0.00	41.86 0.51 0.00	54.67 0.87 0.00	61.76 1.10 0.00	59.42 1.37 0.00	55.61 0.32 0.00	49.18 -0.14 0.00	49.71 -0.10 0.00	42.96 -0.22 0.00	37.16 -0.17 0.00	40.79 -0.38 0.00
NUMBER_THREE_WT_PWR 323818	40.02 -1.18 0.00	33.52 -1.01 0.00	33.54 -1.09 0.00	31.51 -0.91 0.00	32.06 -0.73 0.00	33.76 -0.51 0.00	43.78 -0.50 0.00	48.60 -0.73 0.00	41.07 -0.43 0.00	38.89 -0.47 0.00	29.61 -0.43 0.00	30.21 -0.43 0.00	32.86 -0.62 0.00	38.08 -0.54 0.00	40.85 -0.50 0.00	54.05 0.24 0.00	62.26 1.61 0.00	60.21 2.16 0.00	57.23 1.94 0.00	50.95 1.63 0.00	51.46 1.64 0.00	44.48 1.30 0.00	38.45 1.13 0.00	42.33 1.16 0.00
NYISO_LBMP_REFERENCE 24008	41.19 0.00 0.00	34.53 0.00 0.00	34.63 0.00 0.00	32.41 0.00 0.00	32.78 0.00 0.00	34.28 0.00 0.00	44.29 0.00 0.00	49.33 0.00 0.00	41.50 0.00 0.00	39.37 0.00 0.00	30.04 0.00 0.00	30.64 0.00 0.00	33.49 0.00 0.00	38.62 0.00 0.00	41.35 0.00 0.00	53.80 0.00 0.00	60.65 0.00 0.00	58.05 0.00 0.00	55.29 0.00 0.00	49.32 0.00 0.00	49.82 0.00 0.00	43.18 0.00 0.00	37.32 0.00 0.00	41.17 0.00 0.00
NYPA_BRENTWD____GT 24164	43.43 2.24 0.00	36.27 1.74 0.00	36.12 1.49 0.00	33.67 1.26 0.00	33.80 1.02 0.00	39.32 1.05 -4.00	51.26 1.81 -5.17	51.56 2.22 0.00	43.39 1.89 0.00	40.80 1.43 0.00	31.48 1.44 0.00	32.28 1.64 0.00	35.45 1.96 0.00	40.68 2.06 0.00	43.62 2.27 0.00	56.80 2.89 -0.11	73.89 2.99 -10.25	107.71 2.64 -47.03	110.36 2.71 -52.35	63.90 2.38 -12.20	61.19 2.55 -8.82	51.33 2.36 -5.80	39.34 2.02 0.00	43.27 2.10 0.00

NYPA_GOWANUS____GT5 24156	43.34 2.15 0.00	36.28 1.75 0.00	36.18 1.55 0.00	33.85 1.43 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
NYPA_GOWANUS____GT6 24157	43.34 2.15 0.00	36.28 1.75 0.00	36.18 1.55 0.00	33.85 1.43 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.27 1.99 0.00	51.47 2.14 0.00	43.31 1.82 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.16 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.76 1.94 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00
NYPA_HARLEM__RVR__GT1 24160	43.08 1.89 0.00	36.15 1.62 0.00	36.02 1.39 0.00	33.73 1.31 0.00	33.96 1.18 0.00	35.58 1.31 0.00	46.00 1.72 0.00	51.25 1.92 0.00	43.05 1.55 0.00	40.67 1.30 0.00	31.30 1.26 0.00	32.06 1.42 0.00	35.05 1.56 0.00	40.46 1.84 0.00	43.20 1.85 0.00	55.78 1.98 0.00	62.54 1.88 0.00	59.85 1.80 0.00	56.99 1.70 0.00	50.90 1.58 0.00	51.48 1.66 0.00	44.80 1.62 0.00	38.62 1.29 0.00	42.45 1.29 0.01
NYPA_HARLEM__RVR__GT2 24161	43.08 1.89 0.00	36.15 1.62 0.00	36.02 1.39 0.00	33.73 1.31 0.00	33.96 1.18 0.00	35.58 1.31 0.00	46.00 1.72 0.00	51.25 1.92 0.00	43.05 1.55 0.00	40.67 1.30 0.00	31.30 1.26 0.00	32.06 1.42 0.00	35.05 1.56 0.00	40.46 1.84 0.00	43.20 1.85 0.00	55.78 1.98 0.00	62.54 1.88 0.00	59.85 1.80 0.00	56.99 1.70 0.00	50.90 1.58 0.00	51.48 1.66 0.00	44.80 1.62 0.00	38.62 1.29 0.00	42.45 1.29 0.01
NYPA_KENT____GT 24152	43.30 2.11 0.00	36.25 1.72 0.00	36.15 1.52 0.00	33.82 1.41 0.00	34.07 1.29 0.00	35.71 1.43 0.00	46.20 1.92 0.00	51.42 2.09 0.00	43.24 1.75 0.00	40.88 1.51 0.00	31.47 1.43 0.00	32.23 1.60 0.00	35.25 1.76 0.00	40.69 2.07 0.00	43.44 2.09 0.00	56.05 2.25 0.00	62.71 2.06 0.00	60.01 1.96 0.00	57.15 1.86 0.00	51.10 1.78 0.00	51.65 1.84 0.00	45.00 1.82 0.00	38.83 1.50 0.00	42.70 1.53 0.00
NYPA_POUCH1____GT 24155	43.35 2.16 0.00	36.30 1.77 0.00	36.19 1.56 0.00	33.86 1.45 0.00	34.11 1.33 0.00	35.77 1.49 0.00	46.27 1.98 0.00	51.45 2.12 0.00	43.31 1.81 0.00	40.94 1.57 0.00	31.50 1.46 0.00	32.25 1.61 0.00	35.27 1.79 0.00	40.71 2.09 0.00	43.46 2.11 0.00	56.05 2.25 0.00	62.69 2.04 0.00	60.07 2.01 0.00	57.23 1.94 0.00	51.23 1.90 0.00	51.68 1.87 0.00	44.93 1.75 0.00	38.77 1.44 0.00	42.64 1.47 0.00
NYPA_VERNON____GT2 24162	43.25 2.06 0.00	36.21 1.69 0.00	36.11 1.48 0.00	33.79 1.38 0.00	34.04 1.25 0.00	35.66 1.38 0.00	46.13 1.85 0.00	51.38 2.05 0.00	43.19 1.69 0.00	40.81 1.44 0.00	31.42 1.39 0.00	32.19 1.55 0.00	35.21 1.72 0.00	40.63 2.01 0.00	43.37 2.03 0.00	55.97 2.17 0.00	62.59 1.94 0.00	59.89 1.84 0.00	57.01 1.72 0.00	50.96 1.64 0.00	51.55 1.73 0.00	44.95 1.77 0.00	38.80 1.48 0.00	42.67 1.50 0.00
NYPA_VERNON____GT3 24163	43.25 2.06 0.00	36.21 1.69 0.00	36.11 1.48 0.00	33.79 1.38 0.00	34.04 1.25 0.00	35.66 1.38 0.00	46.13 1.85 0.00	51.38 2.05 0.00	43.19 1.69 0.00	40.81 1.44 0.00	31.42 1.39 0.00	32.19 1.55 0.00	35.21 1.72 0.00	40.63 2.01 0.00	43.37 2.03 0.00	55.97 2.17 0.00	62.59 1.94 0.00	59.89 1.84 0.00	57.01 1.72 0.00	50.96 1.64 0.00	51.55 1.73 0.00	44.95 1.77 0.00	38.80 1.48 0.00	42.67 1.50 0.00
NYPA__ASTORIA_CC1 323568	43.21 2.02 0.00	36.19 1.66 0.00	36.09 1.46 0.00	33.77 1.36 0.00	34.01 1.22 0.00	35.63 1.35 0.00	46.09 1.80 0.00	51.33 2.00 0.00	43.15 1.65 0.00	40.76 1.39 0.00	31.40 1.36 0.00	32.17 1.53 0.00	35.17 1.68 0.00	40.58 1.96 0.00	43.33 1.98 0.00	55.91 2.11 0.00	62.53 1.88 0.00	59.82 1.77 0.00	56.96 1.66 0.00	50.92 1.60 0.00	51.51 1.69 0.00	44.91 1.73 0.00	38.76 1.44 0.00	42.62 1.45 0.00
NYPA__ASTORIA_CC2 323569	43.21 2.02 0.00	36.19 1.66 0.00	36.09 1.46 0.00	33.77 1.36 0.00	34.01 1.22 0.00	35.63 1.35 0.00	46.09 1.80 0.00	51.33 2.00 0.00	43.15 1.65 0.00	40.76 1.39 0.00	31.40 1.36 0.00	32.17 1.53 0.00	35.17 1.68 0.00	40.58 1.96 0.00	43.33 1.98 0.00	55.91 2.11 0.00	62.53 1.88 0.00	59.82 1.77 0.00	56.96 1.66 0.00	50.92 1.60 0.00	51.51 1.69 0.00	44.91 1.73 0.00	38.76 1.44 0.00	42.62 1.45 0.00
NYPA__HOLTSVILL 23794	43.20 2.00 0.00	36.07 1.54 0.00	35.93 1.30 0.00	33.53 1.12 0.00	33.64 0.86 0.00	39.91 0.77 -4.87	51.84 1.27 -6.29	51.11 1.78 0.00	43.03 1.54 0.00	40.43 1.06 0.00	31.23 1.19 0.00	32.01 1.37 0.00	35.12 1.64 0.00	40.33 1.71 0.00	43.25 1.90 0.00	56.32 2.38 -0.13	78.63 2.46 -15.51	298.06 2.37 -237.63	257.28 2.25 -199.74	115.91 2.10 -64.48	83.76 2.07 -31.88	60.44 1.97 -15.29	39.09 1.77 0.00	42.97 1.80 0.00
NYPA__HELLGATE_GT1 24158	43.09 1.90 0.00	36.15 1.62 0.00	36.02 1.39 0.00	33.73 1.31 0.00	33.96 1.18 0.00	35.58 1.31 0.00	46.00 1.72 0.00	51.25 1.92 0.00	43.08 1.58 0.00	40.69 1.32 0.00	31.30 1.26 0.00	32.06 1.42 0.00	35.05 1.56 0.00	40.46 1.84 0.00	43.20 1.85 0.00	55.75 1.95 0.00	62.42 1.77 0.00	59.76 1.71 0.00	56.90 1.61 0.00	50.83 1.51 0.00	51.43 1.62 0.00	44.80 1.62 0.00	38.62 1.29 0.00	42.46 1.29 0.00
NYPA__HELLGATE_GT2 24159	43.09 1.90 0.00	36.15 1.62 0.00	36.02 1.39 0.00	33.73 1.31 0.00	33.96 1.18 0.00	35.58 1.31 0.00	46.00 1.72 0.00	51.25 1.92 0.00	43.08 1.58 0.00	40.69 1.32 0.00	31.30 1.26 0.00	32.06 1.42 0.00	35.05 1.56 0.00	40.46 1.84 0.00	43.20 1.85 0.00	55.75 1.95 0.00	62.42 1.77 0.00	59.76 1.71 0.00	56.90 1.61 0.00	50.83 1.51 0.00	51.43 1.62 0.00	44.80 1.62 0.00	38.62 1.29 0.00	42.46 1.29 0.00
NYS_BARGE____HYD 23848	37.72 -3.47 0.00	31.74 -2.79 0.00	32.48 -2.16 0.00	30.36 -2.05 0.00	30.99 -1.80 0.00	32.50 -1.78 0.00	41.94 -2.35 0.00	46.59 -2.75 0.00	39.74 -1.76 0.00	38.39 -0.98 0.00	29.62 -0.42 0.00	30.29 -0.35 0.00	32.95 -0.54 0.00	38.38 -0.24 0.00	41.25 -0.10 0.00	53.22 -0.59 0.00	58.88 -1.77 0.00	56.50 -1.56 0.00	53.75 -1.54 0.00	47.58 -1.74 0.00	48.39 -1.43 0.00	41.56 -1.62 0.00	36.05 -1.28 0.00	39.60 -1.57 0.00
OAK ORCHARD____HYD 24046	39.38 -1.81 0.00	33.07 -1.46 0.00	33.54 -1.09 0.00	31.37 -1.04 0.00	31.87 -0.91 0.00	33.36 -0.91 0.00	43.16 -1.12 0.00	48.06 -1.27 0.00	40.75 -0.75 0.00	39.09 -0.28 0.00	30.00 -0.04 0.00	30.60 -0.04 0.00	33.35 -0.13 0.00	38.69 0.07 0.00	41.60 0.25 0.00	53.90 0.10 0.00	60.18 -0.47 0.00	57.74 -0.32 0.00	54.86 -0.43 0.00	48.64 -0.68 0.00	49.29 -0.53 0.00	42.46 -0.73 0.00	36.72 -0.60 0.00	40.37 -0.80 0.00

OAKDALE___35_KV_LOAD 356122	40.71 -0.48 0.00	34.12 -0.41 0.00	34.30 -0.33 0.00	32.10 -0.32 0.00	32.49 -0.30 0.00	33.99 -0.28 0.00	43.99 -0.30 0.00	49.08 -0.25 0.00	41.37 -0.13 0.00	39.34 -0.03 0.00	30.06 0.02 0.00	30.67 0.04 0.00	33.49 0.00 0.00	38.66 0.04 0.00	41.46 0.11 0.00	53.93 0.13 0.00	60.50 -0.16 0.00	57.98 -0.07 0.00	55.13 -0.16 0.00	49.00 -0.32 0.00	49.62 -0.19 0.00	42.87 -0.31 0.00	37.10 -0.23 0.00	40.83 -0.34 0.00
OCC_CHEM___DRP 24175	37.44 -3.76 0.00	31.58 -2.95 0.00	32.36 -2.28 0.00	30.25 -2.17 0.00	30.84 -1.94 0.00	32.32 -1.96 0.00	41.47 -2.81 0.00	46.02 -3.31 0.00	39.28 -2.22 0.00	37.97 -1.40 0.00	29.34 -0.69 0.00	30.00 -0.63 0.00	32.68 -0.81 0.00	37.99 -0.63 0.00	40.78 -0.57 0.00	52.55 -1.26 0.00	58.07 -2.58 0.00	55.67 -2.38 0.00	52.97 -2.33 0.00	46.89 -2.44 0.00	47.71 -2.11 0.00	41.19 -1.99 0.00	35.79 -1.53 0.00	39.35 -1.82 0.00
OH_GEN_PROXY 24063	37.64 -3.55 0.00	31.69 -2.84 0.00	32.43 -2.21 0.00	30.30 -2.11 0.00	30.89 -1.89 0.00	32.38 -1.90 0.00	41.37 -2.53 0.39	46.43 -2.90 0.00	39.59 -1.91 0.00	38.25 -1.12 0.00	29.53 -0.51 0.00	30.18 -0.45 0.00	32.87 -0.62 0.00	38.19 -0.43 0.00	40.99 -0.36 0.00	52.84 -0.96 0.00	58.45 -2.20 0.00	56.06 -1.99 0.00	53.33 -1.96 0.00	47.02 -2.14 0.17	48.02 -1.80 0.00	41.27 -1.91 0.00	35.81 -1.52 0.00	81.72 -1.81 -42.36
OLIN_CORP_DRP 24177	37.22 -3.97 0.00	31.35 -3.18 0.00	32.09 -2.54 0.00	30.01 -2.41 0.00	30.61 -2.17 0.00	32.09 -2.19 0.00	41.41 -2.88 0.00	45.97 -3.36 0.00	39.25 -2.25 0.00	37.93 -1.44 0.00	29.31 -0.74 0.00	29.97 -0.67 0.00	32.63 -0.86 0.00	37.96 -0.67 0.00	40.77 -0.58 0.00	52.54 -1.26 0.00	58.07 -2.58 0.00	55.70 -2.35 0.00	53.00 -2.29 0.00	46.93 -2.39 0.00	47.74 -2.08 0.00	41.02 -2.16 0.00	35.57 -1.75 0.00	39.11 -2.07 0.00
OLIN_CORP_DSASP 323712	37.44 -3.76 0.00	31.58 -2.95 0.00	32.36 -2.28 0.00	30.25 -2.17 0.00	30.84 -1.94 0.00	32.32 -1.96 0.00	41.47 -2.81 0.00	46.02 -3.31 0.00	39.28 -2.22 0.00	37.97 -1.40 0.00	29.34 -0.69 0.00	30.00 -0.63 0.00	32.68 -0.81 0.00	37.99 -0.63 0.00	40.78 -0.57 0.00	52.55 -1.26 0.00	58.07 -2.58 0.00	55.67 -2.38 0.00	52.97 -2.33 0.00	46.89 -2.44 0.00	47.71 -2.11 0.00	41.19 -1.99 0.00	35.79 -1.53 0.00	39.35 -1.82 0.00
ONEIDA_HERK_LFGE 323681	41.12 -0.07 0.00	34.46 -0.07 0.00	34.52 -0.11 0.00	32.37 -0.04 0.00	32.82 0.03 0.00	34.43 0.15 0.00	44.63 0.34 0.00	49.62 0.29 0.00	41.78 0.29 0.00	39.61 0.24 0.00	30.16 0.13 0.00	30.74 0.10 0.00	33.48 -0.01 0.00	38.63 0.01 0.00	41.39 0.04 0.00	54.42 0.62 0.00	62.10 1.45 0.00	59.72 1.66 0.00	56.81 1.51 0.00	50.59 1.27 0.00	51.08 1.27 0.00	44.20 1.02 0.00	38.19 0.86 0.00	42.05 0.87 0.00
ONEIDA___115KV_TB4 55905	41.67 0.48 0.00	34.96 0.43 0.00	35.11 0.47 0.00	32.87 0.45 0.00	33.28 0.50 0.00	34.86 0.59 0.00	45.20 0.92 0.00	50.33 1.01 0.00	42.35 0.85 0.00	40.16 0.79 0.00	30.61 0.57 0.00	31.14 0.50 0.00	33.88 0.39 0.00	38.90 0.28 0.00	41.67 0.32 0.00	54.65 0.85 0.00	62.17 1.52 0.00	59.63 1.58 0.00	56.68 1.38 0.00	50.42 1.10 0.00	50.92 1.11 0.00	44.05 0.87 0.00	38.06 0.73 0.00	41.89 0.72 0.00
ONONDAGA_REF_OCCRA 23987	40.68 -0.51 0.00	34.11 -0.42 0.00	34.25 -0.38 0.00	32.07 -0.34 0.00	32.45 -0.33 0.00	33.88 -0.40 0.00	43.89 -0.39 0.00	48.93 -0.40 0.00	41.36 -0.14 0.00	39.28 -0.10 0.00	29.93 -0.11 0.00	30.49 -0.15 0.00	33.22 -0.27 0.00	38.29 -0.33 0.00	41.11 -0.24 0.00	53.66 -0.14 0.00	60.44 -0.22 0.00	57.99 -0.06 0.00	54.93 -0.36 0.00	48.81 -0.51 0.00	49.32 -0.50 0.00	42.66 -0.52 0.00	36.90 -0.43 0.00	40.65 -0.52 0.00
ONONDAGA___COGEN 23986	40.62 -0.58 0.00	34.06 -0.47 0.00	34.21 -0.42 0.00	32.03 -0.38 0.00	32.40 -0.38 0.00	33.81 -0.47 0.00	43.83 -0.46 0.00	48.88 -0.45 0.00	41.62 0.13 0.00	39.53 0.16 0.00	30.12 0.08 0.00	30.68 0.05 0.00	33.43 -0.05 0.00	38.55 -0.07 0.00	41.40 0.05 0.00	54.00 0.20 0.00	60.86 0.21 0.00	58.47 0.41 0.00	54.97 -0.32 0.00	48.70 -0.62 0.00	49.21 -0.60 0.00	42.57 -0.61 0.00	36.83 -0.50 0.00	40.57 -0.60 0.00
ONTARIO___LFGE 23819	40.11 -1.08 0.00	33.66 -0.87 0.00	33.95 -0.68 0.00	31.77 -0.64 0.00	32.20 -0.58 0.00	33.68 -0.60 0.00	43.67 -0.62 0.00	48.69 -0.64 0.00	41.45 -0.05 0.00	39.48 0.12 0.00	30.15 0.11 0.00	30.67 0.03 0.00	33.40 -0.09 0.00	38.64 0.02 0.00	41.70 0.35 0.00	54.28 0.48 0.00	60.98 0.33 0.00	58.61 0.56 0.00	55.27 -0.02 0.00	48.96 -0.37 0.00	49.51 -0.30 0.00	42.72 -0.46 0.00	36.92 -0.40 0.00	40.59 -0.58 0.00
ORANGEVILLE_WT_PWR 323706	37.23 -3.96 0.00	31.28 -3.25 0.00	31.85 -2.79 0.00	29.87 -2.54 0.00	30.57 -2.22 0.00	32.36 -1.92 0.00	41.94 -2.35 0.00	46.78 -2.55 0.00	39.94 -1.56 0.00	38.66 -0.71 0.00	29.71 -0.33 0.00	30.41 -0.23 0.00	33.13 -0.35 0.00	38.54 -0.08 0.00	41.49 0.13 0.00	53.64 -0.17 0.00	59.34 -1.31 0.00	56.97 -1.09 0.00	54.27 -1.03 0.00	47.92 -1.40 0.00	48.85 -0.97 0.00	41.83 -1.36 0.00	36.33 -1.00 0.00	39.84 -1.33 0.00
ORANGEVILLE___ESR 323794	37.23 -3.96 0.00	31.28 -3.25 0.00	31.85 -2.79 0.00	29.87 -2.54 0.00	30.57 -2.22 0.00	32.36 -1.92 0.00	41.94 -2.35 0.00	46.78 -2.55 0.00	39.94 -1.56 0.00	38.66 -0.71 0.00	29.71 -0.33 0.00	30.41 -0.23 0.00	33.13 -0.35 0.00	38.54 -0.08 0.00	41.49 0.13 0.00	53.64 -0.17 0.00	59.34 -1.31 0.00	56.97 -1.09 0.00	54.27 -1.03 0.00	47.92 -1.40 0.00	48.85 -0.97 0.00	41.83 -1.36 0.00	36.33 -1.00 0.00	39.84 -1.33 0.00
OSWEGATCHIE___HYD 24044	40.75 -0.45 0.00	34.09 -0.44 0.00	34.18 -0.45 0.00	32.03 -0.39 0.00	32.51 -0.27 0.00	34.16 -0.11 0.00	44.11 -0.17 0.00	49.14 -0.19 0.00	41.44 -0.06 0.00	39.28 -0.09 0.00	29.88 -0.15 0.00	30.51 -0.13 0.00	33.23 -0.25 0.00	38.52 -0.11 0.00	41.33 -0.02 0.00	54.29 0.49 0.00	62.26 1.61 0.00	60.10 2.05 0.00	57.17 1.87 0.00	50.93 1.61 0.00	51.40 1.59 0.00	44.44 1.26 0.00	38.40 1.08 0.00	42.30 1.14 0.00
OSWEGO___5 23606	40.02 -1.18 0.00	33.57 -0.96 0.00	33.71 -0.93 0.00	31.56 -0.85 0.00	31.93 -0.85 0.00	33.31 -0.97 0.00	43.14 -1.15 0.00	48.04 -1.29 0.00	40.30 -1.20 0.00	38.25 -1.12 0.00	29.15 -0.90 0.00	29.71 -0.93 0.00	32.42 -1.07 0.00	37.35 -1.27 0.00	40.05 -1.30 0.00	52.14 -1.66 0.00	58.73 -1.92 0.00	56.25 -1.80 0.00	53.69 -1.60 0.00	47.87 -1.45 0.00	48.39 -1.43 0.00	41.89 -1.29 0.00	36.25 -1.08 0.00	39.96 -1.20 0.00
OSWEGO___6 23613	40.02 -1.18 0.00	33.57 -0.96 0.00	33.71 -0.93 0.00	31.56 -0.85 0.00	31.93 -0.85 0.00	33.31 -0.97 0.00	43.14 -1.15 0.00	48.04 -1.29 0.00	40.30 -1.20 0.00	38.25 -1.12 0.00	29.15 -0.90 0.00	29.71 -0.93 0.00	32.42 -1.07 0.00	37.35 -1.27 0.00	40.05 -1.30 0.00	52.14 -1.66 0.00	58.73 -1.92 0.00	56.25 -1.80 0.00	53.69 -1.60 0.00	47.87 -1.45 0.00	48.39 -1.43 0.00	41.89 -1.29 0.00	36.25 -1.08 0.00	39.96 -1.20 0.00

OUTOKUMPU-AB___DRP 24206	37.96 -3.24 0.00	31.96 -2.57 0.00	32.70 -1.93 0.00	30.57 -1.85 0.00	31.21 -1.58 0.00	32.76 -1.52 0.00	42.17 -2.11 0.00	46.88 -2.45 0.00	40.00 -1.49 0.00	38.65 -0.72 0.00	29.84 -0.20 0.00	30.52 -0.12 0.00	33.23 -0.26 0.00	38.66 0.04 0.00	41.52 0.17 0.00	53.56 -0.24 0.00	59.23 -1.42 0.00	56.83 -1.22 0.00	54.06 -1.23 0.00	47.82 -1.51 0.00	48.66 -1.16 0.00	41.85 -1.33 0.00	36.33 -1.00 0.00	39.90 -1.27 0.00
OXBOW___BTM 323836	37.66 -3.53 0.00	31.73 -2.80 0.00	32.49 -2.15 0.00	30.36 -2.05 0.00	30.97 -1.81 0.00	32.50 -1.78 0.00	41.76 -2.52 0.00	46.39 -2.94 0.00	39.58 -1.92 0.00	38.26 -1.11 0.00	29.56 -0.48 0.00	30.22 -0.42 0.00	32.91 -0.58 0.00	38.28 -0.34 0.00	41.10 -0.25 0.00	53.00 -0.80 0.00	58.58 -2.07 0.00	56.20 -1.86 0.00	53.46 -1.83 0.00	47.31 -2.01 0.00	48.14 -1.68 0.00	41.47 -1.71 0.00	36.02 -1.30 0.00	39.58 -1.59 0.00
OXBOW___ 24026	37.65 -3.54 0.00	31.73 -2.80 0.00	32.49 -2.15 0.00	30.36 -2.05 0.00	30.98 -1.81 0.00	32.50 -1.78 0.00	41.76 -2.52 0.00	46.39 -2.94 0.00	39.59 -1.91 0.00	38.25 -1.12 0.00	29.56 -0.48 0.00	30.22 -0.42 0.00	32.91 -0.58 0.00	38.28 -0.34 0.00	41.10 -0.25 0.00	53.00 -0.80 0.00	58.58 -2.07 0.00	56.20 -1.85 0.00	53.47 -1.82 0.00	47.30 -2.02 0.00	48.14 -1.68 0.00	41.48 -1.70 0.00	36.02 -1.31 0.00	39.58 -1.59 0.00
OXY_CHEM_DSASP 323612	37.44 -3.76 0.00	31.58 -2.95 0.00	32.36 -2.28 0.00	30.25 -2.17 0.00	30.84 -1.94 0.00	32.32 -1.96 0.00	41.47 -2.81 0.00	46.02 -3.31 0.00	39.28 -2.22 0.00	37.97 -1.40 0.00	29.34 -0.69 0.00	30.00 -0.63 0.00	32.68 -0.81 0.00	37.99 -0.63 0.00	40.78 -0.57 0.00	52.55 -1.26 0.00	58.07 -2.58 0.00	55.67 -2.38 0.00	52.97 -2.33 0.00	46.89 -2.44 0.00	47.71 -2.11 0.00	41.19 -1.99 0.00	35.79 -1.53 0.00	39.35 -1.82 0.00
OZONE_PARK_ESR 323760	43.54 2.35 0.00	36.42 1.89 0.00	36.33 1.70 0.00	33.97 1.55 0.00	34.21 1.43 0.00	35.83 1.56 0.00	46.40 2.12 0.00	51.70 2.36 0.00	43.40 1.90 0.00	41.07 1.70 0.00	31.60 1.56 0.00	32.37 1.73 0.00	35.41 1.92 0.00	40.86 2.24 0.00	43.65 2.30 0.00	56.43 2.63 0.00	63.23 2.58 0.00	60.48 2.43 0.00	57.57 2.28 0.00	51.39 2.07 0.00	51.97 2.15 0.00	45.23 2.05 0.00	39.05 1.73 0.00	42.91 1.74 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	37.44 -3.76 0.00	31.58 -2.95 0.00	32.36 -2.28 0.00	30.25 -2.17 0.00	30.84 -1.94 0.00	32.32 -1.96 0.00	41.47 -2.81 0.00	46.02 -3.31 0.00	39.28 -2.22 0.00	37.97 -1.40 0.00	29.34 -0.69 0.00	30.00 -0.63 0.00	32.68 -0.81 0.00	37.99 -0.63 0.00	40.78 -0.57 0.00	52.55 -1.26 0.00	58.07 -2.58 0.00	55.67 -2.38 0.00	52.97 -2.33 0.00	46.89 -2.44 0.00	47.71 -2.11 0.00	41.19 -1.99 0.00	35.79 -1.53 0.00	39.35 -1.82 0.00
PACKARD___115KV_DUPONT_184 80571	37.45 -3.75 0.00	31.58 -2.95 0.00	32.36 -2.28 0.00	30.25 -2.17 0.00	30.84 -1.94 0.00	32.32 -1.96 0.00	41.47 -2.82 0.00	46.02 -3.31 0.00	39.27 -2.23 0.00	37.97 -1.40 0.00	29.34 -0.70 0.00	30.00 -0.63 0.00	32.68 -0.81 0.00	37.99 -0.63 0.00	40.78 -0.57 0.00	52.55 -1.26 0.00	58.06 -2.59 0.00	55.67 -2.38 0.00	52.97 -2.33 0.00	46.89 -2.44 0.00	47.71 -2.11 0.00	41.18 -2.00 0.00	35.79 -1.54 0.00	39.35 -1.82 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	43.15 1.96 0.00	36.19 1.66 0.00	36.07 1.44 0.00	33.76 1.35 0.00	34.00 1.21 0.00	35.62 1.34 0.00	46.06 1.78 0.00	51.32 1.99 0.00	43.15 1.65 0.00	40.75 1.38 0.00	31.32 1.28 0.00	32.07 1.43 0.00	35.07 1.58 0.00	40.49 1.87 0.00	43.22 1.87 0.00	55.82 2.02 0.00	62.57 1.91 0.00	59.89 1.84 0.00	57.01 1.72 0.00	50.93 1.61 0.00	51.52 1.70 0.00	44.90 1.72 0.00	38.72 1.40 0.00	42.58 1.42 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	43.87 2.68 0.00	36.75 2.22 0.00	36.64 2.01 0.00	34.34 1.93 0.00	34.66 1.88 0.00	36.39 2.11 0.00	46.96 2.67 0.00	52.31 2.98 0.00	43.99 2.49 0.00	41.54 2.17 0.00	31.97 1.93 0.00	32.74 2.10 0.00	35.78 2.29 0.00	41.31 2.70 0.00	44.10 2.74 0.00	56.98 3.18 0.00	63.85 3.20 0.00	61.11 3.06 0.00	58.15 2.86 0.00	51.92 2.60 0.00	52.51 2.70 0.00	45.69 2.50 0.00	39.43 2.11 0.00	43.32 2.15 0.00
PATROON___115KV_TB1 80586	41.94 0.75 0.00	35.24 0.71 0.00	35.22 0.59 0.00	32.98 0.57 0.00	33.35 0.56 0.00	34.87 0.60 0.00	44.98 0.69 0.00	49.94 0.61 0.00	41.98 0.49 0.00	39.69 0.32 0.00	30.30 0.26 0.00	30.89 0.25 0.00	33.81 0.32 0.00	38.91 0.29 0.00	41.57 0.22 0.00	54.04 0.24 0.00	61.04 0.38 0.00	58.28 0.23 0.00	55.44 0.15 0.00	49.50 0.18 0.00	49.91 0.09 0.00	43.43 0.25 0.00	37.52 0.19 0.00	41.42 0.25 0.00
PATTRSNVILLE___SOLAR 323815	42.06 0.87 0.00	35.25 0.72 0.00	35.32 0.69 0.00	33.05 0.63 0.00	33.42 0.64 0.00	34.95 0.67 0.00	45.19 0.90 0.00	50.30 0.97 0.00	42.04 0.54 0.00	39.60 0.23 0.00	30.11 0.07 0.00	30.75 0.11 0.00	33.62 0.13 0.00	38.65 0.03 0.00	41.39 0.03 0.00	54.19 0.39 0.00	61.74 1.09 0.00	59.25 1.20 0.00	56.27 0.98 0.00	50.15 0.83 0.00	50.65 0.83 0.00	43.92 0.73 0.00	37.93 0.61 0.00	41.86 0.69 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	38.09 -3.10 0.00	32.01 -2.52 0.00	32.68 -1.95 0.00	30.55 -1.87 0.00	31.17 -1.61 0.00	32.78 -1.50 0.00	42.34 -1.94 0.00	47.20 -2.13 0.00	40.24 -1.26 0.00	38.86 -0.51 0.00	29.94 -0.10 0.00	30.64 0.00 0.00	33.36 -0.13 0.00	38.72 0.10 0.00	41.61 0.26 0.00	53.75 -0.06 0.00	59.43 -1.22 0.00	57.08 -0.97 0.00	54.34 -0.95 0.00	47.98 -1.34 0.00	48.88 -0.94 0.00	41.87 -1.31 0.00	36.34 -0.99 0.00	39.87 -1.30 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	43.16 1.96 0.00	36.09 1.56 0.00	36.03 1.40 0.00	33.70 1.28 0.00	33.97 1.19 0.00	35.58 1.31 0.00	46.08 1.80 0.00	51.34 2.01 0.00	43.10 1.60 0.00	40.75 1.38 0.00	31.29 1.25 0.00	32.01 1.38 0.00	35.04 1.55 0.00	40.42 1.80 0.00	43.22 1.87 0.00	56.03 2.23 0.00	62.92 2.27 0.00	60.22 2.17 0.00	57.32 2.03 0.00	51.13 1.81 0.00	51.66 1.85 0.00	44.87 1.69 0.00	38.72 1.40 0.00	42.58 1.41 0.00
PEEKSKILL___ 23653	42.81 1.62 0.00	35.80 1.27 0.00	35.74 1.11 0.00	33.43 1.01 0.00	33.69 0.90 0.00	35.28 1.00 0.00	45.68 1.40 0.00	50.84 1.51 0.00	42.67 1.17 0.00	40.39 1.02 0.00	31.02 0.98 0.00	31.75 1.11 0.00	34.76 1.27 0.00	40.11 1.49 0.00	42.85 1.50 0.00	55.45 1.65 0.00	62.23 1.58 0.00	59.51 1.45 0.00	56.64 1.35 0.00	50.51 1.19 0.00	51.06 1.24 0.00	44.38 1.20 0.00	38.33 1.00 0.00	42.16 0.99 0.00
PGE MADISON___WINDPWR 24146	41.47 0.28 0.00	35.18 0.65 0.00	35.69 1.06 0.00	33.49 1.08 0.00	33.81 1.02 0.00	34.89 0.61 0.00	45.19 0.91 0.00	51.05 1.72 0.00	42.50 1.01 0.00	40.69 1.32 0.00	30.99 0.95 0.00	31.62 0.98 0.00	34.61 1.12 0.00	40.12 1.50 0.00	43.62 2.27 0.00	57.84 4.04 0.00	65.90 5.25 0.00	63.33 5.28 0.00	60.15 4.86 0.00	53.43 4.10 0.00	54.00 4.18 0.00	46.56 3.38 0.00	40.16 2.84 0.00	44.02 2.85 0.00

PIERCEFIELD___HYD 23852	41.92 0.72 0.00	35.04 0.51 0.00	35.22 0.58 0.00	32.93 0.51 0.00	33.38 0.59 0.00	35.02 0.74 0.00	45.06 0.78 0.00	50.35 1.02 0.00	42.49 0.99 0.00	40.34 0.97 0.00	30.73 0.69 0.00	31.35 0.71 0.00	34.20 0.71 0.00	39.63 1.01 0.00	42.53 1.18 0.00	55.41 1.61 0.00	63.15 2.50 0.00	60.79 2.73 0.00	57.86 2.57 0.00	51.59 2.27 0.00	52.04 2.22 0.00	45.02 1.84 0.00	38.88 1.55 0.00	42.84 1.67 0.00
PINELAWN_CC_1 323563	43.35 2.15 0.00	36.18 1.65 0.00	36.05 1.42 0.00	33.64 1.23 0.00	33.77 0.98 0.00	36.03 0.96 -0.79	46.85 1.54 -1.02	51.29 1.96 0.00	43.16 1.66 0.00	40.59 1.22 0.00	31.29 1.25 0.00	32.06 1.42 0.00	35.20 1.71 0.00	40.43 1.81 0.00	43.33 1.99 0.00	56.28 2.46 -0.02	66.42 2.58 -3.19	88.81 2.42 -28.34	96.36 2.35 -38.71	55.33 2.13 -3.88	54.35 2.16 -2.37	46.58 2.01 -1.39	39.09 1.76 0.00	42.97 1.80 0.00
PJM_GEN_HTTP_PROXY 323702	43.18 1.99 0.00	36.12 1.59 0.00	36.05 1.42 0.00	33.71 1.29 0.00	33.96 1.17 0.00	35.56 1.29 0.00	44.34 1.76 1.71	51.27 1.94 0.00	43.03 1.53 0.00	40.71 1.34 0.00	31.44 1.28 -0.12	32.07 1.43 0.00	35.10 1.61 0.00	40.49 1.87 0.00	43.25 1.90 0.00	55.91 2.11 0.00	62.63 1.98 0.00	59.88 1.83 0.00	57.00 1.70 0.00	50.50 1.57 0.39	51.45 1.63 0.00	44.79 1.60 0.00	38.68 1.35 0.00	42.53 1.36 0.00
PJM_GEN_KEystone 24065	37.50 -1.05 2.65	33.62 -0.91 0.00	33.87 -0.76 0.00	31.66 -0.75 0.00	32.05 -0.73 0.00	33.67 -0.61 0.00	41.83 -0.74 1.71	48.52 -0.81 0.00	40.93 -0.57 0.00	39.05 -0.31 0.00	30.15 -0.01 -0.12	30.73 0.10 0.00	33.56 0.07 0.00	38.80 0.18 0.00	41.52 0.17 0.00	53.01 -0.11 0.67	59.83 -0.82 0.00	57.60 -0.71 -0.26	54.60 -0.69 0.00	46.43 -0.92 1.97	49.17 -0.64 0.00	42.40 -0.79 0.00	34.63 -0.60 2.09	25.32 -0.81 15.04
PJM_GEN_NEPTUNE_PROXY 323594	43.04 1.85 0.00	35.96 1.43 0.00	35.84 1.21 0.00	33.46 1.04 0.00	33.63 0.84 0.00	35.09 0.82 0.00	43.84 1.27 1.71	50.89 1.56 0.00	42.80 1.30 0.00	40.34 0.97 0.00	31.24 1.08 -0.12	31.91 1.27 0.00	35.00 1.51 0.00	40.22 1.60 0.00	43.07 1.72 0.00	55.77 1.97 0.00	63.62 1.90 -1.07	73.53 1.78 -13.70	81.30 1.72 -24.29	50.53 1.58 0.38	51.39 1.57 0.00	44.71 1.53 0.00	38.70 1.37 0.00	42.55 1.38 0.00
PJM_GEN_VFT_PROXY 323633	43.07 1.88 0.00	36.03 1.51 0.00	35.95 1.32 0.00	33.62 1.21 0.00	33.88 1.09 0.00	35.48 1.21 0.00	44.22 1.64 1.71	51.11 1.78 0.00	42.91 1.41 0.00	40.61 1.24 0.00	31.36 1.20 -0.12	32.00 1.36 0.00	35.02 1.53 0.00	40.41 1.78 0.00	43.14 1.79 0.00	55.74 1.93 0.00	62.44 1.79 0.00	59.68 1.62 0.00	56.81 1.52 0.00	50.32 1.38 0.39	51.30 1.49 0.00	44.68 1.50 0.00	38.60 1.27 0.00	42.42 1.25 0.00
PLATSBURG_115KV_PMLD1 355749	41.06 -0.14 0.00	34.30 -0.23 0.00	34.45 -0.18 0.00	32.10 -0.32 0.00	32.50 -0.29 0.00	34.11 -0.17 0.00	43.92 -0.37 0.00	49.34 0.01 0.00	41.98 0.48 0.00	39.83 0.46 0.00	30.16 0.13 0.00	30.81 0.17 0.00	33.72 0.23 0.00	39.20 0.58 0.00	42.13 0.78 0.00	54.92 1.12 0.00	62.31 1.66 0.00	59.85 1.80 0.00	56.94 1.65 0.00	50.95 1.63 0.00	51.40 1.59 0.00	44.58 1.40 0.00	38.51 1.19 0.00	42.46 1.29 0.00
PLEASANTVLY___LBMP 24000	42.61 1.42 0.00	35.64 1.11 0.00	35.59 0.96 0.00	33.29 0.88 0.00	33.57 0.79 0.00	35.15 0.87 0.00	45.48 1.20 0.00	50.63 1.30 0.00	42.51 1.01 0.00	40.22 0.85 0.00	30.87 0.83 0.00	31.58 0.95 0.00	34.57 1.08 0.00	39.88 1.26 0.00	42.61 1.26 0.00	55.18 1.38 0.00	61.94 1.29 0.00	59.21 1.16 0.00	56.37 1.08 0.00	50.30 0.98 0.00	50.84 1.02 0.00	44.19 1.01 0.00	38.16 0.84 0.00	42.01 0.84 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	42.96 1.77 0.00	35.94 1.41 0.00	35.87 1.24 0.00	33.55 1.13 0.00	33.82 1.03 0.00	35.40 1.13 0.00	45.83 1.54 0.00	51.04 1.71 0.00	42.86 1.36 0.00	40.55 1.18 0.00	31.14 1.11 0.00	31.87 1.24 0.00	34.90 1.41 0.00	40.25 1.64 0.00	43.01 1.66 0.00	55.67 1.87 0.00	62.43 1.78 0.00	59.70 1.65 0.00	56.83 1.54 0.00	50.71 1.38 0.00	51.26 1.44 0.00	44.59 1.42 0.00	38.50 1.17 0.00	42.36 1.19 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	42.96 1.77 0.00	35.94 1.41 0.00	35.87 1.24 0.00	33.55 1.13 0.00	33.82 1.03 0.00	35.40 1.13 0.00	45.83 1.54 0.00	51.04 1.71 0.00	42.86 1.36 0.00	40.55 1.18 0.00	31.14 1.11 0.00	31.87 1.24 0.00	34.90 1.41 0.00	40.25 1.64 0.00	43.01 1.66 0.00	55.67 1.87 0.00	62.43 1.78 0.00	59.70 1.65 0.00	56.83 1.54 0.00	50.71 1.38 0.00	51.26 1.44 0.00	44.59 1.42 0.00	38.50 1.17 0.00	42.36 1.19 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	42.91 1.72 0.00	35.91 1.38 0.00	35.85 1.22 0.00	33.53 1.12 0.00	33.83 1.05 0.00	35.43 1.15 0.00	45.86 1.58 0.00	51.06 1.73 0.00	42.85 1.35 0.00	40.49 1.12 0.00	31.05 1.01 0.00	31.76 1.12 0.00	34.74 1.25 0.00	40.08 1.45 0.00	42.87 1.51 0.00	55.64 1.84 0.00	62.54 1.89 0.00	59.85 1.79 0.00	56.97 1.68 0.00	50.83 1.51 0.00	51.33 1.52 0.00	44.60 1.42 0.00	38.49 1.17 0.00	42.36 1.19 0.00
POLETTI_____ 23519	43.07 1.88 0.00	36.13 1.60 0.00	36.00 1.36 0.00	33.71 1.29 0.00	33.94 1.16 0.00	35.56 1.28 0.00	45.97 1.69 0.00	51.21 1.88 0.00	43.04 1.55 0.00	40.66 1.29 0.00	31.30 1.26 0.00	32.05 1.42 0.00	35.03 1.55 0.00	40.45 1.83 0.00	43.19 1.84 0.00	55.76 1.95 0.00	62.48 1.83 0.00	59.80 1.75 0.00	56.94 1.65 0.00	50.86 1.54 0.00	51.43 1.61 0.00	44.76 1.58 0.00	38.57 1.25 0.00	42.39 1.23 0.00
POMONA___ESR 323819	42.86 1.66 0.00	35.84 1.31 0.00	35.78 1.15 0.00	33.47 1.05 0.00	33.72 0.94 0.00	35.33 1.05 0.00	45.74 1.46 0.00	50.90 1.57 0.00	42.72 1.22 0.00	40.44 1.08 0.00	31.07 1.03 0.00	31.80 1.16 0.00	34.82 1.33 0.00	40.18 1.57 0.00	42.93 1.57 0.00	55.56 1.75 0.00	62.34 1.69 0.00	59.58 1.53 0.00	56.72 1.43 0.00	50.57 1.25 0.00	51.12 1.31 0.00	44.43 1.25 0.00	38.37 1.04 0.00	42.21 1.04 0.00
PORT_JEFF_3 23555	43.27 2.08 0.00	36.12 1.59 0.00	35.98 1.35 0.00	33.58 1.16 0.00	33.69 0.91 0.00	39.67 0.82 -4.58	51.55 1.35 -5.91	51.21 1.88 0.00	43.12 1.62 0.00	40.51 1.14 0.00	31.28 1.24 0.00	32.05 1.42 0.00	35.18 1.70 0.00	40.41 1.79 0.00	43.33 1.98 0.00	56.42 2.50 -0.13	78.22 2.63 -14.94	300.47 2.53 -239.89	259.13 2.38 -201.46	116.36 2.22 -64.83	83.79 2.21 -31.76	60.32 2.06 -15.07	39.17 1.85 0.00	43.05 1.88 0.00
PORT_JEFF_4 23616	43.27 2.08 0.00	36.12 1.59 0.00	35.98 1.35 0.00	33.58 1.16 0.00	33.69 0.91 0.00	39.67 0.82 -4.58	51.55 1.35 -5.91	51.21 1.88 0.00	43.12 1.62 0.00	40.51 1.14 0.00	31.28 1.24 0.00	32.05 1.42 0.00	35.18 1.70 0.00	40.41 1.79 0.00	43.33 1.98 0.00	56.42 2.50 -0.13	78.22 2.63 -14.94	300.47 2.53 -239.89	259.13 2.38 -201.46	116.36 2.22 -64.83	83.79 2.21 -31.76	60.32 2.06 -15.07	39.17 1.85 0.00	43.05 1.88 0.00

PORT_JEFF_IC 23713	43.31 2.12 0.00	36.15 1.62 0.00	36.00 1.37 0.00	33.60 1.18 0.00	33.70 0.92 0.00	38.87 0.84 -3.76	50.51 1.36 -4.86	51.25 1.92 0.00	43.15 1.66 0.00	40.55 1.18 0.00	31.31 1.27 0.00	32.08 1.44 0.00	35.21 1.73 0.00	40.43 1.81 0.00	43.37 2.02 0.00	56.48 2.57 -0.10	76.74 2.72 -13.38	309.46 2.63 -248.78	266.03 2.47 -208.27	118.09 2.31 -66.46	83.80 2.27 -31.71	59.88 2.13 -14.57	39.23 1.90 0.00	43.09 1.92 0.00
PPL PILGRIM_ST_GT1 24216	43.43 2.24 0.00	36.27 1.74 0.00	36.12 1.49 0.00	33.67 1.26 0.00	33.80 1.02 0.00	39.32 1.05 -4.00	51.26 1.81 -5.17	51.56 2.22 0.00	43.39 1.89 0.00	40.80 1.43 0.00	31.48 1.44 0.00	32.28 1.64 0.00	35.45 1.96 0.00	40.68 2.06 0.00	43.62 2.27 0.00	56.80 2.89 -0.11	73.89 2.99 -10.25	107.71 2.64 -47.03	110.36 2.71 -52.35	63.90 2.38 -12.20	61.19 2.55 -8.82	51.33 2.36 -5.80	39.34 2.02 0.00	43.27 2.10 0.00
PPL PILGRIM_ST_GT2 24217	43.43 2.24 0.00	36.27 1.74 0.00	36.12 1.49 0.00	33.67 1.26 0.00	33.80 1.02 0.00	39.32 1.05 -4.00	51.26 1.81 -5.17	51.56 2.22 0.00	43.39 1.89 0.00	40.80 1.43 0.00	31.48 1.44 0.00	32.28 1.64 0.00	35.45 1.96 0.00	40.68 2.06 0.00	43.62 2.27 0.00	56.80 2.89 -0.11	73.89 2.99 -10.25	107.71 2.64 -47.03	110.36 2.71 -52.35	63.90 2.38 -12.20	61.19 2.55 -8.82	51.33 2.36 -5.80	39.34 2.02 0.00	43.27 2.10 0.00
PPL_SHRM_GT3 24213	43.28 2.09 0.00	36.11 1.58 0.00	35.96 1.33 0.00	33.59 1.17 0.00	33.67 0.89 0.00	39.42 0.79 -4.35	51.25 1.34 -5.63	51.36 2.03 0.00	43.27 1.78 0.00	40.56 1.19 0.00	31.34 1.30 0.00	32.10 1.46 0.00	35.22 1.73 0.00	40.49 1.87 0.00	43.48 2.13 0.00	56.74 2.82 -0.12	78.16 3.07 -14.43	298.91 3.04 -237.82	258.00 2.86 -199.85	116.02 2.65 -64.05	83.67 2.62 -31.23	60.34 2.43 -14.74	39.47 2.14 0.00	43.34 2.16 0.00
PPL_SHRM_GT4 24214	43.28 2.09 0.00	36.11 1.58 0.00	35.96 1.33 0.00	33.59 1.17 0.00	33.67 0.89 0.00	39.42 0.79 -4.35	51.25 1.34 -5.63	51.36 2.03 0.00	43.27 1.78 0.00	40.56 1.19 0.00	31.34 1.30 0.00	32.10 1.46 0.00	35.22 1.73 0.00	40.49 1.87 0.00	43.48 2.13 0.00	56.74 2.82 -0.12	78.16 3.07 -14.43	298.91 3.04 -237.82	258.00 2.86 -199.85	116.02 2.65 -64.05	83.67 2.62 -31.23	60.34 2.43 -14.74	39.47 2.14 0.00	43.34 2.16 0.00
PROJECT___ORANGE 1 24174	40.41 -0.78 0.00	33.89 -0.64 0.00	34.03 -0.60 0.00	31.87 -0.54 0.00	32.25 -0.53 0.00	33.66 -0.62 0.00	43.60 -0.69 0.00	48.60 -0.73 0.00	41.02 -0.48 0.00	38.95 -0.42 0.00	29.70 -0.34 0.00	30.26 -0.38 0.00	32.99 -0.50 0.00	38.03 -0.59 0.00	40.81 -0.54 0.00	53.18 -0.62 0.00	59.86 -0.79 0.00	57.40 -0.65 0.00	54.45 -0.84 0.00	48.42 -0.90 0.00	48.93 -0.89 0.00	42.34 -0.84 0.00	36.63 -0.69 0.00	40.36 -0.81 0.00
PROJECT___ORANGE 2 24166	40.41 -0.78 0.00	33.89 -0.64 0.00	34.03 -0.60 0.00	31.87 -0.54 0.00	32.25 -0.53 0.00	33.66 -0.62 0.00	43.60 -0.69 0.00	48.60 -0.73 0.00	41.02 -0.48 0.00	38.95 -0.42 0.00	29.70 -0.34 0.00	30.26 -0.38 0.00	32.99 -0.50 0.00	38.03 -0.59 0.00	40.81 -0.54 0.00	53.18 -0.62 0.00	59.86 -0.79 0.00	57.40 -0.65 0.00	54.45 -0.84 0.00	48.42 -0.90 0.00	48.93 -0.89 0.00	42.34 -0.84 0.00	36.63 -0.69 0.00	40.36 -0.81 0.00
PUCKETT___SOLAR 323809	40.99 -0.20 0.00	34.38 -0.14 0.00	34.62 -0.01 0.00	32.42 0.00 0.00	32.83 0.05 0.00	34.29 0.01 0.00	44.33 0.04 0.00	49.01 -0.32 0.00	41.27 -0.23 0.00	39.22 -0.14 0.00	30.03 -0.01 0.00	30.64 0.00 0.00	33.45 -0.04 0.00	38.61 -0.01 0.00	41.42 0.07 0.00	53.88 0.08 0.00	60.44 -0.21 0.00	57.93 -0.12 0.00	55.09 -0.21 0.00	48.96 -0.36 0.00	49.59 -0.23 0.00	42.83 -0.36 0.00	37.07 -0.26 0.00	40.79 -0.38 0.00
PYRITES___HYD 24023	42.66 1.46 0.00	35.64 1.11 0.00	35.83 1.20 0.00	33.51 1.09 0.00	33.97 1.18 0.00	35.66 1.38 0.00	45.86 1.58 0.00	51.26 1.93 0.00	43.04 1.55 0.00	40.74 1.37 0.00	31.07 1.03 0.00	31.70 1.06 0.00	34.48 1.00 0.00	39.97 1.35 0.00	43.04 1.69 0.00	55.91 2.11 0.00	64.04 3.39 0.00	61.87 3.82 0.00	58.89 3.60 0.00	52.47 3.14 0.00	52.93 3.11 0.00	45.74 2.56 0.00	39.49 2.17 0.00	43.51 2.34 0.00
QUAKERRD_115KV_BK1 80622	38.67 -2.53 0.00	32.48 -2.05 0.00	32.86 -1.77 0.00	30.75 -1.67 0.00	31.21 -1.58 0.00	32.66 -1.62 0.00	42.28 -2.00 0.00	47.09 -2.24 0.00	39.91 -1.59 0.00	38.18 -1.19 0.00	29.25 -0.79 0.00	29.82 -0.82 0.00	32.51 -0.98 0.00	37.64 -0.98 0.00	40.48 -0.87 0.00	52.54 -1.26 0.00	58.80 -1.86 0.00	56.40 -1.65 0.00	53.52 -1.77 0.00	47.49 -1.83 0.00	48.08 -1.74 0.00	41.46 -1.72 0.00	35.83 -1.49 0.00	39.41 -1.76 0.00
QUENSBRY_115KV_TB8 356137	42.56 1.36 0.00	35.73 1.20 0.00	35.79 1.16 0.00	33.53 1.12 0.00	33.99 1.21 0.00	35.55 1.28 0.00	46.01 1.73 0.00	51.15 1.83 0.00	43.07 1.57 0.00	40.33 0.96 0.00	30.53 0.49 0.00	31.11 0.47 0.00	34.10 0.61 0.00	39.12 0.50 0.00	41.91 0.56 0.00	55.12 1.32 0.00	62.68 2.03 0.00	60.14 2.09 0.00	57.09 1.80 0.00	50.72 1.40 0.00	51.14 1.32 0.00	44.58 1.40 0.00	38.53 1.21 0.00	42.75 1.58 0.00
RAMAPO___LBMP 323565	42.70 1.51 0.00	35.71 1.18 0.00	35.65 1.02 0.00	33.35 0.94 0.00	33.61 0.83 0.00	35.21 0.93 0.00	45.59 1.30 0.00	50.71 1.38 0.00	42.56 1.06 0.00	40.30 0.93 0.00	30.94 0.90 0.00	31.67 1.03 0.00	34.68 1.19 0.00	40.02 1.40 0.00	42.73 1.38 0.00	55.31 1.50 0.00	62.09 1.44 0.00	59.35 1.30 0.00	56.49 1.20 0.00	50.36 1.04 0.00	50.91 1.09 0.00	44.25 1.06 0.00	38.21 0.89 0.00	42.05 0.88 0.00
RANKINE____ 23646	37.99 -3.21 0.00	31.96 -2.57 0.00	32.67 -1.97 0.00	30.55 -1.87 0.00	31.21 -1.57 0.00	32.82 -1.45 0.00	42.39 -1.90 0.00	47.22 -2.11 0.00	40.29 -1.21 0.00	38.93 -0.44 0.00	30.02 -0.02 0.00	30.71 0.07 0.00	33.44 -0.05 0.00	38.86 0.23 0.00	41.74 0.40 0.00	53.90 0.10 0.00	59.59 -1.06 0.00	57.22 -0.83 0.00	54.45 -0.84 0.00	48.10 -1.22 0.00	48.99 -0.82 0.00	41.99 -1.20 0.00	36.45 -0.88 0.00	40.02 -1.15 0.00
RAVENSWOOD_GT2_1 24244	43.22 2.02 0.00	36.16 1.63 0.00	36.08 1.45 0.00	33.74 1.33 0.00	33.99 1.21 0.00	35.60 1.33 0.00	46.08 1.79 0.00	51.32 1.99 0.00	43.09 1.60 0.00	40.76 1.39 0.00	31.36 1.32 0.00	32.12 1.49 0.00	35.15 1.66 0.00	40.55 1.93 0.00	43.31 1.96 0.00	55.98 2.18 0.00	62.71 2.06 0.00	59.97 1.92 0.00	57.08 1.79 0.00	50.97 1.64 0.00	51.55 1.73 0.00	44.89 1.71 0.00	38.76 1.43 0.00	42.62 1.45 0.00
RAVENSWOOD_GT2_2 24245	43.22 2.02 0.00	36.16 1.63 0.00	36.08 1.45 0.00	33.74 1.33 0.00	33.99 1.21 0.00	35.60 1.33 0.00	46.08 1.79 0.00	51.32 1.99 0.00	43.09 1.60 0.00	40.76 1.39 0.00	31.36 1.32 0.00	32.12 1.49 0.00	35.15 1.66 0.00	40.55 1.93 0.00	43.31 1.96 0.00	55.98 2.18 0.00	62.71 2.06 0.00	59.97 1.92 0.00	57.08 1.79 0.00	50.97 1.64 0.00	51.55 1.73 0.00	44.89 1.71 0.00	38.76 1.43 0.00	42.62 1.45 0.00



RAVENSWOOD_GT2_3 24246	43.25 2.05 0.00	36.18 1.65 0.00	36.09 1.46 0.00	33.76 1.34 0.00	34.00 1.22 0.00	35.62 1.34 0.00	46.11 1.82 0.00	51.35 2.02 0.00	43.10 1.61 0.00	40.79 1.42 0.00	31.38 1.34 0.00	32.13 1.49 0.00	35.17 1.68 0.00	40.57 1.95 0.00	43.33 1.98 0.00	56.01 2.20 0.00	62.75 2.10 0.00	60.00 1.94 0.00	57.11 1.82 0.00	51.00 1.68 0.00	51.57 1.76 0.00	44.91 1.73 0.00	38.78 1.46 0.00	42.63 1.46 0.00
RAVENSWOOD_GT2_4 24247	43.25 2.05 0.00	36.18 1.65 0.00	36.09 1.46 0.00	33.76 1.34 0.00	34.00 1.22 0.00	35.62 1.34 0.00	46.11 1.82 0.00	51.35 2.02 0.00	43.10 1.61 0.00	40.79 1.42 0.00	31.38 1.34 0.00	32.13 1.49 0.00	35.17 1.68 0.00	40.57 1.95 0.00	43.33 1.98 0.00	56.01 2.20 0.00	62.75 2.10 0.00	60.00 1.94 0.00	57.11 1.82 0.00	51.00 1.68 0.00	51.57 1.76 0.00	44.91 1.73 0.00	38.78 1.46 0.00	42.63 1.46 0.00
RAVENSWOOD_GT3_1 24248	43.22 2.03 0.00	36.16 1.63 0.00	36.08 1.45 0.00	33.74 1.33 0.00	33.99 1.21 0.00	35.60 1.33 0.00	46.08 1.79 0.00	51.32 1.99 0.00	43.09 1.60 0.00	40.76 1.39 0.00	31.36 1.32 0.00	32.12 1.49 0.00	35.15 1.66 0.00	40.55 1.93 0.00	43.31 1.96 0.00	55.98 2.18 0.00	62.71 2.06 0.00	59.97 1.92 0.00	57.08 1.79 0.00	50.97 1.65 0.00	51.55 1.73 0.00	44.89 1.71 0.00	38.76 1.43 0.00	42.62 1.45 0.00
RAVENSWOOD_GT3_2 24249	43.22 2.03 0.00	36.16 1.63 0.00	36.08 1.45 0.00	33.74 1.33 0.00	33.99 1.21 0.00	35.60 1.33 0.00	46.08 1.79 0.00	51.32 1.99 0.00	43.09 1.60 0.00	40.76 1.39 0.00	31.36 1.32 0.00	32.12 1.49 0.00	35.15 1.66 0.00	40.55 1.93 0.00	43.31 1.96 0.00	55.98 2.18 0.00	62.71 2.06 0.00	59.97 1.92 0.00	57.08 1.79 0.00	50.97 1.65 0.00	51.55 1.73 0.00	44.89 1.71 0.00	38.76 1.43 0.00	42.62 1.45 0.00
RAVENSWOOD_GT3_3 24250	43.28 2.09 0.00	36.21 1.68 0.00	36.12 1.49 0.00	33.78 1.37 0.00	34.04 1.25 0.00	35.64 1.37 0.00	46.15 1.86 0.00	51.40 2.07 0.00	43.15 1.66 0.00	40.82 1.46 0.00	31.41 1.37 0.00	32.17 1.53 0.00	35.20 1.71 0.00	40.61 1.99 0.00	43.38 2.03 0.00	56.07 2.26 0.00	62.81 2.16 0.00	60.06 2.01 0.00	57.18 1.88 0.00	51.05 1.73 0.00	51.63 1.81 0.00	44.95 1.77 0.00	38.82 1.49 0.00	42.67 1.50 0.00
RAVENSWOOD_GT3_4 24251	43.28 2.09 0.00	36.21 1.68 0.00	36.12 1.49 0.00	33.78 1.37 0.00	34.04 1.25 0.00	35.64 1.37 0.00	46.15 1.86 0.00	51.40 2.07 0.00	43.15 1.66 0.00	40.82 1.46 0.00	31.41 1.37 0.00	32.17 1.53 0.00	35.20 1.71 0.00	40.61 1.99 0.00	43.38 2.03 0.00	56.07 2.26 0.00	62.81 2.16 0.00	60.06 2.01 0.00	57.18 1.88 0.00	51.05 1.73 0.00	51.63 1.81 0.00	44.95 1.77 0.00	38.82 1.49 0.00	42.67 1.50 0.00
RAVENSWOOD_GT_1 23729	43.25 2.06 0.00	36.22 1.69 0.00	36.12 1.48 0.00	33.79 1.38 0.00	34.04 1.25 0.00	35.66 1.38 0.00	46.13 1.85 0.00	51.38 2.05 0.00	43.18 1.69 0.00	40.81 1.44 0.00	31.42 1.39 0.00	32.19 1.55 0.00	35.21 1.72 0.00	40.63 2.01 0.00	43.38 2.03 0.00	55.97 2.17 0.00	62.59 1.94 0.00	59.89 1.84 0.00	57.00 1.71 0.00	50.96 1.64 0.00	51.55 1.73 0.00	44.95 1.77 0.00	38.80 1.48 0.00	42.67 1.50 0.00
RAVENSWOOD_GT_10 24258	43.22 2.03 0.00	36.16 1.63 0.00	36.08 1.45 0.00	33.74 1.33 0.00	33.99 1.21 0.00	35.60 1.33 0.00	46.08 1.80 0.00	51.32 1.99 0.00	43.09 1.60 0.00	40.76 1.39 0.00	31.36 1.32 0.00	32.12 1.48 0.00	35.14 1.65 0.00	40.55 1.93 0.00	43.31 1.96 0.00	55.98 2.18 0.00	62.72 2.07 0.00	59.98 1.92 0.00	57.09 1.79 0.00	50.97 1.65 0.00	51.55 1.74 0.00	44.89 1.71 0.00	38.76 1.43 0.00	42.62 1.45 0.00
RAVENSWOOD_GT_11 24259	43.22 2.03 0.00	36.16 1.63 0.00	36.08 1.45 0.00	33.74 1.33 0.00	33.99 1.21 0.00	35.60 1.33 0.00	46.08 1.80 0.00	51.32 1.99 0.00	43.09 1.60 0.00	40.76 1.39 0.00	31.36 1.32 0.00	32.12 1.48 0.00	35.14 1.65 0.00	40.55 1.93 0.00	43.31 1.96 0.00	55.98 2.18 0.00	62.72 2.07 0.00	59.98 1.92 0.00	57.09 1.79 0.00	50.97 1.65 0.00	51.55 1.74 0.00	44.89 1.71 0.00	38.76 1.43 0.00	42.62 1.45 0.00
RAVENSWOOD_GT_4 24252	43.21 2.02 0.00	36.17 1.64 0.00	36.08 1.45 0.00	33.75 1.34 0.00	33.99 1.21 0.00	35.61 1.33 0.00	46.08 1.80 0.00	51.31 1.98 0.00	43.10 1.60 0.00	40.76 1.39 0.00	31.37 1.33 0.00	32.13 1.49 0.00	35.15 1.66 0.00	40.56 1.94 0.00	43.31 1.96 0.00	55.96 2.15 0.00	62.67 2.01 0.00	59.93 1.88 0.00	57.04 1.75 0.00	50.96 1.64 0.00	51.54 1.72 0.00	44.90 1.72 0.00	38.76 1.43 0.00	42.62 1.45 0.00
RAVENSWOOD_GT_5 24254	43.21 2.02 0.00	36.17 1.64 0.00	36.08 1.45 0.00	33.75 1.34 0.00	33.99 1.21 0.00	35.61 1.33 0.00	46.08 1.80 0.00	51.31 1.98 0.00	43.10 1.60 0.00	40.76 1.39 0.00	31.37 1.33 0.00	32.13 1.49 0.00	35.15 1.66 0.00	40.56 1.94 0.00	43.31 1.96 0.00	55.96 2.15 0.00	62.67 2.01 0.00	59.93 1.88 0.00	57.04 1.75 0.00	50.96 1.64 0.00	51.54 1.72 0.00	44.90 1.72 0.00	38.76 1.43 0.00	42.62 1.45 0.00
RAVENSWOOD_GT_6 24253	43.21 2.02 0.00	36.17 1.64 0.00	36.08 1.45 0.00	33.75 1.34 0.00	33.99 1.21 0.00	35.61 1.33 0.00	46.08 1.80 0.00	51.31 1.98 0.00	43.10 1.60 0.00	40.76 1.39 0.00	31.37 1.33 0.00	32.13 1.49 0.00	35.15 1.66 0.00	40.56 1.94 0.00	43.31 1.96 0.00	55.96 2.15 0.00	62.67 2.01 0.00	59.93 1.88 0.00	57.04 1.75 0.00	50.96 1.64 0.00	51.54 1.72 0.00	44.90 1.72 0.00	38.76 1.43 0.00	42.62 1.45 0.00
RAVENSWOOD_GT_7 24255	43.21 2.02 0.00	36.17 1.64 0.00	36.08 1.45 0.00	33.75 1.34 0.00	33.99 1.21 0.00	35.61 1.33 0.00	46.08 1.80 0.00	51.31 1.98 0.00	43.10 1.60 0.00	40.76 1.39 0.00	31.37 1.33 0.00	32.13 1.49 0.00	35.15 1.66 0.00	40.56 1.94 0.00	43.31 1.96 0.00	55.96 2.15 0.00	62.67 2.01 0.00	59.93 1.88 0.00	57.04 1.75 0.00	50.96 1.64 0.00	51.54 1.72 0.00	44.90 1.72 0.00	38.76 1.43 0.00	42.62 1.45 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.22 2.03 0.00	36.16 1.63 0.00	36.08 1.45 0.00	33.74 1.33 0.00	33.99 1.21 0.00	35.60 1.33 0.00	46.08 1.80 0.00	51.32 1.99 0.00	43.09 1.60 0.00	40.76 1.39 0.00	31.36 1.32 0.00	32.12 1.48 0.00	35.14 1.65 0.00	40.55 1.93 0.00	43.31 1.96 0.00	55.98 2.18 0.00	62.72 2.07 0.00	59.98 1.92 0.00	57.09 1.79 0.00	50.97 1.65 0.00	51.55 1.74 0.00	44.89 1.71 0.00	38.76 1.43 0.00	42.62 1.45 0.00
RAVENSWOOD_GT_9 24257	43.22 2.03 0.00	36.16 1.63 0.00	36.08 1.45 0.00	33.74 1.33 0.00	33.99 1.21 0.00	35.60 1.33 0.00	46.08 1.80 0.00	51.32 1.99 0.00	43.09 1.60 0.00	40.76 1.39 0.00	31.36 1.32 0.00	32.12 1.48 0.00	35.14 1.65 0.00	40.55 1.93 0.00	43.31 1.96 0.00	55.98 2.18 0.00	62.72 2.07 0.00	59.98 1.92 0.00	57.09 1.79 0.00	50.97 1.65 0.00	51.55 1.74 0.00	44.89 1.71 0.00	38.76 1.43 0.00	42.62 1.45 0.00

RAVENSWOOD___1 23533	43.23 2.04 0.00	36.20 1.67 0.00	36.10 1.47 0.00	33.77 1.36 0.00	34.02 1.24 0.00	35.64 1.36 0.00	46.11 1.82 0.00	51.34 2.01 0.00	43.16 1.66 0.00	40.80 1.43 0.00	31.41 1.38 0.00	32.18 1.54 0.00	35.18 1.70 0.00	40.60 1.98 0.00	43.36 2.01 0.00	55.95 2.15 0.00	62.59 1.93 0.00	59.87 1.82 0.00	57.00 1.71 0.00	50.95 1.63 0.00	51.53 1.72 0.00	44.93 1.75 0.00	38.79 1.46 0.00	42.64 1.47 0.00
RAVENSWOOD___2 23534	43.21 2.02 0.00	36.18 1.65 0.00	36.08 1.45 0.00	33.76 1.34 0.00	34.00 1.21 0.00	35.62 1.34 0.00	46.09 1.81 0.00	51.32 1.99 0.00	43.13 1.63 0.00	40.76 1.39 0.00	31.39 1.35 0.00	32.15 1.52 0.00	35.17 1.68 0.00	40.58 1.96 0.00	43.33 1.98 0.00	55.92 2.12 0.00	62.58 1.93 0.00	59.86 1.81 0.00	57.00 1.71 0.00	50.94 1.61 0.00	51.51 1.69 0.00	44.91 1.73 0.00	38.76 1.44 0.00	42.62 1.45 0.00
RAVENSWOOD___3 23535	43.22 2.03 0.00	36.16 1.63 0.00	36.08 1.45 0.00	33.75 1.33 0.00	33.99 1.21 0.00	35.60 1.33 0.00	46.09 1.80 0.00	51.32 1.99 0.00	43.10 1.60 0.00	40.76 1.39 0.00	31.36 1.32 0.00	32.12 1.49 0.00	35.15 1.66 0.00	40.55 1.93 0.00	43.31 1.96 0.00	55.98 2.18 0.00	62.71 2.06 0.00	59.97 1.92 0.00	57.08 1.79 0.00	50.97 1.65 0.00	51.55 1.73 0.00	44.90 1.72 0.00	38.76 1.43 0.00	42.62 1.45 0.00
RAVENSWOOD___4 23820	43.21 2.02 0.00	36.18 1.65 0.00	36.08 1.45 0.00	33.76 1.34 0.00	34.00 1.21 0.00	35.62 1.34 0.00	46.09 1.81 0.00	51.32 1.99 0.00	43.13 1.63 0.00	40.76 1.39 0.00	31.39 1.35 0.00	32.15 1.52 0.00	35.17 1.68 0.00	40.58 1.96 0.00	43.33 1.98 0.00	55.92 2.12 0.00	62.58 1.93 0.00	59.86 1.81 0.00	57.00 1.71 0.00	50.94 1.61 0.00	51.51 1.69 0.00	44.91 1.73 0.00	38.76 1.44 0.00	42.62 1.45 0.00
RCPL_TRUST___DRP 24196	43.25 2.06 0.00	36.17 1.65 0.00	36.10 1.46 0.00	33.76 1.34 0.00	34.00 1.22 0.00	35.61 1.33 0.00	46.10 1.81 0.00	51.34 2.01 0.00	43.09 1.59 0.00	40.76 1.39 0.00	31.36 1.32 0.00	32.12 1.49 0.00	35.15 1.66 0.00	40.55 1.93 0.00	43.31 1.96 0.00	55.98 2.18 0.00	62.70 2.05 0.00	59.95 1.89 0.00	57.06 1.77 0.00	50.94 1.62 0.00	51.51 1.69 0.00	44.85 1.67 0.00	38.72 1.40 0.00	42.57 1.40 0.00
RED___ROCHESTER 323720	39.59 -1.61 0.00	33.23 -1.30 0.00	33.70 -0.93 0.00	31.51 -0.90 0.00	32.01 -0.77 0.00	33.51 -0.77 0.00	43.37 -0.91 0.00	48.29 -1.04 0.00	40.95 -0.55 0.00	39.31 -0.06 0.00	30.15 0.11 0.00	30.76 0.12 0.00	33.53 0.05 0.00	38.91 0.29 0.00	41.84 0.49 0.00	54.23 0.43 0.00	60.57 -0.08 0.00	58.14 0.09 0.00	55.23 -0.06 0.00	48.96 -0.36 0.00	49.62 -0.20 0.00	42.72 -0.46 0.00	36.93 -0.39 0.00	40.58 -0.59 0.00
REGAN___SOLAR 323812	42.41 1.22 0.00	35.53 1.00 0.00	35.62 0.99 0.00	33.32 0.91 0.00	33.70 0.92 0.00	35.23 0.95 0.00	45.61 1.32 0.00	50.85 1.52 0.00	42.09 0.59 0.00	39.17 -0.20 0.00	29.80 -0.24 0.00	30.51 -0.13 0.00	33.34 -0.15 0.00	37.99 -0.63 0.00	40.77 -0.58 0.00	54.15 0.34 0.00	62.59 1.94 0.00	60.32 2.27 0.00	57.17 1.88 0.00	50.90 1.58 0.00	51.38 1.57 0.00	44.48 1.30 0.00	38.41 1.09 0.00	42.30 1.13 0.00
RENSSELAER___COGEN 23796	41.74 0.55 0.00	35.07 0.54 0.00	35.05 0.42 0.00	32.82 0.41 0.00	33.18 0.40 0.00	34.70 0.43 0.00	44.75 0.46 0.00	49.68 0.35 0.00	41.77 0.27 0.00	39.49 0.12 0.00	30.14 0.10 0.00	30.74 0.10 0.00	33.65 0.16 0.00	38.71 0.09 0.00	41.34 -0.01 0.00	53.69 -0.11 0.00	60.63 -0.02 0.00	57.92 -0.13 0.00	55.10 -0.19 0.00	49.22 -0.10 0.00	49.64 -0.18 0.00	43.20 0.02 0.00	37.32 0.00 0.00	41.22 0.04 0.00
REPUBLIC_115KV_BARTNBK 55605	43.82 2.63 0.00	36.87 2.34 0.00	37.15 2.51 0.00	34.78 2.37 0.00	35.41 2.62 0.00	36.93 2.66 0.00	47.85 3.57 0.00	53.31 3.98 0.00	45.30 3.81 0.00	42.03 2.66 0.00	31.57 1.53 0.00	32.15 1.51 0.00	35.57 2.09 0.00	40.63 2.01 0.00	43.48 2.13 0.00	57.78 3.98 0.00	66.30 5.65 0.00	63.96 5.91 0.00	60.65 5.36 0.00	53.44 4.12 0.00	53.68 3.86 0.00	46.91 3.73 0.00	40.95 3.63 0.00	45.33 4.16 0.00
REVERE_CPPR_DRP 24186	41.83 0.63 0.00	35.07 0.54 0.00	35.18 0.54 0.00	32.96 0.55 0.00	33.39 0.60 0.00	34.99 0.72 0.00	45.40 1.12 0.00	50.51 1.18 0.00	42.50 1.01 0.00	40.28 0.91 0.00	30.69 0.65 0.00	31.20 0.56 0.00	33.94 0.45 0.00	39.03 0.41 0.00	41.80 0.45 0.00	55.01 1.21 0.00	62.75 2.10 0.00	60.27 2.21 0.00	57.27 1.98 0.00	50.96 1.63 0.00	51.45 1.63 0.00	44.50 1.32 0.00	38.43 1.10 0.00	42.26 1.09 0.00
REYNLDPA_13_KV_LD 356490	41.89 0.70 0.00	35.06 0.52 0.00	35.25 0.62 0.00	32.96 0.55 0.00	33.37 0.59 0.00	34.96 0.68 0.00	44.95 0.66 0.00	50.21 0.87 0.00	42.37 0.88 0.00	40.32 0.95 0.00	30.74 0.70 0.00	31.34 0.70 0.00	34.26 0.78 0.00	39.63 1.02 0.00	42.44 1.09 0.00	55.24 1.44 0.00	62.44 1.79 0.00	59.85 1.80 0.00	56.97 1.68 0.00	50.81 1.49 0.00	51.27 1.46 0.00	44.40 1.22 0.00	38.37 1.04 0.00	42.31 1.14 0.00
REYNOLDS_115KV_TB3 80639	41.93 0.73 0.00	35.22 0.68 0.00	35.20 0.56 0.00	32.96 0.54 0.00	33.33 0.54 0.00	34.86 0.58 0.00	44.95 0.66 0.00	49.88 0.54 0.00	41.90 0.40 0.00	39.61 0.24 0.00	30.21 0.16 0.00	30.79 0.15 0.00	33.75 0.26 0.00	38.82 0.20 0.00	41.43 0.08 0.00	53.83 0.03 0.00	60.80 0.15 0.00	58.03 -0.02 0.00	55.19 -0.10 0.00	49.30 -0.02 0.00	49.73 -0.09 0.00	43.29 0.10 0.00	37.38 0.05 0.00	41.35 0.18 0.00
RIVERBAY____ 323610	43.87 2.68 0.00	36.75 2.22 0.00	36.64 2.01 0.00	34.34 1.93 0.00	34.66 1.88 0.00	36.39 2.11 0.00	46.96 2.67 0.00	52.31 2.98 0.00	43.99 2.49 0.00	41.54 2.17 0.00	31.97 1.93 0.00	32.74 2.10 0.00	35.78 2.29 0.00	41.31 2.70 0.00	44.10 2.74 0.00	56.98 3.18 0.00	63.85 3.20 0.00	61.11 3.06 0.00	58.15 2.86 0.00	51.92 2.60 0.00	52.51 2.70 0.00	45.69 2.50 0.00	39.43 2.11 0.00	43.32 2.15 0.00
RIVERSDE_115KV_TB3 55908	41.87 0.68 0.00	35.17 0.64 0.00	35.15 0.52 0.00	32.91 0.50 0.00	33.28 0.49 0.00	34.80 0.53 0.00	44.88 0.60 0.00	49.82 0.49 0.00	41.87 0.38 0.00	39.59 0.22 0.00	30.21 0.16 0.00	30.79 0.15 0.00	33.72 0.23 0.00	38.79 0.17 0.00	41.43 0.08 0.00	53.83 0.03 0.00	60.80 0.15 0.00	58.05 0.00 0.00	55.23 -0.07 0.00	49.31 -0.01 0.00	49.74 -0.08 0.00	43.29 0.11 0.00	37.39 0.07 0.00	41.33 0.16 0.00
ROARING___BROOK_WT_PWR 323790	40.16 -1.04 0.00	33.62 -0.91 0.00	33.70 -0.93 0.00	31.67 -0.75 0.00	32.08 -0.71 0.00	33.67 -0.60 0.00	43.63 -0.66 0.00	48.57 -0.77 0.00	41.09 -0.41 0.00	39.17 -0.20 0.00	29.91 -0.13 0.00	30.49 -0.15 0.00	33.29 -0.20 0.00	38.49 -0.13 0.00	41.24 -0.11 0.00	53.80 0.00 0.00	60.87 0.22 0.00	58.34 0.29 0.00	55.57 0.28 0.00	49.57 0.25 0.00	50.07 0.25 0.00	43.40 0.22 0.00	37.51 0.18 0.00	41.37 0.20 0.00

ROCHESRG_115KV_T4 355643	39.24 -1.96 0.00	32.95 -1.58 0.00	33.43 -1.20 0.00	31.26 -1.15 0.00	31.76 -1.02 0.00	33.24 -1.04 0.00	43.01 -1.28 0.00	47.88 -1.46 0.00	40.60 -0.90 0.00	38.93 -0.44 0.00	29.88 -0.16 0.00	30.48 -0.16 0.00	33.22 -0.27 0.00	38.52 -0.10 0.00	41.40 0.04 0.00	53.64 -0.16 0.00	59.88 -0.77 0.00	57.44 -0.62 0.00	54.57 -0.72 0.00	48.40 -0.92 0.00	49.05 -0.77 0.00	42.27 -0.92 0.00	36.56 -0.76 0.00	40.21 -0.96 0.00
ROCHESTER_9_IC 23652	39.43 -1.77 0.00	33.11 -1.42 0.00	33.59 -1.05 0.00	31.41 -1.01 0.00	31.91 -0.88 0.00	33.40 -0.88 0.00	43.22 -1.07 0.00	48.11 -1.22 0.00	40.80 -0.70 0.00	39.14 -0.23 0.00	30.03 -0.01 0.00	30.64 0.00 0.00	33.40 -0.09 0.00	38.75 0.13 0.00	41.64 0.29 0.00	53.98 0.17 0.00	60.26 -0.39 0.00	57.82 -0.23 0.00	54.93 -0.36 0.00	48.70 -0.62 0.00	49.37 -0.45 0.00	42.51 -0.67 0.00	36.77 -0.56 0.00	40.41 -0.76 0.00
ROCKVIEW_13_KV_LD 356306	43.16 1.97 0.00	36.09 1.56 0.00	36.02 1.38 0.00	33.68 1.27 0.00	33.94 1.16 0.00	35.55 1.27 0.00	46.03 1.74 0.00	51.27 1.94 0.00	43.05 1.55 0.00	40.74 1.37 0.00	31.30 1.26 0.00	32.05 1.41 0.00	35.09 1.60 0.00	40.48 1.86 0.00	43.24 1.89 0.00	55.95 2.15 0.00	62.70 2.05 0.00	59.97 1.92 0.00	57.08 1.79 0.00	50.94 1.62 0.00	51.49 1.67 0.00	44.79 1.61 0.00	38.67 1.35 0.00	42.53 1.36 0.00
ROME____115KV_TB2 80656	41.83 0.63 0.00	35.07 0.54 0.00	35.18 0.54 0.00	32.96 0.55 0.00	33.39 0.60 0.00	34.99 0.72 0.00	45.40 1.12 0.00	50.51 1.18 0.00	42.50 1.01 0.00	40.28 0.91 0.00	30.69 0.65 0.00	31.20 0.56 0.00	33.94 0.45 0.00	39.03 0.41 0.00	41.80 0.45 0.00	55.01 1.21 0.00	62.75 2.10 0.00	60.27 2.21 0.00	57.27 1.98 0.00	50.96 1.63 0.00	51.45 1.63 0.00	44.50 1.32 0.00	38.43 1.10 0.00	42.26 1.09 0.00
ROSETON___1 23587	42.61 1.42 0.00	35.64 1.11 0.00	35.60 0.97 0.00	33.30 0.89 0.00	33.58 0.80 0.00	35.16 0.88 0.00	45.50 1.22 0.00	50.65 1.32 0.00	42.52 1.02 0.00	40.23 0.86 0.00	30.88 0.84 0.00	31.59 0.96 0.00	34.58 1.09 0.00	39.89 1.27 0.00	42.62 1.27 0.00	55.21 1.41 0.00	61.99 1.34 0.00	59.27 1.21 0.00	56.41 1.12 0.00	50.34 1.01 0.00	50.86 1.05 0.00	44.22 1.04 0.00	38.18 0.86 0.00	42.03 0.86 0.00
ROSETON___2 23588	42.61 1.42 0.00	35.64 1.11 0.00	35.60 0.97 0.00	33.30 0.89 0.00	33.58 0.80 0.00	35.16 0.88 0.00	45.50 1.22 0.00	50.65 1.32 0.00	42.52 1.02 0.00	40.23 0.86 0.00	30.88 0.84 0.00	31.59 0.96 0.00	34.58 1.09 0.00	39.89 1.27 0.00	42.62 1.27 0.00	55.21 1.41 0.00	61.99 1.34 0.00	59.27 1.21 0.00	56.41 1.12 0.00	50.34 1.01 0.00	50.86 1.05 0.00	44.22 1.04 0.00	38.18 0.86 0.00	42.03 0.86 0.00
ROTRRDAM_115KV_TB3 80664	42.03 0.84 0.00	35.24 0.71 0.00	35.27 0.64 0.00	33.01 0.60 0.00	33.39 0.60 0.00	34.92 0.64 0.00	45.15 0.86 0.00	50.21 0.88 0.00	42.14 0.65 0.00	39.81 0.44 0.00	30.33 0.28 0.00	30.93 0.30 0.00	33.85 0.36 0.00	38.97 0.35 0.00	41.70 0.35 0.00	54.36 0.56 0.00	61.46 0.81 0.00	58.82 0.77 0.00	55.95 0.65 0.00	49.91 0.58 0.00	50.38 0.57 0.00	43.77 0.58 0.00	37.79 0.47 0.00	41.75 0.58 0.00
RUSSELL___1 23602	39.58 -1.61 0.00	33.23 -1.30 0.00	33.70 -0.93 0.00	31.51 -0.90 0.00	32.01 -0.77 0.00	33.51 -0.76 0.00	43.38 -0.91 0.00	48.30 -1.03 0.00	40.96 -0.54 0.00	39.31 -0.06 0.00	30.15 0.11 0.00	30.76 0.12 0.00	33.54 0.05 0.00	38.91 0.29 0.00	41.84 0.49 0.00	54.23 0.43 0.00	60.57 -0.08 0.00	58.14 0.09 0.00	55.23 -0.06 0.00	48.97 -0.36 0.00	49.62 -0.20 0.00	42.71 -0.47 0.00	36.93 -0.39 0.00	40.58 -0.59 0.00
RUSSELL___2 23532	39.58 -1.61 0.00	33.23 -1.30 0.00	33.70 -0.93 0.00	31.51 -0.90 0.00	32.01 -0.77 0.00	33.51 -0.76 0.00	43.38 -0.91 0.00	48.30 -1.03 0.00	40.96 -0.54 0.00	39.31 -0.06 0.00	30.15 0.11 0.00	30.76 0.12 0.00	33.54 0.05 0.00	38.91 0.29 0.00	41.84 0.49 0.00	54.23 0.43 0.00	60.57 -0.08 0.00	58.14 0.09 0.00	55.23 -0.06 0.00	48.97 -0.36 0.00	49.62 -0.20 0.00	42.71 -0.47 0.00	36.93 -0.39 0.00	40.58 -0.59 0.00
RUSSELL___3 23549	39.58 -1.61 0.00	33.23 -1.30 0.00	33.70 -0.93 0.00	31.51 -0.90 0.00	32.01 -0.77 0.00	33.51 -0.76 0.00	43.38 -0.91 0.00	48.30 -1.03 0.00	40.96 -0.54 0.00	39.31 -0.06 0.00	30.15 0.11 0.00	30.76 0.12 0.00	33.54 0.05 0.00	38.91 0.29 0.00	41.84 0.49 0.00	54.23 0.43 0.00	60.57 -0.08 0.00	58.14 0.09 0.00	55.23 -0.06 0.00	48.97 -0.36 0.00	49.62 -0.20 0.00	42.71 -0.47 0.00	36.93 -0.39 0.00	40.58 -0.59 0.00
RUSSELL___4 23556	39.58 -1.61 0.00	33.23 -1.30 0.00	33.70 -0.93 0.00	31.51 -0.90 0.00	32.01 -0.77 0.00	33.51 -0.76 0.00	43.38 -0.91 0.00	48.30 -1.03 0.00	40.96 -0.54 0.00	39.31 -0.06 0.00	30.15 0.11 0.00	30.76 0.12 0.00	33.54 0.05 0.00	38.91 0.29 0.00	41.84 0.49 0.00	54.23 0.43 0.00	60.57 -0.08 0.00	58.14 0.09 0.00	55.23 -0.06 0.00	48.97 -0.36 0.00	49.62 -0.20 0.00	42.71 -0.47 0.00	36.93 -0.39 0.00	40.58 -0.59 0.00
RUSSELL___STATION 23914	39.58 -1.61 0.00	33.23 -1.30 0.00	33.70 -0.93 0.00	31.51 -0.90 0.00	32.01 -0.77 0.00	33.51 -0.76 0.00	43.38 -0.91 0.00	48.30 -1.03 0.00	40.96 -0.54 0.00	39.31 -0.06 0.00	30.15 0.11 0.00	30.76 0.12 0.00	33.54 0.05 0.00	38.91 0.29 0.00	41.84 0.49 0.00	54.23 0.43 0.00	60.57 -0.08 0.00	58.14 0.09 0.00	55.23 -0.06 0.00	48.97 -0.36 0.00	49.62 -0.20 0.00	42.71 -0.47 0.00	36.93 -0.39 0.00	40.58 -0.59 0.00
S SALMON___HYD 24043	40.02 -1.17 0.00	33.55 -0.98 0.00	33.58 -1.05 0.00	31.47 -0.95 0.00	31.91 -0.87 0.00	33.34 -0.94 0.00	43.16 -1.13 0.00	48.04 -1.29 0.00	40.45 -1.05 0.00	38.37 -1.00 0.00	29.20 -0.84 0.00	29.76 -0.88 0.00	32.37 -1.12 0.00	37.42 -1.20 0.00	40.18 -1.17 0.00	52.67 -1.13 0.00	59.84 -0.81 0.00	57.60 -0.45 0.00	54.81 -0.48 0.00	48.89 -0.43 0.00	49.39 -0.43 0.00	42.77 -0.41 0.00	36.97 -0.36 0.00	40.78 -0.39 0.00
S.PERRY__115KV_TB1 80734	39.63 -1.56 0.00	33.23 -1.30 0.00	33.72 -0.91 0.00	31.52 -0.89 0.00	32.09 -0.70 0.00	33.84 -0.43 0.00	43.97 -0.31 0.00	49.17 -0.16 0.00	41.84 0.34 0.00	40.37 1.00 0.00	30.84 0.80 0.00	31.45 0.81 0.00	34.35 0.86 0.00	40.05 1.43 0.00	43.14 1.79 0.00	55.93 2.13 0.00	62.36 1.71 0.00	59.90 1.84 0.00	57.04 1.75 0.00	50.43 1.11 0.00	51.21 1.40 0.00	43.86 0.68 0.00	37.95 0.63 0.00	41.57 0.40 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	37.86 -3.34 0.00	31.88 -2.64 0.00	32.61 -2.02 0.00	30.49 -1.92 0.00	31.12 -1.67 0.00	32.67 -1.61 0.00	42.14 -2.14 0.00	46.89 -2.45 0.00	40.00 -1.50 0.00	38.65 -0.72 0.00	29.83 -0.20 0.00	30.51 -0.13 0.00	33.23 -0.26 0.00	38.62 0.00 0.00	41.46 0.11 0.00	53.49 -0.32 0.00	59.15 -1.51 0.00	56.76 -1.29 0.00	54.00 -1.30 0.00	47.75 -1.57 0.00	48.60 -1.22 0.00	41.73 -1.45 0.00	36.22 -1.11 0.00	39.78 -1.39 0.00

SAWYER___23_KV_LOAD 55526	37.86 -3.34 0.00	31.88 -2.64 0.00	32.61 -2.02 0.00	30.49 -1.92 0.00	31.12 -1.67 0.00	32.67 -1.61 0.00	42.14 -2.14 0.00	46.89 -2.45 0.00	40.00 -1.50 0.00	38.65 -0.72 0.00	29.83 -0.20 0.00	30.51 -0.13 0.00	33.23 -0.26 0.00	38.62 0.00 0.00	41.46 0.11 0.00	53.49 -0.32 0.00	59.15 -1.51 0.00	56.76 -1.29 0.00	54.00 -1.30 0.00	47.75 -1.57 0.00	48.60 -1.22 0.00	41.73 -1.45 0.00	36.22 -1.11 0.00	39.78 -1.39 0.00
SELKIRK___I 23801	41.91 0.71 0.00	35.18 0.65 0.00	35.20 0.57 0.00	32.95 0.54 0.00	33.31 0.53 0.00	34.84 0.56 0.00	44.96 0.68 0.00	49.96 0.62 0.00	41.97 0.48 0.00	39.67 0.30 0.00	30.24 0.20 0.00	30.86 0.22 0.00	33.75 0.27 0.00	38.85 0.23 0.00	41.53 0.17 0.00	54.02 0.22 0.00	61.03 0.37 0.00	58.30 0.25 0.00	55.50 0.21 0.00	49.56 0.23 0.00	50.02 0.20 0.00	43.49 0.30 0.00	37.56 0.24 0.00	41.48 0.31 0.00
SELKIRK___II 23799	41.81 0.62 0.00	35.09 0.56 0.00	35.10 0.46 0.00	32.85 0.44 0.00	33.21 0.42 0.00	34.73 0.45 0.00	44.82 0.53 0.00	49.80 0.47 0.00	41.86 0.37 0.00	39.59 0.22 0.00	30.22 0.18 0.00	30.84 0.20 0.00	33.75 0.26 0.00	38.85 0.23 0.00	41.51 0.16 0.00	53.91 0.10 0.00	60.84 0.19 0.00	58.12 0.07 0.00	55.33 0.04 0.00	49.40 0.08 0.00	49.85 0.04 0.00	43.35 0.17 0.00	37.45 0.13 0.00	41.35 0.18 0.00
SENECA OSWGO___HYD 24041	40.04 -1.15 0.00	33.59 -0.94 0.00	33.73 -0.91 0.00	31.58 -0.84 0.00	31.96 -0.83 0.00	33.33 -0.95 0.00	43.16 -1.13 0.00	48.09 -1.24 0.00	40.37 -1.13 0.00	38.34 -1.03 0.00	29.19 -0.85 0.00	29.75 -0.89 0.00	32.45 -1.04 0.00	37.38 -1.24 0.00	40.14 -1.21 0.00	52.33 -1.47 0.00	58.94 -1.71 0.00	56.52 -1.53 0.00	53.83 -1.46 0.00	47.96 -1.36 0.00	48.46 -1.36 0.00	41.95 -1.23 0.00	36.29 -1.03 0.00	40.00 -1.17 0.00
SENECA___115KV_TB3 355854	38.05 -3.14 0.00	32.01 -2.52 0.00	32.71 -1.92 0.00	30.60 -1.82 0.00	31.26 -1.53 0.00	32.87 -1.40 0.00	42.46 -1.83 0.00	47.29 -2.05 0.00	40.33 -1.17 0.00	38.99 -0.38 0.00	30.06 0.02 0.00	30.76 0.12 0.00	33.49 0.00 0.00	38.92 0.30 0.00	41.81 0.46 0.00	53.98 0.18 0.00	59.69 -0.96 0.00	57.32 -0.73 0.00	54.54 -0.76 0.00	48.18 -1.14 0.00	49.07 -0.75 0.00	42.05 -1.13 0.00	36.51 -0.81 0.00	40.07 -1.10 0.00
SENECA___ENERGY 23797	40.22 -0.97 0.00	33.76 -0.77 0.00	34.00 -0.64 0.00	31.83 -0.58 0.00	32.22 -0.57 0.00	33.66 -0.62 0.00	43.70 -0.59 0.00	48.70 -0.63 0.00	41.63 0.13 0.00	39.61 0.24 0.00	30.20 0.16 0.00	30.77 0.13 0.00	33.47 -0.02 0.00	38.73 0.10 0.00	41.75 0.40 0.00	54.33 0.53 0.00	61.14 0.49 0.00	58.80 0.75 0.00	55.18 -0.11 0.00	48.86 -0.47 0.00	49.39 -0.43 0.00	42.66 -0.53 0.00	36.87 -0.46 0.00	40.51 -0.66 0.00
SHOEMAKER___GT 23640	42.56 1.36 0.00	35.61 1.08 0.00	35.57 0.94 0.00	33.27 0.86 0.00	33.57 0.79 0.00	35.15 0.87 0.00	45.51 1.23 0.00	50.65 1.32 0.00	42.48 0.99 0.00	40.14 0.77 0.00	30.77 0.73 0.00	31.46 0.82 0.00	34.43 0.94 0.00	39.73 1.11 0.00	42.48 1.13 0.00	55.19 1.39 0.00	62.11 1.46 0.00	59.42 1.36 0.00	56.57 1.27 0.00	50.44 1.11 0.00	50.97 1.16 0.00	44.26 1.08 0.00	38.21 0.88 0.00	42.06 0.89 0.00
SHOEMAKR_138KV_BK 111 55601	42.54 1.35 0.00	35.59 1.06 0.00	35.57 0.93 0.00	33.27 0.85 0.00	33.56 0.78 0.00	35.14 0.86 0.00	45.49 1.21 0.00	50.64 1.31 0.00	42.47 0.98 0.00	40.16 0.79 0.00	30.79 0.75 0.00	31.48 0.85 0.00	34.45 0.96 0.00	39.76 1.14 0.00	42.51 1.16 0.00	55.20 1.39 0.00	62.07 1.42 0.00	59.38 1.33 0.00	56.53 1.23 0.00	50.40 1.08 0.00	50.94 1.12 0.00	44.23 1.05 0.00	38.20 0.88 0.00	42.03 0.86 0.00
SHOREHAM_IC_1 23715	43.28 2.09 0.00	36.11 1.58 0.00	35.96 1.33 0.00	33.59 1.17 0.00	33.67 0.89 0.00	39.42 0.79 -4.35	51.25 1.34 -5.63	51.36 2.03 0.00	43.27 1.78 0.00	40.56 1.19 0.00	31.34 1.30 0.00	32.10 1.46 0.00	35.22 1.73 0.00	40.49 1.87 0.00	43.48 2.13 0.00	56.74 2.82 -0.12	78.16 3.07 -14.43	298.91 3.04 -237.82	258.00 2.86 -199.85	116.02 2.65 -64.05	83.67 2.62 -31.23	60.34 2.43 -14.74	39.47 2.14 0.00	43.34 2.16 0.00
SHOREHAM_IC_2 23716	43.28 2.09 0.00	36.11 1.58 0.00	35.96 1.32 0.00	33.59 1.17 0.00	33.67 0.89 0.00	39.42 0.79 -4.35	51.26 1.34 -5.63	51.36 2.03 0.00	43.27 1.77 0.00	40.56 1.19 0.00	31.34 1.30 0.00	32.10 1.46 0.00	35.22 1.73 0.00	40.49 1.87 0.00	43.48 2.13 0.00	56.74 2.82 -0.12	78.15 3.06 -14.43	298.91 3.04 -237.82	258.00 2.86 -199.85	116.02 2.64 -64.05	83.66 2.62 -31.23	60.34 2.43 -14.74	39.47 2.14 0.00	43.34 2.17 0.00
SISSONVILLE____ 23735	41.92 0.72 0.00	35.04 0.51 0.00	35.22 0.58 0.00	32.93 0.51 0.00	33.38 0.59 0.00	35.02 0.74 0.00	45.06 0.78 0.00	50.35 1.02 0.00	42.49 0.99 0.00	40.34 0.97 0.00	30.73 0.69 0.00	31.35 0.71 0.00	34.20 0.71 0.00	39.63 1.01 0.00	42.53 1.18 0.00	55.41 1.61 0.00	63.15 2.50 0.00	60.79 2.73 0.00	57.86 2.57 0.00	51.59 2.27 0.00	52.04 2.22 0.00	45.02 1.84 0.00	38.88 1.55 0.00	42.84 1.67 0.00
SITHE_IND_GS1 24169	39.76 -1.44 0.00	33.35 -1.18 0.00	33.49 -1.14 0.00	31.37 -1.05 0.00	31.72 -1.06 0.00	33.07 -1.21 0.00	42.83 -1.45 0.00	47.72 -1.62 0.00	40.11 -1.39 0.00	38.07 -1.30 0.00	29.00 -1.04 0.00	29.54 -1.10 0.00	32.23 -1.26 0.00	37.12 -1.50 0.00	39.80 -1.55 0.00	51.79 -2.01 0.00	58.31 -2.34 0.00	55.88 -2.17 0.00	53.23 -2.06 0.00	47.45 -1.87 0.00	47.95 -1.87 0.00	41.51 -1.67 0.00	35.93 -1.39 0.00	39.63 -1.54 0.00
SITHE_IND_GS2 24170	39.76 -1.44 0.00	33.35 -1.18 0.00	33.49 -1.14 0.00	31.37 -1.05 0.00	31.72 -1.06 0.00	33.07 -1.21 0.00	42.83 -1.45 0.00	47.72 -1.62 0.00	40.11 -1.39 0.00	38.07 -1.30 0.00	29.00 -1.04 0.00	29.54 -1.10 0.00	32.23 -1.26 0.00	37.12 -1.50 0.00	39.80 -1.55 0.00	51.79 -2.01 0.00	58.31 -2.34 0.00	55.88 -2.17 0.00	53.23 -2.06 0.00	47.45 -1.87 0.00	47.95 -1.87 0.00	41.51 -1.67 0.00	35.93 -1.39 0.00	39.63 -1.54 0.00
SITHE_IND_GS3 24171	39.76 -1.44 0.00	33.35 -1.18 0.00	33.49 -1.14 0.00	31.37 -1.05 0.00	31.72 -1.06 0.00	33.07 -1.21 0.00	42.83 -1.45 0.00	47.72 -1.62 0.00	40.11 -1.39 0.00	38.07 -1.30 0.00	29.00 -1.04 0.00	29.54 -1.10 0.00	32.23 -1.26 0.00	37.12 -1.50 0.00	39.80 -1.55 0.00	51.79 -2.01 0.00	58.31 -2.34 0.00	55.88 -2.17 0.00	53.23 -2.06 0.00	47.45 -1.87 0.00	47.95 -1.87 0.00	41.51 -1.67 0.00	35.93 -1.39 0.00	39.63 -1.54 0.00
SITHE_IND_GS4 24172	39.76 -1.44 0.00	33.35 -1.18 0.00	33.49 -1.14 0.00	31.37 -1.05 0.00	31.72 -1.06 0.00	33.07 -1.21 0.00	42.83 -1.45 0.00	47.72 -1.62 0.00	40.11 -1.39 0.00	38.07 -1.30 0.00	29.00 -1.04 0.00	29.54 -1.10 0.00	32.23 -1.26 0.00	37.12 -1.50 0.00	39.80 -1.55 0.00	51.79 -2.01 0.00	58.31 -2.34 0.00	55.88 -2.17 0.00	53.23 -2.06 0.00	47.45 -1.87 0.00	47.95 -1.87 0.00	41.51 -1.67 0.00	35.93 -1.39 0.00	39.63 -1.54 0.00

SITHE____BATAVIA 24024	39.13 -2.07 0.00	32.88 -1.65 0.00	33.53 -1.10 0.00	31.34 -1.08 0.00	31.95 -0.84 0.00	33.50 -0.78 0.00	43.32 -0.97 0.00	48.20 -1.13 0.00	40.96 -0.54 0.00	39.41 0.04 0.00	30.20 0.16 0.00	30.92 0.28 0.00	33.55 0.06 0.00	39.24 0.62 0.00	42.33 0.98 0.00	54.83 1.03 0.00	60.91 0.26 0.00	58.52 0.47 0.00	55.62 0.33 0.00	49.21 -0.11 0.00	49.95 0.13 0.00	42.87 -0.31 0.00	37.12 -0.20 0.00	40.74 -0.43 0.00
SITHE____INDEPEND 23800	39.75 -1.45 0.00	33.35 -1.18 0.00	33.49 -1.14 0.00	31.37 -1.05 0.00	31.72 -1.06 0.00	33.07 -1.20 0.00	42.83 -1.46 0.00	47.71 -1.62 0.00	40.11 -1.39 0.00	38.07 -1.30 0.00	29.00 -1.04 0.00	29.54 -1.10 0.00	32.23 -1.26 0.00	37.12 -1.50 0.00	39.80 -1.55 0.00	51.80 -2.01 0.00	58.31 -2.34 0.00	55.88 -2.17 0.00	53.23 -2.06 0.00	47.44 -1.88 0.00	47.94 -1.88 0.00	41.51 -1.67 0.00	35.93 -1.40 0.00	39.63 -1.54 0.00
SITHE____MASSENA 23902	42.03 0.83 0.00	35.16 0.63 0.00	35.34 0.71 0.00	33.06 0.64 0.00	33.47 0.68 0.00	35.06 0.79 0.00	45.09 0.80 0.00	50.37 1.04 0.00	42.50 1.00 0.00	40.43 1.06 0.00	30.82 0.77 0.00	31.42 0.79 0.00	34.33 0.85 0.00	39.73 1.11 0.00	42.58 1.23 0.00	55.39 1.59 0.00	62.73 2.07 0.00	60.16 2.11 0.00	57.28 1.98 0.00	51.09 1.77 0.00	51.56 1.74 0.00	44.62 1.44 0.00	38.55 1.23 0.00	42.51 1.35 0.00
SITHE____OGDNSBRG 24021	42.67 1.48 0.00	35.66 1.13 0.00	35.87 1.24 0.00	33.54 1.12 0.00	33.98 1.19 0.00	35.66 1.38 0.00	45.85 1.56 0.00	51.24 1.91 0.00	42.98 1.48 0.00	40.74 1.37 0.00	31.08 1.04 0.00	31.72 1.08 0.00	34.53 1.05 0.00	40.01 1.39 0.00	43.03 1.68 0.00	55.86 2.06 0.00	63.89 3.24 0.00	61.65 3.60 0.00	58.70 3.41 0.00	52.29 2.97 0.00	52.76 2.95 0.00	45.61 2.43 0.00	39.38 2.06 0.00	43.40 2.23 0.00
SITHE____STERLING 23777	41.67 0.48 0.00	34.96 0.43 0.00	35.11 0.47 0.00	32.87 0.46 0.00	33.28 0.50 0.00	34.86 0.59 0.00	45.20 0.92 0.00	50.34 1.01 0.00	42.34 0.85 0.00	40.16 0.79 0.00	30.61 0.57 0.00	31.13 0.50 0.00	33.88 0.39 0.00	38.90 0.28 0.00	41.67 0.32 0.00	54.65 0.84 0.00	62.17 1.52 0.00	59.63 1.57 0.00	56.68 1.39 0.00	50.42 1.10 0.00	50.92 1.11 0.00	44.05 0.87 0.00	38.06 0.74 0.00	41.89 0.72 0.00
SLEIGHT__34_KV_TB1 80719	39.59 -1.60 0.00	33.23 -1.30 0.00	33.55 -1.08 0.00	31.40 -1.01 0.00	31.83 -0.96 0.00	33.31 -0.97 0.00	43.18 -1.10 0.00	48.11 -1.22 0.00	40.86 -0.64 0.00	39.00 -0.37 0.00	29.83 -0.21 0.00	30.36 -0.28 0.00	33.08 -0.40 0.00	38.25 -0.37 0.00	41.22 -0.13 0.00	53.64 -0.16 0.00	60.21 -0.45 0.00	57.80 -0.25 0.00	54.69 -0.61 0.00	48.48 -0.84 0.00	49.06 -0.76 0.00	42.30 -0.89 0.00	36.55 -0.78 0.00	40.15 -1.01 0.00
SMITHTWN_69_KV_BK 1 55830	43.36 2.16 0.00	36.19 1.66 0.00	36.04 1.41 0.00	33.63 1.22 0.00	33.73 0.94 0.00	37.19 0.86 -2.05	48.34 1.41 -2.65	51.29 1.96 0.00	43.19 1.69 0.00	40.59 1.22 0.00	31.33 1.29 0.00	32.10 1.47 0.00	35.25 1.76 0.00	40.48 1.86 0.00	43.41 2.06 0.00	56.47 2.61 -0.06	73.99 2.78 -10.56	354.47 2.68 -293.73	300.66 2.51 -242.86	128.68 2.34 -77.01	86.79 2.32 -34.66	60.05 2.16 -14.71	39.25 1.92 0.00	43.12 1.95 0.00
SOUTH CAIRO____GT 23612	42.74 1.55 0.00	35.87 1.34 0.00	35.86 1.22 0.00	33.57 1.16 0.00	33.96 1.18 0.00	35.55 1.27 0.00	45.89 1.61 0.00	51.12 1.79 0.00	42.92 1.42 0.00	40.30 0.94 0.00	30.52 0.48 0.00	31.22 0.58 0.00	34.00 0.51 0.00	39.04 0.42 0.00	41.81 0.45 0.00	54.68 0.87 0.00	62.53 1.88 0.00	60.12 2.06 0.00	57.21 1.92 0.00	50.97 1.64 0.00	51.34 1.53 0.00	44.57 1.38 0.00	38.42 1.10 0.00	42.35 1.18 0.00
SOUTH HAMPTN____IC 23720	43.04 1.84 0.00	35.90 1.37 0.00	35.73 1.10 0.00	33.37 0.96 0.00	33.46 0.68 0.00	39.47 0.59 -4.60	51.43 1.19 -5.95	51.47 2.14 0.00	43.37 1.88 0.00	40.44 1.07 0.00	31.50 1.46 0.00	32.29 1.65 0.00	35.49 2.00 0.00	40.96 2.34 0.00	43.92 2.57 0.00	57.45 3.52 -0.13	79.42 3.83 -14.93	297.87 3.80 -236.02	257.32 3.55 -198.48	116.42 3.30 -63.80	84.52 3.35 -31.35	61.13 3.02 -14.93	39.92 2.60 0.00	43.82 2.65 0.00
SOUTHDOW_115KV_TB1 355954	38.45 -2.74 0.00	32.40 -2.13 0.00	33.13 -1.51 0.00	31.05 -1.36 0.00	31.84 -0.95 0.00	33.66 -0.62 0.00	43.53 -0.75 0.00	48.62 -0.71 0.00	41.45 -0.05 0.00	40.07 0.70 0.00	30.93 0.90 0.00	31.64 1.00 0.00	34.46 0.97 0.00	39.99 1.36 0.00	42.89 1.54 0.00	55.45 1.65 0.00	61.34 0.68 0.00	59.02 0.97 0.00	56.18 0.89 0.00	49.48 0.16 0.00	50.44 0.62 0.00	43.03 -0.15 0.00	37.33 0.00 0.00	40.89 -0.28 0.00
SOUTHOLD_69_KV_BK 2 55809	42.53 1.33 0.00	35.44 0.92 0.00	35.27 0.64 0.00	32.93 0.52 0.00	33.01 0.23 0.00	39.00 0.12 -4.60	50.97 0.73 -5.94	51.33 2.00 0.00	43.24 1.74 0.00	40.08 0.71 0.00	31.51 1.47 0.00	32.36 1.72 0.00	35.62 2.14 0.00	41.31 2.69 0.00	44.22 2.87 0.00	57.98 4.05 -0.13	79.98 4.40 -14.92	298.36 4.35 -235.95	257.75 4.04 -198.42	116.92 3.82 -63.78	85.06 3.91 -31.33	61.60 3.50 -14.92	40.27 2.95 0.00	44.18 3.01 0.00
SOUTHOLD____IC 23719	42.53 1.34 0.00	35.44 0.92 0.00	35.27 0.64 0.00	32.93 0.52 0.00	33.02 0.23 0.00	39.00 0.13 -4.60	50.96 0.74 -5.94	51.33 2.00 0.00	43.24 1.74 0.00	40.08 0.71 0.00	31.51 1.47 0.00	32.36 1.72 0.00	35.62 2.14 0.00	41.31 2.69 0.00	44.22 2.87 0.00	57.98 4.06 -0.13	79.98 4.40 -14.92	298.36 4.35 -235.95	257.76 4.05 -198.42	116.92 3.82 -63.78	85.06 3.91 -31.33	61.60 3.49 -14.92	40.27 2.95 0.00	44.18 3.01 0.00
SOUTH_FORK_WT_PWR 323839	41.82 0.63 0.00	34.85 0.32 0.00	34.65 0.02 0.00	32.36 -0.05 0.00	32.44 -0.34 0.00	38.41 -0.47 -4.60	50.28 0.05 -5.95	50.87 1.54 0.00	42.80 1.31 0.00	39.46 0.09 0.00	31.29 1.26 0.00	32.22 1.59 0.00	35.53 2.05 0.00	41.36 2.74 0.00	44.18 2.83 0.00	58.01 4.08 -0.13	79.98 4.40 -14.93	298.36 4.32 -235.99	257.68 3.94 -198.45	116.95 3.83 -63.79	85.16 4.00 -31.34	61.69 3.58 -14.93	40.30 2.98 0.00	44.22 3.05 0.00
SPIERFLS_115KV_TB 1 80737	42.37 1.18 0.00	35.56 1.02 0.00	35.61 0.98 0.00	33.35 0.94 0.00	33.79 1.01 0.00	35.35 1.07 0.00	45.74 1.46 0.00	50.85 1.52 0.00	42.77 1.28 0.00	40.11 0.74 0.00	30.39 0.36 0.00	30.97 0.33 0.00	33.92 0.44 0.00	38.91 0.29 0.00	41.72 0.36 0.00	54.78 0.97 0.00	62.18 1.53 0.00	59.63 1.57 0.00	56.63 1.33 0.00	50.36 1.04 0.00	50.82 1.00 0.00	44.29 1.11 0.00	38.28 0.96 0.00	42.44 1.27 0.00
ST LAWRENCE____ 23600	41.40 0.21 0.00	34.65 0.12 0.00	34.83 0.19 0.00	32.57 0.16 0.00	32.97 0.19 0.00	34.53 0.26 0.00	44.42 0.13 0.00	49.61 0.28 0.00	41.88 0.38 0.00	39.84 0.47 0.00	30.36 0.32 0.00	30.95 0.31 0.00	33.83 0.34 0.00	39.13 0.51 0.00	41.91 0.56 0.00	54.54 0.74 0.00	61.64 0.99 0.00	59.06 1.01 0.00	56.25 0.95 0.00	50.20 0.88 0.00	50.66 0.84 0.00	43.87 0.69 0.00	37.90 0.58 0.00	41.82 0.64 0.00

STATE_CA_115KV_115_LB 55624	41.95 0.76 0.00	35.25 0.72 0.00	35.22 0.59 0.00	32.99 0.57 0.00	33.35 0.56 0.00	34.88 0.60 0.00	44.98 0.69 0.00	49.94 0.61 0.00	41.98 0.49 0.00	39.69 0.32 0.00	30.30 0.26 0.00	30.90 0.26 0.00	33.81 0.32 0.00	38.91 0.29 0.00	41.57 0.22 0.00	54.04 0.24 0.00	61.05 0.40 0.00	58.28 0.23 0.00	55.45 0.16 0.00	49.51 0.19 0.00	49.91 0.09 0.00	43.43 0.25 0.00	37.52 0.20 0.00	41.42 0.25 0.00
STATE_ST_34_KV_LOAD 55959	40.82 -0.38 0.00	34.24 -0.29 0.00	34.42 -0.21 0.00	32.24 -0.17 0.00	32.54 -0.25 0.00	33.96 -0.31 0.00	44.16 -0.13 0.00	49.21 -0.12 0.00	42.11 0.62 0.00	40.06 0.70 0.00	30.49 0.45 0.00	31.05 0.41 0.00	33.82 0.33 0.00	39.04 0.42 0.00	41.87 0.51 0.00	54.69 0.89 0.00	61.75 1.10 0.00	59.41 1.36 0.00	55.65 0.36 0.00	49.23 -0.09 0.00	49.75 -0.06 0.00	42.99 -0.19 0.00	37.19 -0.14 0.00	40.83 -0.34 0.00
STATION_5_MISC_HYD 23604	39.43 -1.77 0.00	33.11 -1.42 0.00	33.59 -1.05 0.00	31.40 -1.01 0.00	31.91 -0.88 0.00	33.40 -0.88 0.00	43.21 -1.07 0.00	48.12 -1.21 0.00	40.80 -0.70 0.00	39.14 -0.23 0.00	30.03 -0.01 0.00	30.64 0.00 0.00	33.40 -0.09 0.00	38.75 0.12 0.00	41.64 0.29 0.00	53.98 0.17 0.00	60.26 -0.39 0.00	57.82 -0.23 0.00	54.93 -0.36 0.00	48.71 -0.61 0.00	49.37 -0.45 0.00	42.51 -0.67 0.00	36.77 -0.56 0.00	40.41 -0.76 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	39.82 -1.37 0.00	33.43 -1.11 0.00	33.76 -0.87 0.00	31.60 -0.81 0.00	32.04 -0.74 0.00	33.52 -0.76 0.00	43.42 -0.86 0.00	48.40 -0.93 0.00	41.16 -0.34 0.00	39.28 -0.09 0.00	30.05 0.01 0.00	30.61 -0.02 0.00	33.34 -0.14 0.00	38.58 -0.05 0.00	41.57 0.21 0.00	54.02 0.22 0.00	60.59 -0.06 0.00	58.19 0.13 0.00	55.01 -0.28 0.00	48.73 -0.59 0.00	49.32 -0.50 0.00	42.52 -0.66 0.00	36.76 -0.57 0.00	40.42 -0.75 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	39.25 -1.94 0.00	32.96 -1.57 0.00	33.41 -1.22 0.00	31.25 -1.16 0.00	31.74 -1.04 0.00	33.23 -1.05 0.00	42.99 -1.30 0.00	47.87 -1.47 0.00	40.58 -0.92 0.00	38.90 -0.47 0.00	29.83 -0.21 0.00	30.43 -0.21 0.00	33.16 -0.32 0.00	38.45 -0.17 0.00	41.33 -0.02 0.00	53.59 -0.21 0.00	59.86 -0.79 0.00	57.43 -0.62 0.00	54.55 -0.74 0.00	48.39 -0.93 0.00	49.03 -0.79 0.00	42.24 -0.94 0.00	36.53 -0.80 0.00	40.16 -1.01 0.00
STA_56___34_KV_BUS2 355983	39.25 -1.94 0.00	32.96 -1.57 0.00	33.41 -1.22 0.00	31.25 -1.16 0.00	31.74 -1.04 0.00	33.23 -1.05 0.00	42.99 -1.30 0.00	47.87 -1.47 0.00	40.58 -0.92 0.00	38.90 -0.47 0.00	29.83 -0.21 0.00	30.43 -0.21 0.00	33.16 -0.32 0.00	38.45 -0.17 0.00	41.33 -0.02 0.00	53.59 -0.21 0.00	59.86 -0.79 0.00	57.43 -0.62 0.00	54.55 -0.74 0.00	48.39 -0.93 0.00	49.03 -0.79 0.00	42.24 -0.94 0.00	36.53 -0.80 0.00	40.16 -1.01 0.00
STA_67___115KV_BK2 355882	39.35 -1.84 0.00	33.05 -1.48 0.00	33.53 -1.10 0.00	31.35 -1.06 0.00	31.85 -0.94 0.00	33.34 -0.94 0.00	43.14 -1.15 0.00	48.03 -1.30 0.00	40.73 -0.77 0.00	39.06 -0.31 0.00	29.97 -0.07 0.00	30.58 -0.06 0.00	33.33 -0.15 0.00	38.67 0.04 0.00	41.56 0.21 0.00	53.84 0.04 0.00	60.12 -0.53 0.00	57.68 -0.37 0.00	54.81 -0.48 0.00	48.59 -0.73 0.00	49.25 -0.57 0.00	42.42 -0.76 0.00	36.70 -0.63 0.00	40.34 -0.83 0.00
STA_7___115KV_9TRANS 80674	39.58 -1.61 0.00	33.23 -1.30 0.00	33.70 -0.93 0.00	31.51 -0.90 0.00	32.01 -0.77 0.00	33.51 -0.76 0.00	43.38 -0.91 0.00	48.30 -1.03 0.00	40.96 -0.54 0.00	39.31 -0.06 0.00	30.15 0.11 0.00	30.76 0.12 0.00	33.54 0.05 0.00	38.91 0.29 0.00	41.84 0.49 0.00	54.23 0.43 0.00	60.57 -0.08 0.00	58.14 0.09 0.00	55.23 -0.06 0.00	48.97 -0.36 0.00	49.62 -0.20 0.00	42.71 -0.47 0.00	36.93 -0.39 0.00	40.58 -0.59 0.00
STA_82___115KV_TB1 80780	39.36 -1.83 0.00	33.06 -1.47 0.00	33.53 -1.10 0.00	31.36 -1.05 0.00	31.87 -0.92 0.00	33.36 -0.91 0.00	43.16 -1.13 0.00	48.05 -1.28 0.00	40.75 -0.75 0.00	39.08 -0.28 0.00	29.99 -0.05 0.00	30.60 -0.04 0.00	33.34 -0.14 0.00	38.69 0.06 0.00	41.59 0.24 0.00	53.89 0.09 0.00	60.17 -0.49 0.00	57.72 -0.33 0.00	54.83 -0.46 0.00	48.62 -0.70 0.00	49.28 -0.54 0.00	42.45 -0.74 0.00	36.71 -0.61 0.00	40.35 -0.82 0.00
STEEL___WIND 323596	37.98 -3.21 0.00	31.94 -2.59 0.00	32.64 -1.99 0.00	30.54 -1.87 0.00	31.21 -1.58 0.00	32.84 -1.44 0.00	42.41 -1.88 0.00	47.24 -2.10 0.00	40.29 -1.21 0.00	38.96 -0.41 0.00	30.04 0.00 0.00	30.73 0.09 0.00	33.45 -0.04 0.00	38.89 0.27 0.00	41.77 0.42 0.00	53.93 0.13 0.00	59.62 -1.03 0.00	57.26 -0.79 0.00	54.48 -0.81 0.00	48.12 -1.20 0.00	49.02 -0.80 0.00	41.99 -1.19 0.00	36.48 -0.85 0.00	40.03 -1.14 0.00
STEPHTWN_115KV_BK_2 55603	42.22 1.03 0.00	35.42 0.89 0.00	35.44 0.81 0.00	33.15 0.74 0.00	33.50 0.71 0.00	35.07 0.79 0.00	45.26 0.97 0.00	50.31 0.98 0.00	42.21 0.71 0.00	39.90 0.53 0.00	30.45 0.41 0.00	31.03 0.39 0.00	33.95 0.46 0.00	39.08 0.46 0.00	41.81 0.46 0.00	54.38 0.58 0.00	61.24 0.60 0.00	58.66 0.61 0.00	55.81 0.52 0.00	49.86 0.54 0.00	50.29 0.47 0.00	43.75 0.57 0.00	37.76 0.44 0.00	41.69 0.52 0.00
STEBEN_REC_LFGE 323667	37.75 -3.45 0.00	31.51 -3.02 0.00	32.02 -2.62 0.00	29.80 -2.62 0.00	30.32 -2.46 0.00	32.37 -1.91 0.00	42.23 -2.05 0.00	47.60 -1.73 0.00	40.90 -0.60 0.00	39.60 0.23 0.00	30.37 0.33 0.00	31.02 0.38 0.00	33.77 0.28 0.00	39.37 0.75 0.00	42.52 1.17 0.00	55.03 1.23 0.00	60.92 0.27 0.00	58.52 0.46 0.00	55.80 0.50 0.00	49.20 -0.12 0.00	50.15 0.33 0.00	42.87 -0.31 0.00	37.22 -0.11 0.00	40.75 -0.42 0.00
STILLWATER___SOLAR 323814	42.60 1.40 0.00	35.73 1.20 0.00	35.75 1.12 0.00	33.47 1.06 0.00	33.88 1.10 0.00	35.45 1.18 0.00	45.84 1.55 0.00	50.92 1.59 0.00	42.72 1.23 0.00	40.20 0.84 0.00	30.53 0.49 0.00	31.09 0.45 0.00	34.06 0.58 0.00	39.16 0.54 0.00	41.96 0.61 0.00	54.92 1.12 0.00	62.30 1.65 0.00	59.60 1.55 0.00	56.65 1.36 0.00	50.46 1.14 0.00	50.92 1.10 0.00	44.29 1.11 0.00	38.23 0.90 0.00	42.37 1.20 0.00
STONY___BROOK 24151	43.31 2.12 0.00	36.15 1.62 0.00	36.00 1.37 0.00	33.60 1.18 0.00	33.70 0.92 0.00	38.43 0.83 -3.33	49.95 1.37 -4.30	51.25 1.92 0.00	43.16 1.67 0.00	40.56 1.19 0.00	31.31 1.27 0.00	32.08 1.45 0.00	35.22 1.73 0.00	40.45 1.83 0.00	43.39 2.04 0.00	56.49 2.60 -0.09	76.03 2.75 -12.63	319.31 2.65 -258.60	273.61 2.48 -215.83	120.34 2.31 -68.71	84.38 2.29 -32.28	59.85 2.14 -14.54	39.23 1.90 0.00	43.10 1.92 0.00
STURGEON_POOL_HYD 23609	42.72 1.53 0.00	35.72 1.19 0.00	35.68 1.04 0.00	33.36 0.95 0.00	33.64 0.86 0.00	35.24 0.96 0.00	45.63 1.35 0.00	50.81 1.48 0.00	42.63 1.14 0.00	40.30 0.93 0.00	30.93 0.89 0.00	31.65 1.01 0.00	34.63 1.15 0.00	39.97 1.35 0.00	42.73 1.38 0.00	55.42 1.62 0.00	62.26 1.61 0.00	59.57 1.51 0.00	56.73 1.43 0.00	50.59 1.27 0.00	51.12 1.30 0.00	44.41 1.23 0.00	38.33 1.01 0.00	42.16 0.99 0.00

ST_LAW_115_BK7_LBMP 345037	41.45 0.26 0.00	34.69 0.16 0.00	34.87 0.24 0.00	32.61 0.20 0.00	33.01 0.23 0.00	34.58 0.30 0.00	44.46 0.18 0.00	49.67 0.34 0.00	41.92 0.42 0.00	39.88 0.52 0.00	30.40 0.36 0.00	30.99 0.35 0.00	33.88 0.39 0.00	39.18 0.56 0.00	41.97 0.62 0.00	54.60 0.80 0.00	61.74 1.09 0.00	59.17 1.12 0.00	56.34 1.05 0.00	50.26 0.94 0.00	50.74 0.92 0.00	43.93 0.75 0.00	37.96 0.64 0.00	41.88 0.71 0.00
ST_LAW_115_BK8_LBMP 345038	41.45 0.26 0.00	34.69 0.16 0.00	34.87 0.24 0.00	32.61 0.20 0.00	33.01 0.23 0.00	34.58 0.30 0.00	44.46 0.18 0.00	49.67 0.34 0.00	41.92 0.42 0.00	39.88 0.52 0.00	30.40 0.36 0.00	30.99 0.35 0.00	33.88 0.39 0.00	39.18 0.56 0.00	41.97 0.62 0.00	54.60 0.80 0.00	61.74 1.09 0.00	59.17 1.12 0.00	56.34 1.05 0.00	50.26 0.94 0.00	50.74 0.92 0.00	43.93 0.75 0.00	37.96 0.64 0.00	41.88 0.71 0.00
ST_LAW_230_BK5_LBMP 345035	41.40 0.21 0.00	34.65 0.12 0.00	34.83 0.19 0.00	32.57 0.16 0.00	32.97 0.19 0.00	34.53 0.26 0.00	44.42 0.13 0.00	49.61 0.28 0.00	41.88 0.38 0.00	39.84 0.47 0.00	30.36 0.32 0.00	30.95 0.31 0.00	33.83 0.34 0.00	39.13 0.51 0.00	41.91 0.56 0.00	54.54 0.74 0.00	61.64 0.99 0.00	59.06 1.01 0.00	56.25 0.95 0.00	50.20 0.88 0.00	50.66 0.84 0.00	43.87 0.69 0.00	37.90 0.58 0.00	41.82 0.64 0.00
ST_LAW_230_BK6_LBMP 345036	41.40 0.21 0.00	34.65 0.12 0.00	34.83 0.19 0.00	32.57 0.16 0.00	32.97 0.19 0.00	34.53 0.26 0.00	44.42 0.13 0.00	49.61 0.28 0.00	41.88 0.38 0.00	39.84 0.47 0.00	30.36 0.32 0.00	30.95 0.31 0.00	33.83 0.34 0.00	39.13 0.51 0.00	41.91 0.56 0.00	54.54 0.74 0.00	61.64 0.99 0.00	59.06 1.01 0.00	56.25 0.95 0.00	50.20 0.88 0.00	50.66 0.84 0.00	43.87 0.69 0.00	37.90 0.58 0.00	41.82 0.64 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.67 1.48 0.00	35.70 1.18 0.00	35.67 1.04 0.00	33.36 0.95 0.00	33.64 0.85 0.00	35.23 0.95 0.00	45.60 1.32 0.00	50.74 1.41 0.00	42.58 1.09 0.00	40.30 0.93 0.00	30.92 0.88 0.00	31.64 1.00 0.00	34.63 1.15 0.00	39.97 1.35 0.00	42.71 1.36 0.00	55.35 1.55 0.00	62.19 1.54 0.00	59.46 1.41 0.00	56.60 1.30 0.00	50.46 1.14 0.00	51.00 1.19 0.00	44.31 1.13 0.00	38.26 0.93 0.00	42.10 0.93 0.00
SWANROAD_115KV_TB1 355699	37.26 -3.94 0.00	31.37 -3.16 0.00	32.11 -2.52 0.00	30.02 -2.40 0.00	30.64 -2.15 0.00	32.12 -2.16 0.00	41.46 -2.82 0.00	46.01 -3.32 0.00	39.29 -2.21 0.00	37.95 -1.41 0.00	29.32 -0.72 0.00	29.98 -0.65 0.00	32.64 -0.85 0.00	37.99 -0.63 0.00	40.81 -0.54 0.00	52.60 -1.20 0.00	58.16 -2.49 0.00	55.78 -2.27 0.00	53.09 -2.20 0.00	47.00 -2.32 0.00	47.82 -2.00 0.00	41.08 -2.11 0.00	35.62 -1.70 0.00	39.14 -2.03 0.00
SYNERGY___BIOGAS 323694	39.12 -2.08 0.00	32.88 -1.65 0.00	33.53 -1.10 0.00	31.34 -1.08 0.00	31.95 -0.84 0.00	33.50 -0.77 0.00	43.32 -0.97 0.00	48.20 -1.13 0.00	40.97 -0.53 0.00	39.42 0.05 0.00	30.20 0.16 0.00	30.91 0.27 0.00	33.55 0.06 0.00	39.24 0.62 0.00	42.33 0.98 0.00	54.83 1.03 0.00	60.92 0.27 0.00	58.52 0.47 0.00	55.63 0.33 0.00	49.21 -0.11 0.00	49.96 0.14 0.00	42.87 -0.31 0.00	37.12 -0.20 0.00	40.74 -0.43 0.00
SYRACUSE___ENERGY_ST1 323597	40.62 -0.58 0.00	34.06 -0.47 0.00	34.21 -0.42 0.00	32.03 -0.38 0.00	32.40 -0.38 0.00	33.81 -0.47 0.00	43.83 -0.46 0.00	48.88 -0.45 0.00	41.62 0.13 0.00	39.53 0.16 0.00	30.12 0.08 0.00	30.68 0.05 0.00	33.43 -0.05 0.00	38.55 -0.07 0.00	41.40 0.05 0.00	54.00 0.20 0.00	60.86 0.21 0.00	58.47 0.41 0.00	54.97 -0.32 0.00	48.70 -0.62 0.00	49.21 -0.60 0.00	42.57 -0.61 0.00	36.83 -0.50 0.00	40.57 -0.60 0.00
SYRACUSE___ENERGY_ST2 323598	40.62 -0.58 0.00	34.06 -0.47 0.00	34.21 -0.42 0.00	32.03 -0.38 0.00	32.40 -0.38 0.00	33.81 -0.47 0.00	43.83 -0.46 0.00	48.88 -0.45 0.00	41.62 0.13 0.00	39.53 0.16 0.00	30.12 0.08 0.00	30.68 0.05 0.00	33.43 -0.05 0.00	38.55 -0.07 0.00	41.40 0.05 0.00	54.00 0.20 0.00	60.86 0.21 0.00	58.47 0.41 0.00	54.97 -0.32 0.00	48.70 -0.62 0.00	49.21 -0.60 0.00	42.57 -0.61 0.00	36.83 -0.50 0.00	40.57 -0.60 0.00
SYRACUSE___POWER 24017	40.63 -0.57 0.00	34.07 -0.46 0.00	34.21 -0.42 0.00	32.04 -0.38 0.00	32.41 -0.37 0.00	33.83 -0.44 0.00	43.83 -0.46 0.00	48.86 -0.47 0.00	41.32 -0.18 0.00	39.23 -0.14 0.00	29.90 -0.14 0.00	30.46 -0.18 0.00	33.18 -0.30 0.00	38.25 -0.37 0.00	41.07 -0.28 0.00	53.59 -0.21 0.00	60.36 -0.29 0.00	57.91 -0.14 0.00	54.86 -0.43 0.00	48.74 -0.59 0.00	49.24 -0.58 0.00	42.60 -0.58 0.00	36.85 -0.48 0.00	40.60 -0.57 0.00
TALLMAN__138KV_BK151 55660	42.81 1.62 0.00	35.80 1.27 0.00	35.74 1.11 0.00	33.43 1.01 0.00	33.69 0.90 0.00	35.29 1.01 0.00	45.69 1.40 0.00	50.83 1.50 0.00	42.66 1.17 0.00	40.39 1.02 0.00	31.03 0.99 0.00	31.76 1.13 0.00	34.79 1.29 0.00	40.15 1.52 0.00	42.87 1.52 0.00	55.46 1.66 0.00	62.26 1.61 0.00	59.51 1.46 0.00	56.64 1.35 0.00	50.48 1.16 0.00	51.04 1.22 0.00	44.36 1.18 0.00	38.30 0.98 0.00	42.14 0.98 0.00
TEALLAVE_115KV_TB7 355573	40.39 -0.80 0.00	33.89 -0.64 0.00	34.03 -0.60 0.00	31.86 -0.56 0.00	32.25 -0.54 0.00	33.65 -0.63 0.00	43.59 -0.69 0.00	48.60 -0.73 0.00	41.01 -0.49 0.00	38.94 -0.43 0.00	29.70 -0.34 0.00	30.25 -0.39 0.00	32.98 -0.51 0.00	38.01 -0.61 0.00	40.79 -0.56 0.00	53.17 -0.64 0.00	59.85 -0.80 0.00	57.40 -0.65 0.00	54.45 -0.84 0.00	48.41 -0.91 0.00	48.93 -0.89 0.00	42.34 -0.84 0.00	36.63 -0.70 0.00	40.36 -0.81 0.00
TELGRAPH_34_KV_EAST 80808	38.21 -2.99 0.00	32.14 -2.39 0.00	32.83 -1.80 0.00	30.69 -1.73 0.00	31.31 -1.48 0.00	32.84 -1.44 0.00	42.41 -1.88 0.00	47.13 -2.20 0.00	40.18 -1.32 0.00	38.74 -0.63 0.00	29.84 -0.20 0.00	30.49 -0.15 0.00	33.15 -0.34 0.00	38.64 0.01 0.00	41.58 0.23 0.00	53.73 -0.07 0.00	59.56 -1.10 0.00	57.16 -0.89 0.00	54.36 -0.93 0.00	48.12 -1.21 0.00	48.90 -0.92 0.00	42.00 -1.19 0.00	36.40 -0.92 0.00	39.97 -1.20 0.00
TEMPLE___115KV_TB 2 55572	40.41 -0.78 0.00	33.89 -0.64 0.00	34.03 -0.60 0.00	31.87 -0.54 0.00	32.25 -0.53 0.00	33.66 -0.62 0.00	43.60 -0.69 0.00	48.60 -0.73 0.00	41.02 -0.48 0.00	38.95 -0.42 0.00	29.70 -0.34 0.00	30.26 -0.38 0.00	32.99 -0.50 0.00	38.03 -0.59 0.00	40.81 -0.54 0.00	53.18 -0.62 0.00	59.86 -0.79 0.00	57.40 -0.65 0.00	54.45 -0.84 0.00	48.42 -0.90 0.00	48.93 -0.89 0.00	42.34 -0.84 0.00	36.63 -0.69 0.00	40.36 -0.81 0.00
TIANA____69_KV_BK 1 55817	43.18 1.99 0.00	36.02 1.49 0.00	35.86 1.23 0.00	33.49 1.08 0.00	33.59 0.80 0.00	39.59 0.71 -4.60	51.54 1.31 -5.94	51.50 2.17 0.00	43.40 1.90 0.00	40.55 1.18 0.00	31.50 1.46 0.00	32.26 1.62 0.00	35.43 1.94 0.00	40.84 2.22 0.00	43.83 2.48 0.00	57.27 3.35 -0.13	79.22 3.65 -14.92	297.63 3.62 -235.96	257.11 3.39 -198.43	116.24 3.14 -63.78	84.31 3.16 -31.33	60.97 2.87 -14.92	39.81 2.49 0.00	43.69 2.52 0.00

TILDEN___115KV_TB1 80814	40.63 -0.57 0.00	34.07 -0.46 0.00	34.21 -0.42 0.00	32.04 -0.38 0.00	32.41 -0.37 0.00	33.83 -0.44 0.00	43.83 -0.46 0.00	48.86 -0.47 0.00	41.32 -0.18 0.00	39.23 -0.14 0.00	29.90 -0.14 0.00	30.46 -0.18 0.00	33.18 -0.30 0.00	38.25 -0.37 0.00	41.07 -0.28 0.00	53.59 -0.21 0.00	60.36 -0.29 0.00	57.91 -0.14 0.00	54.86 -0.43 0.00	48.74 -0.59 0.00	49.24 -0.58 0.00	42.60 -0.58 0.00	36.85 -0.48 0.00	40.60 -0.57 0.00
TRIGEN___CC 323695	43.23 2.04 0.00	36.12 1.59 0.00	36.01 1.38 0.00	33.63 1.21 0.00	33.82 1.04 0.00	35.34 1.06 0.00	45.84 1.55 0.00	51.18 1.84 0.00	43.03 1.53 0.00	40.57 1.20 0.00	31.29 1.25 0.00	32.08 1.44 0.00	35.17 1.68 0.00	40.46 1.84 0.00	43.31 1.96 0.00	56.06 2.26 0.00	64.91 2.22 -2.04	86.34 2.08 -26.21	103.73 1.98 -46.46	51.14 1.81 -0.01	51.64 1.82 0.00	44.92 1.74 0.00	38.86 1.53 0.00	42.71 1.54 0.00
TRINITY___115KV___4 BK 55933	41.79 0.60 0.00	35.11 0.58 0.00	35.09 0.46 0.00	32.86 0.45 0.00	33.22 0.44 0.00	34.75 0.47 0.00	44.80 0.51 0.00	49.74 0.40 0.00	41.80 0.31 0.00	39.53 0.17 0.00	30.17 0.12 0.00	30.76 0.12 0.00	33.67 0.19 0.00	38.75 0.13 0.00	41.38 0.03 0.00	53.76 -0.04 0.00	60.72 0.07 0.00	57.98 -0.08 0.00	55.15 -0.14 0.00	49.26 -0.06 0.00	49.68 -0.14 0.00	43.23 0.04 0.00	37.35 0.02 0.00	41.26 0.09 0.00
UNION___PROCESSING_DRP 323587	39.38 -1.82 0.00	33.06 -1.47 0.00	33.54 -1.09 0.00	31.37 -1.05 0.00	31.87 -0.91 0.00	33.36 -0.91 0.00	43.16 -1.12 0.00	48.06 -1.28 0.00	40.76 -0.74 0.00	39.09 -0.28 0.00	30.00 -0.04 0.00	30.60 -0.04 0.00	33.35 -0.13 0.00	38.69 0.07 0.00	41.60 0.25 0.00	53.90 0.10 0.00	60.18 -0.47 0.00	57.74 -0.32 0.00	54.86 -0.43 0.00	48.64 -0.69 0.00	49.29 -0.53 0.00	42.46 -0.72 0.00	36.72 -0.60 0.00	40.37 -0.80 0.00
UPPER HUDSON___HYD 24058	42.37 1.18 0.00	35.55 1.03 0.00	35.61 0.98 0.00	33.35 0.94 0.00	33.79 1.01 0.00	35.35 1.07 0.00	45.74 1.46 0.00	50.85 1.52 0.00	42.77 1.27 0.00	40.11 0.74 0.00	30.39 0.36 0.00	30.97 0.33 0.00	33.93 0.44 0.00	38.91 0.29 0.00	41.72 0.36 0.00	54.78 0.97 0.00	62.18 1.53 0.00	59.63 1.57 0.00	56.63 1.33 0.00	50.36 1.04 0.00	50.82 1.00 0.00	44.29 1.11 0.00	38.28 0.95 0.00	42.44 1.27 0.00
UPPER RAQUET___HYD 24056	41.92 0.72 0.00	35.04 0.51 0.00	35.22 0.58 0.00	32.93 0.52 0.00	33.38 0.59 0.00	35.02 0.75 0.00	45.06 0.77 0.00	50.35 1.02 0.00	42.49 0.99 0.00	40.34 0.97 0.00	30.73 0.69 0.00	31.35 0.71 0.00	34.19 0.71 0.00	39.63 1.01 0.00	42.53 1.18 0.00	55.41 1.61 0.00	63.15 2.50 0.00	60.79 2.74 0.00	57.86 2.57 0.00	51.59 2.27 0.00	52.04 2.22 0.00	45.02 1.84 0.00	38.88 1.55 0.00	42.84 1.67 0.00
VALLEY44_115KV_TB2 355964	38.36 -2.84 0.00	32.08 -2.45 0.00	32.68 -1.95 0.00	30.55 -1.87 0.00	31.12 -1.67 0.00	32.82 -1.46 0.00	42.47 -1.81 0.00	47.37 -1.96 0.00	40.22 -1.28 0.00	38.83 -0.55 0.00	29.91 -0.13 0.00	30.60 -0.04 0.00	33.30 -0.19 0.00	38.62 0.00 0.00	41.39 0.05 0.00	53.42 -0.38 0.00	59.15 -1.50 0.00	56.83 -1.22 0.00	54.09 -1.20 0.00	47.70 -1.62 0.00	48.66 -1.16 0.00	41.63 -1.55 0.00	36.12 -1.21 0.00	39.57 -1.60 0.00
VALLEY___115KV_TB 1-4 80826	42.20 1.00 0.00	35.43 0.90 0.00	35.49 0.86 0.00	33.22 0.80 0.00	33.59 0.80 0.00	35.01 0.73 0.00	45.22 0.93 0.00	50.37 1.04 0.00	41.83 0.33 0.00	39.29 -0.08 0.00	30.04 0.00 0.00	30.69 0.05 0.00	33.63 0.14 0.00	38.56 -0.06 0.00	41.46 0.10 0.00	54.53 0.73 0.00	62.12 1.47 0.00	59.57 1.52 0.00	57.19 1.89 0.00	51.02 1.70 0.00	51.54 1.73 0.00	44.68 1.50 0.00	38.68 1.36 0.00	42.66 1.49 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	42.60 1.41 0.00	35.65 1.12 0.00	35.74 1.10 0.00	33.44 1.02 0.00	33.80 1.01 0.00	35.34 1.06 0.00	45.73 1.45 0.00	51.00 1.67 0.00	42.89 1.39 0.00	40.69 1.32 0.00	31.09 1.05 0.00	31.75 1.12 0.00	34.71 1.23 0.00	40.05 1.43 0.00	42.84 1.49 0.00	55.98 2.18 0.00	62.89 2.24 0.00	60.19 2.14 0.00	57.27 1.98 0.00	51.01 1.69 0.00	51.54 1.73 0.00	44.61 1.43 0.00	38.52 1.20 0.00	42.35 1.18 0.00
VISCHER___FERRY HYD 24020	42.21 1.02 0.00	35.42 0.89 0.00	35.41 0.77 0.00	33.15 0.74 0.00	33.55 0.76 0.00	35.10 0.82 0.00	45.32 1.03 0.00	50.30 0.97 0.00	42.22 0.72 0.00	39.85 0.48 0.00	30.31 0.27 0.00	30.87 0.23 0.00	33.86 0.38 0.00	38.94 0.32 0.00	41.59 0.24 0.00	54.21 0.41 0.00	61.35 0.70 0.00	58.62 0.57 0.00	55.72 0.43 0.00	49.72 0.40 0.00	50.13 0.31 0.00	43.62 0.43 0.00	37.65 0.32 0.00	41.75 0.58 0.00
V_A_10_SYNC_DSASP 323832	38.28 -2.92 0.00	32.19 -2.35 0.00	32.83 -1.80 0.00	30.69 -1.72 0.00	31.24 -1.54 0.00	32.74 -1.53 0.00	42.28 -2.00 0.00	47.02 -2.31 0.00	40.01 -1.49 0.00	38.54 -0.82 0.00	29.70 -0.34 0.00	30.34 -0.30 0.00	33.05 -0.43 0.00	38.37 -0.25 0.00	41.18 -0.17 0.00	53.17 -0.63 0.00	59.01 -1.64 0.00	56.59 -1.46 0.00	53.81 -1.48 0.00	47.66 -1.66 0.00	48.43 -1.39 0.00	41.67 -1.51 0.00	36.12 -1.21 0.00	39.70 -1.47 0.00
V_CMM_10_SYNC_DSASP 323787	41.67 0.48 0.00	34.88 0.35 0.00	35.06 0.42 0.00	32.78 0.37 0.00	33.19 0.41 0.00	34.76 0.49 0.00	44.71 0.43 0.00	49.93 0.60 0.00	42.15 0.65 0.00	40.10 0.73 0.00	30.56 0.52 0.00	31.16 0.52 0.00	34.07 0.58 0.00	39.40 0.78 0.00	42.21 0.85 0.00	54.92 1.12 0.00	62.09 1.44 0.00	59.52 1.47 0.00	56.65 1.36 0.00	50.55 1.23 0.00	51.01 1.20 0.00	44.17 0.99 0.00	38.16 0.84 0.00	42.10 0.93 0.00
V_CMP_10_SYNC_DSASP 323788	41.06 -0.14 0.00	34.30 -0.23 0.00	34.45 -0.18 0.00	32.10 -0.32 0.00	32.50 -0.29 0.00	34.11 -0.17 0.00	43.92 -0.37 0.00	49.34 0.01 0.00	41.98 0.48 0.00	39.83 0.46 0.00	30.16 0.13 0.00	30.81 0.17 0.00	33.72 0.23 0.00	39.20 0.58 0.00	42.13 0.78 0.00	54.92 1.12 0.00	62.31 1.66 0.00	59.85 1.80 0.00	56.94 1.65 0.00	50.95 1.63 0.00	51.40 1.59 0.00	44.58 1.40 0.00	38.51 1.19 0.00	42.46 1.29 0.00
V_D_10_SYNC_DSASP 323841	42.01 0.81 0.00	35.15 0.62 0.00	35.33 0.70 0.00	33.04 0.63 0.00	33.47 0.68 0.00	35.06 0.78 0.00	45.08 0.79 0.00	50.36 1.03 0.00	42.49 1.00 0.00	40.42 1.05 0.00	30.80 0.76 0.00	31.42 0.78 0.00	34.33 0.84 0.00	39.72 1.11 0.00	42.56 1.21 0.00	55.38 1.57 0.00	62.69 2.04 0.00	60.15 2.10 0.00	57.25 1.96 0.00	51.06 1.73 0.00	51.53 1.72 0.00	44.61 1.43 0.00	38.54 1.22 0.00	42.51 1.34 0.00
V_E_10_SYNC_DSASP 323830	41.47 0.28 0.00	35.18 0.65 0.00	35.69 1.06 0.00	33.49 1.08 0.00	33.81 1.02 0.00	34.89 0.61 0.00	45.19 0.91 0.00	51.05 1.72 0.00	42.50 1.01 0.00	40.69 1.32 0.00	30.99 0.95 0.00	31.62 0.98 0.00	34.61 1.12 0.00	40.12 1.50 0.00	43.62 2.27 0.00	57.84 4.04 0.00	65.90 5.25 0.00	63.33 5.28 0.00	60.15 4.86 0.00	53.43 4.10 0.00	54.00 4.18 0.00	46.56 3.38 0.00	40.16 2.84 0.00	44.02 2.85 0.00



V_F_30_NSYNC___DSASP 323816	42.65 1.46 0.00	35.77 1.24 0.00	35.79 1.16 0.00	33.51 1.09 0.00	33.92 1.13 0.00	35.49 1.21 0.00	45.89 1.61 0.00	50.98 1.66 0.00	42.79 1.29 0.00	40.28 0.91 0.00	30.59 0.55 0.00	31.17 0.53 0.00	34.15 0.67 0.00	39.26 0.64 0.00	42.07 0.71 0.00	55.04 1.24 0.00	62.40 1.75 0.00	59.70 1.65 0.00	56.74 1.44 0.00	50.55 1.23 0.00	51.00 1.19 0.00	44.35 1.17 0.00	38.29 0.96 0.00	42.42 1.25 0.00
V_F_30_SYNC_DSASP 323786	41.94 0.75 0.00	35.24 0.71 0.00	35.22 0.59 0.00	32.98 0.57 0.00	33.35 0.56 0.00	34.87 0.60 0.00	44.98 0.69 0.00	49.94 0.61 0.00	41.98 0.49 0.00	39.69 0.32 0.00	30.30 0.26 0.00	30.89 0.25 0.00	33.81 0.32 0.00	38.91 0.29 0.00	41.57 0.22 0.00	54.04 0.24 0.00	61.04 0.38 0.00	58.28 0.23 0.00	55.44 0.15 0.00	49.50 0.18 0.00	49.91 0.09 0.00	43.43 0.25 0.00	37.52 0.19 0.00	41.42 0.25 0.00
V_XM_10_SYNC_DSASP 323789	41.06 -0.14 0.00	34.30 -0.23 0.00	34.45 -0.18 0.00	32.10 -0.32 0.00	32.50 -0.29 0.00	34.11 -0.17 0.00	43.92 -0.37 0.00	49.34 0.01 0.00	41.98 0.48 0.00	39.83 0.46 0.00	30.16 0.13 0.00	30.81 0.17 0.00	33.72 0.23 0.00	39.20 0.58 0.00	42.13 0.78 0.00	54.92 1.12 0.00	62.31 1.66 0.00	59.85 1.80 0.00	56.94 1.65 0.00	50.95 1.63 0.00	51.40 1.59 0.00	44.58 1.40 0.00	38.51 1.19 0.00	42.46 1.29 0.00
W.BABYLN_69_KV_BK1 56697	43.64 2.45 0.00	36.43 1.90 0.00	36.30 1.66 0.00	33.85 1.44 0.00	33.99 1.21 0.00	36.72 1.23 -1.22	47.82 1.95 -1.58	51.74 2.41 0.00	43.57 2.07 0.00	40.96 1.60 0.00	31.57 1.53 0.00	32.37 1.73 0.00	35.54 2.05 0.00	40.81 2.19 0.00	43.78 2.43 0.00	56.92 3.08 -0.03	68.23 3.31 -4.27	98.52 3.07 -37.40	104.26 3.00 -45.96	58.67 2.68 -6.67	56.53 2.77 -3.94	47.95 2.51 -2.26	39.50 2.17 0.00	43.39 2.23 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	43.01 1.82 0.00	35.96 1.43 0.00	35.90 1.27 0.00	33.58 1.16 0.00	33.84 1.06 0.00	35.45 1.17 0.00	45.91 1.62 0.00	51.09 1.76 0.00	42.88 1.39 0.00	40.59 1.22 0.00	31.18 1.14 0.00	31.92 1.29 0.00	34.95 1.47 0.00	40.34 1.72 0.00	43.10 1.75 0.00	55.79 1.99 0.00	62.62 1.97 0.00	59.87 1.82 0.00	56.97 1.68 0.00	50.79 1.47 0.00	51.34 1.52 0.00	44.61 1.43 0.00	38.52 1.19 0.00	42.36 1.19 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.26 2.06 0.00	36.18 1.65 0.00	36.10 1.47 0.00	33.76 1.34 0.00	34.01 1.23 0.00	35.62 1.34 0.00	46.10 1.81 0.00	51.34 2.01 0.00	43.09 1.59 0.00	40.76 1.39 0.00	31.36 1.32 0.00	32.12 1.49 0.00	35.15 1.66 0.00	40.55 1.93 0.00	43.31 1.96 0.00	55.98 2.18 0.00	62.70 2.05 0.00	59.95 1.89 0.00	57.06 1.77 0.00	50.94 1.62 0.00	51.51 1.69 0.00	44.85 1.67 0.00	38.72 1.40 0.00	42.57 1.40 0.00
W50THST__13_KV_LOAD 356117	43.46 2.26 0.00	36.34 1.82 0.00	36.27 1.63 0.00	33.92 1.50 0.00	34.17 1.38 0.00	35.78 1.51 0.00	46.32 2.04 0.00	51.59 2.26 0.00	43.31 1.81 0.00	40.99 1.62 0.00	31.55 1.51 0.00	32.31 1.67 0.00	35.36 1.87 0.00	40.79 2.17 0.00	43.57 2.22 0.00	56.29 2.49 0.00	62.98 2.33 0.00	60.20 2.15 0.00	57.29 2.00 0.00	51.16 1.84 0.00	51.73 1.92 0.00	45.06 1.88 0.00	38.91 1.59 0.00	42.78 1.61 0.00
WADING RIVER_IC_1 23522	43.26 2.07 0.00	36.10 1.57 0.00	35.95 1.32 0.00	33.57 1.16 0.00	33.66 0.88 0.00	39.71 0.79 -4.64	51.63 1.35 -6.00	51.38 2.05 0.00	43.30 1.80 0.00	40.55 1.18 0.00	31.36 1.32 0.00	32.11 1.47 0.00	35.24 1.76 0.00	40.53 1.91 0.00	43.52 2.17 0.00	56.81 2.88 -0.13	78.79 3.12 -15.02	297.95 3.08 -236.81	257.28 2.90 -199.09	116.04 2.67 -64.05	83.96 2.66 -31.48	60.65 2.46 -15.00	39.49 2.17 0.00	43.36 2.19 0.00
WADING RIVER_IC_2 23547	43.26 2.07 0.00	36.10 1.57 0.00	35.95 1.32 0.00	33.57 1.16 0.00	33.66 0.88 0.00	39.71 0.79 -4.64	51.63 1.35 -6.00	51.38 2.05 0.00	43.30 1.80 0.00	40.55 1.18 0.00	31.36 1.32 0.00	32.11 1.47 0.00	35.24 1.76 0.00	40.53 1.91 0.00	43.52 2.17 0.00	56.81 2.88 -0.13	78.79 3.12 -15.02	297.95 3.08 -236.81	257.28 2.90 -199.09	116.04 2.67 -64.05	83.96 2.66 -31.48	60.65 2.46 -15.00	39.49 2.17 0.00	43.36 2.19 0.00
WADING RIVER_IC_3 23601	43.26 2.07 0.00	36.10 1.57 0.00	35.95 1.32 0.00	33.57 1.16 0.00	33.66 0.88 0.00	39.71 0.79 -4.64	51.63 1.35 -6.00	51.38 2.05 0.00	43.30 1.80 0.00	40.55 1.18 0.00	31.36 1.32 0.00	32.11 1.47 0.00	35.24 1.76 0.00	40.53 1.91 0.00	43.52 2.17 0.00	56.81 2.88 -0.13	78.79 3.12 -15.02	297.95 3.08 -236.81	257.28 2.90 -199.09	116.04 2.67 -64.05	83.96 2.66 -31.48	60.65 2.46 -15.00	39.49 2.17 0.00	43.36 2.19 0.00
WALDENNY_12_KV_BK2 80841	38.06 -3.13 0.00	32.00 -2.53 0.00	32.71 -1.93 0.00	30.58 -1.83 0.00	31.25 -1.54 0.00	32.85 -1.42 0.00	42.43 -1.85 0.00	47.24 -2.09 0.00	40.33 -1.17 0.00	38.97 -0.40 0.00	30.06 0.02 0.00	30.76 0.12 0.00	33.49 0.00 0.00	38.92 0.30 0.00	41.82 0.47 0.00	53.97 0.16 0.00	59.68 -0.97 0.00	57.29 -0.76 0.00	54.52 -0.77 0.00	48.17 -1.15 0.00	49.05 -0.76 0.00	42.04 -1.14 0.00	36.48 -0.84 0.00	40.05 -1.12 0.00
WALDEN__HYDRO 24148	42.86 1.66 0.00	35.85 1.32 0.00	35.79 1.16 0.00	33.48 1.07 0.00	33.76 0.97 0.00	35.36 1.08 0.00	45.79 1.50 0.00	50.97 1.64 0.00	42.77 1.27 0.00	40.42 1.05 0.00	31.02 0.97 0.00	31.72 1.08 0.00	34.71 1.22 0.00	40.08 1.46 0.00	42.85 1.49 0.00	55.60 1.80 0.00	62.49 1.84 0.00	59.79 1.74 0.00	56.91 1.62 0.00	50.75 1.42 0.00	51.28 1.46 0.00	44.54 1.35 0.00	38.45 1.12 0.00	42.29 1.13 0.00
WARRENSBURG____ 23737	42.37 1.18 0.00	35.56 1.02 0.00	35.61 0.98 0.00	33.35 0.94 0.00	33.79 1.01 0.00	35.35 1.07 0.00	45.74 1.46 0.00	50.85 1.52 0.00	42.77 1.28 0.00	40.11 0.74 0.00	30.39 0.36 0.00	30.97 0.33 0.00	33.92 0.44 0.00	38.91 0.29 0.00	41.72 0.36 0.00	54.78 0.97 0.00	62.18 1.53 0.00	59.63 1.57 0.00	56.63 1.33 0.00	50.36 1.04 0.00	50.82 1.00 0.00	44.29 1.11 0.00	38.28 0.96 0.00	42.44 1.27 0.00
WATERSIDE____6 8 9 23538	43.21 2.02 0.00	36.18 1.65 0.00	36.08 1.45 0.00	33.76 1.34 0.00	34.00 1.21 0.00	35.62 1.34 0.00	46.09 1.80 0.00	51.32 1.99 0.00	43.13 1.63 0.00	40.76 1.39 0.00	31.39 1.35 0.00	32.15 1.52 0.00	35.17 1.68 0.00	40.58 1.96 0.00	43.33 1.98 0.00	55.93 2.12 0.00	62.58 1.93 0.00	59.86 1.81 0.00	57.00 1.71 0.00	50.94 1.61 0.00	51.51 1.69 0.00	44.90 1.72 0.00	38.76 1.44 0.00	42.62 1.45 0.00
WATKINRD_115KV_LN8_ILLION 55919	41.92 0.73 0.00	35.18 0.65 0.00	35.23 0.60 0.00	32.98 0.57 0.00	33.35 0.57 0.00	34.79 0.52 0.00	44.98 0.69 0.00	50.09 0.76 0.00	41.74 0.24 0.00	39.31 -0.06 0.00	30.03 -0.01 0.00	30.65 0.01 0.00	33.56 0.07 0.00	38.53 -0.09 0.00	41.37 0.02 0.00	54.25 0.45 0.00	61.59 0.94 0.00	59.05 1.00 0.00	56.55 1.25 0.00	50.46 1.14 0.00	50.97 1.15 0.00	44.19 1.01 0.00	38.24 0.92 0.00	42.17 1.00 0.00

WDELAWARE___HYD 323627	42.06 0.86 0.00	35.16 0.63 0.00	35.11 0.48 0.00	32.83 0.42 0.00	33.13 0.34 0.00	34.71 0.43 0.00	44.94 0.66 0.00	50.08 0.74 0.00	41.94 0.44 0.00	39.56 0.19 0.00	30.34 0.30 0.00	30.97 0.33 0.00	33.86 0.37 0.00	39.14 0.52 0.00	41.88 0.53 0.00	54.67 0.87 0.00	61.56 0.91 0.00	58.95 0.90 0.00	56.16 0.86 0.00	50.07 0.75 0.00	50.56 0.74 0.00	43.89 0.71 0.00	37.89 0.56 0.00	41.65 0.48 0.00
WEST BABYLON___IC 23714	43.64 2.45 0.00	36.43 1.90 0.00	36.30 1.66 0.00	33.85 1.44 0.00	33.99 1.21 0.00	36.72 1.23 -1.22	47.82 1.95 -1.58	51.74 2.41 0.00	43.57 2.07 0.00	40.96 1.60 0.00	31.57 1.53 0.00	32.37 1.73 0.00	35.54 2.05 0.00	40.81 2.19 0.00	43.78 2.43 0.00	56.92 3.08 -0.03	68.23 3.31 -4.27	98.52 3.07 -37.40	104.26 3.00 -45.96	58.67 2.68 -6.67	56.53 2.77 -3.94	47.95 2.51 -2.26	39.50 2.17 0.00	43.39 2.23 0.00
WEST CANADA___HYD 24049	41.21 0.02 0.00	34.56 0.02 0.00	34.63 0.00 0.00	32.41 0.00 0.00	32.78 0.00 0.00	34.28 0.00 0.00	44.33 0.04 0.00	49.33 0.00 0.00	41.46 -0.04 0.00	39.28 -0.09 0.00	29.97 -0.07 0.00	30.58 -0.06 0.00	33.42 -0.07 0.00	38.51 -0.12 0.00	41.23 -0.12 0.00	53.69 -0.11 0.00	60.56 -0.10 0.00	57.94 -0.11 0.00	55.23 -0.07 0.00	49.27 -0.05 0.00	49.77 -0.05 0.00	43.15 -0.03 0.00	37.30 -0.03 0.00	41.15 -0.02 0.00
WESTERN_NY_WIND 24143	39.05 -2.14 0.00	32.82 -1.71 0.00	33.48 -1.16 0.00	31.29 -1.12 0.00	31.90 -0.89 0.00	33.46 -0.82 0.00	43.25 -1.03 0.00	48.12 -1.21 0.00	40.92 -0.57 0.00	39.38 0.01 0.00	30.18 0.13 0.00	30.89 0.25 0.00	33.52 0.03 0.00	39.20 0.58 0.00	42.29 0.94 0.00	54.76 0.96 0.00	60.83 0.18 0.00	58.44 0.39 0.00	55.55 0.25 0.00	49.13 -0.19 0.00	49.87 0.05 0.00	42.81 -0.37 0.00	37.08 -0.24 0.00	40.69 -0.48 0.00
WESTOVER___LESR 323668	40.71 -0.48 0.00	34.12 -0.41 0.00	34.30 -0.34 0.00	32.09 -0.32 0.00	32.49 -0.29 0.00	34.01 -0.27 0.00	43.99 -0.30 0.00	49.11 -0.22 0.00	41.39 -0.11 0.00	39.35 -0.02 0.00	30.07 0.03 0.00	30.68 0.04 0.00	33.50 0.01 0.00	38.67 0.05 0.00	41.50 0.15 0.00	53.99 0.19 0.00	60.51 -0.14 0.00	58.02 -0.03 0.00	55.17 -0.12 0.00	49.02 -0.30 0.00	49.67 -0.15 0.00	42.86 -0.32 0.00	37.11 -0.22 0.00	40.83 -0.34 0.00
WETHRSFD_WT_PWR 323626	37.24 -3.96 0.00	31.28 -3.25 0.00	31.83 -2.81 0.00	29.86 -2.56 0.00	30.57 -2.22 0.00	32.34 -1.93 0.00	41.93 -2.35 0.00	46.79 -2.54 0.00	39.94 -1.56 0.00	38.66 -0.71 0.00	29.70 -0.34 0.00	30.40 -0.23 0.00	33.13 -0.36 0.00	38.54 -0.08 0.00	41.48 0.13 0.00	53.64 -0.16 0.00	59.35 -1.30 0.00	56.99 -1.06 0.00	54.28 -1.01 0.00	47.92 -1.40 0.00	48.85 -0.97 0.00	41.83 -1.36 0.00	36.33 -0.99 0.00	39.84 -1.33 0.00
WHAVSTOR_138KV_BK127 55557	42.78 1.59 0.00	35.78 1.25 0.00	35.73 1.09 0.00	33.41 1.00 0.00	33.68 0.89 0.00	35.27 0.99 0.00	45.67 1.38 0.00	50.80 1.47 0.00	42.65 1.15 0.00	40.38 1.01 0.00	31.01 0.97 0.00	31.75 1.11 0.00	34.76 1.27 0.00	40.11 1.49 0.00	42.84 1.49 0.00	55.44 1.63 0.00	62.21 1.56 0.00	59.47 1.41 0.00	56.61 1.31 0.00	50.46 1.14 0.00	51.02 1.20 0.00	44.34 1.16 0.00	38.29 0.97 0.00	42.13 0.96 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	42.78 1.59 0.00	35.78 1.25 0.00	35.73 1.09 0.00	33.41 1.00 0.00	33.68 0.89 0.00	35.27 0.99 0.00	45.67 1.38 0.00	50.80 1.47 0.00	42.65 1.15 0.00	40.38 1.01 0.00	31.01 0.97 0.00	31.75 1.11 0.00	34.76 1.27 0.00	40.11 1.49 0.00	42.84 1.49 0.00	55.44 1.63 0.00	62.21 1.56 0.00	59.47 1.41 0.00	56.61 1.31 0.00	50.46 1.14 0.00	51.02 1.20 0.00	44.34 1.16 0.00	38.29 0.97 0.00	42.13 0.96 0.00
WHITEHAL_115KV_TB1 80871	42.67 1.48 0.00	35.99 1.46 0.00	36.10 1.47 0.00	33.86 1.45 0.00	34.49 1.70 0.00	35.99 1.71 0.00	46.56 2.28 0.00	51.75 2.42 0.00	43.93 2.43 0.00	40.88 1.51 0.00	30.72 0.68 0.00	31.34 0.71 0.00	34.58 1.09 0.00	39.60 0.98 0.00	42.16 0.81 0.00	55.91 2.11 0.00	64.01 3.36 0.00	61.60 3.55 0.00	58.40 3.11 0.00	51.49 2.17 0.00	51.72 1.90 0.00	45.27 2.09 0.00	39.28 1.95 0.00	43.84 2.67 0.00
WHITEPLN_13_KV_LOAD 356215	43.24 2.05 0.00	36.16 1.63 0.00	36.10 1.47 0.00	33.76 1.35 0.00	34.03 1.24 0.00	35.64 1.37 0.00	46.16 1.87 0.00	51.41 2.08 0.00	43.17 1.68 0.00	40.88 1.51 0.00	31.37 1.33 0.00	32.12 1.48 0.00	35.15 1.66 0.00	40.57 1.95 0.00	43.35 2.00 0.00	56.13 2.33 0.00	62.97 2.32 0.00	60.21 2.16 0.00	57.32 2.03 0.00	51.12 1.80 0.00	51.66 1.85 0.00	44.92 1.73 0.00	38.79 1.46 0.00	42.65 1.48 0.00
WM_FLOYD_69_KV_BK2 356380	43.34 2.15 0.00	36.17 1.64 0.00	36.02 1.39 0.00	33.63 1.22 0.00	33.73 0.95 0.00	39.55 0.86 -4.42	51.40 1.41 -5.71	51.38 2.04 0.00	43.29 1.79 0.00	40.59 1.22 0.00	31.34 1.30 0.00	32.08 1.44 0.00	35.20 1.71 0.00	40.45 1.83 0.00	43.44 2.09 0.00	56.68 2.76 -0.12	78.13 2.99 -14.48	294.32 2.93 -233.33	254.44 2.75 -196.40	114.78 2.56 -62.90	83.13 2.52 -30.79	60.13 2.35 -14.60	39.41 2.09 0.00	43.28 2.11 0.00
WOODARD___115KV_TB2 355635	40.37 -0.83 0.00	33.86 -0.68 0.00	34.00 -0.63 0.00	31.83 -0.58 0.00	32.21 -0.57 0.00	33.61 -0.67 0.00	43.55 -0.74 0.00	48.52 -0.81 0.00	41.01 -0.49 0.00	38.93 -0.44 0.00	29.68 -0.36 0.00	30.23 -0.40 0.00	32.96 -0.53 0.00	38.00 -0.62 0.00	40.77 -0.58 0.00	53.14 -0.67 0.00	59.84 -0.81 0.00	57.40 -0.65 0.00	54.38 -0.91 0.00	48.35 -0.97 0.00	48.86 -0.96 0.00	42.29 -0.89 0.00	36.58 -0.74 0.00	40.32 -0.85 0.00
WOODMERE_69_KV_BK1 55827	43.63 2.44 0.00	36.44 1.91 0.00	36.33 1.69 0.00	33.92 1.51 0.00	34.12 1.33 0.00	35.64 1.36 0.00	46.28 2.00 0.00	51.66 2.32 0.00	43.43 1.93 0.00	40.93 1.56 0.00	31.57 1.53 0.00	32.38 1.74 0.00	35.49 2.00 0.00	40.85 2.23 0.00	43.74 2.39 0.00	56.64 2.84 0.00	65.40 2.89 -1.86	84.75 2.73 -23.97	100.36 2.59 -42.48	51.69 2.35 -0.01	52.20 2.38 0.00	45.39 2.21 0.00	39.26 1.93 0.00	43.11 1.94 0.00
YORK___WARBASSE 23770	43.35 2.16 0.00	36.29 1.76 0.00	36.18 1.55 0.00	33.85 1.44 0.00	34.11 1.32 0.00	35.76 1.48 0.00	46.26 1.98 0.00	51.47 2.14 0.00	43.31 1.81 0.00	40.95 1.58 0.00	31.52 1.48 0.00	32.28 1.64 0.00	35.31 1.82 0.00	40.75 2.13 0.00	43.50 2.15 0.00	56.13 2.33 0.00	62.82 2.17 0.00	60.17 2.11 0.00	57.29 1.99 0.00	51.24 1.92 0.00	51.77 1.95 0.00	45.04 1.86 0.00	38.87 1.54 0.00	42.73 1.56 0.00