

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

11/16/2025

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	46.96	35.20	33.41	31.84	30.92	34.40	31.30	30.74	28.32	30.89	40.67	34.03	34.18	36.04	36.53	37.22	47.75	61.75	54.47	46.42	42.85	37.23	37.44	39.85
24138	2.48	1.84	1.78	1.75	1.68	1.72	1.58	1.43	1.40	1.57	2.14	1.83	1.98	2.16	2.33	2.40	2.97	3.86	3.41	2.96	2.77	2.47	2.44	2.34
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	46.98	35.24	33.45	31.94	31.00	34.38	31.40	30.84	28.41	30.91	40.71	34.08	34.21	36.07	36.57	37.25	47.80	61.87	54.59	46.51	42.91	37.27	37.47	39.90
24260	2.51	1.88	1.83	1.84	1.76	1.70	1.68	1.53	1.50	1.58	2.18	1.87	2.01	2.19	2.37	2.42	3.02	3.97	3.53	3.05	2.83	2.52	2.46	2.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	46.98	35.24	33.45	31.94	31.00	34.38	31.40	30.84	28.41	30.91	40.71	34.08	34.21	36.07	36.57	37.25	47.80	61.87	54.59	46.51	42.91	37.27	37.47	39.90
24261	2.51	1.88	1.83	1.84	1.76	1.70	1.68	1.53	1.50	1.58	2.18	1.87	2.01	2.19	2.37	2.42	3.02	3.97	3.53	3.05	2.83	2.52	2.46	2.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	47.61	35.83	33.89	32.28	31.39	35.03	31.84	31.37	28.78	31.34	41.32	34.56	34.66	36.50	36.92	37.65	48.53	62.57	55.13	46.85	43.15	37.42	37.68	40.21
24011	3.13	2.48	2.27	2.19	2.16	2.35	2.12	2.06	1.87	2.01	2.79	2.36	2.46	2.63	2.72	2.82	3.76	4.68	4.08	3.39	3.06	2.66	2.67	2.70
	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 RESOURCE___RCVRY	47.93	36.09	34.06	32.43	31.56	35.20	31.99	31.51	28.94	31.58	41.65	34.81	34.94	36.80	37.24	37.95	49.03	63.12	55.62	47.22	43.45	37.70	37.96	40.46
23798	3.45	2.73	2.43	2.34	2.33	2.52	2.27	2.20	2.02	2.25	3.12	2.61	2.74	2.93	3.03	3.12	4.25	5.23	4.56	3.76	3.37	2.94	2.95	2.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	47.61	35.83	33.89	32.28	31.39	35.03	31.84	31.37	28.78	31.34	41.32	34.56	34.66	36.50	36.92	37.65	48.53	62.57	55.13	46.85	43.15	37.42	37.68	40.21
24028	3.13	2.48	2.27	2.19	2.16	2.35	2.12	2.06	1.87	2.01	2.79	2.36	2.46	2.63	2.72	2.82	3.76	4.68	4.08	3.39	3.06	2.66	2.67	2.70
	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_NYS___DAM	46.72	35.17	33.44	31.87	30.95	34.52	31.36	30.88	28.32	30.76	40.41	33.80	33.85	35.67	36.06	36.66	46.96	60.49	53.37	45.43	41.92	36.50	36.72	39.31
23527	2.24	1.81	1.81	1.77	1.71	1.84	1.64	1.57	1.41	1.43	1.88	1.60	1.65	1.79	1.86	1.84	2.17	2.60	2.31	1.97	1.84	1.73	1.72	1.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.13	34.25	32.54	31.00	30.11	33.57	30.48	29.96	27.35	29.73	39.03	32.70	32.75	34.55	34.89	35.50	45.39	58.52	51.63	44.02	40.62	35.34	35.58	38.04
24190	0.65	0.89	0.91	0.91	0.87	0.89	0.76	0.65	0.44	0.40	0.50	0.50	0.55	0.67	0.69	0.68	0.61	0.62	0.57	0.56	0.54	0.57	0.57	0.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	44.87	33.35	31.47	29.87	28.98	32.54	29.64	29.27	26.91	29.35	38.58	32.21	32.21	33.81	34.07	34.62	44.59	57.68	50.86	43.30	40.00	34.65	34.86	37.45
355683	0.40	-0.01	-0.15	-0.22	-0.26	-0.14	-0.08	-0.05	-0.01	0.02	0.05	0.00	0.01	-0.07	-0.14	-0.21	-0.19	-0.21	-0.20	-0.16	-0.08	-0.11	-0.15	-0.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.93	34.71	32.98	31.42	30.53	34.02	30.87	30.39	27.74	30.02	39.45	33.05	33.07	34.94	35.31	36.07	46.31	59.77	52.73	44.91	41.44	35.99	36.23	38.76
323833	1.45	1.36	1.36	1.32	1.29	1.35	1.15	1.08	0.83	0.69	0.92	0.84	0.87	1.06	1.10	1.24	1.53	1.88	1.67	1.45	1.36	1.23	1.23	1.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.91	34.70	32.98	31.41	30.52	34.02	30.87	30.39	27.73	30.01	39.44	33.04	33.06	34.93	35.30	36.05	46.30	59.76	52.70	44.89	41.41	35.98	36.22	38.75
323834	1.43	1.35	1.36	1.32	1.28	1.34	1.14	1.08	0.82	0.68	0.91	0.84	0.86	1.06	1.10	1.22	1.52	1.87	1.64	1.43	1.33	1.22	1.21	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	45.13	34.25	32.54	31.00	30.11	33.57	30.48	29.96	27.35	29.73	39.03	32.70	32.75	34.55	34.89	35.50	45.39	58.52	51.63	44.02	40.62	35.34	35.58	38.04
23571	0.65	0.89	0.91	0.91	0.87	0.89	0.76	0.65	0.44	0.40	0.50	0.50	0.55	0.67	0.69	0.68	0.61	0.62	0.57	0.56	0.54	0.57	0.57	0.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	45.13 0.65 0.00	34.25 0.89 0.00	32.54 0.91 0.00	31.00 0.91 0.00	30.11 0.87 0.00	33.57 0.89 0.00	30.48 0.76 0.00	29.96 0.65 0.00	27.35 0.44 0.00	29.73 0.40 0.00	39.03 0.50 0.00	32.70 0.50 0.00	32.75 0.55 0.00	34.55 0.67 0.00	34.89 0.69 0.00	35.50 0.68 0.00	45.39 0.61 0.00	58.52 0.62 0.00	51.63 0.57 0.00	44.02 0.56 0.00	40.62 0.54 0.00	35.34 0.57 0.00	35.58 0.57 0.00	38.04 0.53 0.00
ALBANY___3 23573	45.13 0.65 0.00	34.25 0.89 0.00	32.54 0.91 0.00	31.00 0.91 0.00	30.11 0.87 0.00	33.57 0.89 0.00	30.48 0.76 0.00	29.96 0.65 0.00	27.35 0.44 0.00	29.73 0.40 0.00	39.03 0.50 0.00	32.70 0.50 0.00	32.75 0.55 0.00	34.55 0.67 0.00	34.89 0.69 0.00	35.50 0.68 0.00	45.39 0.61 0.00	58.52 0.62 0.00	51.63 0.57 0.00	44.02 0.56 0.00	40.62 0.54 0.00	35.34 0.57 0.00	35.58 0.57 0.00	38.04 0.53 0.00
ALBANY___4 23574	45.13 0.65 0.00	34.25 0.89 0.00	32.54 0.91 0.00	31.00 0.91 0.00	30.11 0.87 0.00	33.57 0.89 0.00	30.48 0.76 0.00	29.96 0.65 0.00	27.35 0.44 0.00	29.73 0.40 0.00	39.03 0.50 0.00	32.70 0.50 0.00	32.75 0.55 0.00	34.55 0.67 0.00	34.89 0.69 0.00	35.50 0.68 0.00	45.39 0.61 0.00	58.52 0.62 0.00	51.63 0.57 0.00	44.02 0.56 0.00	40.62 0.54 0.00	35.34 0.57 0.00	35.58 0.57 0.00	38.04 0.53 0.00
ALBANY___LFGE 323615	45.55 1.08 0.00	34.54 1.18 0.00	32.80 1.17 0.00	31.26 1.16 0.00	30.36 1.12 0.00	33.85 1.17 0.00	30.73 1.02 0.00	30.23 0.92 0.00	27.61 0.70 0.00	30.01 0.67 0.00	39.43 0.90 0.00	33.04 0.83 0.00	33.09 0.89 0.00	34.92 1.04 0.00	35.26 1.06 0.00	35.88 1.05 0.00	45.88 1.10 0.00	59.15 1.25 0.00	52.19 1.13 0.00	44.49 1.03 0.00	41.03 0.95 0.00	35.67 0.91 0.00	35.92 0.91 0.00	38.40 0.89 0.00
ALCOA_PA_115KV_PL-6C 55860	45.15 0.68 0.00	33.55 0.19 0.00	31.66 0.03 0.00	30.04 -0.05 0.00	29.14 -0.09 0.00	32.72 0.05 0.00	29.84 0.12 0.00	29.45 0.14 0.00	27.09 0.17 0.00	29.54 0.21 0.00	38.82 0.29 0.00	32.41 0.21 0.00	32.40 0.20 0.00	34.01 0.13 0.00	34.27 0.06 0.00	34.78 -0.04 0.00	44.80 0.02 0.00	57.93 0.03 0.00	51.09 0.02 0.00	43.51 0.05 0.00	40.23 0.15 0.00	34.86 0.10 0.00	35.07 0.06 0.00	37.68 0.17 0.00
ALCOA_RYNLDS___DRP 24188	45.15 0.68 0.00	33.55 0.19 0.00	31.66 0.03 0.00	30.04 -0.05 0.00	29.14 -0.09 0.00	32.72 0.05 0.00	29.84 0.12 0.00	29.45 0.14 0.00	27.09 0.17 0.00	29.54 0.21 0.00	38.82 0.29 0.00	32.41 0.21 0.00	32.40 0.20 0.00	34.01 0.13 0.00	34.27 0.06 0.00	34.78 -0.04 0.00	44.80 0.02 0.00	57.93 0.03 0.00	51.09 0.02 0.00	43.51 0.05 0.00	40.23 0.15 0.00	34.86 0.10 0.00	35.07 0.06 0.00	37.68 0.17 0.00
ALCOA___DSASP 323711	45.15 0.68 0.00	33.55 0.19 0.00	31.66 0.03 0.00	30.04 -0.05 0.00	29.14 -0.09 0.00	32.72 0.05 0.00	29.84 0.12 0.00	29.45 0.14 0.00	27.09 0.17 0.00	29.54 0.21 0.00	38.82 0.29 0.00	32.41 0.21 0.00	32.40 0.20 0.00	34.01 0.13 0.00	34.27 0.06 0.00	34.78 -0.04 0.00	44.80 0.02 0.00	57.93 0.03 0.00	51.09 0.02 0.00	43.51 0.05 0.00	40.23 0.15 0.00	34.86 0.10 0.00	35.07 0.06 0.00	37.68 0.17 0.00
ALLEGHENY___COGEN 23514	29.37 -1.94 13.16	21.71 -1.49 10.16	28.00 -1.48 2.15	26.55 -1.51 2.03	23.94 -1.29 4.00	31.51 -1.17 0.00	28.83 -0.88 0.00	28.80 -0.51 0.00	26.30 -0.61 0.00	28.65 -0.68 0.00	37.08 -1.45 0.00	19.76 -1.43 11.02	31.08 -1.12 0.00	26.67 -1.14 6.06	18.84 -1.09 14.27	19.30 -0.99 14.53	36.79 -0.98 7.01	41.53 -0.99 15.37	39.58 -0.87 10.61	39.18 -0.82 3.46	39.39 -0.68 0.00	29.10 -0.74 4.92	34.45 -0.55 0.00	37.33 -0.18 0.00
ALTAMONT_115KV_TB 2 55880	45.38 0.90 0.00	34.25 0.89 0.00	32.55 0.92 0.00	31.02 0.92 0.00	30.12 0.89 0.00	33.58 0.90 0.00	30.48 0.76 0.00	29.99 0.68 0.00	27.48 0.57 0.00	29.88 0.55 0.00	39.24 0.71 0.00	32.85 0.64 0.00	32.88 0.68 0.00	34.68 0.80 0.00	35.05 0.85 0.00	35.70 0.87 0.00	45.78 1.00 0.00	59.12 1.22 0.00	52.15 1.09 0.00	44.41 0.95 0.00	40.97 0.89 0.00	35.59 0.82 0.00	35.83 0.82 0.00	38.32 0.81 0.00
ALTONA_WT_PWR 323606	45.06 0.59 0.00	33.46 0.11 0.00	31.25 -0.38 0.00	29.51 -0.59 0.00	28.55 -0.69 0.00	32.12 -0.56 0.00	29.28 -0.44 0.00	28.82 -0.49 0.00	26.43 -0.48 0.00	28.77 -0.56 0.00	37.84 -0.69 0.00	31.58 -0.63 0.00	31.50 -0.70 0.00	33.09 -0.79 0.00	33.32 -0.89 0.00	33.91 -0.91 0.00	43.72 -1.06 0.00	56.57 -1.32 0.00	49.85 -1.21 0.00	42.46 -1.00 0.00	39.27 -0.81 0.00	33.99 -0.77 0.00	34.21 -0.80 0.00	36.70 -0.81 0.00
AMERICAN_REF_FUEL 24010	32.56 -4.75 7.17	24.31 -3.51 5.54	27.00 -3.46 1.17	25.49 -3.50 1.11	23.83 -3.22 2.18	29.42 -3.26 0.00	26.83 -2.89 0.00	26.81 -2.50 0.00	24.50 -2.42 0.00	26.76 -2.57 0.00	35.05 -3.48 0.00	23.16 -2.60 6.44	29.47 -2.73 0.00	27.68 -2.89 3.31	23.21 -3.01 7.98	23.84 -3.06 7.92	36.51 -4.45 3.82	43.72 -5.79 8.38	40.01 -5.27 5.78	30.47 -4.55 8.44	35.76 -4.32 0.00	28.24 -3.83 2.68	31.62 -3.38 0.00	34.96 -2.56 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.22 -5.30 8.96	22.60 -3.84 6.91	26.38 -3.78 1.46	25.17 -3.55 1.38	23.14 -3.37 2.72	29.18 -3.50 0.00	26.64 -3.08 0.00	26.66 -2.65 0.00	24.33 -2.59 0.00	26.67 -2.66 0.00	34.86 -3.67 0.00	21.13 -3.07 8.01	29.28 -2.92 0.00	26.52 -3.23 4.13	20.93 -3.32 9.95	21.51 -3.43 9.89	35.53 -4.48 4.77	41.70 -5.73 10.46	38.86 -4.98 7.22	29.59 -4.24 9.63	36.55 -3.53 0.00	28.16 -3.25 3.35	32.18 -2.83 0.00	34.99 -2.52 0.00
ARTHUR KILL_GT_1 23520	46.84 2.36 0.00	35.19 1.83 0.00	33.44 1.81 0.00	31.91 1.82 0.00	30.97 1.74 0.00	34.36 1.69 0.00	31.40 1.67 0.00	30.82 1.52 0.00	28.41 1.50 0.00	30.83 1.51 0.00	40.61 2.08 0.00	33.98 1.78 0.00	34.01 1.81 0.00	35.92 2.04 0.00	36.45 2.25 0.00	37.12 2.29 0.00	47.62 2.84 0.00	61.57 3.67 0.00	54.42 3.36 0.00	46.50 3.04 0.00	42.89 2.81 0.00	37.26 2.50 0.00	37.40 2.39 0.00	39.90 2.39 0.00
ARTHUR_KILL_2 23512	46.72 2.24 0.00	35.11 1.75 0.00	33.36 1.73 0.00	31.84 1.75 0.00	30.90 1.67 0.00	34.28 1.60 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.43 0.00	30.77 1.44 0.00	40.52 1.99 0.00	33.93 1.73 0.00	33.94 1.74 0.00	35.84 1.96 0.00	36.38 2.17 0.00	37.04 2.21 0.00	47.50 2.72 0.00	61.40 3.51 0.00	54.28 3.22 0.00	46.38 2.92 0.00	42.77 2.69 0.00	37.16 2.39 0.00	37.30 2.29 0.00	39.79 2.28 0.00
ARTHUR_KILL_3 23513	46.58 2.10 0.00	34.95 1.60 0.00	33.18 1.55 0.00	31.68 1.59 0.00	30.75 1.52 0.00	34.10 1.42 0.00	31.15 1.43 0.00	30.59 1.28 0.00	28.18 1.27 0.00	30.65 1.32 0.00	40.34 1.81 0.00	33.77 1.56 0.00	33.88 1.68 0.00	35.74 1.86 0.00	36.24 2.04 0.00	36.91 2.08 0.00	47.36 2.58 0.00	61.28 3.39 0.00	54.07 3.01 0.00	46.07 2.62 0.00	42.54 2.46 0.00	36.94 2.19 0.00	37.14 2.13 0.00	39.56 2.05 0.00

ARTHUR_KILL_COGEN 323718	46.84 2.36 0.00	35.18 1.82 0.00	33.44 1.81 0.00	31.91 1.82 0.00	30.97 1.74 0.00	34.36 1.68 0.00	31.40 1.68 0.00	30.82 1.52 0.00	28.41 1.50 0.00	30.83 1.50 0.00	40.61 2.08 0.00	34.00 1.79 0.00	34.01 1.81 0.00	35.91 2.04 0.00	36.46 2.26 0.00	37.13 2.30 0.00	47.62 2.84 0.00	61.58 3.68 0.00	54.43 3.37 0.00	46.51 3.05 0.00	42.89 2.81 0.00	37.26 2.50 0.00	37.40 2.39 0.00	39.90 2.39 0.00
ASHOKAN____ 23654	46.35 1.87 0.00	34.89 1.53 0.00	33.11 1.48 0.00	31.55 1.46 0.00	30.65 1.41 0.00	34.13 1.45 0.00	30.98 1.26 0.00	30.54 1.24 0.00	28.02 1.11 0.00	30.21 0.88 0.00	39.82 1.29 0.00	33.14 0.94 0.00	33.21 1.00 0.00	35.11 1.23 0.00	35.64 1.44 0.00	36.57 1.75 0.00	47.28 2.50 0.00	61.30 3.41 0.00	54.09 3.03 0.00	45.99 2.53 0.00	42.37 2.29 0.00	36.72 1.96 0.00	36.86 1.85 0.00	39.29 1.78 0.00
ASTORIA_EAST_ENERGY_CC1 323581	46.61 2.13 0.00	35.07 1.72 0.00	33.33 1.70 0.00	31.81 1.71 0.00	30.88 1.65 0.00	34.23 1.55 0.00	31.26 1.54 0.00	30.63 1.32 0.00	28.26 1.34 0.00	30.71 1.38 0.00	40.46 1.93 0.00	34.00 1.80 0.00	33.96 1.76 0.00	35.83 1.96 0.00	36.39 2.19 0.00	37.00 2.18 0.00	47.42 2.63 0.00	61.41 3.52 0.00	54.30 3.24 0.00	46.27 2.81 0.00	42.68 2.60 0.00	37.10 2.34 0.00	37.21 2.20 0.00	39.71 2.20 0.00
ASTORIA_EAST_ENERGY_CC2 323582	46.60 2.12 0.00	35.07 1.71 0.00	33.32 1.69 0.00	31.79 1.70 0.00	30.87 1.64 0.00	34.23 1.55 0.00	31.24 1.52 0.00	30.62 1.31 0.00	28.24 1.33 0.00	30.70 1.37 0.00	40.44 1.90 0.00	33.99 1.79 0.00	33.95 1.75 0.00	35.81 1.93 0.00	36.37 2.17 0.00	36.99 2.16 0.00	47.40 2.62 0.00	61.38 3.49 0.00	54.27 3.21 0.00	46.24 2.78 0.00	42.66 2.57 0.00	37.09 2.33 0.00	37.19 2.19 0.00	39.69 2.18 0.00
ASTORIA_GT2_1 24094	46.61 2.13 0.00	35.08 1.72 0.00	33.34 1.71 0.00	31.81 1.71 0.00	30.88 1.64 0.00	34.23 1.55 0.00	31.25 1.53 0.00	30.63 1.32 0.00	28.26 1.34 0.00	30.71 1.38 0.00	40.46 1.93 0.00	33.99 1.79 0.00	33.97 1.77 0.00	35.84 1.96 0.00	36.38 2.17 0.00	36.99 2.16 0.00	47.42 2.64 0.00	61.41 3.52 0.00	54.30 3.24 0.00	46.26 2.80 0.00	42.67 2.59 0.00	37.10 2.34 0.00	37.21 2.21 0.00	39.71 2.20 0.00
ASTORIA_GT2_2 24095	46.61 2.13 0.00	35.08 1.72 0.00	33.34 1.71 0.00	31.81 1.71 0.00	30.88 1.64 0.00	34.23 1.55 0.00	31.25 1.53 0.00	30.63 1.32 0.00	28.26 1.34 0.00	30.71 1.38 0.00	40.46 1.93 0.00	33.99 1.79 0.00	33.97 1.77 0.00	35.84 1.96 0.00	36.38 2.17 0.00	36.99 2.16 0.00	47.42 2.64 0.00	61.41 3.52 0.00	54.30 3.24 0.00	46.26 2.80 0.00	42.67 2.59 0.00	37.10 2.34 0.00	37.21 2.21 0.00	39.71 2.20 0.00
ASTORIA_GT2_3 24096	46.61 2.13 0.00	35.08 1.72 0.00	33.34 1.71 0.00	31.81 1.71 0.00	30.88 1.64 0.00	34.23 1.55 0.00	31.25 1.53 0.00	30.63 1.32 0.00	28.26 1.34 0.00	30.71 1.38 0.00	40.46 1.93 0.00	33.99 1.79 0.00	33.97 1.77 0.00	35.84 1.96 0.00	36.38 2.17 0.00	36.99 2.16 0.00	47.42 2.64 0.00	61.41 3.52 0.00	54.30 3.24 0.00	46.26 2.80 0.00	42.67 2.59 0.00	37.10 2.34 0.00	37.21 2.21 0.00	39.71 2.20 0.00
ASTORIA_GT2_4 24097	46.61 2.13 0.00	35.08 1.72 0.00	33.34 1.71 0.00	31.81 1.71 0.00	30.88 1.64 0.00	34.23 1.55 0.00	31.25 1.53 0.00	30.63 1.32 0.00	28.26 1.34 0.00	30.71 1.38 0.00	40.46 1.93 0.00	33.99 1.79 0.00	33.97 1.77 0.00	35.84 1.96 0.00	36.38 2.17 0.00	36.99 2.16 0.00	47.42 2.64 0.00	61.41 3.52 0.00	54.30 3.24 0.00	46.26 2.80 0.00	42.67 2.59 0.00	37.10 2.34 0.00	37.21 2.21 0.00	39.71 2.20 0.00
ASTORIA_GT3_1 24098	46.61 2.13 0.00	35.08 1.72 0.00	33.34 1.71 0.00	31.81 1.71 0.00	30.88 1.64 0.00	34.23 1.55 0.00	31.25 1.53 0.00	30.63 1.32 0.00	28.26 1.34 0.00	30.71 1.38 0.00	40.46 1.93 0.00	33.99 1.79 0.00	33.97 1.77 0.00	35.84 1.96 0.00	36.38 2.17 0.00	36.99 2.16 0.00	47.42 2.64 0.00	61.41 3.52 0.00	54.30 3.24 0.00	46.26 2.80 0.00	42.67 2.59 0.00	37.10 2.34 0.00	37.21 2.21 0.00	39.71 2.20 0.00
ASTORIA_GT3_2 24099	46.61 2.13 0.00	35.08 1.72 0.00	33.34 1.71 0.00	31.81 1.71 0.00	30.88 1.64 0.00	34.23 1.55 0.00	31.25 1.53 0.00	30.63 1.32 0.00	28.26 1.34 0.00	30.71 1.38 0.00	40.46 1.93 0.00	33.99 1.79 0.00	33.97 1.77 0.00	35.84 1.96 0.00	36.38 2.17 0.00	36.99 2.16 0.00	47.42 2.64 0.00	61.41 3.52 0.00	54.30 3.24 0.00	46.26 2.80 0.00	42.67 2.59 0.00	37.10 2.34 0.00	37.21 2.21 0.00	39.71 2.20 0.00
ASTORIA_GT3_3 24100	46.61 2.13 0.00	35.08 1.72 0.00	33.34 1.71 0.00	31.81 1.71 0.00	30.88 1.64 0.00	34.23 1.55 0.00	31.25 1.53 0.00	30.63 1.32 0.00	28.26 1.34 0.00	30.71 1.38 0.00	40.46 1.93 0.00	33.99 1.79 0.00	33.97 1.77 0.00	35.84 1.96 0.00	36.38 2.17 0.00	36.99 2.16 0.00	47.42 2.64 0.00	61.41 3.52 0.00	54.30 3.24 0.00	46.26 2.80 0.00	42.67 2.59 0.00	37.10 2.34 0.00	37.21 2.21 0.00	39.71 2.20 0.00
ASTORIA_GT3_4 24101	46.61 2.13 0.00	35.08 1.72 0.00	33.34 1.71 0.00	31.81 1.71 0.00	30.88 1.64 0.00	34.23 1.55 0.00	31.25 1.53 0.00	30.63 1.32 0.00	28.26 1.34 0.00	30.71 1.38 0.00	40.46 1.93 0.00	33.99 1.79 0.00	33.97 1.77 0.00	35.84 1.96 0.00	36.38 2.17 0.00	36.99 2.16 0.00	47.42 2.64 0.00	61.41 3.52 0.00	54.30 3.24 0.00	46.26 2.80 0.00	42.67 2.59 0.00	37.10 2.34 0.00	37.21 2.21 0.00	39.71 2.20 0.00
ASTORIA_GT4_1 24102	46.61 2.13 0.00	35.08 1.72 0.00	33.34 1.71 0.00	31.81 1.71 0.00	30.88 1.64 0.00	34.23 1.55 0.00	31.25 1.53 0.00	30.63 1.32 0.00	28.26 1.34 0.00	30.71 1.38 0.00	40.46 1.93 0.00	33.99 1.79 0.00	33.97 1.77 0.00	35.84 1.96 0.00	36.38 2.17 0.00	36.99 2.16 0.00	47.42 2.64 0.00	61.41 3.52 0.00	54.30 3.24 0.00	46.26 2.80 0.00	42.67 2.59 0.00	37.10 2.34 0.00	37.21 2.21 0.00	39.71 2.20 0.00
ASTORIA_GT4_2 24103	46.61 2.13 0.00	35.08 1.72 0.00	33.34 1.71 0.00	31.81 1.71 0.00	30.88 1.64 0.00	34.23 1.55 0.00	31.25 1.53 0.00	30.63 1.32 0.00	28.26 1.34 0.00	30.71 1.38 0.00	40.46 1.93 0.00	33.99 1.79 0.00	33.97 1.77 0.00	35.84 1.96 0.00	36.38 2.17 0.00	36.99 2.16 0.00	47.42 2.64 0.00	61.41 3.52 0.00	54.30 3.24 0.00	46.26 2.80 0.00	42.67 2.59 0.00	37.10 2.34 0.00	37.21 2.21 0.00	39.71 2.20 0.00
ASTORIA_GT4_3 24104	46.61 2.13 0.00	35.08 1.72 0.00	33.34 1.71 0.00	31.81 1.71 0.00	30.88 1.64 0.00	34.23 1.55 0.00	31.25 1.53 0.00	30.63 1.32 0.00	28.26 1.34 0.00	30.71 1.38 0.00	40.46 1.93 0.00	33.99 1.79 0.00	33.97 1.77 0.00	35.84 1.96 0.00	36.38 2.17 0.00	36.99 2.16 0.00	47.42 2.64 0.00	61.41 3.52 0.00	54.30 3.24 0.00	46.26 2.80 0.00	42.67 2.59 0.00	37.10 2.34 0.00	37.21 2.21 0.00	39.71 2.20 0.00

ASTORIA_GT4_4 24105	46.61 2.13 0.00	35.08 1.72 0.00	33.34 1.71 0.00	31.81 1.71 0.00	30.88 1.64 0.00	34.23 1.55 0.00	31.25 1.53 0.00	30.63 1.32 0.00	28.26 1.34 0.00	30.71 1.38 0.00	40.46 1.93 0.00	33.99 1.79 0.00	33.97 1.77 0.00	35.84 1.96 0.00	36.38 2.17 0.00	36.99 2.16 0.00	47.42 2.64 0.00	61.41 3.52 0.00	54.30 3.24 0.00	46.26 2.80 0.00	42.67 2.59 0.00	37.10 2.34 0.00	37.21 2.21 0.00	39.71 2.20 0.00
ASTORIA_GT_1 23523	46.68 2.20 0.00	35.13 1.77 0.00	33.38 1.75 0.00	31.85 1.76 0.00	30.92 1.69 0.00	34.29 1.61 0.00	31.30 1.58 0.00	30.68 1.37 0.00	28.30 1.39 0.00	30.77 1.43 0.00	40.53 2.00 0.00	34.05 1.84 0.00	34.03 1.83 0.00	35.89 2.01 0.00	36.44 2.24 0.00	37.06 2.23 0.00	47.50 2.72 0.00	61.53 3.64 0.00	54.40 3.35 0.00	46.35 2.88 0.00	42.75 2.67 0.00	37.17 2.41 0.00	37.28 2.27 0.00	39.78 2.27 0.00
ASTORIA_GT_10 24110	46.70 2.22 0.00	35.02 1.67 0.00	33.23 1.61 0.00	31.74 1.65 0.00	30.81 1.58 0.00	34.13 1.45 0.00	31.18 1.46 0.00	30.61 1.30 0.00	28.24 1.33 0.00	30.71 1.38 0.00	40.41 1.88 0.00	33.89 1.69 0.00	33.97 1.77 0.00	35.83 1.95 0.00	36.34 2.14 0.00	37.00 2.18 0.00	47.40 2.62 0.00	61.32 3.43 0.00	54.16 3.10 0.00	46.17 2.71 0.00	42.60 2.52 0.00	37.05 2.29 0.00	37.20 2.19 0.00	39.61 2.10 0.00
ASTORIA_GT_11 24225	46.70 2.22 0.00	35.02 1.67 0.00	33.23 1.61 0.00	31.74 1.65 0.00	30.81 1.58 0.00	34.13 1.45 0.00	31.18 1.46 0.00	30.61 1.30 0.00	28.24 1.33 0.00	30.71 1.38 0.00	40.41 1.88 0.00	33.89 1.69 0.00	33.97 1.77 0.00	35.83 1.95 0.00	36.34 2.14 0.00	37.00 2.18 0.00	47.40 2.62 0.00	61.32 3.43 0.00	54.16 3.10 0.00	46.17 2.71 0.00	42.60 2.52 0.00	37.05 2.29 0.00	37.20 2.19 0.00	39.61 2.10 0.00
ASTORIA_GT_12 24226	46.70 2.22 0.00	35.02 1.67 0.00	33.23 1.61 0.00	31.74 1.65 0.00	30.81 1.58 0.00	34.13 1.45 0.00	31.18 1.46 0.00	30.61 1.30 0.00	28.24 1.33 0.00	30.71 1.38 0.00	40.41 1.88 0.00	33.89 1.69 0.00	33.97 1.77 0.00	35.83 1.95 0.00	36.34 2.14 0.00	37.00 2.18 0.00	47.40 2.62 0.00	61.32 3.43 0.00	54.16 3.10 0.00	46.17 2.71 0.00	42.60 2.52 0.00	37.05 2.29 0.00	37.20 2.19 0.00	39.61 2.10 0.00
ASTORIA_GT_13 24227	46.70 2.22 0.00	35.02 1.67 0.00	33.23 1.61 0.00	31.74 1.65 0.00	30.81 1.58 0.00	34.13 1.45 0.00	31.18 1.46 0.00	30.61 1.30 0.00	28.24 1.33 0.00	30.71 1.38 0.00	40.41 1.88 0.00	33.89 1.69 0.00	33.97 1.77 0.00	35.83 1.95 0.00	36.34 2.14 0.00	37.00 2.18 0.00	47.40 2.62 0.00	61.32 3.43 0.00	54.16 3.10 0.00	46.17 2.71 0.00	42.60 2.52 0.00	37.05 2.29 0.00	37.20 2.19 0.00	39.61 2.10 0.00
ASTORIA_GT_5 24106	46.68 2.20 0.00	35.13 1.77 0.00	33.38 1.75 0.00	31.85 1.76 0.00	30.92 1.69 0.00	34.29 1.61 0.00	31.30 1.58 0.00	30.68 1.37 0.00	28.30 1.39 0.00	30.77 1.43 0.00	40.53 2.00 0.00	34.05 1.84 0.00	34.03 1.83 0.00	35.89 2.01 0.00	36.44 2.24 0.00	37.06 2.23 0.00	47.50 2.72 0.00	61.53 3.64 0.00	54.40 3.35 0.00	46.35 2.88 0.00	42.75 2.67 0.00	37.17 2.41 0.00	37.28 2.27 0.00	39.78 2.27 0.00
ASTORIA_GT_7 24107	46.68 2.20 0.00	35.13 1.77 0.00	33.38 1.75 0.00	31.85 1.76 0.00	30.92 1.69 0.00	34.29 1.61 0.00	31.30 1.58 0.00	30.68 1.37 0.00	28.30 1.39 0.00	30.77 1.43 0.00	40.53 2.00 0.00	34.05 1.84 0.00	34.03 1.83 0.00	35.89 2.01 0.00	36.44 2.24 0.00	37.06 2.23 0.00	47.50 2.72 0.00	61.53 3.64 0.00	54.40 3.35 0.00	46.35 2.88 0.00	42.75 2.67 0.00	37.17 2.41 0.00	37.28 2.27 0.00	39.78 2.27 0.00
ASTORIA_GT_8 24108	46.68 2.20 0.00	35.13 1.77 0.00	33.38 1.75 0.00	31.85 1.76 0.00	30.92 1.69 0.00	34.29 1.61 0.00	31.30 1.58 0.00	30.68 1.37 0.00	28.30 1.39 0.00	30.77 1.43 0.00	40.53 2.00 0.00	34.05 1.84 0.00	34.03 1.83 0.00	35.89 2.01 0.00	36.44 2.24 0.00	37.06 2.23 0.00	47.50 2.72 0.00	61.53 3.64 0.00	54.40 3.35 0.00	46.35 2.88 0.00	42.75 2.67 0.00	37.17 2.41 0.00	37.28 2.27 0.00	39.78 2.27 0.00
ASTORIA___2 24149	46.61 2.13 0.00	35.07 1.72 0.00	33.33 1.70 0.00	31.81 1.71 0.00	30.88 1.65 0.00	34.23 1.55 0.00	31.26 1.54 0.00	30.63 1.32 0.00	28.26 1.34 0.00	30.71 1.38 0.00	40.46 1.93 0.00	34.00 1.80 0.00	33.96 1.76 0.00	35.83 1.96 0.00	36.39 2.19 0.00	37.00 2.18 0.00	47.42 2.63 0.00	61.41 3.52 0.00	54.30 3.24 0.00	46.27 2.81 0.00	42.68 2.60 0.00	37.10 2.34 0.00	37.21 2.20 0.00	39.71 2.20 0.00
ASTORIA___3 23516	46.70 2.22 0.00	35.02 1.66 0.00	33.23 1.60 0.00	31.74 1.65 0.00	30.81 1.58 0.00	34.13 1.45 0.00	31.18 1.46 0.00	30.61 1.30 0.00	28.24 1.33 0.00	30.71 1.38 0.00	40.41 1.88 0.00	33.90 1.69 0.00	33.96 1.76 0.00	35.83 1.95 0.00	36.35 2.15 0.00	37.02 2.19 0.00	47.40 2.62 0.00	61.32 3.43 0.00	54.17 3.11 0.00	46.17 2.71 0.00	42.61 2.53 0.00	37.05 2.29 0.00	37.19 2.19 0.00	39.61 2.10 0.00
ASTORIA___4 23517	46.70 2.22 0.00	35.02 1.67 0.00	33.23 1.61 0.00	31.74 1.65 0.00	30.81 1.58 0.00	34.13 1.45 0.00	31.18 1.46 0.00	30.61 1.30 0.00	28.24 1.33 0.00	30.71 1.38 0.00	40.41 1.88 0.00	33.89 1.69 0.00	33.97 1.77 0.00	35.83 1.95 0.00	36.34 2.14 0.00	37.00 2.18 0.00	47.40 2.62 0.00	61.32 3.43 0.00	54.16 3.10 0.00	46.17 2.71 0.00	42.60 2.52 0.00	37.05 2.29 0.00	37.20 2.19 0.00	39.61 2.10 0.00
ASTORIA___5 23518	46.70 2.22 0.00	35.02 1.66 0.00	33.23 1.60 0.00	31.74 1.65 0.00	30.81 1.58 0.00	34.13 1.45 0.00	31.18 1.46 0.00	30.61 1.30 0.00	28.24 1.33 0.00	30.71 1.38 0.00	40.41 1.88 0.00	33.90 1.69 0.00	33.96 1.76 0.00	35.83 1.95 0.00	36.35 2.15 0.00	37.01 2.18 0.00	47.40 2.62 0.00	61.32 3.43 0.00	54.17 3.11 0.00	46.17 2.71 0.00	42.61 2.53 0.00	37.05 2.29 0.00	37.19 2.19 0.00	39.61 2.10 0.00
AST_ENERGY_2_CC3 323677	46.13 1.65 0.00	34.80 1.45 0.00	33.12 1.50 0.00	31.61 1.52 0.00	30.69 1.45 0.00	34.02 1.34 0.00	31.05 1.33 0.00	30.31 1.00 0.00	27.96 1.05 0.00	30.39 1.06 0.00	40.03 1.50 0.00	33.73 1.52 0.00	33.75 1.55 0.00	35.56 1.68 0.00	36.12 1.92 0.00	36.69 1.86 0.00	46.92 2.14 0.00	60.78 2.88 0.00	53.74 2.68 0.00	45.79 2.33 0.00	42.24 2.16 0.00	36.75 1.99 0.00	36.90 1.89 0.00	39.30 1.79 0.00
AST_ENERGY_2_CC4 323678	46.13 1.65 0.00	34.80 1.45 0.00	33.12 1.50 0.00	31.61 1.52 0.00	30.69 1.45 0.00	34.02 1.34 0.00	31.05 1.33 0.00	30.31 1.00 0.00	27.96 1.05 0.00	30.39 1.06 0.00	40.03 1.50 0.00	33.73 1.52 0.00	33.75 1.55 0.00	35.56 1.68 0.00	36.12 1.92 0.00	36.69 1.86 0.00	46.92 2.14 0.00	60.78 2.88 0.00	53.74 2.68 0.00	45.79 2.33 0.00	42.24 2.16 0.00	36.75 1.99 0.00	36.90 1.89 0.00	39.30 1.79 0.00

ATHENS_STG_1 23668	45.66 1.19 0.00	34.37 1.02 0.00	32.69 1.06 0.00	31.16 1.06 0.00	30.26 1.02 0.00	33.69 1.01 0.00	30.58 0.86 0.00	30.08 0.77 0.00	27.63 0.71 0.00	30.06 0.73 0.00	39.54 1.02 0.00	33.07 0.87 0.00	33.13 0.93 0.00	34.92 1.05 0.00	35.33 1.13 0.00	36.00 1.17 0.00	46.23 1.45 0.00	59.78 1.88 0.00	52.72 1.67 0.00	44.90 1.44 0.00	41.41 1.33 0.00	35.96 1.20 0.00	36.17 1.17 0.00	38.65 1.14 0.00
ATHENS_STG_2 23670	45.66 1.19 0.00	34.37 1.02 0.00	32.69 1.06 0.00	31.16 1.06 0.00	30.26 1.02 0.00	33.69 1.01 0.00	30.58 0.86 0.00	30.08 0.77 0.00	27.63 0.71 0.00	30.06 0.73 0.00	39.54 1.02 0.00	33.07 0.87 0.00	33.13 0.93 0.00	34.92 1.05 0.00	35.33 1.13 0.00	36.00 1.17 0.00	46.23 1.45 0.00	59.78 1.88 0.00	52.72 1.67 0.00	44.90 1.44 0.00	41.41 1.33 0.00	35.96 1.20 0.00	36.17 1.17 0.00	38.65 1.14 0.00
ATHENS_STG_3 23677	45.66 1.19 0.00	34.37 1.02 0.00	32.69 1.06 0.00	31.16 1.06 0.00	30.26 1.02 0.00	33.69 1.01 0.00	30.58 0.86 0.00	30.08 0.77 0.00	27.63 0.71 0.00	30.06 0.73 0.00	39.54 1.02 0.00	33.07 0.87 0.00	33.13 0.93 0.00	34.92 1.05 0.00	35.33 1.13 0.00	36.00 1.17 0.00	46.23 1.45 0.00	59.78 1.88 0.00	52.72 1.67 0.00	44.90 1.44 0.00	41.41 1.33 0.00	35.96 1.20 0.00	36.17 1.17 0.00	38.65 1.14 0.00
AUBURN___LFGE 323710	47.22 -0.31 -3.05	35.50 -0.21 -2.36	31.85 -0.27 -0.50	30.29 -0.28 -0.47	30.08 -0.09 -0.93	32.61 -0.07 0.00	29.72 0.00 0.00	29.27 -0.04 0.00	26.97 0.06 0.00	29.43 0.10 0.00	38.56 0.03 0.00	34.90 -0.04 -2.74	32.16 -0.05 0.00	35.28 0.00 -1.41	37.64 0.04 -3.39	38.19 0.00 -3.37	46.39 -0.02 -1.63	61.48 0.02 -3.57	53.71 0.19 -2.46	46.38 0.10 -2.82	40.15 0.07 0.00	35.79 -0.11 -1.14	35.04 0.04 0.00	37.61 0.10 0.00
BABYLON_RES_REC 323704	46.68 2.20 0.00	35.15 1.80 0.00	33.38 1.76 0.00	31.80 1.71 0.00	30.85 1.62 0.00	34.35 1.67 0.00	31.29 1.57 0.00	30.56 1.25 0.00	28.22 1.30 0.00	30.58 1.25 0.00	40.63 2.10 0.00	33.67 1.47 0.00	33.79 1.59 0.00	35.79 1.91 0.00	36.64 2.24 -0.20	37.27 2.35 -0.09	48.27 3.07 -0.42	62.92 4.13 -0.89	55.39 3.67 -0.66	46.96 3.13 -0.36	48.22 2.93 -5.21	44.61 2.65 -7.21	45.02 2.64 -7.37	44.32 2.58 -4.22
BALL_HILL_WT_PWR 323825	31.83 -4.42 8.24	23.74 -3.26 6.36	27.12 -3.16 1.35	25.73 -3.09 1.27	23.85 -2.88 2.51	29.74 -2.93 0.00	27.14 -2.58 0.00	27.11 -2.20 0.00	24.78 -2.13 0.00	27.14 -2.19 0.00	35.55 -2.97 0.00	22.36 -2.45 7.40	29.82 -2.38 0.00	27.48 -2.60 3.80	22.31 -2.73 9.16	22.85 -2.88 9.10	36.56 -3.84 4.39	43.31 -4.96 9.62	40.02 -4.40 6.64	30.19 -3.88 9.39	36.70 -3.38 0.00	28.63 -3.05 3.08	32.39 -2.62 0.00	35.40 -2.12 0.00
BARON_WINDS___WT_PWR 323822	22.33 -4.64 17.51	16.35 -3.50 13.51	25.44 -3.33 2.86	24.21 -3.18 2.70	20.97 -2.94 5.32	29.52 -3.15 0.00	26.92 -2.80 0.00	26.84 -2.47 0.00	24.54 -2.37 0.00	26.57 -2.76 0.00	34.71 -3.81 0.00	12.11 -3.37 16.72	29.05 -3.15 0.00	22.52 -3.29 8.07	10.82 -3.45 19.94	12.02 -3.47 19.33	31.09 -4.37 9.32	31.69 -5.75 20.45	31.98 -4.97 14.11	8.25 -4.32 30.90	36.32 -3.76 0.00	24.93 -3.28 6.55	32.00 -3.00 0.00	34.67 -2.84 0.00
BARRETT_IC_1 23704	46.46 1.98 0.00	34.96 1.60 0.00	33.20 1.57 0.00	31.64 1.55 0.00	30.67 1.44 0.00	34.02 1.34 0.00	30.98 1.26 0.00	30.32 1.01 0.00	27.97 1.06 0.00	30.38 1.05 0.00	40.50 1.96 -0.01	33.61 1.40 0.00	33.74 1.54 0.00	35.74 1.84 -0.02	36.22 2.01 0.00	36.85 2.02 0.00	47.23 2.45 0.00	61.11 3.21 -0.01	53.93 2.86 -0.02	45.92 2.45 -0.01	46.82 2.30 -4.44	43.52 2.08 -6.68	83.46 2.14 -46.32	86.15 2.17 -46.46
BARRETT_IC_10 23701	46.46 1.98 0.00	34.96 1.60 0.00	33.20 1.57 0.00	31.64 1.55 0.00	30.67 1.44 0.00	34.02 1.34 0.00	30.98 1.26 0.00	30.32 1.01 0.00	27.97 1.06 0.00	30.38 1.05 0.00	40.50 1.96 -0.01	33.61 1.40 0.00	33.74 1.54 0.00	35.74 1.84 -0.02	36.22 2.01 0.00	36.85 2.02 0.00	47.23 2.45 0.00	61.11 3.21 -0.01	53.93 2.86 -0.02	45.92 2.45 -0.01	46.82 2.30 -4.44	43.52 2.08 -6.68	83.46 2.14 -46.32	86.15 2.17 -46.46
BARRETT_IC_11 23702	46.46 1.98 0.00	34.96 1.60 0.00	33.20 1.57 0.00	31.64 1.55 0.00	30.67 1.44 0.00	34.02 1.34 0.00	30.98 1.26 0.00	30.32 1.01 0.00	27.97 1.06 0.00	30.38 1.05 0.00	40.50 1.96 -0.01	33.61 1.40 0.00	33.74 1.54 0.00	35.74 1.84 -0.02	36.22 2.01 0.00	36.85 2.02 0.00	47.23 2.45 0.00	61.11 3.21 -0.01	53.93 2.86 -0.02	45.92 2.45 -0.01	46.82 2.30 -4.44	43.52 2.08 -6.68	83.46 2.14 -46.32	86.15 2.17 -46.46
BARRETT_IC_12 23703	46.46 1.98 0.00	34.96 1.60 0.00	33.20 1.57 0.00	31.64 1.55 0.00	30.67 1.44 0.00	34.02 1.34 0.00	30.98 1.26 0.00	30.32 1.01 0.00	27.97 1.06 0.00	30.38 1.05 0.00	40.50 1.96 -0.01	33.61 1.40 0.00	33.74 1.54 0.00	35.74 1.84 -0.02	36.22 2.01 0.00	36.85 2.02 0.00	47.23 2.45 0.00	61.11 3.21 -0.01	53.93 2.86 -0.02	45.92 2.45 -0.01	46.82 2.30 -4.44	43.52 2.08 -6.68	83.46 2.14 -46.32	86.15 2.17 -46.46
BARRETT_IC_2 23705	46.46 1.98 0.00	34.96 1.60 0.00	33.20 1.57 0.00	31.64 1.55 0.00	30.67 1.44 0.00	34.02 1.34 0.00	30.98 1.26 0.00	30.32 1.01 0.00	27.97 1.06 0.00	30.38 1.05 0.00	40.50 1.96 -0.01	33.61 1.40 0.00	33.74 1.54 0.00	35.74 1.84 -0.02	36.22 2.01 0.00	36.85 2.02 0.00	47.23 2.45 0.00	61.11 3.21 -0.01	53.93 2.86 -0.02	45.92 2.45 -0.01	46.82 2.30 -4.44	43.52 2.08 -6.68	83.46 2.14 -46.32	86.15 2.17 -46.46
BARRETT_IC_3 23706	46.46 1.98 0.00	34.96 1.60 0.00	33.20 1.57 0.00	31.64 1.55 0.00	30.67 1.44 0.00	34.02 1.34 0.00	30.98 1.26 0.00	30.32 1.01 0.00	27.97 1.06 0.00	30.38 1.05 0.00	40.50 1.96 -0.01	33.61 1.40 0.00	33.74 1.54 0.00	35.74 1.84 -0.02	36.22 2.01 0.00	36.85 2.02 0.00	47.23 2.45 0.00	61.11 3.21 -0.01	53.93 2.86 -0.02	45.92 2.45 -0.01	46.82 2.30 -4.44	43.52 2.08 -6.68	83.46 2.14 -46.32	86.15 2.17 -46.46
BARRETT_IC_4 23707	46.46 1.98 0.00	34.96 1.60 0.00	33.20 1.57 0.00	31.64 1.55 0.00	30.67 1.44 0.00	34.02 1.34 0.00	30.98 1.26 0.00	30.32 1.01 0.00	27.97 1.06 0.00	30.38 1.05 0.00	40.50 1.96 -0.01	33.61 1.40 0.00	33.74 1.54 0.00	35.74 1.84 -0.02	36.22 2.01 0.00	36.85 2.02 0.00	47.23 2.45 0.00	61.11 3.21 -0.01	53.93 2.86 -0.02	45.92 2.45 -0.01	46.82 2.30 -4.44	43.52 2.08 -6.68	83.46 2.14 -46.32	86.15 2.17 -46.46
BARRETT_IC_5 23708	46.46 1.98 0.00	34.96 1.60 0.00	33.20 1.57 0.00	31.64 1.55 0.00	30.67 1.44 0.00	34.02 1.34 0.00	30.98 1.26 0.00	30.32 1.01 0.00	27.97 1.06 0.00	30.38 1.05 0.00	40.50 1.96 -0.01	33.61 1.40 0.00	33.74 1.54 0.00	35.74 1.84 -0.02	36.22 2.01 0.00	36.85 2.02 0.00	47.23 2.45 0.00	61.11 3.21 -0.01	53.93 2.86 -0.02	45.92 2.45 -0.01	46.82 2.30 -4.44	43.52 2.08 -6.68	83.46 2.14 -46.32	86.15 2.17 -46.46

BARRETT_IC_6 23709	46.46 1.98 0.00	34.96 1.60 0.00	33.20 1.57 0.00	31.64 1.55 0.00	30.67 1.44 0.00	34.02 1.34 0.00	30.98 1.26 0.00	30.32 1.01 0.00	27.97 1.06 0.00	30.38 1.05 0.00	40.50 1.96 -0.01	33.61 1.40 0.00	33.74 1.54 0.00	35.74 1.84 -0.02	36.22 2.01 0.00	36.85 2.02 0.00	47.23 2.45 0.00	61.11 3.21 -0.01	53.93 2.86 -0.02	45.92 2.45 -0.01	46.82 2.30 -4.44	43.52 2.08 -6.68	83.46 2.14 -46.32	86.15 2.17 -46.46
BARRETT_IC_7 23710	46.46 1.98 0.00	34.96 1.60 0.00	33.20 1.57 0.00	31.65 1.55 0.00	30.67 1.44 0.00	34.01 1.33 0.00	30.98 1.26 0.00	30.31 1.01 0.00	27.97 1.06 0.00	30.38 1.05 0.00	40.50 1.96 -0.01	33.60 1.40 0.00	33.74 1.54 0.00	35.74 1.84 -0.02	36.22 2.01 0.00	36.85 2.02 0.00	47.23 2.45 0.00	61.11 3.21 -0.01	53.93 2.85 -0.02	45.92 2.45 -0.01	46.81 2.29 -4.44	43.54 2.10 -6.68	83.49 2.17 -46.32	86.16 2.18 -46.46
BARRETT_IC_8 23711	46.46 1.98 0.00	34.96 1.60 0.00	33.20 1.57 0.00	31.64 1.55 0.00	30.67 1.44 0.00	34.02 1.34 0.00	30.98 1.26 0.00	30.32 1.01 0.00	27.97 1.06 0.00	30.38 1.05 0.00	40.50 1.96 -0.01	33.61 1.40 0.00	33.74 1.54 0.00	35.74 1.84 -0.02	36.22 2.01 0.00	36.85 2.02 0.00	47.23 2.45 0.00	61.11 3.21 -0.01	53.93 2.86 -0.02	45.92 2.45 -0.01	46.82 2.30 -4.44	43.52 2.08 -6.68	83.46 2.14 -46.32	86.15 2.17 -46.46
BARRETT_IC_9 23700	46.46 1.98 0.00	34.96 1.60 0.00	33.20 1.57 0.00	31.64 1.55 0.00	30.67 1.44 0.00	34.02 1.34 0.00	30.98 1.26 0.00	30.32 1.01 0.00	27.97 1.06 0.00	30.38 1.05 0.00	40.50 1.96 -0.01	33.61 1.40 0.00	33.74 1.54 0.00	35.74 1.84 -0.02	36.22 2.01 0.00	36.85 2.02 0.00	47.23 2.45 0.00	61.11 3.21 -0.01	53.93 2.86 -0.02	45.92 2.45 -0.01	46.82 2.30 -4.44	43.52 2.08 -6.68	83.46 2.14 -46.32	86.15 2.17 -46.46
BARRETT___1 23545	46.46 1.98 0.00	34.96 1.60 0.00	33.20 1.57 0.00	31.64 1.55 0.00	30.67 1.44 0.00	34.02 1.34 0.00	30.98 1.26 0.00	30.32 1.01 0.00	27.97 1.06 0.00	30.38 1.05 0.00	40.50 1.96 -0.01	33.61 1.40 0.00	33.74 1.54 0.00	35.74 1.84 -0.02	36.22 2.01 0.00	36.85 2.02 0.00	47.23 2.45 0.00	61.11 3.21 -0.01	53.93 2.86 -0.02	45.92 2.45 -0.01	46.82 2.30 -4.44	43.52 2.08 -6.68	83.46 2.14 -46.32	86.15 2.17 -46.46
BARRETT___2 23546	46.46 1.98 0.00	34.96 1.60 0.00	33.20 1.57 0.00	31.64 1.55 0.00	30.67 1.44 0.00	34.02 1.34 0.00	30.98 1.26 0.00	30.32 1.01 0.00	27.97 1.06 0.00	30.38 1.05 0.00	40.50 1.96 -0.01	33.61 1.40 0.00	33.74 1.54 0.00	35.74 1.84 -0.02	36.22 2.01 0.00	36.85 2.02 0.00	47.23 2.45 0.00	61.11 3.21 -0.01	53.93 2.86 -0.02	45.92 2.45 -0.01	46.82 2.30 -4.44	43.52 2.08 -6.68	83.46 2.14 -46.32	86.15 2.17 -46.46
BATAVIA__115KV_TB1 55881	35.58 -2.83 6.08	26.58 -2.09 4.69	28.56 -2.08 0.99	27.01 -2.14 0.94	25.47 -1.91 1.85	30.86 -1.82 0.00	28.18 -1.54 0.00	28.16 -1.15 0.00	25.76 -1.15 0.00	28.17 -1.16 0.00	36.89 -1.64 0.00	25.66 -1.13 5.41	31.04 -1.16 0.00	29.85 -1.23 2.80	26.16 -1.31 6.74	26.82 -1.30 6.71	39.62 -1.93 3.24	48.46 -2.34 7.10	43.95 -2.22 4.90	34.49 -2.02 6.96	38.13 -1.95 0.00	30.61 -1.88 2.27	33.45 -1.55 0.00	36.62 -0.89 0.00
BAYONEEC___CTG1 323682	46.71 2.23 0.00	35.05 1.69 0.00	33.27 1.64 0.00	31.77 1.68 0.00	30.83 1.60 0.00	34.20 1.52 0.00	31.24 1.52 0.00	30.66 1.35 0.00	28.25 1.33 0.00	30.73 1.40 0.00	40.45 1.92 0.00	33.86 1.66 0.00	33.99 1.78 0.00	35.85 1.97 0.00	36.34 2.13 0.00	37.01 2.19 0.00	47.49 2.71 0.00	61.45 3.56 0.00	54.23 3.17 0.00	46.21 2.75 0.00	42.64 2.56 0.00	37.05 2.29 0.00	37.24 2.23 0.00	39.67 2.16 0.00
BAYONEEC___CTG10 323750	46.71 2.23 0.00	35.05 1.69 0.00	33.27 1.64 0.00	31.77 1.68 0.00	30.83 1.60 0.00	34.20 1.52 0.00	31.24 1.52 0.00	30.66 1.35 0.00	28.25 1.33 0.00	30.73 1.40 0.00	40.45 1.92 0.00	33.86 1.66 0.00	33.99 1.78 0.00	35.85 1.97 0.00	36.34 2.13 0.00	37.01 2.19 0.00	47.49 2.71 0.00	61.45 3.56 0.00	54.23 3.17 0.00	46.21 2.75 0.00	42.64 2.56 0.00	37.05 2.29 0.00	37.24 2.23 0.00	39.67 2.16 0.00
BAYONEEC___CTG2 323683	46.71 2.23 0.00	35.05 1.69 0.00	33.27 1.64 0.00	31.77 1.68 0.00	30.83 1.60 0.00	34.20 1.52 0.00	31.24 1.52 0.00	30.66 1.35 0.00	28.25 1.33 0.00	30.73 1.40 0.00	40.45 1.92 0.00	33.86 1.66 0.00	33.99 1.78 0.00	35.85 1.97 0.00	36.34 2.13 0.00	37.01 2.19 0.00	47.49 2.71 0.00	61.45 3.56 0.00	54.23 3.17 0.00	46.21 2.75 0.00	42.64 2.56 0.00	37.05 2.29 0.00	37.24 2.23 0.00	39.67 2.16 0.00
BAYONEEC___CTG3 323684	46.71 2.23 0.00	35.05 1.69 0.00	33.27 1.64 0.00	31.77 1.68 0.00	30.83 1.60 0.00	34.20 1.52 0.00	31.24 1.52 0.00	30.66 1.35 0.00	28.25 1.33 0.00	30.73 1.40 0.00	40.45 1.92 0.00	33.86 1.66 0.00	33.99 1.78 0.00	35.85 1.97 0.00	36.34 2.13 0.00	37.01 2.19 0.00	47.49 2.71 0.00	61.45 3.56 0.00	54.23 3.17 0.00	46.21 2.75 0.00	42.64 2.56 0.00	37.05 2.29 0.00	37.24 2.23 0.00	39.67 2.16 0.00
BAYONEEC___CTG4 323685	46.71 2.23 0.00	35.05 1.69 0.00	33.27 1.64 0.00	31.77 1.68 0.00	30.83 1.60 0.00	34.20 1.52 0.00	31.24 1.52 0.00	30.66 1.35 0.00	28.25 1.33 0.00	30.73 1.40 0.00	40.45 1.92 0.00	33.86 1.66 0.00	33.99 1.78 0.00	35.85 1.97 0.00	36.34 2.13 0.00	37.01 2.19 0.00	47.49 2.71 0.00	61.45 3.56 0.00	54.23 3.17 0.00	46.21 2.75 0.00	42.64 2.56 0.00	37.05 2.29 0.00	37.24 2.23 0.00	39.67 2.16 0.00
BAYONEEC___CTG5 323686	46.71 2.23 0.00	35.05 1.69 0.00	33.27 1.64 0.00	31.77 1.68 0.00	30.83 1.60 0.00	34.20 1.52 0.00	31.24 1.52 0.00	30.66 1.35 0.00	28.25 1.33 0.00	30.73 1.40 0.00	40.45 1.92 0.00	33.86 1.66 0.00	33.99 1.78 0.00	35.85 1.97 0.00	36.34 2.13 0.00	37.01 2.19 0.00	47.49 2.71 0.00	61.45 3.56 0.00	54.23 3.17 0.00	46.21 2.75 0.00	42.64 2.56 0.00	37.05 2.29 0.00	37.24 2.23 0.00	39.67 2.16 0.00
BAYONEEC___CTG6 323687	46.71 2.23 0.00	35.05 1.69 0.00	33.27 1.64 0.00	31.77 1.68 0.00	30.83 1.60 0.00	34.20 1.52 0.00	31.24 1.52 0.00	30.66 1.35 0.00	28.25 1.33 0.00	30.73 1.40 0.00	40.45 1.92 0.00	33.86 1.66 0.00	33.99 1.78 0.00	35.85 1.97 0.00	36.34 2.13 0.00	37.01 2.19 0.00	47.49 2.71 0.00	61.45 3.56 0.00	54.23 3.17 0.00	46.21 2.75 0.00	42.64 2.56 0.00	37.05 2.29 0.00	37.24 2.23 0.00	39.67 2.16 0.00
BAYONEEC___CTG7 323688	46.71 2.23 0.00	35.05 1.69 0.00	33.27 1.64 0.00	31.77 1.68 0.00	30.83 1.60 0.00	34.20 1.52 0.00	31.24 1.52 0.00	30.66 1.35 0.00	28.25 1.33 0.00	30.73 1.40 0.00	40.45 1.92 0.00	33.86 1.66 0.00	33.99 1.78 0.00	35.85 1.97 0.00	36.34 2.13 0.00	37.01 2.19 0.00	47.49 2.71 0.00	61.45 3.56 0.00	54.23 3.17 0.00	46.21 2.75 0.00	42.64 2.56 0.00	37.05 2.29 0.00	37.24 2.23 0.00	39.67 2.16 0.00

BAYONEEC___CTG8 323689	46.71 2.23 0.00	35.05 1.69 0.00	33.27 1.64 0.00	31.77 1.68 0.00	30.83 1.60 0.00	34.20 1.52 0.00	31.24 1.52 0.00	30.66 1.35 0.00	28.25 1.33 0.00	30.73 1.40 0.00	40.45 1.92 0.00	33.86 1.66 0.00	33.99 1.78 0.00	35.85 1.97 0.00	36.34 2.13 0.00	37.01 2.19 0.00	47.49 2.71 0.00	61.45 3.56 0.00	54.23 3.17 0.00	46.21 2.75 0.00	42.64 2.56 0.00	37.05 2.29 0.00	37.24 2.23 0.00	39.67 2.16 0.00
BAYONEEC___CTG9 323749	46.71 2.23 0.00	35.05 1.69 0.00	33.27 1.64 0.00	31.77 1.68 0.00	30.83 1.60 0.00	34.20 1.52 0.00	31.24 1.52 0.00	30.66 1.35 0.00	28.25 1.33 0.00	30.73 1.40 0.00	40.45 1.92 0.00	33.86 1.66 0.00	33.99 1.78 0.00	35.85 1.97 0.00	36.34 2.13 0.00	37.01 2.19 0.00	47.49 2.71 0.00	61.45 3.56 0.00	54.23 3.17 0.00	46.21 2.75 0.00	42.64 2.56 0.00	37.05 2.29 0.00	37.24 2.23 0.00	39.67 2.16 0.00
BEACON___LESR 323632	45.85 1.37 0.00	34.64 1.28 0.00	32.87 1.24 0.00	31.30 1.21 0.00	30.42 1.18 0.00	33.98 1.30 0.00	30.77 1.05 0.00	30.35 1.04 0.00	27.77 0.86 0.00	30.19 0.86 0.00	39.65 1.12 0.00	33.20 1.00 0.00	33.29 1.09 0.00	35.12 1.24 0.00	35.41 1.20 0.00	36.09 1.26 0.00	46.32 1.54 0.00	59.83 1.94 0.00	52.64 1.58 0.00	44.96 1.50 0.00	41.37 1.29 0.00	35.93 1.17 0.00	36.18 1.17 0.00	38.69 1.18 0.00
BEAVER RIVER___HYD 24048	43.03 -1.45 0.00	32.24 -1.12 0.00	30.48 -1.15 0.00	28.95 -1.14 0.00	28.08 -1.15 0.00	31.47 -1.21 0.00	28.82 -0.90 0.00	28.52 -0.79 0.00	26.19 -0.72 0.00	28.89 -0.44 0.00	37.86 -0.67 0.00	31.66 -0.55 0.00	31.47 -0.73 0.00	32.90 -0.97 0.00	33.07 -1.13 0.00	33.64 -1.19 0.00	43.85 -0.93 0.00	56.64 -1.26 0.00	49.88 -1.18 0.00	42.63 -0.83 0.00	39.00 -1.08 0.00	33.70 -1.06 0.00	33.72 -1.29 0.00	36.09 -1.42 0.00
BEEBEE_GT_13 23619	38.05 -2.25 4.18	28.48 -1.65 3.23	29.32 -1.62 0.68	27.80 -1.65 0.64	26.47 -1.50 1.27	31.25 -1.43 0.00	28.51 -1.21 0.00	28.35 -0.95 0.00	26.01 -0.90 0.00	28.46 -0.87 0.00	37.34 -1.19 0.00	27.62 -0.90 3.69	31.34 -0.86 0.00	30.97 -0.98 1.93	28.55 -1.04 4.62	29.09 -1.12 4.62	41.03 -1.52 2.23	51.12 -1.89 4.89	45.92 -1.77 3.37	37.95 -1.64 3.87	38.59 -1.49 0.00	31.75 -1.44 1.57	33.80 -1.21 0.00	36.66 -0.85 0.00
BENSHRST_27_KV_BENSHRST_1 355998	47.02 2.54 0.00	35.28 1.92 0.00	33.50 1.87 0.00	31.97 1.88 0.00	31.03 1.80 0.00	34.41 1.73 0.00	31.44 1.72 0.00	30.88 1.57 0.00	28.48 1.56 0.00	30.95 1.62 0.00	40.77 2.25 0.00	34.16 1.95 0.00	34.22 2.02 0.00	36.11 2.23 0.00	36.64 2.43 0.00	37.31 2.49 0.00	47.86 3.09 0.00	61.94 4.04 0.00	54.76 3.70 0.00	46.68 3.22 0.00	43.06 2.98 0.00	37.41 2.65 0.00	37.55 2.55 0.00	40.00 2.49 0.00
BETHLEHEM___GRP 23843	45.13 0.65 0.00	34.25 0.89 0.00	32.54 0.91 0.00	31.00 0.91 0.00	30.11 0.87 0.00	33.57 0.89 0.00	30.48 0.76 0.00	29.96 0.65 0.00	27.35 0.44 0.00	29.73 0.40 0.00	39.03 0.50 0.00	32.70 0.50 0.00	32.75 0.55 0.00	34.55 0.67 0.00	34.89 0.69 0.00	35.50 0.68 0.00	45.39 0.61 0.00	58.52 0.62 0.00	51.63 0.57 0.00	44.02 0.56 0.00	40.62 0.54 0.00	35.34 0.57 0.00	35.58 0.57 0.00	38.04 0.53 0.00
BETHLEHEM___GS1 323560	45.12 0.64 0.00	34.25 0.89 0.00	32.54 0.91 0.00	31.00 0.91 0.00	30.11 0.87 0.00	33.57 0.89 0.00	30.48 0.76 0.00	29.96 0.65 0.00	27.35 0.44 0.00	29.73 0.40 0.00	39.03 0.50 0.00	32.70 0.50 0.00	32.75 0.55 0.00	34.55 0.67 0.00	34.89 0.69 0.00	35.50 0.68 0.00	45.39 0.61 0.00	58.51 0.62 0.00	51.63 0.57 0.00	44.03 0.57 0.00	40.62 0.54 0.00	35.34 0.57 0.00	35.57 0.57 0.00	38.04 0.53 0.00
BETHLEHEM___GS2 323561	45.12 0.64 0.00	34.25 0.89 0.00	32.54 0.91 0.00	31.00 0.91 0.00	30.11 0.87 0.00	33.57 0.89 0.00	30.48 0.76 0.00	29.96 0.65 0.00	27.35 0.44 0.00	29.73 0.40 0.00	39.03 0.50 0.00	32.70 0.50 0.00	32.75 0.55 0.00	34.55 0.67 0.00	34.89 0.69 0.00	35.50 0.68 0.00	45.39 0.61 0.00	58.51 0.62 0.00	51.63 0.57 0.00	44.03 0.57 0.00	40.62 0.54 0.00	35.34 0.57 0.00	35.57 0.57 0.00	38.04 0.53 0.00
BETHLEHEM___GS3 323562	45.12 0.64 0.00	34.25 0.89 0.00	32.54 0.91 0.00	31.00 0.91 0.00	30.11 0.87 0.00	33.57 0.89 0.00	30.48 0.76 0.00	29.96 0.65 0.00	27.35 0.44 0.00	29.73 0.40 0.00	39.03 0.50 0.00	32.70 0.50 0.00	32.75 0.55 0.00	34.55 0.67 0.00	34.89 0.69 0.00	35.50 0.68 0.00	45.39 0.61 0.00	58.51 0.62 0.00	51.63 0.57 0.00	44.03 0.57 0.00	40.62 0.54 0.00	35.34 0.57 0.00	35.57 0.57 0.00	38.04 0.53 0.00
BETHLEHEM___STEEL 23779	32.04 -4.10 8.34	23.88 -3.04 6.44	27.29 -2.97 1.36	25.83 -2.98 1.29	23.95 -2.75 2.54	29.94 -2.74 0.00	27.30 -2.42 0.00	27.28 -2.03 0.00	24.97 -1.94 0.00	27.32 -2.01 0.00	35.81 -2.72 0.00	22.58 -2.13 7.49	30.05 -2.15 0.00	27.72 -2.31 3.84	22.52 -2.40 9.28	23.09 -2.53 9.21	36.79 -3.55 4.44	43.58 -4.57 9.74	40.22 -4.12 6.72	29.89 -3.65 9.92	36.78 -3.29 0.00	28.69 -2.95 3.12	32.46 -2.55 0.00	35.60 -1.91 0.00
BETHLHEM_115KV_TB1 79974	45.20 0.72 0.00	34.26 0.90 0.00	32.55 0.92 0.00	31.02 0.92 0.00	30.12 0.89 0.00	33.58 0.90 0.00	30.48 0.76 0.00	29.97 0.66 0.00	27.39 0.48 0.00	29.78 0.45 0.00	39.10 0.57 0.00	32.75 0.55 0.00	32.80 0.60 0.00	34.59 0.71 0.00	34.93 0.73 0.00	35.56 0.73 0.00	45.50 0.72 0.00	58.67 0.77 0.00	51.77 0.71 0.00	44.13 0.67 0.00	40.72 0.63 0.00	35.41 0.64 0.00	35.64 0.64 0.00	38.12 0.61 0.00
BETHPAGE_CC_5 323564	46.67 2.19 0.00	35.18 1.82 0.00	33.41 1.78 0.00	31.83 1.74 0.00	30.88 1.65 0.00	34.37 1.69 0.00	31.30 1.58 0.00	30.60 1.29 0.00	28.25 1.33 0.00	30.65 1.32 0.00	40.71 2.18 0.00	33.77 1.56 0.00	33.90 1.70 0.00	35.89 2.01 0.00	36.40 2.20 0.00	37.06 2.24 0.00	47.67 2.89 0.00	61.77 3.87 -0.01	54.51 3.44 -0.02	46.40 2.93 -0.01	48.20 2.76 -5.35	44.89 2.55 -7.58	46.40 2.55 -8.84	45.53 2.50 -5.51
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.98 -4.01 8.49	23.83 -2.98 6.55	27.32 -2.92 1.39	25.86 -2.93 1.31	23.96 -2.70 2.58	30.02 -2.66 0.00	27.36 -2.37 0.00	27.35 -1.96 0.00	25.04 -1.87 0.00	27.38 -1.95 0.00	35.90 -2.63 0.00	22.54 -2.04 7.62	30.12 -2.08 0.00	27.74 -2.23 3.91	22.45 -2.31 9.44	23.03 -2.43 9.37	36.84 -3.43 4.52	43.59 -4.40 9.91	40.25 -3.97 6.84	30.02 -3.53 9.91	36.87 -3.21 0.00	28.73 -2.86 3.17	32.55 -2.45 0.00	35.69 -1.82 0.00
BINGHAMTON___COGEN 23790	42.72 -0.42 1.33	32.06 -0.27 1.03	31.18 -0.23 0.22	29.69 -0.19 0.20	28.68 -0.15 0.40	32.50 -0.18 0.00	29.56 -0.16 0.00	29.21 -0.10 0.00	26.80 -0.11 0.00	29.24 -0.10 0.00	38.36 -0.17 0.00	30.73 -0.21 1.27	32.02 -0.18 0.00	33.09 -0.17 0.61	32.57 -0.12 1.51	33.25 -0.10 1.47	44.01 -0.06 0.71	56.29 -0.05 1.56	49.97 -0.01 1.07	42.65 -0.07 0.75	40.03 -0.05 0.00	34.21 -0.05 0.50	35.01 0.00 0.00	37.54 0.02 0.00

BIXINCNT_115KV_LOAD 355685	29.70 -5.43 9.35	22.19 -3.95 7.21	26.28 -3.82 1.53	24.89 -3.76 1.44	22.92 -3.47 2.84	29.42 -3.26 0.00	26.63 -3.09 0.00	26.75 -2.56 0.00	24.56 -2.36 0.00	26.55 -2.78 0.00	34.87 -3.65 0.00	20.83 -3.01 8.36	29.09 -3.12 0.00	26.32 -3.25 4.31	20.65 -3.18 10.38	21.47 -3.03 10.32	35.32 -4.49 4.98	41.05 -5.93 10.92	38.10 -5.42 7.53	28.78 -4.80 9.88	35.80 -4.28 0.00	27.74 -3.52 3.50	32.04 -2.97 0.00	35.03 -2.48 0.00
BLACK RIVER___HYD 24047	42.54 -1.94 0.00	31.93 -1.42 0.00	30.20 -1.42 0.00	28.71 -1.38 0.00	27.88 -1.35 0.00	31.24 -1.44 0.00	28.63 -1.09 0.00	28.42 -0.89 0.00	26.06 -0.85 0.00	28.83 -0.50 0.00	37.71 -0.82 0.00	31.53 -0.68 0.00	31.37 -0.83 0.00	32.73 -1.15 0.00	32.95 -1.25 0.00	33.63 -1.20 0.00	43.93 -0.85 0.00	56.69 -1.20 0.00	50.01 -1.05 0.00	42.65 -0.81 0.00	38.98 -1.10 0.00	33.63 -1.14 0.00	33.58 -1.43 0.00	35.92 -1.60 0.00
BLACKRVR_115KV_TB2 79977	42.54 -1.94 0.00	31.93 -1.43 0.00	30.20 -1.43 0.00	28.71 -1.38 0.00	27.88 -1.35 0.00	31.24 -1.44 0.00	28.63 -1.09 0.00	28.42 -0.89 0.00	26.06 -0.85 0.00	28.83 -0.51 0.00	37.71 -0.82 0.00	31.53 -0.68 0.00	31.37 -0.83 0.00	32.73 -1.15 0.00	32.95 -1.25 0.00	33.63 -1.20 0.00	43.93 -0.85 0.00	56.70 -1.20 0.00	50.01 -1.05 0.00	42.66 -0.80 0.00	38.98 -1.10 0.00	33.63 -1.13 0.00	33.58 -1.43 0.00	35.91 -1.60 0.00
BLDWN_LI_69_KV_BK4 356085	46.78 2.30 0.00	35.21 1.86 0.00	33.43 1.80 0.00	31.85 1.76 0.00	30.90 1.67 0.00	34.33 1.65 0.00	31.27 1.55 0.00	30.61 1.30 0.00	28.24 1.33 0.00	30.65 1.32 0.00	40.74 2.20 0.00	33.82 1.62 0.00	33.99 1.79 0.00	35.98 2.10 0.00	36.46 2.26 0.00	37.17 2.34 0.00	47.77 2.99 0.00	61.89 3.99 -0.01	54.62 3.55 -0.02	46.50 3.03 -0.01	48.87 2.84 -5.95	45.83 2.56 -8.51	56.38 2.58 -18.80	55.83 2.55 -15.77
BLISS_WT_PWR 323608	29.17 -5.96 9.35	21.81 -4.34 7.21	25.91 -4.19 1.53	24.54 -4.11 1.44	22.58 -3.81 2.84	29.14 -3.53 0.00	26.32 -3.40 0.00	26.49 -2.82 0.00	24.33 -2.58 0.00	26.22 -3.11 0.00	34.45 -4.08 0.00	20.43 -3.41 8.36	28.70 -3.51 0.00	25.95 -3.62 4.31	20.28 -3.55 10.38	21.19 -3.31 10.32	34.87 -4.93 4.98	40.38 -6.60 10.92	37.48 -6.04 7.53	28.20 -5.38 9.88	35.35 -4.73 0.00	27.39 -3.87 3.50	31.73 -3.28 0.00	34.72 -2.79 0.00
BLUESTONE___WT_PWR 323821	47.36 -0.74 -3.62	35.46 -0.69 -2.79	31.20 -1.02 -0.59	29.55 -1.10 -0.56	29.22 -1.11 -1.10	31.53 -1.15 0.00	28.77 -0.95 0.00	28.67 -0.64 0.00	26.30 -0.61 0.00	28.56 -0.77 0.00	37.36 -1.17 0.00	34.50 -0.92 -3.21	31.12 -1.09 0.00	34.76 -0.78 -1.67	37.25 -0.97 -4.01	38.13 -0.70 -4.00	46.00 -0.70 -1.93	61.46 -0.66 -4.23	53.59 -0.39 -2.92	46.85 -0.44 -3.84	39.44 -0.64 0.00	35.42 -0.69 -1.35	34.21 -0.80 0.00	36.67 -0.84 0.00
BLUE_CIRC_CHEM_DRP 24182	45.59 1.12 0.00	34.46 1.10 0.00	32.74 1.11 0.00	31.20 1.10 0.00	30.31 1.07 0.00	33.79 1.11 0.00	30.65 0.93 0.00	30.17 0.86 0.00	27.58 0.67 0.00	29.93 0.60 0.00	39.31 0.78 0.00	32.93 0.72 0.00	32.96 0.75 0.00	34.79 0.91 0.00	35.14 0.93 0.00	35.82 0.99 0.00	45.94 1.16 0.00	59.28 1.38 0.00	52.29 1.23 0.00	44.53 1.07 0.00	41.09 1.01 0.00	35.70 0.94 0.00	35.95 0.95 0.00	38.47 0.96 0.00
BOC_GAS_DRP 24189	45.33 0.86 0.00	34.21 0.85 0.00	32.51 0.88 0.00	30.98 0.88 0.00	30.09 0.85 0.00	33.54 0.86 0.00	30.43 0.72 0.00	29.95 0.64 0.00	27.45 0.54 0.00	29.86 0.53 0.00	39.24 0.71 0.00	32.83 0.63 0.00	32.88 0.67 0.00	34.65 0.77 0.00	35.02 0.81 0.00	35.65 0.82 0.00	45.70 0.92 0.00	59.02 1.12 0.00	52.06 1.00 0.00	44.35 0.89 0.00	40.91 0.83 0.00	35.55 0.79 0.00	35.78 0.77 0.00	38.26 0.75 0.00
BOONVILLE_115KV_TB1 79983	44.37 -0.10 0.00	33.30 -0.06 0.00	31.57 -0.05 0.00	30.02 -0.07 0.00	29.15 -0.09 0.00	32.63 -0.04 0.00	29.79 0.07 0.00	29.45 0.14 0.00	27.04 0.13 0.00	29.64 0.31 0.00	38.87 0.35 0.00	32.52 0.31 0.00	32.38 0.18 0.00	33.95 0.07 0.00	34.28 0.07 0.00	34.93 0.11 0.00	45.27 0.50 0.00	58.56 0.67 0.00	51.54 0.48 0.00	43.95 0.49 0.00	40.31 0.23 0.00	34.89 0.13 0.00	35.02 0.01 0.00	37.48 -0.03 0.00
BORALEX_4TH_BRANCH 23824	46.72 2.24 0.00	35.17 1.82 0.00	33.44 1.81 0.00	31.87 1.78 0.00	30.95 1.71 0.00	34.52 1.84 0.00	31.36 1.64 0.00	30.88 1.57 0.00	28.32 1.41 0.00	30.76 1.44 0.00	40.41 1.88 0.00	33.80 1.60 0.00	33.85 1.65 0.00	35.67 1.79 0.00	36.06 1.86 0.00	36.66 1.84 0.00	46.96 2.17 0.00	60.49 2.60 0.00	53.37 2.31 0.00	45.43 1.97 0.00	41.92 1.84 0.00	36.49 1.73 0.00	36.72 1.72 0.00	39.31 1.80 0.00
BOWLINE___1 23526	46.37 1.89 0.00	34.83 1.47 0.00	33.08 1.45 0.00	31.55 1.46 0.00	30.63 1.39 0.00	34.04 1.36 0.00	31.03 1.31 0.00	30.48 1.17 0.00	28.02 1.11 0.00	30.50 1.17 0.00	40.16 1.63 0.00	33.59 1.39 0.00	33.67 1.48 0.00	35.53 1.65 0.00	35.99 1.79 0.00	36.67 1.85 0.00	47.15 2.37 0.00	61.08 3.18 0.00	53.89 2.82 0.00	45.87 2.41 0.00	42.30 2.22 0.00	36.72 1.96 0.00	36.93 1.93 0.00	39.39 1.88 0.00
BOWLINE___2 23595	46.36 1.88 0.00	34.83 1.47 0.00	33.08 1.45 0.00	31.55 1.45 0.00	30.62 1.38 0.00	34.04 1.36 0.00	31.03 1.31 0.00	30.47 1.16 0.00	28.02 1.11 0.00	30.49 1.16 0.00	40.15 1.62 0.00	33.57 1.37 0.00	33.66 1.46 0.00	35.51 1.63 0.00	35.98 1.78 0.00	36.66 1.84 0.00	47.15 2.37 0.00	61.05 3.16 0.00	53.87 2.81 0.00	45.86 2.40 0.00	42.30 2.22 0.00	36.72 1.95 0.00	36.92 1.91 0.00	39.38 1.87 0.00
BRADY___115KV_TB2 356060	45.56 1.08 0.00	33.81 0.46 0.00	31.89 0.26 0.00	30.25 0.16 0.00	29.35 0.11 0.00	32.97 0.29 0.00	30.09 0.37 0.00	29.73 0.42 0.00	27.36 0.45 0.00	29.83 0.50 0.00	39.16 0.63 0.00	32.65 0.45 0.00	32.59 0.39 0.00	34.21 0.34 0.00	34.49 0.29 0.00	34.94 0.11 0.00	45.14 0.36 0.00	58.42 0.52 0.00	51.49 0.43 0.00	43.88 0.42 0.00	40.60 0.52 0.00	35.19 0.43 0.00	35.36 0.36 0.00	37.99 0.48 0.00
BRANSCOMB___SOLAR 323811	46.85 2.37 0.00	35.26 1.91 0.00	33.43 1.81 0.00	31.84 1.75 0.00	30.94 1.71 0.00	34.53 1.85 0.00	31.38 1.66 0.00	30.91 1.60 0.00	28.34 1.42 0.00	30.80 1.47 0.00	40.56 2.03 0.00	33.94 1.73 0.00	33.98 1.78 0.00	35.85 1.97 0.00	36.22 2.02 0.00	36.92 2.09 0.00	47.51 2.72 0.00	61.29 3.40 0.00	54.03 2.97 0.00	45.96 2.50 0.00	42.34 2.26 0.00	36.75 1.99 0.00	36.99 1.98 0.00	39.53 2.02 0.00
BRDGHMPT_69_KV_BK1 55812	46.37 1.89 0.00	34.63 1.27 0.00	32.95 1.33 0.00	31.40 1.31 0.00	30.44 1.21 0.00	33.93 1.25 0.00	30.95 1.23 0.00	30.21 0.90 0.00	27.91 1.00 0.00	30.08 0.75 0.00	39.94 1.42 0.00	33.10 0.90 0.00	33.38 1.18 0.00	35.74 1.86 -1.14	38.42 3.08 -0.53	38.67 3.32 -2.41	51.73 4.54 -2.41	69.10 6.09 -5.11	60.16 5.38 -3.72	50.11 4.58 -2.08	49.87 4.32 -5.48	45.32 3.83 -6.73	43.65 3.85 -4.79	43.35 3.83 -2.01



BRENTWOD_69_KV_W. BRTWOOD 56703	46.89 2.41 0.00	35.31 1.96 0.00	33.55 1.92 0.00	31.96 1.87 0.00	31.00 1.76 0.00	34.56 1.88 0.00	31.47 1.75 0.00	30.70 1.39 0.00	28.35 1.44 0.00	30.73 1.40 0.00	40.89 2.36 0.00	33.88 1.68 0.00	33.97 1.78 0.00	35.99 2.11 0.00	37.65 2.45 -0.99	37.91 2.62 -0.46	50.34 3.47 -2.09	66.96 4.63 -4.44	58.38 4.08 -3.24	48.77 3.50 -1.81	48.82 3.24 -5.49	44.53 2.89 -6.89	43.17 2.82 -5.34	42.85 2.73 -2.61
BRISTLHL_115KV_TB1 79998	43.20 -1.27 0.00	32.49 -0.87 0.00	30.83 -0.80 0.00	29.33 -0.76 0.00	28.53 -0.70 0.00	31.90 -0.78 0.00	29.04 -0.68 0.00	28.69 -0.62 0.00	26.36 -0.56 0.00	28.75 -0.59 0.00	37.68 -0.86 0.00	31.49 -0.71 0.00	31.44 -0.76 0.00	33.06 -0.81 0.00	33.39 -0.81 0.00	34.02 -0.81 0.00	43.75 -1.03 0.00	56.58 -1.31 0.00	49.89 -1.17 0.00	42.43 -1.03 0.00	39.10 -0.98 0.00	33.90 -0.86 0.00	34.16 -0.85 0.00	36.60 -0.90 0.00
BROOKHAVEN___DRP 24191	46.43 1.95 0.00	34.93 1.58 0.00	33.23 1.61 0.00	31.67 1.58 0.00	30.71 1.48 0.00	34.19 1.51 0.00	31.19 1.47 0.00	30.41 1.11 0.00	28.09 1.17 0.00	30.35 1.02 0.00	40.35 1.82 0.00	33.46 1.25 0.00	33.63 1.43 0.00	35.66 1.78 0.00	37.61 2.25 -1.16	37.78 2.41 -0.54	50.45 3.23 -2.44	67.39 4.31 -5.19	58.64 3.80 -3.78	48.81 3.24 -2.11	48.67 3.10 -5.49	44.30 2.81 -6.73	42.65 2.87 -4.78	42.32 2.81 -2.00
BROOKLYN_NAVY_YARD 23515	46.59 2.11 0.00	34.94 1.58 0.00	33.17 1.54 0.00	31.67 1.58 0.00	30.74 1.50 0.00	34.08 1.40 0.00	31.14 1.42 0.00	30.54 1.24 0.01	28.14 1.23 0.01	30.61 1.28 0.00	40.31 1.78 0.00	33.74 1.54 0.00	33.89 1.69 0.00	35.74 1.86 0.00	36.23 2.02 0.00	36.89 2.07 0.00	47.32 2.54 0.00	61.26 3.36 0.00	54.04 2.99 0.00	46.06 2.60 0.00	42.51 2.43 0.00	36.93 2.17 0.00	37.13 2.12 0.00	39.55 2.04 0.00
BROOKLYN___ARMY_DRP 323595	46.80 2.33 0.00	35.14 1.78 0.00	33.37 1.74 0.00	31.85 1.76 0.00	30.91 1.68 0.00	34.28 1.60 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.36 1.44 0.00	30.82 1.49 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.06 1.86 0.00	35.94 2.06 0.00	36.46 2.25 0.00	37.13 2.30 0.00	47.61 2.83 0.00	61.62 3.73 0.00	54.45 3.39 0.00	46.43 2.97 0.00	42.83 2.75 0.00	37.22 2.46 0.00	37.36 2.35 0.00	39.82 2.31 0.00
BROOME_2_LFGE 323671	42.72 -0.43 1.33	32.06 -0.27 1.03	31.18 -0.23 0.22	29.69 -0.20 0.20	28.68 -0.15 0.40	32.50 -0.18 0.00	29.56 -0.16 0.00	29.21 -0.10 0.00	26.81 -0.11 0.00	29.24 -0.09 0.00	38.36 -0.17 0.00	30.72 -0.21 1.27	32.02 -0.18 0.00	33.09 -0.18 0.61	32.56 -0.13 1.51	33.24 -0.11 1.47	44.01 -0.06 0.71	56.28 -0.05 1.56	49.96 -0.02 1.07	42.63 -0.08 0.75	40.03 -0.05 0.00	34.21 -0.05 0.50	35.01 0.00 0.00	37.54 0.02 0.00
BROOME___LFGE 323600	42.72 -0.43 1.33	32.06 -0.27 1.03	31.18 -0.23 0.22	29.69 -0.20 0.20	28.68 -0.15 0.40	32.50 -0.18 0.00	29.56 -0.16 0.00	29.21 -0.10 0.00	26.81 -0.11 0.00	29.24 -0.09 0.00	38.36 -0.17 0.00	30.72 -0.21 1.27	32.02 -0.18 0.00	33.09 -0.18 0.61	32.56 -0.13 1.51	33.24 -0.11 1.47	44.01 -0.06 0.71	56.28 -0.05 1.56	49.96 -0.02 1.07	42.63 -0.08 0.75	40.03 -0.05 0.00	34.21 -0.05 0.50	35.01 0.00 0.00	37.54 0.02 0.00
BROWNFLS_115KV_TB 3_5 80003	43.73 -0.75 0.00	32.61 -0.75 0.00	30.78 -0.85 0.00	29.21 -0.88 0.00	28.33 -0.90 0.00	31.77 -0.91 0.00	29.01 -0.72 0.00	28.68 -0.63 0.00	26.36 -0.55 0.00	28.95 -0.38 0.00	38.06 -0.47 0.00	31.80 -0.41 0.00	31.67 -0.53 0.00	33.16 -0.72 0.00	33.34 -0.86 0.00	33.74 -1.09 0.00	43.70 -1.08 0.00	56.41 -1.48 0.00	49.70 -1.35 0.00	42.49 -0.97 0.00	39.13 -0.95 0.00	33.90 -0.86 0.00	34.07 -0.94 0.00	36.51 -1.00 0.00
BROWNSV1_27_KV_LOAD 356125	47.08 2.60 0.00	35.30 1.94 0.00	33.50 1.88 0.00	31.99 1.90 0.00	31.05 1.81 0.00	34.41 1.73 0.00	31.45 1.73 0.00	30.88 1.57 0.00	28.45 1.54 0.00	30.96 1.63 0.00	40.78 2.25 0.00	34.12 1.92 0.00	34.27 2.07 0.00	36.14 2.26 0.00	36.63 2.43 0.00	37.31 2.49 0.00	47.90 3.12 0.00	62.01 4.11 0.00	54.73 3.67 0.00	46.62 3.16 0.00	43.02 2.94 0.00	37.37 2.61 0.00	37.56 2.56 0.00	40.00 2.48 0.00
BURROWS___LYONSDAL 23803	43.91 -0.57 0.00	32.95 -0.41 0.00	31.23 -0.40 0.00	29.67 -0.42 0.00	28.81 -0.42 0.00	32.26 -0.42 0.00	29.49 -0.23 0.00	29.16 -0.15 0.00	26.78 -0.13 0.00	29.41 0.08 0.00	38.57 0.04 0.00	32.26 0.05 0.00	32.09 -0.11 0.00	33.62 -0.25 0.00	33.90 -0.31 0.00	34.53 -0.30 0.00	44.85 0.07 0.00	57.99 0.10 0.00	51.03 -0.03 0.00	43.56 0.10 0.00	39.89 -0.19 0.00	34.51 -0.25 0.00	34.61 -0.40 0.00	37.04 -0.47 0.00
CAITHNESS_CC_1 323624	46.35 1.87 0.00	34.89 1.53 0.00	33.19 1.56 0.00	31.64 1.54 0.00	30.67 1.44 0.00	34.16 1.48 0.00	31.15 1.43 0.00	30.37 1.06 0.00	28.04 1.13 0.00	30.33 1.00 0.00	40.33 1.80 0.00	33.43 1.23 0.00	33.59 1.39 0.00	35.61 1.73 0.00	37.54 2.16 -1.17	37.67 2.30 -0.55	50.29 3.03 -2.48	67.19 4.04 -5.26	58.45 3.56 -3.83	48.65 3.05 -2.14	48.51 2.93 -5.50	44.17 2.67 -6.74	42.51 2.74 -4.76	42.16 2.66 -1.99
CALPINE BETH_PAGE_GT4 24209	46.63 2.15 0.00	35.19 1.84 0.00	33.42 1.79 0.00	31.84 1.75 0.00	30.89 1.66 0.00	34.37 1.69 0.00	31.31 1.59 0.00	30.61 1.30 0.00	28.25 1.34 0.00	30.66 1.33 0.00	40.72 2.19 0.00	33.78 1.57 0.00	33.92 1.72 0.00	35.87 1.99 0.00	36.34 2.14 0.00	36.94 2.11 0.00	47.51 2.72 0.00	61.56 3.66 -0.01	54.32 3.24 -0.02	46.25 2.78 -0.01	48.41 2.62 -5.70	45.32 2.48 -8.08	47.81 2.47 -10.34	46.79 2.41 -6.86
CALPINE_BETH_PAGE_GT_4 323586	46.63 2.15 0.00	35.19 1.83 0.00	33.42 1.79 0.00	31.84 1.75 0.00	30.89 1.66 0.00	34.37 1.69 0.00	31.31 1.59 0.00	30.61 1.30 0.00	28.25 1.34 0.00	30.66 1.33 0.00	40.72 2.18 0.00	33.79 1.58 0.00	33.92 1.72 0.00	35.88 2.00 0.00	36.35 2.15 0.00	36.95 2.12 0.00	47.51 2.72 0.00	61.57 3.67 -0.01	54.34 3.26 -0.02	46.25 2.78 -0.01	48.41 2.62 -5.70	45.32 2.48 -8.08	47.81 2.47 -10.34	46.80 2.43 -6.86
CALPINE_BP_GT1 23823	46.63 2.15 0.00	35.19 1.83 0.00	33.42 1.79 0.00	31.84 1.75 0.00	30.89 1.66 0.00	34.37 1.69 0.00	31.31 1.59 0.00	30.61 1.30 0.00	28.25 1.34 0.00	30.66 1.33 0.00	40.72 2.18 0.00	33.79 1.58 0.00	33.92 1.72 0.00	35.88 2.00 0.00	36.35 2.15 0.00	36.95 2.12 0.00	47.51 2.72 0.00	61.57 3.67 -0.01	54.34 3.26 -0.02	46.25 2.78 -0.01	48.41 2.62 -5.70	45.32 2.48 -8.08	47.81 2.47 -10.34	46.80 2.43 -6.86
CALSPAN___DRP 24200	32.04 -4.10 8.34	23.88 -3.04 6.44	27.29 -2.97 1.36	25.83 -2.98 1.29	23.95 -2.75 2.54	29.94 -2.74 0.00	27.30 -2.42 0.00	27.28 -2.03 0.00	24.97 -1.94 0.00	27.32 -2.01 0.00	35.81 -2.72 0.00	22.58 -2.13 7.49	30.05 -2.15 0.00	27.72 -2.31 3.84	22.52 -2.40 9.28	23.09 -2.53 9.21	36.79 -3.55 4.44	43.58 -4.57 9.74	40.22 -4.12 6.72	29.89 -3.65 9.92	36.78 -3.29 0.00	28.69 -2.95 3.12	32.46 -2.55 0.00	35.60 -1.91 0.00

CALVERTON___SOLAR 323806	46.49 2.02 0.00	34.95 1.60 0.00	33.25 1.63 0.00	31.70 1.60 0.00	30.73 1.50 0.00	34.23 1.55 0.00	31.22 1.50 0.00	30.44 1.14 0.00	28.11 1.20 0.00	30.35 1.02 0.00	40.34 1.81 0.00	33.45 1.25 0.00	33.64 1.44 0.00	35.70 1.82 0.00	37.74 2.38 -1.15	37.92 2.56 -0.54	50.65 3.44 -2.43	67.66 4.61 -5.16	58.89 4.07 -3.76	49.03 3.47 -2.10	48.87 3.30 -5.49	44.48 2.99 -6.73	42.83 3.04 -4.78	42.49 2.98 -2.00
CANDIGU_WT_PWR 323617	22.33 -4.64 17.51	16.35 -3.50 13.51	25.44 -3.33 2.86	24.21 -3.18 2.70	20.97 -2.94 5.32	29.52 -3.15 0.00	26.92 -2.80 0.00	26.84 -2.47 0.00	24.54 -2.37 0.00	26.57 -2.76 0.00	34.71 -3.81 0.00	12.11 -3.37 16.72	29.05 -3.15 0.00	22.52 -3.29 8.07	10.82 -3.45 19.94	12.02 -3.47 19.33	31.09 -4.37 9.32	31.69 -5.75 20.45	31.98 -4.97 14.11	8.25 -4.32 30.90	36.32 -3.76 0.00	24.93 -3.28 6.55	32.00 -3.00 0.00	34.67 -2.84 0.00
CARR STREET_E_SYR 24060	43.71 -0.77 0.00	32.85 -0.51 0.00	31.16 -0.47 0.00	29.65 -0.44 0.00	28.84 -0.39 0.00	32.26 -0.42 0.00	29.37 -0.35 0.00	29.02 -0.29 0.00	26.65 -0.27 0.00	29.07 -0.26 0.00	38.13 -0.40 0.00	31.87 -0.34 0.00	31.82 -0.38 0.00	33.47 -0.41 0.00	33.81 -0.39 0.00	34.46 -0.37 0.00	44.33 -0.45 0.00	57.30 -0.60 0.00	50.52 -0.54 0.00	42.95 -0.51 0.00	39.58 -0.50 0.00	34.31 -0.45 0.00	34.59 -0.42 0.00	37.07 -0.44 0.00
CARTHAGE___PAPER 23857	43.12 -1.36 0.00	32.31 -1.05 0.00	30.56 -1.07 0.00	29.03 -1.07 0.00	28.17 -1.06 0.00	31.59 -1.09 0.00	28.94 -0.78 0.00	28.67 -0.64 0.00	26.32 -0.60 0.00	29.07 -0.26 0.00	38.06 -0.47 0.00	31.82 -0.38 0.00	31.66 -0.54 0.00	33.08 -0.80 0.00	33.26 -0.95 0.00	33.90 -0.93 0.00	44.24 -0.54 0.00	57.11 -0.78 0.00	50.32 -0.74 0.00	42.98 -0.49 0.00	39.30 -0.78 0.00	33.91 -0.85 0.00	33.89 -1.12 0.00	36.24 -1.27 0.00
CASSADAGA_WT_PWR 323784	30.03 -5.34 9.10	22.53 -3.80 7.02	26.36 -3.78 1.49	25.26 -3.43 1.40	23.16 -3.30 2.77	29.23 -3.45 0.00	26.72 -3.00 0.00	26.75 -2.56 0.00	24.36 -2.55 0.00	26.72 -2.61 0.00	34.87 -3.65 0.00	21.00 -3.07 8.14	29.26 -2.94 0.00	26.47 -3.22 4.20	20.79 -3.30 10.11	21.46 -3.32 10.05	35.58 -4.35 4.85	41.79 -5.47 10.63	39.01 -4.71 7.34	29.88 -3.93 9.65	36.90 -3.18 0.00	28.39 -2.97 3.40	32.51 -2.49 0.00	35.23 -2.28 0.00
CE_DUNWOOD___DRP 24194	46.54 2.06 0.00	34.94 1.59 0.00	33.19 1.56 0.00	31.66 1.57 0.00	30.73 1.49 0.00	34.15 1.47 0.00	31.11 1.39 0.00	30.54 1.24 0.00	28.11 1.19 0.00	30.60 1.27 0.00	40.31 1.78 0.00	33.70 1.49 0.00	33.81 1.61 0.00	35.67 1.79 0.00	36.13 1.93 0.00	36.83 2.00 0.00	47.31 2.53 0.00	61.24 3.35 0.00	54.04 2.98 0.00	46.02 2.55 0.00	42.46 2.38 0.00	36.87 2.12 0.00	37.08 2.07 0.00	39.52 2.01 0.00
CE_MILLWOOD___DRP 24193	46.46 1.99 0.00	34.89 1.54 0.00	33.14 1.52 0.00	31.63 1.54 0.00	30.69 1.45 0.00	34.10 1.42 0.00	31.07 1.35 0.00	30.51 1.21 0.00	28.07 1.16 0.00	30.56 1.23 0.00	40.24 1.71 0.00	33.65 1.45 0.00	33.76 1.56 0.00	35.60 1.72 0.00	36.07 1.87 0.00	36.76 1.94 0.00	47.24 2.46 0.00	61.16 3.27 0.00	53.96 2.90 0.00	45.96 2.49 0.00	42.39 2.31 0.00	36.81 2.05 0.00	37.01 2.01 0.00	39.46 1.95 0.00
CE_NYC2_DRP 24202	46.72 2.24 0.00	35.04 1.69 0.00	33.26 1.63 0.00	31.76 1.67 0.00	30.83 1.60 0.00	34.16 1.48 0.00	31.21 1.49 0.00	30.63 1.32 0.00	28.25 1.34 0.00	30.72 1.39 0.00	40.44 1.91 0.00	33.90 1.70 0.00	33.99 1.79 0.00	35.85 1.97 0.00	36.35 2.15 0.00	37.03 2.20 0.00	47.44 2.66 0.00	61.38 3.48 0.00	54.19 3.14 0.00	46.21 2.75 0.00	42.64 2.55 0.00	37.07 2.31 0.00	37.22 2.22 0.00	39.64 2.13 0.00
CE_NYC_DRP 24195	46.80 2.32 0.00	35.10 1.74 0.00	33.32 1.70 0.00	31.80 1.71 0.00	30.86 1.63 0.00	34.26 1.57 0.00	31.26 1.54 0.00	30.69 1.37 0.00	28.26 1.35 0.00	30.77 1.43 0.00	40.51 1.98 0.00	33.91 1.70 0.00	34.04 1.84 0.00	35.90 2.02 0.00	36.38 2.18 0.00	37.06 2.23 0.00	47.54 2.76 0.00	61.52 3.63 0.00	54.28 3.22 0.00	46.25 2.79 0.00	42.68 2.60 0.00	37.08 2.32 0.00	37.28 2.28 0.00	39.70 2.19 0.00
CHAFFEE___LFGE 323603	31.72 -3.91 8.85	23.62 -2.90 6.83	27.34 -2.84 1.45	25.87 -2.85 1.37	23.91 -2.63 2.69	30.08 -2.60 0.00	27.44 -2.28 0.00	27.43 -1.88 0.00	25.11 -1.81 0.00	27.49 -1.84 0.00	36.03 -2.50 0.00	22.32 -1.96 7.92	30.25 -1.95 0.00	27.68 -2.12 4.08	22.13 -2.24 9.83	22.71 -2.34 9.77	36.79 -3.28 4.71	43.36 -4.19 10.34	40.15 -3.78 7.13	30.15 -3.41 9.90	37.04 -3.04 0.00	28.71 -2.74 3.31	32.66 -2.34 0.00	35.79 -1.72 0.00
CHATEAUG_35_KV_LOAD 355732	45.03 0.55 0.00	33.42 0.06 0.00	31.20 -0.43 0.00	29.50 -0.59 0.00	28.56 -0.68 0.00	32.17 -0.51 0.00	29.33 -0.39 0.00	28.86 -0.45 0.00	26.47 -0.45 0.00	28.80 -0.53 0.00	37.89 -0.64 0.00	31.59 -0.61 0.00	31.52 -0.68 0.00	33.10 -0.77 0.00	33.32 -0.88 0.00	33.93 -0.90 0.00	43.74 -1.05 0.00	56.58 -1.32 0.00	49.88 -1.18 0.00	42.48 -0.98 0.00	39.30 -0.78 0.00	34.00 -0.77 0.00	34.20 -0.81 0.00	36.70 -0.81 0.00
CHATEAUG_WT_PWR 323614	44.89 0.41 0.00	33.35 -0.01 0.00	31.16 -0.47 0.00	29.47 -0.62 0.00	28.53 -0.70 0.00	32.12 -0.56 0.00	29.28 -0.44 0.00	28.80 -0.50 0.00	26.41 -0.50 0.00	28.75 -0.58 0.00	37.82 -0.72 0.00	31.55 -0.66 0.00	31.49 -0.71 0.00	33.09 -0.79 0.00	33.31 -0.89 0.00	33.89 -0.93 0.00	43.69 -1.09 0.00	56.52 -1.37 0.00	49.81 -1.25 0.00	42.44 -1.02 0.00	39.25 -0.84 0.00	33.96 -0.80 0.00	34.19 -0.82 0.00	36.68 -0.83 0.00
CHAT_HIGH_FALL_HYD 323578	45.03 0.55 0.00	33.42 0.06 0.00	31.20 -0.43 0.00	29.50 -0.59 0.00	28.56 -0.68 0.00	32.17 -0.51 0.00	29.33 -0.39 0.00	28.86 -0.45 0.00	26.47 -0.45 0.00	28.80 -0.53 0.00	37.89 -0.64 0.00	31.59 -0.61 0.00	31.52 -0.68 0.00	33.10 -0.77 0.00	33.32 -0.88 0.00	33.93 -0.90 0.00	43.74 -1.05 0.00	56.58 -1.32 0.00	49.88 -1.18 0.00	42.48 -0.98 0.00	39.30 -0.78 0.00	34.00 -0.77 0.00	34.20 -0.81 0.00	36.70 -0.81 0.00
CHAUTAUQUA___LFGE 323629	31.22 -4.64 8.62	23.30 -3.41 6.66	26.91 -3.31 1.41	25.60 -3.16 1.33	23.65 -2.96 2.62	29.63 -3.05 0.00	27.04 -2.68 0.00	27.03 -2.28 0.00	24.69 -2.22 0.00	27.06 -2.27 0.00	35.41 -3.12 0.00	21.85 -2.61 7.75	29.71 -2.49 0.00	27.14 -2.77 3.97	21.74 -2.87 9.59	22.28 -3.02 9.52	36.27 -3.92 4.59	42.78 -5.04 10.07	39.71 -4.40 6.95	30.05 -3.84 9.58	36.84 -3.24 0.00	28.57 -2.96 3.23	32.46 -2.54 0.00	35.38 -2.13 0.00
CHERRYST_13_KV_LD 356241	46.90 2.42 0.00	35.19 1.83 0.00	33.40 1.77 0.00	31.87 1.78 0.00	30.93 1.70 0.00	34.35 1.67 0.00	31.33 1.61 0.00	30.76 1.45 0.00	28.33 1.41 0.00	30.85 1.52 0.00	40.62 2.09 0.00	33.99 1.79 0.00	34.12 1.92 0.00	35.99 2.12 0.00	36.47 2.26 0.00	37.14 2.31 0.00	47.65 2.88 0.00	61.68 3.79 0.00	54.42 3.37 0.00	46.36 2.90 0.00	42.78 2.70 0.00	37.17 2.41 0.00	37.37 2.37 0.00	39.79 2.28 0.00

CHESTROR_138KV_BK263 355645	46.23 1.76 0.00	34.72 1.37 0.00	32.99 1.36 0.00	31.45 1.36 0.00	30.53 1.30 0.00	33.96 1.28 0.00	30.93 1.21 0.00	30.40 1.09 0.00	27.94 1.03 0.00	30.41 1.08 0.00	40.02 1.49 0.00	33.45 1.25 0.00	33.52 1.33 0.00	35.37 1.49 0.00	35.82 1.62 0.00	36.52 1.70 0.00	46.99 2.21 0.00	60.86 2.97 0.00	53.69 2.63 0.00	45.70 2.24 0.00	42.15 2.07 0.00	36.57 1.81 0.00	36.78 1.77 0.00	39.25 1.74 0.00
CH_MIDHUDSON___DRP 24192	46.45 1.97 0.00	34.90 1.54 0.00	33.16 1.53 0.00	31.64 1.55 0.00	30.71 1.48 0.00	34.15 1.47 0.00	31.06 1.34 0.00	30.52 1.21 0.00	28.06 1.14 0.00	30.54 1.21 0.00	40.20 1.67 0.00	33.62 1.42 0.00	33.70 1.50 0.00	35.55 1.67 0.00	36.03 1.83 0.00	36.74 1.91 0.00	47.25 2.47 0.00	61.18 3.29 0.00	53.94 2.89 0.00	45.94 2.48 0.00	42.37 2.29 0.00	36.77 2.01 0.00	36.98 1.97 0.00	39.42 1.91 0.00
CH_MISC_IPPS 23765	46.70 2.22 0.00	35.08 1.72 0.00	33.31 1.69 0.00	31.78 1.69 0.00	30.86 1.62 0.00	34.31 1.63 0.00	31.24 1.52 0.00	30.70 1.39 0.00	28.21 1.30 0.00	30.70 1.37 0.00	40.43 1.90 0.00	33.81 1.60 0.00	33.88 1.68 0.00	35.73 1.86 0.00	36.25 2.05 0.00	36.96 2.14 0.00	47.58 2.80 0.00	61.63 3.73 0.00	54.35 3.29 0.00	46.27 2.81 0.00	42.67 2.59 0.00	37.02 2.26 0.00	37.21 2.20 0.00	39.67 2.16 0.00
CH_RES_BVR_FALLS 23983	43.60 -0.88 0.00	32.51 -0.84 0.00	30.81 -0.82 0.00	29.35 -0.74 0.00	28.48 -0.75 0.00	31.94 -0.74 0.00	29.15 -0.57 0.00	28.77 -0.54 0.00	26.40 -0.52 0.00	28.85 -0.48 0.00	37.99 -0.54 0.00	31.75 -0.46 0.00	31.74 -0.46 0.00	33.26 -0.62 0.00	33.42 -0.78 0.00	33.96 -0.87 0.00	43.93 -0.85 0.00	56.73 -1.17 0.00	50.13 -0.93 0.00	42.88 -0.58 0.00	39.29 -0.79 0.00	34.01 -0.75 0.00	34.25 -0.76 0.00	36.75 -0.76 0.00
CH_RES_NIAGARA 23895	32.58 -4.90 7.01	24.33 -3.62 5.41	26.92 -3.57 1.14	25.43 -3.59 1.08	23.78 -3.32 2.13	29.31 -3.37 0.00	26.73 -2.99 0.00	26.71 -2.61 0.00	24.47 -2.44 0.00	26.78 -2.55 0.00	35.08 -3.45 0.00	23.29 -2.62 6.30	29.50 -2.70 0.00	27.75 -2.90 3.23	23.39 -3.02 7.80	23.92 -3.16 7.74	36.40 -4.64 3.73	43.44 -6.26 8.19	39.71 -5.70 5.65	30.22 -5.00 8.24	35.55 -4.53 0.00	28.08 -4.07 2.62	31.51 -3.50 0.00	34.81 -2.70 0.00
CH_RES_SYRACUSE 23985	43.99 -0.49 0.00	33.04 -0.31 0.00	31.34 -0.29 0.00	29.81 -0.28 0.00	29.03 -0.20 0.00	32.47 -0.21 0.00	29.55 -0.17 0.00	29.19 -0.12 0.00	26.82 -0.09 0.00	29.25 -0.08 0.00	38.38 -0.15 0.00	32.04 -0.16 0.00	32.02 -0.18 0.00	33.68 -0.20 0.00	34.02 -0.18 0.00	34.68 -0.15 0.00	44.61 -0.17 0.00	57.68 -0.21 0.00	50.89 -0.17 0.00	43.26 -0.20 0.00	39.86 -0.22 0.00	34.54 -0.22 0.00	34.82 -0.18 0.00	37.32 -0.19 0.00
CLINTON_WT_PWR 323605	44.89 0.41 0.00	33.35 -0.01 0.00	31.16 -0.47 0.00	29.47 -0.62 0.00	28.53 -0.70 0.00	32.12 -0.56 0.00	29.28 -0.44 0.00	28.80 -0.50 0.00	26.41 -0.50 0.00	28.75 -0.58 0.00	37.82 -0.72 0.00	31.55 -0.66 0.00	31.49 -0.71 0.00	33.09 -0.79 0.00	33.31 -0.89 0.00	33.89 -0.93 0.00	43.69 -1.09 0.00	56.52 -1.37 0.00	49.81 -1.25 0.00	42.44 -1.02 0.00	39.25 -0.84 0.00	33.96 -0.80 0.00	34.19 -0.82 0.00	36.68 -0.83 0.00
CLINTON___LFGE 323618	45.40 0.92 0.00	33.68 0.33 0.00	31.45 -0.18 0.00	29.72 -0.37 0.00	28.77 -0.47 0.00	32.38 -0.30 0.00	29.54 -0.18 0.00	29.09 -0.21 0.00	26.71 -0.20 0.00	29.08 -0.25 0.00	38.27 -0.26 0.00	31.95 -0.25 0.00	31.85 -0.35 0.00	33.44 -0.43 0.00	33.71 -0.49 0.00	34.32 -0.51 0.00	44.30 -0.48 0.00	57.37 -0.52 0.00	50.56 -0.50 0.00	43.06 -0.40 0.00	39.81 -0.27 0.00	34.41 -0.35 0.00	34.59 -0.41 0.00	37.10 -0.41 0.00
COBBLENY_34_KV_TB1 80064	31.72 -3.90 8.85	23.63 -2.90 6.83	27.34 -2.84 1.45	25.87 -2.86 1.37	23.92 -2.62 2.69	30.07 -2.60 0.00	27.44 -2.28 0.00	27.43 -1.88 0.00	25.11 -1.81 0.00	27.49 -1.84 0.00	36.03 -2.50 0.00	22.35 -1.94 7.92	30.24 -1.96 0.00	27.68 -2.12 4.08	22.16 -2.21 9.83	22.73 -2.32 9.77	36.81 -3.26 4.71	43.41 -4.15 10.34	40.17 -3.76 7.13	30.21 -3.35 9.90	37.04 -3.04 0.00	28.73 -2.72 3.31	32.67 -2.33 0.00	35.78 -1.72 0.00
COFFEEN___115KV_TB3 355620	42.80 -1.68 0.00	32.12 -1.24 0.00	30.38 -1.24 0.00	28.88 -1.21 0.00	28.04 -1.19 0.00	31.44 -1.24 0.00	28.81 -0.91 0.00	28.60 -0.71 0.00	26.24 -0.68 0.00	29.01 -0.32 0.00	37.94 -0.59 0.00	31.71 -0.49 0.00	31.56 -0.64 0.00	32.93 -0.95 0.00	33.18 -1.02 0.00	33.90 -0.92 0.00	44.28 -0.50 0.00	57.20 -0.70 0.00	50.47 -0.59 0.00	43.02 -0.44 0.00	39.32 -0.76 0.00	33.90 -0.86 0.00	33.82 -1.19 0.00	36.15 -1.36 0.00
COLDSPRG_115KV_BK1 355956	31.04 -3.58 9.86	23.20 -2.54 7.61	27.54 -2.48 1.61	26.21 -2.36 1.52	24.05 -2.18 3.00	30.46 -2.22 0.00	27.84 -1.88 0.00	27.82 -1.49 0.00	25.40 -1.52 0.00	27.87 -1.46 0.00	36.43 -2.09 0.00	21.65 -1.76 8.79	30.47 -1.73 0.00	27.40 -1.94 4.54	21.26 -2.00 10.94	21.82 -2.12 10.89	36.74 -2.79 5.25	42.99 -3.38 11.52	40.16 -2.95 7.95	31.12 -2.58 9.76	37.88 -2.20 0.00	29.10 -1.97 3.69	33.51 -1.49 0.00	36.37 -1.14 0.00
COLONIE_LFGE___ 323577	46.12 1.64 0.00	34.74 1.39 0.00	33.00 1.37 0.00	31.44 1.35 0.00	30.52 1.29 0.00	34.05 1.37 0.00	30.94 1.22 0.00	30.47 1.16 0.00	27.93 1.02 0.00	30.37 1.04 0.00	39.91 1.38 0.00	33.40 1.20 0.00	33.44 1.24 0.00	35.26 1.38 0.00	35.63 1.43 0.00	36.24 1.42 0.00	46.49 1.71 0.00	59.97 2.08 0.00	52.88 1.82 0.00	45.03 1.57 0.00	41.52 1.44 0.00	36.08 1.31 0.00	36.31 1.30 0.00	38.85 1.34 0.00
COOPERNY_115KV_TB1 80082	45.79 1.31 0.00	34.39 1.04 0.00	32.66 1.04 0.00	31.13 1.03 0.00	30.22 0.99 0.00	33.67 0.99 0.00	30.64 0.92 0.00	30.15 0.84 0.00	27.70 0.79 0.00	30.17 0.84 0.00	39.68 1.15 0.00	33.16 0.96 0.00	33.21 1.01 0.00	35.00 1.12 0.00	35.43 1.23 0.00	36.12 1.30 0.00	46.46 1.69 0.00	60.15 2.25 0.00	53.07 2.01 0.00	45.17 1.70 0.00	41.65 1.57 0.00	36.14 1.38 0.00	36.36 1.35 0.00	38.85 1.34 0.00
COPENHAGEN_WT_PWR 323753	42.05 -2.43 0.00	31.55 -1.80 0.00	29.86 -1.77 0.00	28.40 -1.69 0.00	27.57 -1.67 0.00	30.90 -1.78 0.00	28.30 -1.42 0.00	28.11 -1.19 0.00	25.77 -1.14 0.00	28.57 -0.76 0.00	37.34 -1.19 0.00	31.24 -0.97 0.00	31.10 -1.10 0.00	32.40 -1.48 0.00	32.59 -1.61 0.00	33.23 -1.60 0.00	43.46 -1.32 0.00	55.99 -1.91 0.00	49.41 -1.65 0.00	42.15 -1.31 0.00	38.48 -1.60 0.00	33.20 -1.56 0.00	33.18 -1.83 0.00	35.48 -2.02 0.00
CORNELL_____ 23752	70.67 0.10 -26.10	53.56 0.06 -20.14	35.93 0.04 -4.26	34.15 0.03 -4.03	37.28 0.11 -7.94	32.83 0.15 0.00	29.91 0.19 0.00	29.58 0.27 0.00	27.18 0.27 0.00	29.66 0.32 0.00	38.68 0.14 0.00	55.74 0.09 -23.44	32.18 -0.02 0.00	46.14 0.24 -12.03	63.53 0.29 -29.03	64.05 0.40 -28.82	59.34 0.67 -13.89	89.34 0.96 -30.48	73.01 0.92 -21.03	69.54 0.71 -25.37	40.69 0.61 -0.01	44.96 0.44 -9.76	35.48 0.47 -0.01	38.01 0.50 0.00

CORONA_69_KV_TB1 355595	46.83 2.35 0.00	35.22 1.86 0.00	33.44 1.82 0.00	31.87 1.78 0.00	30.91 1.67 0.00	34.33 1.65 0.00	31.27 1.55 0.00	30.63 1.32 0.00	28.25 1.34 0.00	30.68 1.35 0.00	40.77 2.23 -0.01	33.85 1.65 0.00	34.00 1.80 0.00	36.00 2.10 -0.02	36.47 2.26 0.00	37.15 2.33 0.00	47.72 2.94 0.00	61.77 3.86 -0.02	54.53 3.44 -0.03	46.43 2.96 -0.01	50.71 2.76 -7.87	48.33 2.48 -11.09	79.66 2.51 -42.15	79.63 2.51 -39.61
CORTLAND_115KV_TB3 80093	51.77 0.03 -7.26	39.02 0.06 -5.61	32.89 0.08 -1.19	31.30 0.08 -1.12	31.56 0.12 -2.21	32.82 0.14 0.00	29.88 0.16 0.00	29.52 0.21 0.00	27.11 0.20 0.00	29.57 0.24 0.00	38.75 0.22 0.00	38.90 0.17 -6.53	32.30 0.10 0.00	37.42 0.19 -3.35	42.53 0.24 -8.08	43.16 0.31 -8.02	49.16 0.51 -3.87	67.08 0.70 -8.49	57.52 0.61 -5.85	51.06 0.47 -7.13	40.48 0.39 0.00	37.77 0.30 -2.72	35.31 0.30 0.00	37.82 0.31 0.00
COXSACKIE___GT 23611	46.99 2.51 0.00	35.51 2.15 0.00	33.69 2.07 0.00	32.08 1.99 0.00	31.16 1.92 0.00	34.80 2.12 0.00	31.61 1.89 0.00	31.22 1.92 0.00	28.44 1.52 0.00	30.46 1.13 0.00	40.00 1.47 0.00	33.46 1.25 0.00	33.38 1.18 0.00	35.45 1.57 0.00	35.88 1.68 0.00	36.87 2.05 0.00	47.90 3.12 0.00	62.05 4.16 0.00	54.67 3.60 0.00	46.49 3.03 0.00	42.80 2.72 0.00	37.12 2.36 0.00	37.27 2.27 0.00	39.80 2.29 0.00
CPV_VALLEY___CC1 323721	46.05 1.57 0.00	34.59 1.24 0.00	32.86 1.23 0.00	31.33 1.24 0.00	30.42 1.18 0.00	33.85 1.17 0.00	30.82 1.09 0.00	30.29 0.99 0.00	27.84 0.93 0.00	30.31 0.98 0.00	39.89 1.36 0.00	33.35 1.14 0.00	33.41 1.21 0.00	35.23 1.35 0.00	35.68 1.48 0.00	36.36 1.54 0.00	46.77 1.99 0.00	60.57 2.67 0.00	53.43 2.37 0.00	45.49 2.03 0.00	41.94 1.87 0.00	36.40 1.64 0.00	36.62 1.61 0.00	39.08 1.57 0.00
CPV_VALLEY___CC2 323722	46.05 1.57 0.00	34.59 1.24 0.00	32.86 1.23 0.00	31.33 1.24 0.00	30.42 1.18 0.00	33.85 1.17 0.00	30.82 1.09 0.00	30.29 0.99 0.00	27.84 0.93 0.00	30.31 0.98 0.00	39.89 1.36 0.00	33.35 1.14 0.00	33.41 1.21 0.00	35.23 1.35 0.00	35.68 1.48 0.00	36.36 1.54 0.00	46.77 1.99 0.00	60.57 2.67 0.00	53.43 2.37 0.00	45.49 2.03 0.00	41.94 1.87 0.00	36.40 1.64 0.00	36.62 1.61 0.00	39.08 1.57 0.00
CRESCENT___HYD 24018	46.12 1.64 0.00	34.74 1.39 0.00	33.00 1.37 0.00	31.44 1.35 0.00	30.52 1.29 0.00	34.05 1.37 0.00	30.94 1.22 0.00	30.47 1.16 0.00	27.93 1.02 0.00	30.37 1.04 0.00	39.91 1.38 0.00	33.40 1.20 0.00	33.44 1.24 0.00	35.26 1.38 0.00	35.63 1.43 0.00	36.24 1.42 0.00	46.49 1.71 0.00	59.97 2.08 0.00	52.88 1.82 0.00	45.03 1.57 0.00	41.52 1.44 0.00	36.08 1.31 0.00	36.31 1.30 0.00	38.85 1.34 0.00
CRICKET___VALLEY_CC1 323756	45.85 1.37 0.00	34.49 1.13 0.00	32.80 1.18 0.00	31.36 1.27 0.00	30.44 1.21 0.00	33.78 1.10 0.00	30.70 0.98 0.00	30.12 0.81 0.00	27.70 0.79 0.00	30.15 0.83 0.00	39.70 1.17 0.00	33.20 1.00 0.00	33.29 1.09 0.00	35.12 1.24 0.00	35.57 1.36 0.00	36.26 1.43 0.00	46.56 1.78 0.00	60.27 2.37 0.00	53.17 2.11 0.00	45.28 1.82 0.00	41.77 1.69 0.00	36.27 1.51 0.00	36.47 1.46 0.00	38.89 1.38 0.00
CRICKET___VALLEY_CC2 323757	45.85 1.37 0.00	34.49 1.13 0.00	32.80 1.18 0.00	31.36 1.27 0.00	30.44 1.21 0.00	33.78 1.10 0.00	30.70 0.98 0.00	30.12 0.81 0.00	27.70 0.79 0.00	30.15 0.83 0.00	39.70 1.17 0.00	33.20 1.00 0.00	33.29 1.09 0.00	35.12 1.24 0.00	35.57 1.36 0.00	36.26 1.43 0.00	46.56 1.78 0.00	60.27 2.37 0.00	53.17 2.11 0.00	45.28 1.82 0.00	41.77 1.69 0.00	36.27 1.51 0.00	36.47 1.46 0.00	38.89 1.38 0.00
CRICKET___VALLEY_CC3 323758	45.85 1.37 0.00	34.49 1.13 0.00	32.80 1.18 0.00	31.36 1.27 0.00	30.44 1.21 0.00	33.78 1.10 0.00	30.70 0.98 0.00	30.12 0.81 0.00	27.70 0.79 0.00	30.15 0.83 0.00	39.70 1.17 0.00	33.20 1.00 0.00	33.29 1.09 0.00	35.12 1.24 0.00	35.57 1.36 0.00	36.26 1.43 0.00	46.56 1.78 0.00	60.27 2.37 0.00	53.17 2.11 0.00	45.28 1.82 0.00	41.77 1.69 0.00	36.27 1.51 0.00	36.47 1.46 0.00	38.89 1.38 0.00
CRUCIBLE_METL_DRP 24180	43.98 -0.49 0.00	33.05 -0.31 0.00	31.34 -0.28 0.00	29.82 -0.28 0.00	29.03 -0.21 0.00	32.47 -0.21 0.00	29.55 -0.17 0.00	29.19 -0.12 0.00	26.82 -0.09 0.00	29.25 -0.08 0.00	38.38 -0.15 0.00	32.05 -0.16 0.00	32.02 -0.19 0.00	33.67 -0.20 0.00	34.03 -0.18 0.00	34.68 -0.15 0.00	44.61 -0.17 0.00	57.68 -0.21 0.00	50.89 -0.17 0.00	43.26 -0.20 0.00	39.86 -0.22 0.00	34.54 -0.22 0.00	34.82 -0.18 0.00	37.33 -0.18 0.00
DAHOWA___HYDRO 323763	47.11 2.63 0.00	35.45 2.09 0.00	33.59 1.96 0.00	31.99 1.90 0.00	31.09 1.86 0.00	34.70 2.02 0.00	31.53 1.81 0.00	31.07 1.76 0.00	28.50 1.58 0.00	30.98 1.65 0.00	40.82 2.28 0.00	34.14 1.94 0.00	34.18 1.98 0.00	36.06 2.18 0.00	36.44 2.23 0.00	37.15 2.32 0.00	47.84 3.06 0.00	61.71 3.81 0.00	54.39 3.34 0.00	46.26 2.80 0.00	42.61 2.53 0.00	36.98 2.22 0.00	37.22 2.21 0.00	39.75 2.24 0.00
DANC___LFGE 323619	42.51 -1.97 0.00	31.93 -1.43 0.00	30.24 -1.38 0.00	28.77 -1.32 0.00	27.95 -1.28 0.00	31.31 -1.37 0.00	28.61 -1.11 0.00	28.35 -0.95 0.00	26.02 -0.90 0.00	28.65 -0.68 0.00	37.50 -1.04 0.00	31.35 -0.85 0.00	31.24 -0.96 0.00	32.68 -1.20 0.00	32.93 -1.27 0.00	33.57 -1.26 0.00	43.58 -1.20 0.00	56.23 -1.66 0.00	49.63 -1.44 0.00	42.27 -1.19 0.00	38.76 -1.32 0.00	33.50 -1.26 0.00	33.55 -1.45 0.00	35.91 -1.60 0.00
DANSKAMMER___1 23586	46.70 2.22 0.00	35.08 1.72 0.00	33.31 1.69 0.00	31.78 1.69 0.00	30.86 1.62 0.00	34.31 1.63 0.00	31.24 1.52 0.00	30.70 1.39 0.00	28.21 1.30 0.00	30.70 1.37 0.00	40.43 1.90 0.00	33.81 1.60 0.00	33.88 1.68 0.00	35.73 1.86 0.00	36.25 2.05 0.00	36.96 2.14 0.00	47.58 2.80 0.00	61.63 3.73 0.00	54.35 3.29 0.00	46.27 2.81 0.00	42.67 2.59 0.00	37.02 2.26 0.00	37.21 2.20 0.00	39.67 2.16 0.00
DANSKAMMER___2 23589	46.70 2.22 0.00	35.08 1.72 0.00	33.31 1.69 0.00	31.78 1.69 0.00	30.86 1.62 0.00	34.31 1.63 0.00	31.24 1.52 0.00	30.70 1.39 0.00	28.21 1.30 0.00	30.70 1.37 0.00	40.43 1.90 0.00	33.81 1.60 0.00	33.88 1.68 0.00	35.73 1.86 0.00	36.25 2.05 0.00	36.96 2.14 0.00	47.58 2.80 0.00	61.63 3.73 0.00	54.35 3.29 0.00	46.27 2.81 0.00	42.67 2.59 0.00	37.02 2.26 0.00	37.21 2.20 0.00	39.67 2.16 0.00
DANSKAMMER___3 23590	46.70 2.22 0.00	35.08 1.72 0.00	33.31 1.69 0.00	31.78 1.69 0.00	30.86 1.62 0.00	34.31 1.63 0.00	31.24 1.52 0.00	30.70 1.39 0.00	28.21 1.30 0.00	30.70 1.37 0.00	40.43 1.90 0.00	33.81 1.60 0.00	33.88 1.68 0.00	35.73 1.86 0.00	36.25 2.05 0.00	36.96 2.14 0.00	47.58 2.80 0.00	61.63 3.73 0.00	54.35 3.29 0.00	46.27 2.81 0.00	42.67 2.59 0.00	37.02 2.26 0.00	37.21 2.20 0.00	39.67 2.16 0.00

DANSKAMMER___4 23591	46.70 2.22 0.00	35.08 1.72 0.00	33.31 1.69 0.00	31.78 1.69 0.00	30.86 1.62 0.00	34.31 1.63 0.00	31.24 1.52 0.00	30.70 1.39 0.00	28.21 1.30 0.00	30.70 1.37 0.00	40.43 1.90 0.00	33.81 1.60 0.00	33.88 1.68 0.00	35.73 1.86 0.00	36.25 2.05 0.00	36.96 2.14 0.00	47.58 2.80 0.00	61.63 3.73 0.00	54.35 3.29 0.00	46.27 2.81 0.00	42.67 2.59 0.00	37.02 2.26 0.00	37.21 2.20 0.00	39.67 2.16 0.00
DANSKAMMER___DIESEL 23592	46.70 2.22 0.00	35.08 1.72 0.00	33.32 1.69 0.00	31.78 1.69 0.00	30.86 1.63 0.00	34.31 1.63 0.00	31.23 1.51 0.00	30.70 1.39 0.00	28.21 1.30 0.00	30.70 1.37 0.00	40.43 1.90 0.00	33.80 1.60 0.00	33.89 1.69 0.00	35.74 1.86 0.00	36.25 2.05 0.00	36.96 2.13 0.00	47.57 2.80 0.00	61.63 3.74 0.00	54.35 3.30 0.00	46.27 2.81 0.00	42.67 2.59 0.00	37.01 2.25 0.00	37.20 2.20 0.00	39.67 2.16 0.00
DARBY___SOLAR 323810	46.90 2.42 0.00	35.30 1.94 0.00	33.46 1.83 0.00	31.87 1.78 0.00	30.97 1.74 0.00	34.56 1.88 0.00	31.41 1.68 0.00	30.94 1.63 0.00	28.36 1.45 0.00	30.83 1.50 0.00	40.60 2.07 0.00	33.98 1.78 0.00	34.03 1.83 0.00	35.88 2.00 0.00	36.26 2.06 0.00	36.97 2.14 0.00	47.58 2.80 0.00	61.37 3.47 0.00	54.09 3.03 0.00	46.02 2.55 0.00	42.40 2.32 0.00	36.79 2.03 0.00	37.03 2.02 0.00	39.58 2.06 0.00
DASHVILLE___HYD 23610	46.20 1.73 0.00	34.72 1.36 0.00	32.98 1.36 0.00	31.46 1.37 0.00	30.54 1.31 0.00	33.97 1.29 0.00	30.88 1.16 0.00	30.36 1.05 0.00	27.93 1.01 0.00	30.35 1.02 0.00	39.98 1.46 0.00	33.38 1.17 0.00	33.45 1.25 0.00	35.29 1.41 0.00	35.78 1.57 0.00	36.51 1.68 0.00	47.02 2.24 0.00	60.89 3.00 0.00	53.72 2.66 0.00	45.72 2.26 0.00	42.16 2.08 0.00	36.58 1.82 0.00	36.77 1.76 0.00	39.21 1.70 0.00
DELAWARE___LFGE 323621	45.31 0.83 0.00	34.03 0.67 0.00	32.32 0.69 0.00	30.76 0.66 0.00	29.87 0.64 0.00	33.33 0.65 0.00	30.27 0.55 0.00	29.86 0.55 0.00	27.47 0.55 0.00	29.93 0.60 0.00	39.32 0.79 0.00	32.86 0.66 0.00	32.88 0.68 0.00	34.63 0.75 0.00	35.02 0.82 0.00	35.71 0.89 0.00	45.95 1.17 0.00	59.52 1.62 0.00	52.52 1.46 0.00	44.69 1.23 0.00	41.18 1.09 0.00	35.69 0.92 0.00	35.89 0.89 0.00	38.42 0.91 0.00
DERFIELD_115KV_TB7 355931	44.62 0.14 0.00	33.50 0.14 0.00	31.81 0.18 0.00	30.27 0.18 0.00	29.41 0.18 0.00	32.85 0.17 0.00	29.84 0.12 0.00	29.43 0.12 0.00	27.00 0.09 0.00	29.44 0.11 0.00	38.68 0.15 0.00	32.34 0.13 0.00	32.34 0.14 0.00	34.04 0.16 0.00	34.37 0.17 0.00	35.02 0.19 0.00	45.00 0.22 0.00	58.18 0.29 0.00	51.31 0.25 0.00	43.68 0.22 0.00	40.25 0.17 0.00	34.93 0.17 0.00	35.19 0.18 0.00	37.68 0.16 0.00
DOGLEVILLE___HYD 23807	47.72 3.25 0.00	35.74 2.39 0.00	34.00 2.38 0.00	32.35 2.26 0.00	31.42 2.18 0.00	35.05 2.38 0.00	31.75 2.03 0.00	31.31 2.00 0.00	28.48 1.57 0.00	30.59 1.26 0.00	40.25 1.72 0.00	33.75 1.54 0.00	33.71 1.51 0.00	35.81 1.93 0.00	36.18 1.97 0.00	37.29 2.47 0.00	48.30 3.52 0.00	62.53 4.63 0.00	55.10 4.04 0.00	46.75 3.29 0.00	43.23 3.15 0.00	37.42 2.67 0.00	37.57 2.57 0.00	40.09 2.58 0.00
DUNKIRK__115KV_TB_200 55889	31.36 -4.54 8.58	23.39 -3.35 6.62	26.99 -3.24 1.40	25.67 -3.10 1.32	23.72 -2.91 2.61	29.70 -2.98 0.00	27.10 -2.63 0.00	27.08 -2.23 0.00	24.74 -2.17 0.00	27.12 -2.21 0.00	35.50 -3.03 0.00	21.98 -2.51 7.71	29.76 -2.44 0.00	27.23 -2.70 3.95	21.90 -2.77 9.54	22.42 -2.94 9.47	36.37 -3.84 4.57	42.95 -4.92 10.02	39.84 -4.31 6.91	30.15 -3.74 9.57	36.87 -3.22 0.00	28.64 -2.91 3.21	32.49 -2.52 0.00	35.42 -2.09 0.00
DUNKIRK___1 23563	31.36 -4.54 8.58	23.39 -3.35 6.62	26.99 -3.24 1.40	25.67 -3.10 1.32	23.72 -2.91 2.61	29.70 -2.98 0.00	27.10 -2.63 0.00	27.08 -2.23 0.00	24.74 -2.17 0.00	27.12 -2.21 0.00	35.50 -3.03 0.00	21.98 -2.51 7.71	29.76 -2.44 0.00	27.23 -2.70 3.95	21.90 -2.77 9.54	22.42 -2.94 9.47	36.37 -3.84 4.57	42.95 -4.92 10.02	39.84 -4.31 6.91	30.15 -3.74 9.57	36.87 -3.22 0.00	28.64 -2.91 3.21	32.49 -2.52 0.00	35.42 -2.09 0.00
DUNKIRK___2 23564	31.36 -4.54 8.58	23.39 -3.35 6.62	26.99 -3.24 1.40	25.67 -3.10 1.32	23.72 -2.91 2.61	29.70 -2.98 0.00	27.10 -2.63 0.00	27.08 -2.23 0.00	24.74 -2.17 0.00	27.12 -2.21 0.00	35.50 -3.03 0.00	21.98 -2.51 7.71	29.76 -2.44 0.00	27.23 -2.70 3.95	21.90 -2.77 9.54	22.42 -2.94 9.47	36.37 -3.84 4.57	42.95 -4.92 10.02	39.84 -4.31 6.91	30.15 -3.74 9.57	36.87 -3.22 0.00	28.64 -2.91 3.21	32.49 -2.52 0.00	35.42 -2.09 0.00
DUNKIRK___3 23565	31.74 -4.38 8.36	23.67 -3.23 6.45	27.14 -3.12 1.37	25.77 -3.04 1.29	23.87 -2.82 2.54	29.78 -2.89 0.00	27.18 -2.54 0.00	27.14 -2.16 0.00	24.81 -2.10 0.00	27.18 -2.15 0.00	35.59 -2.93 0.00	22.28 -2.41 7.51	29.84 -2.36 0.00	27.43 -2.60 3.85	22.23 -2.67 9.30	22.75 -2.84 9.23	36.57 -3.76 4.45	43.30 -4.83 9.77	40.05 -4.27 6.74	30.29 -3.73 9.44	36.81 -3.26 0.00	28.70 -2.93 3.13	32.47 -2.53 0.00	35.45 -2.06 0.00
DUNKIRK___4 23566	31.74 -4.38 8.36	23.67 -3.23 6.45	27.14 -3.12 1.37	25.77 -3.04 1.29	23.87 -2.82 2.54	29.78 -2.89 0.00	27.18 -2.54 0.00	27.14 -2.16 0.00	24.81 -2.10 0.00	27.18 -2.15 0.00	35.59 -2.93 0.00	22.28 -2.41 7.51	29.84 -2.36 0.00	27.43 -2.60 3.85	22.23 -2.67 9.30	22.75 -2.84 9.23	36.57 -3.76 4.45	43.30 -4.83 9.77	40.05 -4.27 6.74	30.29 -3.73 9.44	36.81 -3.26 0.00	28.70 -2.93 3.13	32.47 -2.53 0.00	35.45 -2.06 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	46.63 2.15 0.00	35.00 1.65 0.00	33.23 1.61 0.00	31.72 1.62 0.00	30.78 1.54 0.00	34.20 1.52 0.00	31.16 1.44 0.00	30.59 1.28 0.00	28.15 1.24 0.00	30.65 1.32 0.00	40.38 1.85 0.00	33.75 1.54 0.00	33.87 1.67 0.00	35.73 1.85 0.00	36.20 2.00 0.00	36.89 2.06 0.00	47.38 2.60 0.00	61.33 3.44 0.00	54.11 3.05 0.00	46.09 2.63 0.00	42.53 2.45 0.00	36.94 2.18 0.00	37.14 2.13 0.00	39.58 2.07 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	46.46 1.99 0.00	34.90 1.54 0.00	33.15 1.52 0.00	31.61 1.52 0.00	30.69 1.45 0.00	34.13 1.45 0.00	31.08 1.36 0.00	30.55 1.24 0.00	28.08 1.17 0.00	30.55 1.22 0.00	40.23 1.71 0.00	33.61 1.41 0.00	33.68 1.48 0.00	35.53 1.65 0.00	36.02 1.82 0.00	36.73 1.91 0.00	47.30 2.52 0.00	61.27 3.37 0.00	54.05 2.99 0.00	46.01 2.54 0.00	42.42 2.34 0.00	36.81 2.05 0.00	37.00 2.00 0.00	39.47 1.96 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	46.53 2.05 0.00	35.00 1.64 0.00	33.24 1.62 0.00	31.73 1.63 0.00	30.79 1.56 0.00	34.15 1.47 0.00	31.18 1.46 0.00	30.60 1.29 0.00	28.22 1.31 0.00	30.68 1.35 0.00	40.39 1.86 0.00	33.90 1.70 0.00	33.91 1.71 0.00	35.78 1.90 0.00	36.30 2.10 0.00	36.95 2.12 0.00	47.38 2.60 0.00	61.36 3.47 0.00	54.23 3.17 0.00	46.21 2.74 0.00	42.62 2.54 0.00	37.05 2.29 0.00	37.16 2.16 0.00	39.65 2.14 0.00

E179THST_13_KV_LOAD 356214	46.71 2.23 0.00	35.12 1.77 0.00	33.36 1.73 0.00	31.84 1.74 0.00	30.90 1.67 0.00	34.28 1.60 0.00	31.29 1.57 0.00	30.71 1.40 0.00	28.33 1.42 0.00	30.80 1.47 0.00	40.56 2.03 0.00	34.05 1.85 0.00	34.05 1.85 0.00	35.93 2.05 0.00	36.45 2.25 0.00	37.11 2.29 0.00	47.60 2.82 0.00	61.64 3.75 0.00	54.49 3.43 0.00	46.42 2.96 0.00	42.81 2.73 0.00	37.22 2.46 0.00	37.32 2.31 0.00	39.81 2.30 0.00
EAST HAMPTON___GT 23717	45.77 1.29 0.00	33.94 0.59 0.00	32.31 0.68 0.00	30.79 0.69 0.00	29.85 0.62 0.00	33.29 0.61 0.00	30.36 0.64 0.00	29.64 0.33 0.00	27.41 0.49 0.00	29.50 0.17 0.00	39.17 0.64 0.00	32.45 0.25 0.00	32.80 0.60 0.00	35.40 1.52 0.00	38.74 3.40 -1.14	39.02 3.66 -0.53	52.19 5.01 -2.41	69.74 6.74 -5.11	60.72 5.94 -3.72	50.58 5.04 -2.08	50.31 4.75 -5.48	45.67 4.18 -6.73	44.00 4.20 -4.80	43.70 4.18 -2.01
EAST RIVER___6 23660	46.87 2.40 0.00	35.14 1.79 0.00	33.36 1.73 0.00	31.83 1.74 0.00	30.89 1.66 0.00	34.29 1.61 0.00	31.28 1.56 0.00	30.72 1.40 0.00	28.30 1.38 0.00	30.79 1.47 0.00	40.57 2.04 0.00	33.96 1.75 0.00	34.08 1.88 0.00	35.96 2.09 0.00	36.43 2.23 0.00	37.11 2.28 0.00	47.58 2.80 0.00	61.59 3.69 0.00	54.34 3.28 0.00	46.28 2.82 0.00	42.70 2.62 0.00	37.09 2.34 0.00	37.30 2.30 0.00	39.70 2.19 0.00
EAST RIVER___7 23524	46.87 2.40 0.00	35.14 1.79 0.00	33.36 1.73 0.00	31.83 1.74 0.00	30.89 1.66 0.00	34.29 1.61 0.00	31.28 1.56 0.00	30.72 1.40 0.00	28.30 1.38 0.00	30.79 1.47 0.00	40.57 2.04 0.00	33.96 1.75 0.00	34.08 1.88 0.00	35.96 2.09 0.00	36.43 2.23 0.00	37.11 2.28 0.00	47.58 2.80 0.00	61.59 3.69 0.00	54.34 3.28 0.00	46.28 2.82 0.00	42.70 2.62 0.00	37.09 2.34 0.00	37.30 2.30 0.00	39.70 2.19 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	46.54 2.06 0.00	34.94 1.59 0.00	33.19 1.56 0.00	31.66 1.57 0.00	30.73 1.49 0.00	34.15 1.47 0.00	31.11 1.39 0.00	30.54 1.24 0.00	28.11 1.19 0.00	30.60 1.27 0.00	40.31 1.78 0.00	33.70 1.49 0.00	33.81 1.61 0.00	35.67 1.79 0.00	36.13 1.93 0.00	36.83 2.00 0.00	47.31 2.53 0.00	61.24 3.35 0.00	54.04 2.98 0.00	46.02 2.55 0.00	42.46 2.38 0.00	36.87 2.12 0.00	37.08 2.07 0.00	39.52 2.01 0.00
EAST_HAMPTON___DIESEL 23722	45.65 1.17 0.00	33.84 0.48 0.00	32.20 0.57 0.00	30.69 0.59 0.00	29.75 0.51 0.00	33.18 0.50 0.00	30.26 0.54 0.00	29.53 0.22 0.00	27.31 0.40 0.00	29.40 0.07 0.00	39.03 0.50 0.00	32.34 0.13 0.00	32.70 0.49 0.00	35.32 1.44 0.00	38.74 3.40 -1.14	39.03 3.67 -0.53	52.21 5.02 -2.41	69.75 6.75 -5.11	60.73 5.95 -3.72	50.58 5.04 -2.08	50.31 4.76 -5.48	45.68 4.18 -6.73	44.01 4.21 -4.80	43.70 4.18 -2.01
EAST_POINT___SOLAR 323840	45.36 0.88 0.00	33.83 0.48 0.00	32.07 0.44 0.00	30.47 0.38 0.00	29.53 0.29 0.00	33.07 0.39 0.00	30.13 0.41 0.00	29.73 0.42 0.00	27.22 0.31 0.00	29.55 0.22 0.00	38.59 0.06 0.00	32.21 0.01 0.00	32.41 0.21 0.00	34.00 0.12 0.00	34.53 0.33 0.00	35.49 0.66 0.00	45.99 1.21 0.00	59.64 1.74 0.00	52.59 1.53 0.00	44.81 1.35 0.00	41.18 1.09 0.00	35.55 0.79 0.00	35.66 0.66 0.00	38.24 0.73 0.00
EAST_PULASKI___ESR 323781	43.04 -1.43 0.00	32.37 -0.98 0.00	30.69 -0.93 0.00	29.20 -0.90 0.00	28.39 -0.84 0.00	31.76 -0.91 0.00	28.96 -0.76 0.00	28.65 -0.66 0.00	26.31 -0.61 0.00	28.79 -0.54 0.00	37.73 -0.80 0.00	31.54 -0.67 0.00	31.47 -0.73 0.00	33.03 -0.85 0.00	33.33 -0.88 0.00	33.97 -0.86 0.00	43.82 -0.96 0.00	56.63 -1.27 0.00	49.93 -1.13 0.00	42.50 -0.96 0.00	39.10 -0.98 0.00	33.86 -0.90 0.00	34.01 -0.99 0.00	36.43 -1.08 0.00
EAST_RIVER___1 323558	46.80 2.32 0.00	35.10 1.74 0.00	33.32 1.70 0.00	31.80 1.71 0.00	30.86 1.63 0.00	34.26 1.57 0.00	31.26 1.54 0.00	30.69 1.38 0.00	28.26 1.35 0.00	30.77 1.43 0.00	40.52 1.99 0.00	33.91 1.71 0.00	34.04 1.84 0.00	35.90 2.02 0.00	36.38 2.18 0.00	37.06 2.23 0.00	47.54 2.76 0.00	61.52 3.62 0.00	54.29 3.23 0.00	46.25 2.79 0.00	42.68 2.60 0.00	37.08 2.32 0.00	37.28 2.28 0.00	39.70 2.19 0.00
EAST_RIVER___2 323559	46.87 2.40 0.00	35.14 1.79 0.00	33.36 1.73 0.00	31.83 1.74 0.00	30.89 1.66 0.00	34.29 1.61 0.00	31.28 1.56 0.00	30.72 1.40 0.00	28.30 1.38 0.00	30.79 1.47 0.00	40.57 2.04 0.00	33.96 1.75 0.00	34.08 1.88 0.00	35.96 2.09 0.00	36.43 2.23 0.00	37.11 2.28 0.00	47.58 2.80 0.00	61.59 3.69 0.00	54.34 3.28 0.00	46.28 2.82 0.00	42.70 2.62 0.00	37.09 2.34 0.00	37.30 2.30 0.00	39.70 2.19 0.00
EAST___DELAWARE_HYD 23607	45.88 1.41 0.00	34.43 1.08 0.00	32.69 1.07 0.00	31.15 1.06 0.00	30.26 1.02 0.00	33.68 1.00 0.00	30.67 0.95 0.00	30.16 0.85 0.00	27.73 0.81 0.00	30.18 0.85 0.00	39.73 1.20 0.00	33.14 0.94 0.00	33.17 0.97 0.00	34.92 1.04 0.00	35.54 1.33 0.00	36.32 1.49 0.00	46.83 2.05 0.00	60.71 2.82 0.00	53.56 2.50 0.00	45.57 2.11 0.00	42.00 1.93 0.00	36.42 1.66 0.00	36.57 1.57 0.00	39.00 1.50 0.00
EIGHT_POINT___WT_PWR 323820	18.01 -5.55 20.92	12.99 -4.22 16.15	24.14 -4.07 3.42	22.94 -3.93 3.23	19.24 -3.63 6.36	28.78 -3.90 0.00	26.32 -3.40 0.00	26.25 -3.06 0.00	24.01 -2.90 0.00	26.15 -3.17 0.00	34.08 -4.44 0.00	10.31 -3.84 18.06	28.46 -3.74 0.00	20.34 -3.90 9.64	7.35 -3.92 22.93	7.90 -3.82 23.11	28.85 -4.79 11.14	26.94 -6.52 24.44	28.50 -5.70 16.86	28.16 -4.80 10.49	35.89 -4.19 0.00	23.23 -3.71 7.82	31.42 -3.58 0.00	34.06 -3.45 0.00
ELBRIDGE_115KV_TB2 80188	44.89 -0.73 -1.14	33.74 -0.49 -0.88	31.34 -0.47 -0.18	29.81 -0.45 -0.17	29.23 -0.35 -0.34	32.30 -0.38 0.00	29.40 -0.32 0.00	29.02 -0.29 0.00	26.68 -0.24 0.00	29.10 -0.23 0.00	38.15 -0.38 0.00	32.87 -0.36 -1.02	31.82 -0.38 0.00	34.01 -0.40 -0.52	35.08 -0.38 -1.26	35.70 -0.38 -1.25	44.90 -0.49 -0.60	58.59 -0.63 -1.33	51.49 -0.49 -0.91	44.04 -0.47 -1.05	39.64 -0.45 0.00	34.73 -0.45 -0.43	34.63 -0.38 0.00	37.13 -0.38 0.00
ELEC_TRO_TEK 24086	46.60 2.12 0.00	35.06 1.71 0.00	33.30 1.67 0.00	31.74 1.65 0.00	30.79 1.56 0.00	34.23 1.55 0.00	31.18 1.46 0.00	30.52 1.21 0.00	28.15 1.23 0.00	30.59 1.26 0.00	40.57 2.04 0.00	33.71 1.51 0.00	33.87 1.67 0.00	35.83 1.95 0.00	36.30 2.10 0.00	37.01 2.18 0.00	47.54 2.75 0.00	61.55 3.64 -0.02	54.33 3.24 -0.03	46.26 2.79 -0.01	50.91 2.61 -8.22	48.74 2.35 -11.63	51.48 2.36 -14.11	48.90 2.34 -9.05
ELLENBURG_WT_PWR 323604	44.89 0.41 0.00	33.35 -0.01 0.00	31.16 -0.47 0.00	29.47 -0.62 0.00	28.53 -0.70 0.00	32.12 -0.56 0.00	29.28 -0.44 0.00	28.80 -0.50 0.00	26.41 -0.50 0.00	28.75 -0.58 0.00	37.82 -0.72 0.00	31.55 -0.66 0.00	31.49 -0.71 0.00	33.09 -0.79 0.00	33.31 -0.89 0.00	33.89 -0.93 0.00	43.69 -1.09 0.00	56.52 -1.37 0.00	49.81 -1.25 0.00	42.44 -1.02 0.00	39.25 -0.84 0.00	33.96 -0.80 0.00	34.19 -0.82 0.00	36.68 -0.83 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	32.57 -4.22 7.68	24.31 -3.12 5.93	27.32 -3.06 1.26	25.85 -3.06 1.19	24.07 -2.83 2.34	29.86 -2.82 0.00	27.22 -2.50 0.00	27.20 -2.11 0.00	24.89 -2.02 0.00	27.24 -2.09 0.00	35.71 -2.82 0.00	23.10 -2.20 6.90	29.98 -2.22 0.00	27.92 -2.41 3.54	23.14 -2.52 8.55	23.68 -2.66 8.49	36.96 -3.73 4.09	44.09 -4.83 8.98	40.51 -4.35 6.19	30.63 -3.84 8.99	36.61 -3.46 0.00	28.78 -3.11 2.87	32.32 -2.68 0.00	35.47 -2.04 0.00
EMPIRE_CC_1 323656	45.95 1.47 0.00	34.65 1.29 0.00	32.92 1.30 0.00	31.37 1.28 0.00	30.46 1.23 0.00	33.97 1.29 0.00	30.85 1.13 0.00	30.36 1.05 0.00	27.83 0.91 0.00	30.26 0.93 0.00	39.76 1.23 0.00	33.29 1.09 0.00	33.33 1.13 0.00	35.14 1.26 0.00	35.50 1.30 0.00	35.98 1.15 0.00	45.81 1.03 0.00	59.02 1.12 0.00	52.04 0.98 0.00	44.38 0.92 0.00	40.92 0.84 0.00	35.58 0.82 0.00	35.82 0.82 0.00	38.47 0.96 0.00
EMPIRE_CC_2 323658	45.95 1.47 0.00	34.65 1.29 0.00	32.92 1.30 0.00	31.37 1.28 0.00	30.46 1.23 0.00	33.97 1.29 0.00	30.85 1.13 0.00	30.36 1.05 0.00	27.83 0.91 0.00	30.26 0.93 0.00	39.76 1.23 0.00	33.29 1.09 0.00	33.33 1.13 0.00	35.14 1.26 0.00	35.50 1.30 0.00	35.98 1.15 0.00	45.81 1.03 0.00	59.02 1.12 0.00	52.04 0.98 0.00	44.38 0.92 0.00	40.92 0.84 0.00	35.58 0.82 0.00	35.82 0.82 0.00	38.47 0.96 0.00
ENORWICH_115KV_TB1 80156	54.46 1.00 -8.99	40.69 0.39 -6.93	33.30 0.20 -1.47	31.63 0.15 -1.39	32.16 0.19 -2.73	33.00 0.32 0.00	30.12 0.40 0.00	29.87 0.56 0.00	27.42 0.51 0.00	30.10 0.77 0.00	39.21 0.68 0.00	40.78 0.51 -8.07	32.35 0.15 0.00	38.50 0.48 -4.14	44.71 0.52 -10.00	45.68 0.94 -9.92	51.02 1.46 -4.79	70.64 2.25 -10.50	60.61 2.31 -7.24	54.19 1.76 -8.96	41.46 1.38 0.00	39.12 1.00 -3.36	35.90 0.89 0.00	38.50 1.00 0.00
ERIE_ST__34_KV_TB1-2 80199	32.45 -3.66 8.37	24.18 -2.71 6.46	27.59 -2.67 1.37	26.11 -2.70 1.29	24.23 -2.46 2.55	30.23 -2.45 0.00	27.57 -2.15 0.00	27.55 -1.76 0.00	25.20 -1.71 0.00	27.60 -1.73 0.00	36.18 -2.35 0.00	22.89 -1.80 7.52	30.33 -1.87 0.00	28.01 -2.01 3.86	22.81 -2.08 9.31	23.41 -2.18 9.24	37.23 -3.09 4.46	44.21 -3.91 9.78	40.80 -3.51 6.75	30.63 -3.16 9.67	37.18 -2.90 0.00	29.05 -2.57 3.13	32.81 -2.19 0.00	35.91 -1.60 0.00
ERIE_WT_PWR 323693	32.03 -4.11 8.34	23.87 -3.05 6.44	27.28 -2.99 1.36	25.81 -3.00 1.29	23.92 -2.78 2.54	29.93 -2.74 0.00	27.28 -2.44 0.00	27.27 -2.04 0.00	24.95 -1.96 0.00	27.31 -2.02 0.00	35.78 -2.75 0.00	22.55 -2.17 7.49	30.05 -2.15 0.00	27.70 -2.33 3.84	22.48 -2.45 9.28	23.04 -2.58 9.21	36.74 -3.60 4.44	43.53 -4.62 9.74	40.18 -4.16 6.72	29.83 -3.71 9.92	36.76 -3.32 0.00	28.66 -2.98 3.12	32.43 -2.57 0.00	35.59 -1.92 0.00
ESPRGFLD_115KV_TB1 80157	44.23 -0.25 0.00	32.93 -0.42 0.00	31.18 -0.45 0.00	29.61 -0.48 0.00	28.72 -0.52 0.00	32.15 -0.53 0.00	29.28 -0.44 0.00	28.93 -0.38 0.00	26.68 -0.23 0.00	29.21 -0.12 0.00	38.25 -0.28 0.00	31.95 -0.25 0.00	31.95 -0.25 0.00	33.55 -0.33 0.00	33.90 -0.30 0.00	34.63 -0.20 0.00	44.64 -0.13 0.00	57.95 0.05 0.00	51.14 0.08 0.00	43.61 0.15 0.00	40.07 -0.01 0.00	34.62 -0.14 0.00	34.76 -0.25 0.00	37.35 -0.16 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	65.57 0.10 -20.99	49.63 0.08 -16.20	35.12 0.06 -3.43	33.38 0.05 -3.24	35.73 0.11 -6.38	32.84 0.16 0.00	29.91 0.19 0.00	29.57 0.26 0.00	27.17 0.26 0.00	29.65 0.32 0.00	38.72 0.19 0.00	51.18 0.12 -18.85	32.22 0.02 0.00	43.78 0.23 -9.67	57.84 0.29 -23.35	58.40 0.39 -23.18	56.59 0.64 -11.17	83.33 0.91 -24.52	68.85 0.87 -16.91	64.57 0.67 -20.43	40.66 0.58 0.00	43.02 0.41 -7.85	35.45 0.44 0.00	37.98 0.47 0.00
ETNA____115KV_TB2 80207	65.57 0.10 -20.99	49.63 0.08 -16.20	35.12 0.06 -3.43	33.38 0.05 -3.24	35.73 0.11 -6.38	32.84 0.16 0.00	29.91 0.19 0.00	29.57 0.26 0.00	27.17 0.26 0.00	29.65 0.32 0.00	38.72 0.19 0.00	51.18 0.12 -18.85	32.22 0.02 0.00	43.78 0.23 -9.67	57.84 0.29 -23.35	58.40 0.39 -23.18	56.59 0.64 -11.17	83.33 0.91 -24.52	68.85 0.87 -16.91	64.57 0.67 -20.43	40.66 0.58 0.00	43.02 0.41 -7.85	35.45 0.44 0.00	37.98 0.47 0.00
EUCLID___115KV_TB2 356179	43.51 -0.97 0.00	32.70 -0.66 0.00	31.02 -0.60 0.00	29.52 -0.58 0.00	28.71 -0.53 0.00	32.11 -0.57 0.00	29.22 -0.50 0.00	28.88 -0.43 0.00	26.52 -0.39 0.00	28.92 -0.41 0.00	37.95 -0.58 0.00	31.71 -0.50 0.00	31.66 -0.54 0.00	33.30 -0.58 0.00	33.63 -0.58 0.00	34.26 -0.56 0.00	44.05 -0.73 0.00	56.95 -0.95 0.00	50.20 -0.86 0.00	42.70 -0.76 0.00	39.35 -0.73 0.00	34.11 -0.65 0.00	34.39 -0.61 0.00	36.88 -0.63 0.00
E_CANADA_CAP_HY 24051	44.06 -0.42 0.00	32.75 -0.61 0.00	30.99 -0.63 0.00	29.43 -0.67 0.00	28.47 -0.76 0.00	31.90 -0.78 0.00	29.05 -0.67 0.00	28.64 -0.67 0.00	26.33 -0.58 0.00	28.75 -0.58 0.00	37.62 -0.91 0.00	31.49 -0.72 0.00	31.52 -0.68 0.00	33.08 -0.80 0.00	33.43 -0.77 0.00	34.20 -0.63 0.00	44.10 -0.68 0.00	57.18 -0.72 0.00	50.41 -0.65 0.00	43.06 -0.40 0.00	39.57 -0.51 0.00	34.17 -0.59 0.00	34.31 -0.69 0.00	36.87 -0.64 0.00
E_CANADA_MHWK_HY 24050	47.72 3.24 0.00	35.74 2.39 0.00	34.00 2.38 0.00	32.35 2.26 0.00	31.42 2.18 0.00	35.06 2.38 0.00	31.75 2.03 0.00	31.31 2.00 0.00	28.48 1.57 0.00	30.59 1.26 0.00	40.25 1.72 0.00	33.75 1.54 0.00	33.71 1.51 0.00	35.81 1.93 0.00	36.17 1.97 0.00	37.29 2.47 0.00	48.30 3.51 0.00	62.53 4.63 0.00	55.10 4.04 0.00	46.75 3.29 0.00	43.23 3.15 0.00	37.42 2.66 0.00	37.57 2.56 0.00	40.09 2.58 0.00
E_FISHKILL___LBMP 23776	46.24 1.76 0.00	34.75 1.39 0.00	33.02 1.39 0.00	31.51 1.42 0.00	30.58 1.35 0.00	33.99 1.31 0.00	30.93 1.21 0.00	30.38 1.07 0.00	27.94 1.03 0.00	30.40 1.07 0.00	40.04 1.51 0.00	33.48 1.28 0.00	33.58 1.38 0.00	35.41 1.53 0.00	35.86 1.66 0.00	36.55 1.72 0.00	46.96 2.18 0.00	60.78 2.88 0.00	53.62 2.56 0.00	45.66 2.20 0.00	42.12 2.04 0.00	36.58 1.82 0.00	36.78 1.77 0.00	39.23 1.72 0.00
FALCON___SEABRD_CC1 323796	45.24 0.76 0.00	33.59 0.23 0.00	31.36 -0.27 0.00	29.63 -0.46 0.00	28.67 -0.56 0.00	32.27 -0.41 0.00	29.43 -0.30 0.00	28.97 -0.34 0.00	26.57 -0.35 0.00	28.93 -0.40 0.00	38.05 -0.48 0.00	31.75 -0.46 0.00	31.68 -0.52 0.00	33.28 -0.60 0.00	33.50 -0.70 0.00	34.10 -0.73 0.00	43.97 -0.80 0.00	56.92 -0.97 0.00	50.15 -0.91 0.00	42.72 -0.74 0.00	39.50 -0.58 0.00	34.18 -0.58 0.00	34.39 -0.61 0.00	36.90 -0.61 0.00
FALCON___SEABRD_CC2 323797	45.24 0.76 0.00	33.59 0.23 0.00	31.36 -0.27 0.00	29.63 -0.46 0.00	28.67 -0.56 0.00	32.27 -0.41 0.00	29.43 -0.30 0.00	28.97 -0.34 0.00	26.57 -0.35 0.00	28.93 -0.40 0.00	38.05 -0.48 0.00	31.75 -0.46 0.00	31.68 -0.52 0.00	33.28 -0.60 0.00	33.50 -0.70 0.00	34.10 -0.73 0.00	43.97 -0.80 0.00	56.92 -0.97 0.00	50.15 -0.91 0.00	42.72 -0.74 0.00	39.50 -0.58 0.00	34.18 -0.58 0.00	34.39 -0.61 0.00	36.90 -0.61 0.00

FAR ROCKAWAY___4 23548	47.11 2.63 0.00	35.42 2.06 0.00	33.64 2.01 0.00	32.06 1.97 0.00	31.08 1.85 0.00	34.52 1.85 0.00	31.46 1.74 0.00	30.80 1.50 0.00	28.42 1.51 0.00	30.84 1.52 0.00	41.02 2.49 -0.01	34.06 1.85 0.00	34.21 2.01 0.00	36.25 2.36 -0.02	36.72 2.52 0.00	37.42 2.59 0.00	48.08 3.30 0.00	62.25 4.34 -0.01	54.96 3.88 -0.02	46.80 3.33 -0.01	50.24 3.09 -7.07	47.48 2.75 -9.97	81.12 2.78 -43.34	81.80 2.80 -41.50
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	46.79 2.31 0.00	35.10 1.74 0.00	33.31 1.68 0.00	31.81 1.72 0.00	30.88 1.65 0.00	34.24 1.56 0.00	31.28 1.56 0.00	30.71 1.39 0.00	28.29 1.38 0.00	30.77 1.43 0.00	40.52 1.99 0.00	33.91 1.71 0.00	34.05 1.85 0.00	35.90 2.02 0.00	36.39 2.19 0.00	37.07 2.24 0.00	47.57 2.79 0.00	61.56 3.66 0.00	54.31 3.25 0.00	46.28 2.82 0.00	42.71 2.63 0.00	37.10 2.34 0.00	37.30 2.30 0.00	39.72 2.21 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	46.80 2.32 0.00	35.10 1.74 0.00	33.32 1.70 0.00	31.82 1.73 0.00	30.88 1.65 0.00	34.24 1.56 0.00	31.28 1.56 0.00	30.71 1.40 0.00	28.29 1.38 0.00	30.77 1.44 0.00	40.52 1.99 0.00	33.91 1.71 0.00	34.05 1.85 0.00	35.90 2.02 0.00	36.39 2.19 0.00	37.07 2.24 0.00	47.57 2.80 0.00	61.57 3.67 0.00	54.33 3.28 0.00	46.29 2.83 0.00	42.72 2.64 0.00	37.12 2.35 0.00	37.31 2.31 0.00	39.74 2.23 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	46.76 2.29 0.00	35.08 1.72 0.00	33.30 1.68 0.00	31.80 1.71 0.00	30.86 1.63 0.00	34.22 1.54 0.00	31.27 1.55 0.00	30.69 1.38 0.00	28.28 1.36 0.00	30.76 1.43 0.00	40.50 1.96 0.00	33.89 1.68 0.00	34.03 1.83 0.00	35.89 2.01 0.00	36.36 2.16 0.00	37.04 2.22 0.00	47.54 2.76 0.00	61.52 3.62 0.00	54.28 3.22 0.00	46.25 2.79 0.00	42.68 2.60 0.00	37.08 2.32 0.00	37.28 2.27 0.00	39.70 2.19 0.00
FARRAGUT___LBMP 323566	46.74 2.26 0.00	35.06 1.71 0.00	33.28 1.65 0.00	31.78 1.69 0.00	30.85 1.62 0.00	34.21 1.53 0.00	31.24 1.52 0.00	30.67 1.36 0.00	28.26 1.35 0.00	30.74 1.41 0.00	40.47 1.94 0.00	33.87 1.67 0.00	34.00 1.80 0.00	35.86 1.98 0.00	36.34 2.14 0.00	37.02 2.20 0.00	47.50 2.72 0.00	61.48 3.58 0.00	54.24 3.18 0.00	46.22 2.76 0.00	42.66 2.58 0.00	37.06 2.30 0.00	37.26 2.26 0.00	39.68 2.17 0.00
FENNER___WINDPWR 24204	48.98 0.32 -4.18	36.86 0.27 -3.23	32.60 0.29 -0.68	31.00 0.26 -0.64	30.79 0.29 -1.27	33.02 0.34 0.00	30.07 0.35 0.00	29.71 0.40 0.00	27.31 0.39 0.00	29.79 0.46 0.00	39.10 0.57 0.00	36.43 0.46 -3.76	32.56 0.36 0.00	36.19 0.39 -1.93	39.31 0.45 -4.65	39.98 0.54 -4.62	47.85 0.85 -2.23	63.91 1.13 -4.89	55.36 0.93 -3.37	48.07 0.74 -3.87	40.70 0.62 0.00	36.81 0.48 -1.57	35.46 0.45 0.00	37.97 0.46 0.00
FIBERTEK___ENERGY 23856	43.98 -0.49 0.00	33.05 -0.31 0.00	31.34 -0.28 0.00	29.82 -0.28 0.00	29.03 -0.21 0.00	32.47 -0.21 0.00	29.55 -0.17 0.00	29.19 -0.12 0.00	26.82 -0.09 0.00	29.25 -0.08 0.00	38.38 -0.15 0.00	32.05 -0.16 0.00	32.02 -0.19 0.00	33.67 -0.20 0.00	34.03 -0.18 0.00	34.68 -0.15 0.00	44.61 -0.17 0.00	57.68 -0.21 0.00	50.89 -0.17 0.00	43.26 -0.20 0.00	39.86 -0.22 0.00	34.54 -0.22 0.00	34.82 -0.18 0.00	37.33 -0.18 0.00
FITZPATRICK___ 23598	43.06 -1.42 0.00	32.36 -1.00 0.00	30.69 -0.94 0.00	29.20 -0.89 0.00	28.40 -0.83 0.00	31.76 -0.92 0.00	28.90 -0.82 0.00	28.55 -0.76 0.00	26.21 -0.70 0.00	28.59 -0.74 0.00	37.49 -1.04 0.00	31.31 -0.89 0.00	31.26 -0.94 0.00	32.87 -1.02 0.00	33.16 -1.04 0.00	33.79 -1.04 0.00	43.40 -1.38 0.00	56.11 -1.79 0.00	49.48 -1.57 0.00	42.09 -1.37 0.00	38.80 -1.28 0.00	33.65 -1.11 0.00	33.94 -1.07 0.00	36.39 -1.12 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	46.77 2.30 0.00	35.13 1.78 0.00	33.37 1.74 0.00	31.84 1.74 0.00	30.91 1.68 0.00	34.37 1.69 0.00	31.29 1.57 0.00	30.75 1.44 0.00	28.26 1.35 0.00	30.75 1.42 0.00	40.51 1.98 0.00	33.87 1.67 0.00	33.96 1.76 0.00	35.81 1.93 0.00	36.32 2.12 0.00	37.04 2.22 0.00	47.68 2.90 0.00	61.76 3.86 0.00	54.46 3.40 0.00	46.36 2.90 0.00	42.75 2.67 0.00	37.09 2.33 0.00	37.28 2.27 0.00	39.74 2.23 0.00
FORT ORANGE___ 23900	45.58 1.10 0.00	34.52 1.16 0.00	32.79 1.17 0.00	31.24 1.14 0.00	30.34 1.11 0.00	33.83 1.15 0.00	30.72 1.00 0.00	30.22 0.91 0.00	27.60 0.69 0.00	29.95 0.62 0.00	39.33 0.80 0.00	32.93 0.73 0.00	32.96 0.75 0.00	34.81 0.93 0.00	35.14 0.93 0.00	35.80 0.98 0.00	45.91 1.13 0.00	59.27 1.37 0.00	52.28 1.22 0.00	44.57 1.11 0.00	41.10 1.02 0.00	35.72 0.96 0.00	35.95 0.94 0.00	38.44 0.92 0.00
FORT_DRUM_COGEN 23780	42.58 -1.90 0.00	31.96 -1.40 0.00	30.23 -1.40 0.00	28.73 -1.36 0.00	27.89 -1.35 0.00	31.26 -1.42 0.00	28.64 -1.08 0.00	28.43 -0.88 0.00	26.07 -0.84 0.00	28.83 -0.50 0.00	37.72 -0.81 0.00	31.54 -0.66 0.00	31.39 -0.81 0.00	32.75 -1.13 0.00	32.97 -1.24 0.00	33.64 -1.19 0.00	43.93 -0.85 0.00	56.70 -1.19 0.00	50.01 -1.05 0.00	42.66 -0.80 0.00	38.99 -1.09 0.00	33.64 -1.12 0.00	33.59 -1.41 0.00	35.93 -1.58 0.00
FOX_HILLS___ESR 323835	46.77 2.29 0.00	35.12 1.76 0.00	33.37 1.74 0.00	31.85 1.76 0.00	30.91 1.67 0.00	34.28 1.60 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.36 1.44 0.00	30.80 1.46 0.00	40.55 2.02 0.00	33.96 1.76 0.00	34.00 1.80 0.00	35.89 2.01 0.00	36.41 2.21 0.00	37.08 2.25 0.00	47.56 2.77 0.00	61.52 3.63 0.00	54.37 3.31 0.00	46.40 2.94 0.00	42.80 2.72 0.00	37.19 2.43 0.00	37.33 2.33 0.00	39.81 2.30 0.00
FPL_FAR_ROCK_GT1 24212	47.11 2.63 0.00	35.42 2.06 0.00	33.64 2.01 0.00	32.06 1.96 0.00	31.08 1.85 0.00	34.53 1.85 0.00	31.46 1.74 0.00	30.80 1.50 0.00	28.43 1.51 0.00	30.85 1.52 0.00	41.02 2.49 -0.01	34.06 1.85 0.00	34.21 2.01 0.00	36.26 2.36 -0.02	36.73 2.53 0.00	37.42 2.59 0.00	48.08 3.29 0.00	62.27 4.36 -0.01	54.97 3.89 -0.02	46.80 3.33 -0.01	50.25 3.09 -7.07	47.47 2.74 -9.97	81.11 2.77 -43.34	81.79 2.79 -41.50
FPL_FAR_ROCK_GT2 23815	47.11 2.63 0.00	35.42 2.06 0.00	33.64 2.01 0.00	32.06 1.96 0.00	31.08 1.85 0.00	34.53 1.85 0.00	31.46 1.74 0.00	30.80 1.50 0.00	28.43 1.51 0.00	30.85 1.52 0.00	41.02 2.49 -0.01	34.06 1.85 0.00	34.21 2.01 0.00	36.26 2.36 -0.02	36.73 2.53 0.00	37.42 2.59 0.00	48.08 3.29 0.00	62.27 4.36 -0.01	54.97 3.89 -0.02	46.80 3.33 -0.01	50.25 3.09 -7.07	47.47 2.74 -9.97	81.11 2.77 -43.34	81.79 2.79 -41.50
FRANKLIN_FALL_HYD 24054	45.46 0.98 0.00	33.69 0.34 0.00	31.52 -0.11 0.00	29.80 -0.29 0.00	28.88 -0.36 0.00	32.53 -0.15 0.00	29.70 -0.03 0.00	29.28 -0.03 0.00	26.91 0.00 0.00	29.33 0.00 0.00	38.56 0.03 0.00	32.17 -0.03 0.00	32.12 -0.08 0.00	33.73 -0.15 0.00	33.93 -0.27 0.00	34.48 -0.34 0.00	44.42 -0.36 0.00	57.46 -0.43 0.00	50.65 -0.40 0.00	43.17 -0.29 0.00	39.94 -0.13 0.00	34.57 -0.19 0.00	34.76 -0.25 0.00	37.29 -0.22 0.00



FREEPORT_EQUS_GT1 23764	46.80 2.32 0.00	35.22 1.87 0.00	33.45 1.82 0.00	31.87 1.78 0.00	30.91 1.68 0.00	34.38 1.70 0.00	31.32 1.60 0.00	30.64 1.33 0.00	28.27 1.36 0.00	30.69 1.36 0.00	40.76 2.23 0.00	33.84 1.64 0.00	33.99 1.79 0.00	36.00 2.12 0.00	36.49 2.29 0.00	37.20 2.37 0.00	47.82 3.04 0.00	62.00 4.09 -0.01	54.71 3.63 -0.02	46.57 3.10 -0.01	49.13 2.91 -6.14	46.12 2.62 -8.74	53.03 2.62 -15.40	52.07 2.59 -11.98
FREEPORT___CT2 23818	46.80 2.32 0.00	35.22 1.87 0.00	33.45 1.82 0.00	31.87 1.78 0.00	30.91 1.68 0.00	34.38 1.70 0.00	31.32 1.60 0.00	30.64 1.33 0.00	28.27 1.36 0.00	30.69 1.36 0.00	40.76 2.23 0.00	33.84 1.64 0.00	33.99 1.79 0.00	36.00 2.12 0.00	36.49 2.29 0.00	37.20 2.37 0.00	47.82 3.04 0.00	62.00 4.09 -0.01	54.71 3.63 -0.02	46.57 3.10 -0.01	49.13 2.91 -6.14	46.12 2.62 -8.74	53.03 2.62 -15.40	52.07 2.59 -11.98
FRESHKLS_33_KV_LOAD 356253	46.84 2.36 0.00	35.19 1.83 0.00	33.44 1.81 0.00	31.91 1.82 0.00	30.97 1.74 0.00	34.36 1.69 0.00	31.40 1.67 0.00	30.82 1.52 0.00	28.41 1.50 0.00	30.83 1.51 0.00	40.61 2.08 0.00	33.98 1.78 0.00	34.01 1.81 0.00	35.92 2.04 0.00	36.45 2.25 0.00	37.12 2.29 0.00	47.62 2.84 0.00	61.57 3.67 0.00	54.42 3.36 0.00	46.50 3.04 0.00	42.89 2.81 0.00	37.26 2.50 0.00	37.40 2.39 0.00	39.90 2.39 0.00
FULTON COGEN____ 23766	43.20 -1.27 0.00	32.49 -0.87 0.00	30.83 -0.80 0.00	29.33 -0.76 0.00	28.53 -0.70 0.00	31.90 -0.78 0.00	29.04 -0.68 0.00	28.69 -0.62 0.00	26.36 -0.56 0.00	28.75 -0.59 0.00	37.68 -0.86 0.00	31.49 -0.71 0.00	31.44 -0.76 0.00	33.06 -0.81 0.00	33.39 -0.81 0.00	34.02 -0.81 0.00	43.75 -1.03 0.00	56.58 -1.31 0.00	49.89 -1.17 0.00	42.43 -1.03 0.00	39.10 -0.98 0.00	33.90 -0.86 0.00	34.16 -0.85 0.00	36.60 -0.90 0.00
FULTON___LFGE 323630	45.34 0.86 0.00	33.86 0.50 0.00	32.10 0.47 0.00	30.51 0.42 0.00	29.59 0.35 0.00	33.10 0.42 0.00	30.13 0.41 0.00	29.69 0.39 0.00	27.18 0.27 0.00	29.37 0.04 0.00	38.47 -0.06 0.00	32.31 0.11 0.00	32.44 0.24 0.00	34.12 0.24 0.00	34.43 0.23 0.00	35.47 0.65 0.00	45.84 1.06 0.00	59.37 1.48 0.00	52.34 1.28 0.00	44.62 1.16 0.00	41.04 0.96 0.00	35.47 0.71 0.00	35.61 0.61 0.00	38.18 0.67 0.00
G.F.CEMENT___DRP 24184	47.61 3.13 0.00	35.83 2.48 0.00	33.89 2.27 0.00	32.28 2.19 0.00	31.39 2.16 0.00	35.03 2.35 0.00	31.84 2.12 0.00	31.37 2.06 0.00	28.78 1.87 0.00	31.34 2.01 0.00	41.32 2.79 0.00	34.56 2.36 0.00	34.66 2.46 0.00	36.50 2.63 0.00	36.92 2.72 0.00	37.65 2.82 0.00	48.53 3.76 0.00	62.57 4.68 0.00	55.13 4.08 0.00	46.85 3.39 0.00	43.15 3.06 0.00	37.42 2.66 0.00	37.68 2.67 0.00	40.21 2.70 0.00
GARDENVILLE___LBMP 24039	30.46 -4.39 9.63	22.68 -3.25 7.43	26.87 -3.18 1.57	25.43 -3.18 1.49	23.38 -2.93 2.93	29.73 -2.95 0.00	27.11 -2.61 0.00	27.10 -2.21 0.00	24.79 -2.12 0.00	27.10 -2.23 0.00	35.50 -3.03 0.00	21.18 -2.38 8.65	29.79 -2.41 0.00	26.86 -2.58 4.44	20.82 -2.67 10.71	21.42 -2.77 10.63	35.77 -3.89 5.12	41.63 -5.02 11.24	38.80 -4.51 7.76	25.99 -3.97 13.50	36.48 -3.60 0.00	27.97 -3.19 3.60	32.23 -2.77 0.00	35.36 -2.16 0.00
GARDNVLA_35_KV_LD 355827	32.37 -4.00 8.10	24.13 -2.97 6.26	27.39 -2.91 1.32	25.92 -2.92 1.25	24.07 -2.70 2.46	30.00 -2.67 0.00	27.36 -2.36 0.00	27.34 -1.97 0.00	25.05 -1.87 0.00	27.41 -1.92 0.00	35.93 -2.60 0.00	22.90 -2.02 7.28	30.18 -2.02 0.00	27.95 -2.19 3.73	22.91 -2.28 9.01	23.47 -2.40 8.95	37.09 -3.37 4.31	44.11 -4.32 9.47	40.62 -3.91 6.53	30.71 -3.47 9.27	36.95 -3.13 0.00	28.90 -2.82 3.03	32.58 -2.43 0.00	35.71 -1.80 0.00
GELCKHM___115KV_LOAD 80723	43.68 -0.79 0.00	32.82 -0.54 0.00	31.14 -0.49 0.00	29.63 -0.47 0.00	28.83 -0.41 0.00	32.25 -0.43 0.00	29.34 -0.38 0.00	28.99 -0.31 0.00	26.63 -0.28 0.00	29.05 -0.28 0.00	38.11 -0.42 0.00	31.84 -0.37 0.00	31.79 -0.41 0.00	33.44 -0.44 0.00	33.78 -0.43 0.00	34.41 -0.42 0.00	44.25 -0.53 0.00	57.22 -0.67 0.00	50.45 -0.60 0.00	42.90 -0.56 0.00	39.54 -0.54 0.00	34.27 -0.49 0.00	34.56 -0.45 0.00	37.05 -0.46 0.00
GENERAL___MILLS 23808	32.04 -4.10 8.34	23.88 -3.04 6.44	27.29 -2.97 1.36	25.83 -2.98 1.29	23.95 -2.75 2.54	29.94 -2.74 0.00	27.30 -2.42 0.00	27.28 -2.03 0.00	24.97 -1.94 0.00	27.32 -2.01 0.00	35.81 -2.72 0.00	22.58 -2.13 7.49	30.05 -2.15 0.00	27.72 -2.31 3.84	22.52 -2.40 9.28	23.09 -2.53 9.21	36.79 -3.55 4.44	43.58 -4.57 9.74	40.22 -4.12 6.72	29.89 -3.65 9.92	36.78 -3.29 0.00	28.69 -2.95 3.12	32.46 -2.55 0.00	35.60 -1.91 0.00
GE_PLASTICS___DRP 24183	45.39 0.92 0.00	34.31 0.95 0.00	32.60 0.98 0.00	31.06 0.97 0.00	30.17 0.93 0.00	33.64 0.96 0.00	30.53 0.81 0.00	30.04 0.73 0.00	27.50 0.58 0.00	29.88 0.55 0.00	39.26 0.73 0.00	32.86 0.66 0.00	32.91 0.70 0.00	34.71 0.83 0.00	35.07 0.86 0.00	35.70 0.87 0.00	45.75 0.97 0.00	59.05 1.16 0.00	52.09 1.03 0.00	44.38 0.92 0.00	40.93 0.85 0.00	35.58 0.82 0.00	35.82 0.81 0.00	38.31 0.79 0.00
GILBOA___1 23756	45.42 0.95 0.00	34.27 0.92 0.00	32.64 1.02 0.00	31.11 1.02 0.00	30.21 0.98 0.00	33.66 0.99 0.00	30.42 0.70 0.00	29.94 0.63 0.00	27.49 0.58 0.00	29.93 0.60 0.00	39.35 0.82 0.00	32.90 0.69 0.00	32.94 0.74 0.00	34.71 0.84 0.00	35.11 0.90 0.00	35.76 0.93 0.00	45.93 1.15 0.00	59.39 1.49 0.00	52.38 1.32 0.00	44.60 1.14 0.00	41.13 1.05 0.00	35.71 0.95 0.00	35.93 0.92 0.00	38.42 0.91 0.00
GILBOA___2 23757	45.42 0.95 0.00	34.27 0.92 0.00	32.64 1.02 0.00	31.11 1.02 0.00	30.21 0.98 0.00	33.66 0.99 0.00	30.42 0.70 0.00	29.94 0.63 0.00	27.49 0.58 0.00	29.93 0.60 0.00	39.35 0.82 0.00	32.90 0.69 0.00	32.94 0.74 0.00	34.71 0.84 0.00	35.11 0.90 0.00	35.76 0.93 0.00	45.93 1.15 0.00	59.39 1.49 0.00	52.38 1.32 0.00	44.60 1.14 0.00	41.13 1.05 0.00	35.71 0.95 0.00	35.93 0.92 0.00	38.42 0.91 0.00
GILBOA___3 23758	45.42 0.95 0.00	34.27 0.92 0.00	32.64 1.02 0.00	31.11 1.02 0.00	30.21 0.98 0.00	33.66 0.99 0.00	30.42 0.70 0.00	29.94 0.63 0.00	27.49 0.58 0.00	29.93 0.60 0.00	39.35 0.82 0.00	32.90 0.69 0.00	32.94 0.74 0.00	34.71 0.84 0.00	35.11 0.90 0.00	35.76 0.93 0.00	45.93 1.15 0.00	59.39 1.49 0.00	52.38 1.32 0.00	44.60 1.14 0.00	41.13 1.05 0.00	35.71 0.95 0.00	35.93 0.92 0.00	38.42 0.91 0.00
GILBOA___4 23759	45.42 0.95 0.00	34.27 0.92 0.00	32.64 1.02 0.00	31.11 1.02 0.00	30.21 0.98 0.00	33.66 0.99 0.00	30.42 0.70 0.00	29.94 0.63 0.00	27.49 0.58 0.00	29.93 0.60 0.00	39.35 0.82 0.00	32.90 0.69 0.00	32.94 0.74 0.00	34.71 0.84 0.00	35.11 0.90 0.00	35.76 0.93 0.00	45.93 1.15 0.00	59.39 1.49 0.00	52.38 1.32 0.00	44.60 1.14 0.00	41.13 1.05 0.00	35.71 0.95 0.00	35.93 0.92 0.00	38.42 0.91 0.00

GILBOA____ 23599	45.42 0.95 0.00	34.27 0.92 0.00	32.64 1.02 0.00	31.11 1.02 0.00	30.22 0.98 0.00	33.66 0.99 0.00	30.41 0.70 0.00	29.94 0.63 0.00	27.49 0.58 0.00	29.93 0.60 0.00	39.35 0.82 0.00	32.90 0.69 0.00	32.95 0.74 0.00	34.71 0.84 0.00	35.11 0.90 0.00	35.76 0.93 0.00	45.93 1.15 0.00	59.38 1.49 0.00	52.39 1.33 0.00	44.60 1.14 0.00	41.13 1.05 0.00	35.71 0.95 0.00	35.94 0.93 0.00	38.42 0.91 0.00
GINNA____ 23603	37.76 -3.94 2.78	28.31 -2.90 2.15	28.38 -2.79 0.45	26.93 -2.74 0.43	25.82 -2.57 0.84	30.02 -2.66 0.00	27.38 -2.34 0.00	27.19 -2.12 0.00	24.97 -1.95 0.00	27.30 -2.03 0.00	35.82 -2.71 0.00	27.54 -2.21 2.46	30.03 -2.17 0.00	30.27 -2.32 1.28	28.72 -2.41 3.07	29.29 -2.47 3.07	40.09 -3.21 1.48	50.52 -4.13 3.25	45.08 -3.74 2.24	37.22 -3.31 2.92	37.03 -3.05 0.00	30.95 -2.77 1.04	32.36 -2.65 0.00	35.01 -2.50 0.00
GLEN PARK____ 23778	42.70 -1.78 0.00	32.03 -1.32 0.00	30.31 -1.32 0.00	28.81 -1.28 0.00	27.98 -1.26 0.00	31.36 -1.32 0.00	28.74 -0.98 0.00	28.53 -0.78 0.00	26.17 -0.74 0.00	28.93 -0.40 0.00	37.85 -0.68 0.00	31.64 -0.56 0.00	31.49 -0.71 0.00	32.86 -1.02 0.00	33.09 -1.11 0.00	33.81 -1.02 0.00	44.16 -0.62 0.00	57.03 -0.87 0.00	50.31 -0.75 0.00	42.89 -0.57 0.00	39.20 -0.88 0.00	33.81 -0.96 0.00	33.73 -1.28 0.00	36.06 -1.45 0.00
GLENDALE_27_KV_LOAD 356172	46.88 2.40 0.00	35.15 1.80 0.00	33.36 1.73 0.00	31.86 1.77 0.00	30.92 1.69 0.00	34.27 1.59 0.00	31.31 1.59 0.00	30.74 1.43 0.00	28.36 1.44 0.00	30.83 1.51 0.00	40.59 2.06 0.00	34.03 1.82 0.00	34.11 1.91 0.00	35.97 2.10 0.00	36.49 2.28 0.00	37.17 2.34 0.00	47.63 2.85 0.00	61.64 3.75 0.00	54.43 3.37 0.00	46.40 2.94 0.00	42.82 2.74 0.00	37.22 2.46 0.00	37.37 2.37 0.00	39.80 2.29 0.00
GLENWOOD_IC_1_G5 23712	46.78 2.30 0.00	35.16 1.81 0.00	33.39 1.76 0.00	31.84 1.75 0.00	30.89 1.66 0.00	34.34 1.66 0.00	31.29 1.57 0.00	30.67 1.35 0.00	28.26 1.35 0.00	30.72 1.40 0.00	40.64 2.11 0.00	33.86 1.65 0.00	33.99 1.79 0.00	35.92 2.04 0.00	36.41 2.21 0.00	37.11 2.29 0.00	47.69 2.91 0.00	61.76 3.85 -0.02	54.50 3.41 -0.03	46.41 2.93 -0.01	50.64 2.74 -7.82	48.27 2.45 -11.06	51.95 2.43 -14.51	49.69 2.39 -9.79
GLENWOOD_IC_2_G1 23688	46.64 2.16 0.00	35.04 1.69 0.00	33.28 1.65 0.00	31.74 1.65 0.00	30.80 1.57 0.00	34.23 1.55 0.00	31.19 1.47 0.00	30.58 1.27 0.00	28.17 1.26 0.00	30.64 1.31 0.00	40.47 1.94 0.00	33.76 1.55 0.00	33.88 1.68 0.00	35.78 1.90 0.00	36.27 2.06 0.00	36.97 2.14 0.00	47.47 2.69 0.00	61.46 3.57 0.00	54.23 3.17 0.00	46.19 2.73 0.00	42.95 2.54 -0.33	37.50 2.28 -0.46	37.74 2.25 -0.48	39.98 2.20 -0.27
GLENWOOD_IC_3_G1 23689	46.64 2.16 0.00	35.04 1.69 0.00	33.28 1.65 0.00	31.74 1.65 0.00	30.80 1.57 0.00	34.23 1.55 0.00	31.19 1.47 0.00	30.58 1.27 0.00	28.17 1.26 0.00	30.64 1.31 0.00	40.47 1.94 0.00	33.76 1.55 0.00	33.88 1.68 0.00	35.78 1.90 0.00	36.27 2.06 0.00	36.97 2.14 0.00	47.47 2.69 0.00	61.46 3.57 0.00	54.23 3.17 0.00	46.19 2.73 0.00	42.95 2.54 -0.33	37.50 2.28 -0.46	37.74 2.25 -0.48	39.98 2.20 -0.27
GLENWOOD____4 23550	46.78 2.30 0.00	35.16 1.81 0.00	33.39 1.76 0.00	31.84 1.75 0.00	30.89 1.66 0.00	34.34 1.66 0.00	31.29 1.57 0.00	30.67 1.35 0.00	28.26 1.35 0.00	30.72 1.40 0.00	40.64 2.11 0.00	33.86 1.65 0.00	33.99 1.79 0.00	35.92 2.04 0.00	36.41 2.21 0.00	37.11 2.29 0.00	47.69 2.91 0.00	61.76 3.85 -0.02	54.50 3.41 -0.03	46.41 2.93 -0.01	50.64 2.74 -7.82	48.27 2.45 -11.06	51.95 2.43 -14.51	49.69 2.39 -9.79
GLENWOOD____5 23614	46.78 2.30 0.00	35.16 1.81 0.00	33.39 1.76 0.00	31.84 1.75 0.00	30.89 1.66 0.00	34.34 1.66 0.00	31.29 1.57 0.00	30.67 1.35 0.00	28.26 1.35 0.00	30.72 1.40 0.00	40.64 2.11 0.00	33.86 1.65 0.00	33.99 1.79 0.00	35.92 2.04 0.00	36.41 2.21 0.00	37.11 2.29 0.00	47.69 2.91 0.00	61.76 3.85 -0.02	54.50 3.41 -0.03	46.41 2.93 -0.01	50.64 2.74 -7.82	48.27 2.45 -11.06	51.95 2.43 -14.51	49.69 2.39 -9.79
GLOBAL GREEN_PORT_GT1 23814	46.20 1.72 0.00	34.40 1.05 0.00	32.73 1.11 0.00	31.19 1.10 0.00	30.24 1.00 0.00	33.73 1.05 0.00	30.76 1.04 0.00	30.03 0.72 0.00	27.76 0.85 0.00	29.89 0.56 0.00	39.70 1.17 0.00	32.90 0.70 0.00	33.22 1.02 0.00	35.68 1.80 0.00	38.67 3.32 -1.14	38.93 3.57 -0.53	52.07 4.88 -2.41	69.57 6.57 -5.11	60.56 5.78 -3.72	50.44 4.90 -2.07	50.17 4.61 -5.48	45.55 4.06 -6.73	43.89 4.09 -4.80	43.58 4.07 -2.01
GLOBE____DSASP 323697	32.54 -4.95 6.98	24.31 -3.66 5.39	26.88 -3.61 1.14	25.39 -3.63 1.08	23.75 -3.36 2.12	29.25 -3.42 0.00	26.68 -3.04 0.00	26.66 -2.65 0.00	24.43 -2.48 0.00	26.73 -2.59 0.00	35.03 -3.50 0.00	23.27 -2.66 6.27	29.44 -2.76 0.00	27.71 -2.95 3.22	23.37 -3.07 7.77	23.91 -3.21 7.71	36.34 -4.73 3.72	43.35 -6.39 8.16	39.62 -5.81 5.63	30.18 -5.07 8.21	35.47 -4.60 0.00	28.01 -4.14 2.61	31.43 -3.57 0.00	34.75 -2.76 0.00
GOETHSLN____LBMP 323567	46.59 2.11 0.00	34.95 1.60 0.00	33.18 1.55 0.00	31.68 1.59 0.00	30.75 1.52 0.00	34.10 1.42 0.00	31.15 1.43 0.00	30.59 1.28 0.00	28.18 1.27 0.00	30.65 1.32 0.00	40.34 1.81 0.00	33.76 1.56 0.00	33.88 1.68 0.00	35.74 1.86 0.00	36.23 2.03 0.00	36.90 2.07 0.00	47.35 2.57 0.00	61.28 3.39 0.00	54.07 3.01 0.00	46.07 2.61 0.00	42.53 2.45 0.00	36.95 2.19 0.00	37.14 2.13 0.00	39.56 2.05 0.00
GOLAH____69_KV_TB 1_2 80279	37.92 -2.26 4.30	28.38 -1.66 3.32	29.30 -1.62 0.70	27.76 -1.67 0.66	26.41 -1.51 1.31	31.24 -1.44 0.00	28.52 -1.20 0.00	28.41 -0.91 0.00	26.04 -0.87 0.00	28.46 -0.87 0.00	37.37 -1.16 0.00	27.55 -0.85 3.80	31.35 -0.86 0.00	30.95 -0.94 1.98	28.44 -1.00 4.76	29.02 -1.05 4.75	41.03 -1.46 2.29	51.08 -1.79 5.03	45.91 -1.68 3.47	37.56 -1.58 4.32	38.61 -1.47 0.00	31.72 -1.43 1.61	33.83 -1.17 0.00	36.75 -0.76 0.00
GOODYEAR_LAKE_HYD 323669	45.14 0.66 0.00	33.81 0.46 0.00	32.08 0.45 0.00	30.51 0.42 0.00	29.62 0.38 0.00	33.10 0.42 0.00	30.08 0.36 0.00	29.70 0.40 0.00	27.36 0.45 0.00	29.88 0.55 0.00	39.20 0.67 0.00	32.75 0.55 0.00	32.77 0.57 0.00	34.46 0.58 0.00	34.85 0.65 0.00	35.57 0.75 0.00	45.82 1.04 0.00	59.42 1.53 0.00	52.45 1.39 0.00	44.65 1.19 0.00	41.09 1.01 0.00	35.56 0.80 0.00	35.73 0.72 0.00	38.29 0.78 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	42.08 -0.49 1.91	31.56 -0.32 1.47	31.05 -0.26 0.31	29.57 -0.23 0.29	28.47 -0.18 0.58	32.46 -0.22 0.00	29.52 -0.20 0.00	29.18 -0.13 0.00	26.76 -0.15 0.00	29.21 -0.12 0.00	38.30 -0.23 0.00	30.16 -0.26 1.79	31.97 -0.23 0.00	32.77 -0.23 0.88	31.86 -0.19 2.16	32.55 -0.17 2.11	43.62 -0.14 1.02	55.50 -0.17 2.23	49.41 -0.11 1.54	42.05 -0.15 1.26	39.96 -0.12 0.00	33.94 -0.10 0.71	34.96 -0.04 0.00	37.50 -0.01 0.00

GOUDEY___7 23579	42.08 -0.49 1.91	31.56 -0.32 1.47	31.05 -0.26 0.31	29.57 -0.23 0.29	28.47 -0.18 0.58	32.46 -0.22 0.00	29.52 -0.20 0.00	29.18 -0.13 0.00	26.76 -0.15 0.00	29.21 -0.12 0.00	38.30 -0.23 0.00	30.16 -0.26 1.79	31.97 -0.23 0.00	32.77 -0.23 0.88	31.86 -0.19 2.16	32.55 -0.17 2.11	43.62 -0.14 1.02	55.50 -0.17 2.23	49.41 -0.11 1.54	42.05 -0.15 1.26	39.96 -0.12 0.00	33.94 -0.10 0.71	34.96 -0.04 0.00	37.50 -0.01 0.00
GOUDEY___8 23580	42.08 -0.49 1.91	31.56 -0.32 1.47	31.05 -0.26 0.31	29.57 -0.23 0.29	28.47 -0.18 0.58	32.46 -0.22 0.00	29.52 -0.20 0.00	29.18 -0.13 0.00	26.76 -0.15 0.00	29.21 -0.12 0.00	38.30 -0.23 0.00	30.16 -0.26 1.79	31.97 -0.23 0.00	32.77 -0.23 0.88	31.86 -0.19 2.16	32.55 -0.17 2.11	43.62 -0.14 1.02	55.50 -0.17 2.23	49.41 -0.11 1.54	42.05 -0.15 1.26	39.96 -0.12 0.00	33.94 -0.10 0.71	34.96 -0.04 0.00	37.50 -0.01 0.00
GOWANUS_GT1_1 24077	46.80 2.33 0.00	35.14 1.78 0.00	33.37 1.74 0.00	31.85 1.76 0.00	30.91 1.68 0.00	34.28 1.60 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.36 1.44 0.00	30.82 1.49 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.06 1.86 0.00	35.94 2.06 0.00	36.46 2.25 0.00	37.13 2.30 0.00	47.61 2.83 0.00	61.62 3.73 0.00	54.45 3.39 0.00	46.43 2.97 0.00	42.83 2.75 0.00	37.22 2.46 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GOWANUS_GT1_2 24078	46.80 2.33 0.00	35.14 1.78 0.00	33.37 1.74 0.00	31.85 1.76 0.00	30.91 1.68 0.00	34.28 1.60 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.36 1.44 0.00	30.82 1.49 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.06 1.86 0.00	35.94 2.06 0.00	36.46 2.25 0.00	37.13 2.30 0.00	47.61 2.83 0.00	61.62 3.73 0.00	54.45 3.39 0.00	46.43 2.97 0.00	42.83 2.75 0.00	37.22 2.46 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GOWANUS_GT1_3 24079	46.80 2.33 0.00	35.14 1.78 0.00	33.37 1.74 0.00	31.85 1.76 0.00	30.91 1.68 0.00	34.28 1.60 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.36 1.44 0.00	30.82 1.49 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.06 1.86 0.00	35.94 2.06 0.00	36.46 2.25 0.00	37.13 2.30 0.00	47.61 2.83 0.00	61.62 3.73 0.00	54.45 3.39 0.00	46.43 2.97 0.00	42.83 2.75 0.00	37.22 2.46 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GOWANUS_GT1_4 24080	46.80 2.33 0.00	35.14 1.78 0.00	33.37 1.74 0.00	31.85 1.76 0.00	30.91 1.68 0.00	34.28 1.60 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.36 1.44 0.00	30.82 1.49 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.06 1.86 0.00	35.94 2.06 0.00	36.46 2.25 0.00	37.13 2.30 0.00	47.61 2.83 0.00	61.62 3.73 0.00	54.45 3.39 0.00	46.43 2.97 0.00	42.83 2.75 0.00	37.22 2.46 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GOWANUS_GT1_5 24084	46.80 2.33 0.00	35.14 1.78 0.00	33.37 1.74 0.00	31.85 1.76 0.00	30.91 1.68 0.00	34.28 1.60 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.36 1.44 0.00	30.82 1.49 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.06 1.86 0.00	35.94 2.06 0.00	36.46 2.25 0.00	37.13 2.30 0.00	47.61 2.83 0.00	61.62 3.73 0.00	54.45 3.39 0.00	46.43 2.97 0.00	42.83 2.75 0.00	37.22 2.46 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GOWANUS_GT1_6 24111	46.80 2.33 0.00	35.14 1.78 0.00	33.37 1.74 0.00	31.85 1.76 0.00	30.91 1.68 0.00	34.28 1.60 0.00	31.32 1.60 0.00	30.75 1.44 0.0																

GOWANUS_GT2_6 24119	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GOWANUS_GT2_7 24120	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GOWANUS_GT2_8 24121	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GOWANUS_GT3_1 24122	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GOWANUS_GT3_2 24123	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GOWANUS_GT3_3 24124	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GOWANUS_GT3_4 24125	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GOWANUS_GT3_5 24126	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GOWANUS_GT3_6 24127	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GOWANUS_GT3_7 24128	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GOWANUS_GT3_8 24129	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GOWANUS_GT4_1 24130	46.80 2.33 0.00	35.14 1.78 0.00	33.37 1.74 0.00	31.85 1.76 0.00	30.91 1.68 0.00	34.28 1.60 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.36 1.44 0.00	30.82 1.49 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.06 1.86 0.00	35.94 2.06 0.00	36.46 2.25 0.00	37.13 2.30 0.00	47.61 2.83 0.00	61.62 3.73 0.00	54.45 3.39 0.00	46.43 2.97 0.00	42.83 2.75 0.00	37.22 2.46 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GOWANUS_GT4_2 24131	46.80 2.33 0.00	35.14 1.78 0.00	33.37 1.74 0.00	31.85 1.76 0.00	30.91 1.68 0.00	34.28 1.60 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.36 1.44 0.00	30.82 1.49 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.06 1.86 0.00	35.94 2.06 0.00	36.46 2.25 0.00	37.13 2.30 0.00	47.61 2.83 0.00	61.62 3.73 0.00	54.45 3.39 0.00	46.43 2.97 0.00	42.83 2.75 0.00	37.22 2.46 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GOWANUS_GT4_3 24132	46.80 2.33 0.00	35.14 1.78 0.00	33.37 1.74 0.00	31.85 1.76 0.00	30.91 1.68 0.00	34.28 1.60 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.36 1.44 0.00	30.82 1.49 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.06 1.86 0.00	35.94 2.06 0.00	36.46 2.25 0.00	37.13 2.30 0.00	47.61 2.83 0.00	61.62 3.73 0.00	54.45 3.39 0.00	46.43 2.97 0.00	42.83 2.75 0.00	37.22 2.46 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GOWANUS_GT4_4 24133	46.80 2.33 0.00	35.14 1.78 0.00	33.37 1.74 0.00	31.85 1.76 0.00	30.91 1.68 0.00	34.28 1.60 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.36 1.44 0.00	30.82 1.49 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.06 1.86 0.00	35.94 2.06 0.00	36.46 2.25 0.00	37.13 2.30 0.00	47.61 2.83 0.00	61.62 3.73 0.00	54.45 3.39 0.00	46.43 2.97 0.00	42.83 2.75 0.00	37.22 2.46 0.00	37.36 2.35 0.00	39.82 2.31 0.00

GOWANUS_GT4_5 24134	46.80 2.33 0.00	35.14 1.78 0.00	33.37 1.74 0.00	31.85 1.76 0.00	30.91 1.68 0.00	34.28 1.60 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.36 1.44 0.00	30.82 1.49 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.06 1.86 0.00	35.94 2.06 0.00	36.46 2.25 0.00	37.13 2.30 0.00	47.61 2.83 0.00	61.62 3.73 0.00	54.45 3.39 0.00	46.43 2.97 0.00	42.83 2.75 0.00	37.22 2.46 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GOWANUS_GT4_6 24135	46.80 2.33 0.00	35.14 1.78 0.00	33.37 1.74 0.00	31.85 1.76 0.00	30.91 1.68 0.00	34.28 1.60 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.36 1.44 0.00	30.82 1.49 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.06 1.86 0.00	35.94 2.06 0.00	36.46 2.25 0.00	37.13 2.30 0.00	47.61 2.83 0.00	61.62 3.73 0.00	54.45 3.39 0.00	46.43 2.97 0.00	42.83 2.75 0.00	37.22 2.46 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GOWANUS_GT4_7 24136	46.80 2.33 0.00	35.14 1.78 0.00	33.37 1.74 0.00	31.85 1.76 0.00	30.91 1.68 0.00	34.28 1.60 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.36 1.44 0.00	30.82 1.49 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.06 1.86 0.00	35.94 2.06 0.00	36.46 2.25 0.00	37.13 2.30 0.00	47.61 2.83 0.00	61.62 3.73 0.00	54.45 3.39 0.00	46.43 2.97 0.00	42.83 2.75 0.00	37.22 2.46 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GOWANUS_GT4_8 24137	46.80 2.33 0.00	35.14 1.78 0.00	33.37 1.74 0.00	31.85 1.76 0.00	30.91 1.68 0.00	34.28 1.60 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.36 1.44 0.00	30.82 1.49 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.06 1.86 0.00	35.94 2.06 0.00	36.46 2.25 0.00	37.13 2.30 0.00	47.61 2.83 0.00	61.62 3.73 0.00	54.45 3.39 0.00	46.43 2.97 0.00	42.83 2.75 0.00	37.22 2.46 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GREATVR_69_KV_BK1 356245	47.17 2.69 0.00	35.51 2.16 0.00	33.74 2.11 0.00	32.14 2.04 0.00	31.17 1.94 0.00	34.74 2.06 0.00	31.66 1.94 0.00	30.89 1.58 0.00	28.53 1.62 0.00	30.89 1.56 0.00	41.09 2.56 0.00	34.07 1.86 0.00	34.18 1.97 0.00	36.22 2.34 0.00	37.78 2.73 -0.84	38.15 2.93 -0.39	50.46 3.91 -1.78	66.89 5.22 -3.77	58.41 4.60 -2.76	48.93 3.94 -1.53	49.14 3.65 -5.41	44.90 3.23 -6.91	43.83 3.12 -5.70	43.35 2.99 -2.84
GREENBSH_115KV_TB3 55895	45.34 0.86 0.00	34.35 1.00 0.00	32.64 1.01 0.00	31.10 1.01 0.00	30.20 0.97 0.00	33.67 0.99 0.00	30.57 0.85 0.00	30.07 0.75 0.00	27.47 0.56 0.00	29.86 0.53 0.00	39.22 0.69 0.00	32.85 0.65 0.00	32.89 0.69 0.00	34.70 0.82 0.00	35.03 0.83 0.00	35.66 0.83 0.00	45.62 0.84 0.00	58.81 0.92 0.00	51.89 0.83 0.00	44.23 0.77 0.00	40.81 0.73 0.00	35.49 0.73 0.00	35.73 0.73 0.00	38.21 0.70 0.00
GREENDGE_115KV_TB5 80291	10.95 -2.66 30.88	7.47 -2.06 23.83	24.65 -1.94 5.04	23.53 -1.80 4.76	18.24 -1.61 9.39	30.98 -1.70 0.00	28.27 -1.45 0.00	28.18 -1.13 0.00	25.78 -1.13 0.00	27.97 -1.35 0.01	36.30 -2.22 0.01	2.61 -2.18 27.41	30.26 -1.94 0.00	17.76 -1.89 14.23	-1.90 -1.90 34.20	-1.09 -1.82 34.10	26.36 -1.99 16.44	19.10 -2.72 36.07	23.81 -2.37 24.88	18.71 -1.99 22.76	38.42 -1.66 0.01	21.73 -1.48 11.55	33.66 -1.34 0.01	36.24 -1.27 0.00
GREENIDGE___3 23582	10.95 -2.66 30.88	7.47 -2.06 23.83	24.65 -1.94 5.04	23.53 -1.80 4.76	18.24 -1.61 9.39	30.98 -1.70 0.00	28.27 -1.45 0.00	28.18 -1.13 0.00	25.78 -1.13 0.00	27.97 -1.35 0.01	36.30 -2.22 0.01	2.61 -2.18 27.41	30.26 -1.94 0.00	17.76 -1.89 14.23	-1.90 -1.90 34.20	-1.09 -1.82 34.10	26.36 -1.99 16.44	19.10 -2.72 36.07	23.81 -2.37 24.88	18.71 -1.99 22.76	38.42 -1.66 0.01	21.73 -1.48 11.55	33.66 -1.34 0.01	36.24 -1.27 0.00
GREENIDGE___4 23583	10.92 -2.68 30.88	7.45 -2.08 23.83	24.64 -1.94 5.04	23.53 -1.80 4.76	18.23 -1.62 9.39	30.97 -1.70 0.00	28.27 -1.45 0.00	28.17 -1.14 0.00	25.78 -1.13 0.00	27.97 -1.36 0.01	36.29 -2.23 0.01	2.58 -2.21 27.41	30.26 -1.94 0.00	17.75 -1.90 14.23	-1.95 -1.96 34.20	-1.14 -1.86 34.10	26.34 -2.00 16.44	19.02 -2.80 36.07	23.75 -2.42 24.88	18.64 -2.06 22.76	38.42 -1.66 0.01	21.71 -1.51 11.55	33.66 -1.34 0.01	36.24 -1.27 0.00
GREENLWN_69_KV_BK 3 55738	46.33 1.85 0.00	34.92 1.57 0.00	33.17 1.55 0.00	31.62 1.52 0.00	30.66 1.42 0.00	34.15 1.47 0.00	31.09 1.37 0.00	30.32 1.01 0.00	27.99 1.08 0.00	30.43 1.10 0.00	40.52 1.99 0.00	33.52 1.31 0.00	33.60 1.40 0.00	35.57 1.70 0.00	35.11 1.91 1.00	36.36 2.00 0.46	45.25 2.57 2.10	56.89 3.43 4.44	50.88 3.04 3.22	44.29 2.62 1.80	46.21 2.47 -3.65	43.09 2.29 -6.03	42.50 2.35 -5.14	41.69 2.34 -1.83
GREENWD_138_KV_38B11_REV_LBMP_J 345004	46.80 2.33 0.00	35.14 1.78 0.00	33.37 1.74 0.00	31.85 1.76 0.00	30.91 1.68 0.00	34.28 1.60 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.36 1.44 0.00	30.82 1.49 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.06 1.86 0.00	35.94 2.06 0.00	36.46 2.25 0.00	37.13 2.30 0.00	47.61 2.83 0.00	61.62 3.73 0.00	54.45 3.39 0.00	46.43 2.97 0.00	42.83 2.75 0.00	37.22 2.46 0.00	37.36 2.35 0.00	39.82 2.31 0.00
GRISSOM___SOLAR 323813	45.65 1.18 0.00	34.15 0.79 0.00	32.39 0.76 0.00	30.79 0.69 0.00	29.88 0.65 0.00	33.42 0.74 0.00	30.41 0.69 0.00	29.96 0.65 0.00	27.39 0.48 0.00	29.51 0.19 0.00	38.66 0.13 0.00	32.52 0.32 0.00	32.67 0.46 0.00	34.38 0.50 0.00	34.64 0.44 0.00	35.76 0.94 0.00	46.22 1.44 0.00	59.83 1.94 0.00	52.74 1.68 0.00	44.94 1.48 0.00	41.35 1.27 0.00	35.76 1.00 0.00	35.91 0.91 0.00	38.48 0.98 0.00
GROVEVILLE___HYD 323602	46.77 2.30 0.00	35.13 1.78 0.00	33.37 1.74 0.00	31.84 1.74 0.00	30.91 1.68 0.00	34.37 1.69 0.00	31.29 1.57 0.00	30.75 1.44 0.00	28.26 1.35 0.00	30.75 1.42 0.00	40.51 1.98 0.00	33.87 1.67 0.00	33.96 1.76 0.00	35.81 1.93 0.00	36.32 2.12 0.00	37.04 2.22 0.00	47.68 2.90 0.00	61.76 3.86 0.00	54.46 3.40 0.00	46.36 2.90 0.00	42.75 2.67 0.00	37.09 2.33 0.00	37.28 2.27 0.00	39.74 2.23 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	43.98 -0.49 0.00	33.05 -0.31 0.00	31.34 -0.28 0.00	29.82 -0.28 0.00	29.03 -0.21 0.00	32.47 -0.21 0.00	29.55 -0.17 0.00	29.19 -0.12 0.00	26.82 -0.09 0.00	29.25 -0.08 0.00	38.38 -0.15 0.00	32.05 -0.16 0.00	32.02 -0.19 0.00	33.67 -0.20 0.00	34.03 -0.18 0.00	34.68 -0.15 0.00	44.61 -0.17 0.00	57.68 -0.21 0.00	50.89 -0.17 0.00	43.26 -0.20 0.00	39.86 -0.22 0.00	34.54 -0.22 0.00	34.82 -0.18 0.00	37.33 -0.18 0.00
HAMLTNNY_34_KV_TB 80303	43.94 -0.54 0.00	32.99 -0.36 0.00	31.28 -0.35 0.00	29.74 -0.35 0.00	28.98 -0.26 0.00	32.43 -0.25 0.00	29.53 -0.19 0.00	29.17 -0.14 0.00	26.82 -0.10 0.00	29.26 -0.07 0.00	38.38 -0.15 0.00	32.02 -0.19 0.00	31.96 -0.24 0.00	33.67 -0.20 0.00	34.02 -0.19 0.00	34.67 -0.15 0.00	44.60 -0.18 0.00	57.68 -0.21 0.00	50.91 -0.15 0.00	43.28 -0.18 0.00	39.89 -0.19 0.00	34.53 -0.23 0.00	34.84 -0.17 0.00	37.37 -0.14 0.00

HAMPSHIRE___PAPER_HYD 323593	43.73 -0.75 0.00	32.61 -0.75 0.00	30.78 -0.85 0.00	29.21 -0.88 0.00	28.33 -0.90 0.00	31.77 -0.91 0.00	29.01 -0.71 0.00	28.68 -0.63 0.00	26.36 -0.55 0.00	28.95 -0.38 0.00	38.06 -0.47 0.00	31.80 -0.41 0.00	31.67 -0.53 0.00	33.16 -0.72 0.00	33.34 -0.86 0.00	33.74 -1.09 0.00	43.70 -1.08 0.00	56.41 -1.48 0.00	49.70 -1.35 0.00	42.49 -0.97 0.00	39.13 -0.95 0.00	33.91 -0.86 0.00	34.07 -0.94 0.00	36.51 -1.00 0.00
HARDSCRABBLE_WT_PWR 323673	46.96 2.48 0.00	35.05 1.69 0.00	33.34 1.72 0.00	31.70 1.60 0.00	30.77 1.54 0.00	34.37 1.69 0.00	31.15 1.43 0.00	30.74 1.43 0.00	28.02 1.10 0.00	30.19 0.86 0.00	39.72 1.19 0.00	33.29 1.09 0.00	33.22 1.02 0.00	35.24 1.36 0.00	35.58 1.37 0.00	36.58 1.76 0.00	47.31 2.53 0.00	61.24 3.34 0.00	53.95 2.89 0.00	45.84 2.38 0.00	42.40 2.32 0.00	36.69 1.93 0.00	36.84 1.83 0.00	39.36 1.85 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	46.59 2.11 0.00	34.99 1.64 0.00	33.23 1.61 0.00	31.68 1.58 0.00	30.75 1.51 0.00	34.20 1.52 0.00	31.17 1.45 0.00	30.64 1.33 0.00	28.16 1.25 0.00	30.65 1.32 0.00	40.36 1.83 0.00	33.75 1.55 0.00	33.84 1.64 0.00	35.71 1.83 0.00	36.18 1.98 0.00	36.89 2.07 0.00	47.49 2.70 0.00	61.55 3.65 0.00	54.27 3.21 0.00	46.18 2.72 0.00	42.59 2.51 0.00	36.94 2.19 0.00	37.13 2.12 0.00	39.60 2.09 0.00
HARSNRAD_115KV_TB1 81005	33.16 -4.36 6.96	24.77 -3.22 5.37	27.32 -3.17 1.14	25.82 -3.20 1.08	24.17 -2.95 2.12	29.73 -2.95 0.00	27.12 -2.60 0.00	27.11 -2.20 0.00	24.79 -2.12 0.00	27.11 -2.23 0.00	35.49 -3.04 0.00	23.71 -2.27 6.22	29.83 -2.37 0.00	28.15 -2.52 3.21	23.86 -2.62 7.73	24.45 -2.69 7.69	37.17 -3.90 3.71	44.70 -5.06 8.13	40.82 -4.62 5.61	31.06 -4.03 8.38	36.30 -3.77 0.00	28.78 -3.38 2.60	32.07 -2.94 0.00	35.35 -2.17 0.00
HARZA MOOSE___RIVER 24016	43.91 -0.57 0.00	32.95 -0.41 0.00	31.23 -0.40 0.00	29.67 -0.42 0.00	28.81 -0.42 0.00	32.26 -0.42 0.00	29.49 -0.23 0.00	29.16 -0.15 0.00	26.78 -0.13 0.00	29.41 0.08 0.00	38.57 0.04 0.00	32.26 0.05 0.00	32.09 -0.11 0.00	33.62 -0.25 0.00	33.90 -0.31 0.00	34.53 -0.30 0.00	44.85 0.07 0.00	57.99 0.10 0.00	51.03 -0.03 0.00	43.56 0.10 0.00	39.89 -0.19 0.00	34.51 -0.25 0.00	34.61 -0.40 0.00	37.04 -0.47 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	43.69 -0.78 0.00	32.84 -0.52 0.00	31.15 -0.47 0.00	29.64 -0.45 0.00	28.84 -0.40 0.00	32.25 -0.43 0.00	29.35 -0.37 0.00	29.01 -0.30 0.00	26.63 -0.28 0.00	29.05 -0.28 0.00	38.12 -0.42 0.00	31.85 -0.36 0.00	31.80 -0.40 0.00	33.46 -0.42 0.00	33.80 -0.41 0.00	34.44 -0.38 0.00	44.29 -0.49 0.00	57.28 -0.62 0.00	50.50 -0.56 0.00	42.94 -0.52 0.00	39.57 -0.51 0.00	34.30 -0.46 0.00	34.57 -0.43 0.00	37.06 -0.45 0.00
HELLGATE_13_KV_LD 55870	46.95 2.47 0.00	35.21 1.85 0.00	33.39 1.77 0.00	31.89 1.80 0.00	30.97 1.73 0.00	34.30 1.62 0.00	31.34 1.62 0.00	30.77 1.46 0.00	28.39 1.47 0.00	30.88 1.55 0.00	40.64 2.11 0.00	34.08 1.88 0.00	34.16 1.96 0.00	36.03 2.15 0.00	36.55 2.35 0.00	37.22 2.39 0.00	47.69 2.91 0.00	61.72 3.83 0.00	54.50 3.45 0.00	46.47 3.01 0.00	42.86 2.78 0.00	37.28 2.52 0.00	37.40 2.40 0.00	39.84 2.33 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	46.95 2.47 0.00	35.21 1.85 0.00	33.39 1.77 0.00	31.89 1.80 0.00	30.97 1.73 0.00	34.30 1.62 0.00	31.34 1.62 0.00	30.77 1.46 0.00	28.39 1.47 0.00	30.88 1.55 0.00	40.64 2.11 0.00	34.08 1.88 0.00	34.16 1.96 0.00	36.03 2.15 0.00	36.55 2.35 0.00	37.22 2.39 0.00	47.69 2.91 0.00	61.72 3.83 0.00	54.50 3.45 0.00	46.47 3.01 0.00	42.86 2.78 0.00	37.28 2.52 0.00	37.40 2.40 0.00	39.84 2.33 0.00
HEMPSTEAD____ 23647	46.54 2.06 0.00	35.02 1.66 0.00	33.26 1.63 0.00	31.70 1.61 0.00	30.76 1.53 0.00	34.20 1.52 0.00	31.15 1.43 0.00	30.49 1.18 0.00	28.12 1.21 0.00	30.56 1.23 0.00	40.51 1.98 0.00	33.68 1.48 0.00	33.81 1.61 0.00	35.77 1.89 0.00	36.26 2.06 0.00	36.96 2.13 0.00	47.51 2.72 0.00	61.53 3.62 -0.01	54.30 3.21 -0.02	46.22 2.76 -0.01	49.46 2.59 -6.79	46.73 2.35 -9.62	50.92 2.34 -13.57	49.34 2.29 -9.53
HICKLING___1 23621	16.86 -3.60 24.01	12.07 -2.75 18.53	25.14 -2.57 3.92	23.97 -2.42 3.71	19.74 -2.19 7.30	30.29 -2.38 0.00	27.61 -2.11 0.00	27.48 -1.83 0.00	25.13 -1.79 0.00	27.34 -1.99 0.00	35.76 -2.77 0.00	7.84 -2.55 21.81	29.87 -2.33 0.00	20.31 -2.50 11.07	4.84 -2.54 26.82	5.68 -2.63 26.52	28.91 -3.09 12.78	25.76 -4.09 28.05	28.21 -3.50 19.35	20.34 -3.09 20.03	37.43 -2.65 0.01	23.50 -2.28 8.98	32.95 -2.05 0.01	35.57 -1.94 0.00
HICKLING___2 23622	16.86 -3.60 24.01	12.07 -2.75 18.53	25.14 -2.57 3.92	23.97 -2.42 3.71	19.74 -2.19 7.30	30.29 -2.38 0.00	27.61 -2.11 0.00	27.48 -1.83 0.00	25.13 -1.79 0.00	27.34 -1.99 0.00	35.76 -2.77 0.00	7.84 -2.55 21.81	29.87 -2.33 0.00	20.31 -2.50 11.07	4.84 -2.54 26.82	5.68 -2.63 26.52	28.91 -3.09 12.78	25.76 -4.09 28.05	28.21 -3.50 19.35	20.34 -3.09 20.03	37.43 -2.65 0.01	23.50 -2.28 8.98	32.95 -2.05 0.01	35.57 -1.94 0.00
HIGH FALLS___HY 23754	46.83 2.35 0.00	35.11 1.75 0.00	33.34 1.72 0.00	31.79 1.69 0.00	30.87 1.64 0.00	34.34 1.66 0.00	31.27 1.55 0.00	30.76 1.45 0.00	28.30 1.39 0.00	30.82 1.49 0.00	40.59 2.06 0.00	33.84 1.64 0.00	33.87 1.67 0.00	35.64 1.76 0.00	36.27 2.06 0.00	37.07 2.24 0.00	47.83 3.05 0.00	62.06 4.17 0.00	54.75 3.70 0.00	46.60 3.13 0.00	42.93 2.85 0.00	37.22 2.46 0.00	37.38 2.37 0.00	39.85 2.34 0.00
HIGH_RIVER___SOLAR 323847	45.52 1.04 0.00	34.05 0.70 0.00	32.29 0.66 0.00	30.71 0.62 0.00	29.80 0.56 0.00	33.31 0.63 0.00	30.31 0.59 0.00	29.87 0.56 0.00	27.23 0.31 0.00	29.46 0.13 0.00	38.65 0.12 0.00	32.41 0.20 0.00	32.45 0.25 0.00	34.20 0.32 0.00	34.59 0.39 0.00	35.59 0.77 0.00	46.02 1.24 0.00	59.61 1.72 0.00	52.55 1.49 0.00	44.79 1.33 0.00	41.22 1.14 0.00	35.66 0.90 0.00	35.83 0.82 0.00	38.41 0.90 0.00
HILLBURN___GT 23639	46.49 2.02 0.00	34.92 1.56 0.00	33.16 1.54 0.00	31.63 1.54 0.00	30.69 1.46 0.00	34.12 1.44 0.00	31.12 1.40 0.00	30.56 1.25 0.00	28.11 1.19 0.00	30.59 1.26 0.00	40.29 1.76 0.00	33.69 1.49 0.00	33.78 1.58 0.00	35.64 1.76 0.00	36.11 1.91 0.00	36.80 1.98 0.00	47.33 2.54 0.00	61.32 3.43 0.00	54.09 3.03 0.00	46.05 2.58 0.00	42.46 2.38 0.00	36.85 2.09 0.00	37.05 2.05 0.00	39.50 1.99 0.00
HILLSIDE_115KV_TB1 80332	17.60 -3.91 22.96	12.64 -3.00 17.72	25.12 -2.75 3.75	23.98 -2.57 3.54	19.90 -2.35 6.98	30.07 -2.61 0.00	27.39 -2.33 0.00	27.21 -2.10 0.00	24.88 -2.03 0.00	27.16 -2.17 0.00	35.54 -2.99 0.00	8.64 -2.77 20.79	29.62 -2.58 0.00	20.50 -2.79 10.58	5.76 -2.82 25.62	6.49 -2.97 25.36	29.06 -3.50 12.23	26.43 -4.64 26.82	28.59 -3.97 18.51	20.51 -3.50 19.45	37.08 -3.00 0.01	23.60 -2.57 8.59	32.67 -2.33 0.01	35.23 -2.28 0.00

HISHELDN_WT_PWR 323625	27.72 -5.08 11.68	20.56 -3.78 9.01	26.05 -3.67 1.91	24.67 -3.63 1.80	22.34 -3.34 3.55	29.24 -3.44 0.00	26.65 -3.07 0.00	26.65 -2.66 0.00	24.38 -2.54 0.00	26.55 -2.78 0.00	34.75 -3.78 0.00	17.38 -3.14 11.69	29.12 -3.09 0.00	25.24 -3.26 5.38	17.26 -3.39 13.55	18.49 -3.44 12.90	33.92 -4.64 6.22	38.19 -6.06 13.64	36.28 -5.37 9.41	20.20 -4.73 18.53	35.92 -4.16 0.00	26.76 -3.63 4.37	31.77 -3.24 0.00	34.74 -2.77 0.00
HOLTSVILLE_IC_1 23690	46.38 1.90 0.00	34.93 1.57 0.00	33.22 1.59 0.00	31.66 1.56 0.00	30.70 1.46 0.00	34.19 1.51 0.00	31.16 1.44 0.00	30.38 1.08 0.00	28.05 1.14 0.00	30.38 1.05 0.00	40.42 1.89 0.00	33.50 1.30 0.00	33.63 1.43 0.00	35.63 1.75 0.00	37.52 2.12 -1.21	37.63 2.25 -0.56	50.24 2.92 -2.54	67.16 3.87 -5.40	58.41 3.41 -3.94	48.58 2.93 -2.19	48.42 2.82 -5.53	44.09 2.59 -6.74	42.39 2.64 -4.74	42.07 2.58 -1.98
HOLTSVILLE_IC_10 23699	46.55 2.07 0.00	35.06 1.70 0.00	33.33 1.70 0.00	31.76 1.67 0.00	30.80 1.57 0.00	34.32 1.64 0.00	31.28 1.56 0.00	30.49 1.18 0.00	28.16 1.24 0.00	30.48 1.15 0.00	40.56 2.03 0.00	33.62 1.42 0.00	33.74 1.54 0.00	35.76 1.89 0.00	37.46 2.28 -0.98	37.72 2.44 -0.46	50.04 3.19 -2.07	66.53 4.25 -4.39	58.00 3.74 -3.20	48.45 3.21 -1.78	48.52 3.07 -5.37	44.29 2.81 -6.72	42.83 2.85 -4.98	42.42 2.77 -2.13
HOLTSVILLE_IC_2 23691	46.38 1.90 0.00	34.93 1.57 0.00	33.22 1.59 0.00	31.66 1.56 0.00	30.70 1.46 0.00	34.19 1.51 0.00	31.16 1.44 0.00	30.38 1.08 0.00	28.05 1.14 0.00	30.38 1.05 0.00	40.42 1.89 0.00	33.50 1.30 0.00	33.63 1.43 0.00	35.63 1.75 0.00	37.52 2.12 -1.21	37.63 2.25 -0.56	50.24 2.92 -2.54	67.16 3.87 -5.40	58.41 3.41 -3.94	48.58 2.93 -2.19	48.42 2.82 -5.53	44.09 2.59 -6.74	42.39 2.64 -4.74	42.07 2.58 -1.98
HOLTSVILLE_IC_3 23692	46.38 1.90 0.00	34.93 1.57 0.00	33.22 1.59 0.00	31.66 1.56 0.00	30.70 1.46 0.00	34.19 1.51 0.00	31.16 1.44 0.00	30.38 1.08 0.00	28.05 1.14 0.00	30.38 1.05 0.00	40.42 1.89 0.00	33.50 1.30 0.00	33.63 1.43 0.00	35.63 1.75 0.00	37.52 2.12 -1.21	37.63 2.25 -0.56	50.24 2.92 -2.54	67.16 3.87 -5.40	58.41 3.41 -3.94	48.58 2.93 -2.19	48.42 2.82 -5.53	44.09 2.59 -6.74	42.39 2.64 -4.74	42.07 2.58 -1.98
HOLTSVILLE_IC_4 23693	46.38 1.90 0.00	34.93 1.57 0.00	33.22 1.59 0.00	31.66 1.56 0.00	30.70 1.46 0.00	34.19 1.51 0.00	31.16 1.44 0.00	30.38 1.08 0.00	28.05 1.14 0.00	30.38 1.05 0.00	40.42 1.89 0.00	33.50 1.30 0.00	33.63 1.43 0.00	35.63 1.75 0.00	37.52 2.12 -1.21	37.63 2.25 -0.56	50.24 2.92 -2.54	67.16 3.87 -5.40	58.41 3.41 -3.94	48.58 2.93 -2.19	48.42 2.82 -5.53	44.09 2.59 -6.74	42.39 2.64 -4.74	42.07 2.58 -1.98
HOLTSVILLE_IC_5 23694	46.38 1.90 0.00	34.93 1.57 0.00	33.22 1.59 0.00	31.66 1.56 0.00	30.70 1.46 0.00	34.19 1.51 0.00	31.16 1.44 0.00	30.38 1.08 0.00	28.05 1.14 0.00	30.38 1.05 0.00	40.42 1.89 0.00	33.50 1.30 0.00	33.63 1.43 0.00	35.63 1.75 0.00	37.52 2.12 -1.21	37.63 2.25 -0.56	50.24 2.92 -2.54	67.16 3.87 -5.40	58.41 3.41 -3.94	48.58 2.93 -2.19	48.42 2.82 -5.53	44.09 2.59 -6.74	42.39 2.64 -4.74	42.07 2.58 -1.98
HOLTSVILLE_IC_6 23695	46.55 2.07 0.00	35.06 1.70 0.00	33.33 1.70 0.00	31.76 1.67 0.00	30.80 1.57 0.00	34.32 1.64 0.00	31.28 1.56 0.00	30.49 1.18 0.00	28.16 1.24 0.00	30.48 1.15 0.00	40.56 2.03 0.00	33.62 1.42 0.00	33.74 1.54 0.00	35.76 1.89 0.00	37.46 2.28 -0.98	37.72 2.44 -0.46	50.04 3.19 -2.07	66.53 4.25 -4.39	58.00 3.74 -3.20	48.45 3.21 -1.78	48.52 3.07 -5.37	44.29 2.81 -6.72	42.83 2.85 -4.98	42.42 2.77 -2.13
HOLTSVILLE_IC_7 23696	46.55 2.07 0.00	35.06 1.70 0.00	33.33 1.70 0.00	31.76 1.67 0.00	30.80 1.57 0.00	34.32 1.64 0.00	31.28 1.56 0.00	30.49 1.18 0.00	28.16 1.24 0.00	30.48 1.15 0.00	40.56 2.03 0.00	33.62 1.42 0.00	33.74 1.54 0.00	35.76 1.89 0.00	37.46 2.28 -0.98	37.72 2.44 -0.46	50.04 3.19 -2.07	66.53 4.25 -4.39	58.00 3.74 -3.20	48.45 3.21 -1.78	48.52 3.07 -5.37	44.29 2.81 -6.72	42.83 2.85 -4.98	42.42 2.77 -2.13
HOLTSVILLE_IC_8 23697	46.55 2.07 0.00	35.06 1.70 0.00	33.33 1.70 0.00	31.76 1.67 0.00	30.80 1.57 0.00	34.32 1.64 0.00	31.28 1.56 0.00	30.49 1.18 0.00	28.16 1.24 0.00	30.48 1.15 0.00	40.56 2.03 0.00	33.62 1.42 0.00	33.74 1.54 0.00	35.76 1.89 0.00	37.46 2.28 -0.98	37.72 2.44 -0.46	50.04 3.19 -2.07	66.53 4.25 -4.39	58.00 3.74 -3.20	48.45 3.21 -1.78	48.52 3.07 -5.37	44.29 2.81 -6.72	42.83 2.85 -4.98	42.42 2.77 -2.13
HOLTSVILLE_IC_9 23698	46.55 2.07 0.00	35.06 1.70 0.00	33.33 1.70 0.00	31.76 1.67 0.00	30.80 1.57 0.00	34.32 1.64 0.00	31.28 1.56 0.00	30.49 1.18 0.00	28.16 1.24 0.00	30.48 1.15 0.00	40.56 2.03 0.00	33.62 1.42 0.00	33.74 1.54 0.00	35.76 1.89 0.00	37.46 2.28 -0.98	37.72 2.44 -0.46	50.04 3.19 -2.07	66.53 4.25 -4.39	58.00 3.74 -3.20	48.45 3.21 -1.78	48.52 3.07 -5.37	44.29 2.81 -6.72	42.83 2.85 -4.98	42.42 2.77 -2.13
HOMER_HL_115KV_TB2 355744	30.38 -3.58 10.52	22.73 -2.51 8.12	27.52 -2.39 1.72	26.12 -2.35 1.62	23.90 -2.13 3.20	30.44 -2.24 0.00	27.78 -1.94 0.00	27.72 -1.59 0.00	25.29 -1.62 0.00	27.70 -1.63 0.00	36.31 -2.22 0.00	20.97 -1.86 9.37	30.28 -1.92 0.00	26.91 -2.12 4.85	20.31 -2.23 11.66	20.77 -2.44 11.62	36.01 -3.17 5.60	41.67 -3.94 12.29	39.09 -3.49 8.48	30.60 -3.14 9.72	37.26 -2.82 0.00	28.49 -2.34 3.93	33.20 -1.81 0.00	36.05 -1.46 0.00
HOWARD_WT_PWR 323690	16.41 -5.56 22.51	11.75 -4.24 17.37	23.87 -4.09 3.67	22.67 -3.95 3.47	18.74 -3.65 6.84	28.74 -3.93 0.00	26.32 -3.40 0.00	26.24 -3.06 0.00	24.01 -2.90 0.00	26.16 -3.17 0.00	34.08 -4.45 0.00	8.82 -3.82 19.56	28.44 -3.76 0.00	19.58 -3.92 10.37	5.55 -3.92 24.73	6.15 -3.82 24.86	28.02 -4.78 11.98	25.08 -6.52 26.29	27.21 -5.70 18.14	26.08 -4.80 12.58	35.87 -4.21 0.00	22.62 -3.72 8.42	31.43 -3.57 0.00	34.07 -3.44 0.00
HQ_GEN_CEDARS 23644	45.24 0.77 0.00	33.60 0.24 0.00	31.70 0.07 0.00	30.08 -0.01 0.00	29.18 -0.06 0.00	32.77 0.09 0.00	29.88 0.16 0.00	29.51 0.20 0.00	27.14 0.22 0.00	29.60 0.27 0.00	38.90 0.37 0.00	32.47 0.27 0.00	32.45 0.25 0.00	34.06 0.18 0.00	34.31 0.10 0.00	34.82 -0.01 0.00	44.84 0.06 0.00	57.96 0.06 0.00	51.11 0.05 0.00	43.55 0.09 0.00	40.28 0.20 0.00	34.91 0.15 0.00	35.12 0.11 0.00	37.73 0.22 0.00
HQ_GEN_CEDARS_PROXY 323590	45.24 0.77 0.00	33.60 0.24 0.00	31.70 0.07 0.00	30.08 -0.01 0.00	29.18 -0.05 0.00	32.77 0.09 0.00	29.88 0.16 0.00	29.51 0.20 0.00	27.13 0.22 0.00	29.60 0.26 0.00	38.90 0.37 0.00	32.48 0.27 0.00	32.45 0.25 0.00	34.06 0.18 0.00	34.32 0.11 0.00	34.82 -0.01 0.00	44.84 0.06 0.00	57.96 0.06 0.00	51.11 0.05 0.00	43.55 0.09 0.00	40.28 0.20 0.00	34.91 0.15 0.00	35.12 0.11 0.00	37.73 0.22 0.00

HQ_GEN_IMPORT 323601	44.53 0.05 0.00	33.22 -0.13 0.00	31.42 -0.21 0.00	29.85 -0.25 0.00	28.98 -0.25 0.00	32.47 -0.21 0.00	29.56 -0.16 0.00	29.16 -0.15 0.00	26.80 -0.12 0.00	29.21 -0.12 0.00	38.39 -0.14 0.00	32.07 -0.13 0.00	32.06 -0.14 0.00	33.69 -0.19 0.00	33.98 -0.22 0.00	34.56 -0.26 0.00	44.49 -0.29 0.00	57.54 -0.35 0.00	50.75 -0.31 0.00	43.19 -0.27 0.00	39.87 -0.21 0.00	34.55 -0.21 0.00	34.78 -0.22 0.00	37.32 -0.20 0.00
HQ_GEN_WHEEL 23651	44.53 0.05 0.00	33.22 -0.13 0.00	31.42 -0.21 0.00	29.85 -0.25 0.00	28.98 -0.25 0.00	32.47 -0.21 0.00	29.56 -0.16 0.00	29.16 -0.15 0.00	26.80 -0.12 0.00	29.21 -0.12 0.00	38.39 -0.14 0.00	32.07 -0.13 0.00	32.06 -0.14 0.00	33.69 -0.19 0.00	33.98 -0.22 0.00	34.56 -0.26 0.00	44.49 -0.29 0.00	57.54 -0.35 0.00	50.75 -0.31 0.00	43.19 -0.27 0.00	39.87 -0.21 0.00	34.55 -0.21 0.00	34.78 -0.22 0.00	37.32 -0.20 0.00
HUDSON AVE_GT_3 23810	46.81 2.33 0.00	35.11 1.75 0.00	33.33 1.71 0.00	31.83 1.73 0.00	30.89 1.66 0.00	34.25 1.57 0.00	31.29 1.57 0.00	30.72 1.40 0.00	28.30 1.39 0.00	30.78 1.45 0.00	40.54 2.01 0.00	33.92 1.72 0.00	34.06 1.86 0.00	35.92 2.05 0.00	36.40 2.20 0.00	37.09 2.26 0.00	47.59 2.81 0.00	61.58 3.69 0.00	54.33 3.28 0.00	46.30 2.84 0.00	42.73 2.65 0.00	37.13 2.37 0.00	37.32 2.31 0.00	39.74 2.23 0.00
HUDSON AVE_GT_4 23540	46.81 2.33 0.00	35.11 1.75 0.00	33.33 1.71 0.00	31.83 1.73 0.00	30.89 1.66 0.00	34.25 1.57 0.00	31.29 1.57 0.00	30.72 1.40 0.00	28.30 1.39 0.00	30.78 1.45 0.00	40.54 2.01 0.00	33.92 1.72 0.00	34.06 1.86 0.00	35.92 2.05 0.00	36.40 2.20 0.00	37.09 2.26 0.00	47.59 2.81 0.00	61.58 3.69 0.00	54.33 3.28 0.00	46.30 2.84 0.00	42.73 2.65 0.00	37.13 2.37 0.00	37.32 2.31 0.00	39.74 2.23 0.00
HUDSON AVE_GT_5 23657	46.81 2.33 0.00	35.11 1.75 0.00	33.33 1.71 0.00	31.83 1.73 0.00	30.89 1.66 0.00	34.25 1.57 0.00	31.29 1.57 0.00	30.72 1.40 0.00	28.30 1.39 0.00	30.78 1.45 0.00	40.54 2.01 0.00	33.92 1.72 0.00	34.06 1.86 0.00	35.92 2.05 0.00	36.40 2.20 0.00	37.09 2.26 0.00	47.59 2.81 0.00	61.58 3.69 0.00	54.33 3.28 0.00	46.30 2.84 0.00	42.73 2.65 0.00	37.13 2.37 0.00	37.32 2.31 0.00	39.74 2.23 0.00
HUDSON_AVE_10 24168	46.59 2.11 0.00	34.94 1.58 0.00	33.17 1.54 0.00	31.68 1.59 0.00	30.74 1.51 0.00	34.08 1.40 0.00	31.13 1.41 0.00	30.54 1.23 0.01	28.14 1.23 0.01	30.61 1.28 0.00	40.31 1.78 0.00	33.74 1.53 0.00	33.90 1.69 0.00	35.74 1.87 0.00	36.23 2.02 0.00	36.89 2.06 0.00	47.33 2.55 0.00	61.26 3.36 0.00	54.04 2.99 0.00	46.06 2.60 0.00	42.51 2.43 0.00	36.92 2.16 0.00	37.13 2.12 0.00	39.55 2.04 0.00
HUDSON___115KV_TB 4 355613	46.15 1.68 0.00	34.92 1.56 0.00	33.16 1.53 0.00	31.57 1.48 0.00	30.66 1.43 0.00	34.20 1.52 0.00	31.06 1.34 0.00	30.59 1.28 0.00	27.90 0.99 0.00	30.13 0.80 0.00	39.61 1.08 0.00	33.15 0.95 0.00	33.12 0.92 0.00	35.08 1.20 0.00	35.40 1.19 0.00	36.15 1.33 0.00	46.66 1.87 0.00	60.33 2.44 0.00	53.22 2.16 0.00	45.31 1.85 0.00	41.80 1.72 0.00	36.29 1.53 0.00	36.48 1.47 0.00	38.98 1.47 0.00
HUNTER MOUNT___DRP 323613	46.25 1.77 0.00	34.99 1.63 0.00	33.22 1.59 0.00	31.63 1.54 0.00	30.73 1.49 0.00	34.29 1.61 0.00	31.13 1.41 0.00	30.68 1.37 0.00	27.99 1.07 0.00	30.17 0.84 0.00	39.65 1.12 0.00	33.19 0.98 0.00	33.15 0.95 0.00	35.11 1.23 0.00	35.47 1.27 0.00	36.31 1.48 0.00	46.87 2.09 0.00	60.63 2.74 0.00	53.46 2.40 0.00	45.51 2.04 0.00	41.96 1.88 0.00	36.42 1.66 0.00	36.60 1.60 0.00	39.10 1.59 0.00
HUNTINGTON_RES_REC 323705	46.35 1.87 0.00	34.93 1.57 0.00	33.19 1.57 0.00	31.63 1.53 0.00	30.67 1.43 0.00	34.18 1.50 0.00	31.13 1.41 0.00	30.33 1.02 0.00	28.02 1.10 0.00	30.38 1.06 0.00	40.47 1.94 0.00	33.49 1.28 0.00	33.60 1.40 0.00	35.58 1.71 0.00	35.94 2.00 0.27	36.85 2.15 0.12	47.02 2.80 0.56	60.46 3.74 1.18	53.52 3.31 0.85	45.82 2.84 0.48	47.03 2.70 -4.25	43.50 2.50 -6.24	42.73 2.55 -5.18	41.79 2.49 -1.79
HUNTLEY___63 23557	32.93 -4.20 7.36	24.57 -3.11 5.68	27.36 -3.06 1.20	25.86 -3.10 1.14	24.14 -2.85 2.24	29.84 -2.84 0.00	27.22 -2.51 0.00	27.20 -2.11 0.00	24.90 -2.01 0.00	27.24 -2.09 0.00	35.69 -2.84 0.00	23.47 -2.13 6.61	30.00 -2.20 0.00	28.14 -2.35 3.39	23.57 -2.45 8.18	24.15 -2.56 8.12	37.13 -3.74 3.92	44.39 -4.92 8.59	40.65 -4.48 5.93	30.82 -3.94 8.70	36.46 -3.62 0.00	28.74 -3.27 2.75	32.21 -2.79 0.00	35.49 -2.02 0.00
HUNTLEY___64 23558	32.93 -4.20 7.36	24.57 -3.11 5.68	27.36 -3.06 1.20	25.86 -3.10 1.14	24.14 -2.85 2.24	29.84 -2.84 0.00	27.22 -2.51 0.00	27.20 -2.11 0.00	24.90 -2.01 0.00	27.24 -2.09 0.00	35.69 -2.84 0.00	23.47 -2.13 6.61	30.00 -2.20 0.00	28.14 -2.35 3.39	23.57 -2.45 8.18	24.15 -2.56 8.12	37.13 -3.74 3.92	44.39 -4.92 8.59	40.65 -4.48 5.93	30.82 -3.94 8.70	36.46 -3.62 0.00	28.74 -3.27 2.75	32.21 -2.79 0.00	35.49 -2.02 0.00
HUNTLEY___65 23559	32.93 -4.20 7.36	24.57 -3.11 5.68	27.36 -3.06 1.20	25.86 -3.10 1.14	24.14 -2.85 2.24	29.84 -2.84 0.00	27.22 -2.51 0.00	27.20 -2.11 0.00	24.90 -2.01 0.00	27.24 -2.09 0.00	35.69 -2.84 0.00	23.47 -2.13 6.61	30.00 -2.20 0.00	28.14 -2.35 3.39	23.57 -2.45 8.18	24.15 -2.56 8.12	37.13 -3.74 3.92	44.39 -4.92 8.59	40.65 -4.48 5.93	30.82 -3.94 8.70	36.46 -3.62 0.00	28.74 -3.27 2.75	32.21 -2.79 0.00	35.49 -2.02 0.00
HUNTLEY___66 23560	32.93 -4.20 7.36	24.57 -3.11 5.68	27.36 -3.06 1.20	25.86 -3.10 1.14	24.14 -2.85 2.24	29.84 -2.84 0.00	27.22 -2.51 0.00	27.20 -2.11 0.00	24.90 -2.01 0.00	27.24 -2.09 0.00	35.69 -2.84 0.00	23.47 -2.13 6.61	30.00 -2.20 0.00	28.14 -2.35 3.39	23.57 -2.45 8.18	24.15 -2.56 8.12	37.13 -3.74 3.92	44.39 -4.92 8.59	40.65 -4.48 5.93	30.82 -3.94 8.70	36.46 -3.62 0.00	28.74 -3.27 2.75	32.21 -2.79 0.00	35.49 -2.02 0.00
HUNTLEY___67 23561	32.66 -4.38 7.43	24.38 -3.24 5.74	27.25 -3.17 1.21	25.77 -3.18 1.15	24.04 -2.94 2.26	29.73 -2.95 0.00	27.11 -2.61 0.00	27.09 -2.22 0.00	24.80 -2.11 0.00	27.14 -2.19 0.00	35.57 -2.96 0.00	23.22 -2.31 6.68	29.87 -2.33 0.00	27.92 -2.53 3.42	23.29 -2.65 8.27	23.82 -2.80 8.21	36.90 -3.93 3.96	44.09 -5.12 8.68	40.45 -4.62 5.99	30.69 -4.07 8.70	36.40 -3.68 0.00	28.68 -3.30 2.78	32.15 -2.85 0.00	35.32 -2.19 0.00
HUNTLEY___68 23562	32.66 -4.38 7.43	24.38 -3.24 5.74	27.25 -3.17 1.21	25.77 -3.18 1.15	24.04 -2.94 2.26	29.73 -2.95 0.00	27.11 -2.61 0.00	27.09 -2.22 0.00	24.80 -2.11 0.00	27.14 -2.19 0.00	35.57 -2.96 0.00	23.22 -2.31 6.68	29.87 -2.33 0.00	27.92 -2.53 3.42	23.29 -2.65 8.27	23.82 -2.80 8.21	36.90 -3.93 3.96	44.09 -5.12 8.68	40.45 -4.62 5.99	30.69 -4.07 8.70	36.40 -3.68 0.00	28.68 -3.30 2.78	32.15 -2.85 0.00	35.32 -2.19 0.00



HYLAND___LFGE 323620	29.57 -1.75 13.16	21.86 -1.34 10.16	28.13 -1.34 2.15	26.68 -1.38 2.03	24.07 -1.16 4.00	31.66 -1.02 0.00	28.98 -0.74 0.00	28.96 -0.35 0.00	26.44 -0.47 0.00	28.78 -0.54 0.00	37.15 -1.38 0.00	19.76 -1.42 11.02	31.14 -1.06 0.00	26.73 -1.08 6.06	18.93 -1.00 14.27	19.41 -0.88 14.53	37.00 -0.77 7.01	41.87 -0.65 15.37	39.90 -0.55 10.61	39.47 -0.53 3.46	39.66 -0.42 0.00	29.31 -0.52 4.92	34.68 -0.33 0.00	37.56 0.05 0.00
INDECK___CORINTH 23802	47.46 2.98 0.00	35.70 2.35 0.00	33.79 2.17 0.00	32.18 2.09 0.00	31.29 2.06 0.00	34.92 2.24 0.00	31.73 2.01 0.00	31.27 1.96 0.00	28.69 1.78 0.00	31.24 1.91 0.00	41.17 2.65 0.00	34.46 2.25 0.00	34.53 2.33 0.00	36.37 2.49 0.00	36.79 2.58 0.00	37.51 2.68 0.00	48.33 3.55 0.00	62.34 4.45 0.00	54.93 3.87 0.00	46.68 3.22 0.00	43.03 2.95 0.00	37.30 2.54 0.00	37.57 2.56 0.00	40.10 2.59 0.00
INDECK___ILION 23567	45.90 1.43 0.00	34.41 1.05 0.00	32.69 1.07 0.00	31.11 1.01 0.00	30.21 0.98 0.00	33.73 1.05 0.00	30.61 0.89 0.00	30.19 0.88 0.00	27.61 0.70 0.00	29.92 0.59 0.00	39.34 0.81 0.00	32.93 0.72 0.00	32.91 0.70 0.00	34.77 0.89 0.00	35.11 0.90 0.00	35.94 1.11 0.00	46.37 1.59 0.00	59.98 2.08 0.00	52.88 1.82 0.00	44.96 1.50 0.00	41.50 1.42 0.00	35.96 1.20 0.00	36.16 1.15 0.00	38.66 1.15 0.00
INDECK___OLEAN 23982	30.37 -3.59 10.52	22.72 -2.52 8.12	27.52 -2.39 1.72	26.12 -2.35 1.62	23.90 -2.13 3.20	30.44 -2.23 0.00	27.78 -1.94 0.00	27.72 -1.59 0.00	25.29 -1.62 0.00	27.69 -1.63 0.00	36.30 -2.23 0.00	20.94 -1.90 9.37	30.29 -1.91 0.00	26.91 -2.12 4.85	20.26 -2.28 11.66	20.75 -2.46 11.62	36.00 -3.18 5.60	41.62 -3.98 12.29	39.04 -3.55 8.48	30.49 -3.24 9.72	37.25 -2.83 0.00	28.45 -2.37 3.93	33.19 -1.81 0.00	36.05 -1.46 0.00
INDECK___OSWEGO 23783	43.05 -1.43 0.00	32.43 -0.93 0.00	30.77 -0.85 0.00	29.28 -0.81 0.00	28.48 -0.76 0.00	31.84 -2.83 0.00	28.98 -0.74 0.00	28.64 -0.67 0.00	26.30 -0.62 0.00	28.70 -0.63 0.00	37.63 -0.90 0.00	31.43 -0.77 0.00	31.38 -0.82 0.00	32.98 -0.90 0.00	33.29 -0.92 0.00	33.91 -0.91 0.00	43.63 -1.15 0.00	56.40 -1.49 0.00	49.74 -1.32 0.00	42.31 -1.15 0.00	38.98 -1.10 0.00	33.80 -0.96 0.00	34.05 -0.96 0.00	36.49 -1.02 0.00
INDECK___YERKES 23781	32.96 -4.16 7.36	24.60 -3.08 5.68	27.39 -3.04 1.20	25.88 -3.08 1.14	24.16 -2.84 2.24	29.85 -2.83 0.00	27.23 -2.48 0.00	27.22 -2.09 0.00	24.92 -2.00 0.00	27.25 -2.07 0.00	35.72 -2.81 0.00	23.46 -2.14 6.61	30.03 -2.17 0.00	28.15 -2.33 3.39	23.55 -2.47 8.18	24.15 -2.56 8.12	37.13 -3.73 3.92	44.40 -4.90 8.59	40.67 -4.47 5.93	30.80 -3.96 8.70	36.48 -3.60 0.00	28.75 -3.26 2.75	32.22 -2.78 0.00	35.51 -2.00 0.00
INDIAN POINT_GT_1 24139	46.44 1.96 0.00	34.87 1.51 0.00	33.13 1.50 0.00	31.60 1.51 0.00	30.66 1.43 0.00	34.08 1.40 0.00	31.06 1.33 0.00	30.49 1.19 0.00	28.06 1.14 0.00	30.54 1.21 0.00	40.21 1.68 0.00	33.62 1.42 0.00	33.73 1.53 0.00	35.57 1.70 0.00	36.05 1.84 0.00	36.73 1.90 0.00	47.22 2.44 0.00	61.14 3.25 0.00	53.94 2.88 0.00	45.93 2.46 0.00	42.37 2.29 0.00	36.79 2.03 0.00	36.99 1.99 0.00	39.43 1.92 0.00
INDIAN POINT_GT_2 23659	46.44 1.96 0.00	34.87 1.51 0.00	33.13 1.50 0.00	31.60 1.51 0.00	30.66 1.43 0.00	34.08 1.40 0.00	31.06 1.33 0.00	30.49 1.19 0.00	28.06 1.14 0.00	30.54 1.21 0.00	40.21 1.68 0.00	33.62 1.42 0.00	33.73 1.53 0.00	35.57 1.70 0.00	36.05 1.84 0.00	36.73 1.90 0.00	47.22 2.44 0.00	61.14 3.25 0.00	53.94 2.88 0.00	45.93 2.46 0.00	42.37 2.29 0.00	36.79 2.03 0.00	36.99 1.99 0.00	39.43 1.92 0.00
INDIAN POINT_GT_3 24019	46.44 1.96 0.00	34.87 1.51 0.00	33.13 1.50 0.00	31.60 1.51 0.00	30.66 1.43 0.00	34.08 1.40 0.00	31.06 1.33 0.00	30.49 1.19 0.00	28.06 1.14 0.00	30.54 1.21 0.00	40.21 1.68 0.00	33.62 1.42 0.00	33.73 1.53 0.00	35.57 1.70 0.00	36.05 1.84 0.00	36.73 1.90 0.00	47.22 2.44 0.00	61.14 3.25 0.00	53.94 2.88 0.00	45.93 2.46 0.00	42.37 2.29 0.00	36.79 2.03 0.00	36.99 1.99 0.00	39.43 1.92 0.00
INDIAN POINT___2 23530	46.41 1.93 0.00	34.86 1.50 0.00	33.11 1.48 0.00	31.57 1.48 0.00	30.65 1.42 0.00	34.07 1.39 0.00	31.05 1.33 0.00	30.49 1.18 0.00	28.05 1.14 0.00	30.53 1.20 0.00	40.20 1.67 0.00	33.62 1.42 0.00	33.71 1.51 0.00	35.56 1.69 0.00	36.03 1.82 0.00	36.72 1.89 0.00	47.19 2.41 0.00	61.11 3.22 0.00	53.92 2.87 0.00	45.91 2.45 0.00	42.35 2.27 0.00	36.77 2.01 0.00	36.97 1.97 0.00	39.43 1.92 0.00
INDIAN POINT___3 23531	46.41 1.94 0.00	34.86 1.51 0.00	33.11 1.48 0.00	31.59 1.49 0.00	30.66 1.42 0.00	34.07 1.39 0.00	31.05 1.32 0.00	30.49 1.18 0.00	28.05 1.13 0.00	30.52 1.19 0.00	40.20 1.67 0.00	33.62 1.41 0.00	33.72 1.52 0.00	35.56 1.69 0.00	36.02 1.82 0.00	36.71 1.89 0.00	47.19 2.41 0.00	61.10 3.20 0.00	53.90 2.84 0.00	45.90 2.44 0.00	42.34 2.26 0.00	36.76 2.00 0.00	36.97 1.96 0.00	39.42 1.91 0.00
INGHAM_C_115KV_TB7 356103	47.72 3.25 0.00	35.74 2.39 0.00	34.00 2.38 0.00	32.35 2.26 0.00	31.42 2.18 0.00	35.05 2.38 0.00	31.75 2.03 0.00	31.31 2.00 0.00	28.48 1.57 0.00	30.59 1.26 0.00	40.25 1.72 0.00	33.75 1.54 0.00	33.71 1.51 0.00	35.81 1.93 0.00	36.18 1.97 0.00	37.29 2.47 0.00	48.30 3.52 0.00	62.53 4.63 0.00	55.10 4.04 0.00	46.75 3.29 0.00	43.23 3.15 0.00	37.42 2.67 0.00	37.57 2.57 0.00	40.09 2.58 0.00
IP CORINTH___1 23988	47.46 2.98 0.00	35.71 2.35 0.00	33.79 2.17 0.00	32.18 2.09 0.00	31.29 2.06 0.00	34.92 2.24 0.00	31.73 2.01 0.00	31.27 1.96 0.00	28.70 1.78 0.00	31.24 1.91 0.00	41.18 2.64 0.00	34.46 2.25 0.00	34.53 2.33 0.00	36.37 2.49 0.00	36.79 2.58 0.00	37.51 2.68 0.00	48.33 3.55 0.00	62.34 4.45 0.00	54.93 3.87 0.00	46.69 3.23 0.00	43.03 2.95 0.00	37.30 2.54 0.00	37.57 2.56 0.00	40.10 2.59 0.00
IP___TICONDEROGA 23804	49.41 4.93 0.00	37.29 3.93 0.00	34.94 3.32 0.00	33.31 3.21 0.00	32.49 3.26 0.00	36.23 3.55 0.00	32.91 3.19 0.00	32.36 3.05 0.00	29.72 2.81 0.00	32.68 3.35 0.00	43.20 4.67 0.00	36.02 3.82 0.00	36.33 4.13 0.00	38.08 4.20 0.00	38.63 4.43 0.00	39.39 4.56 0.00	51.12 6.34 0.00	65.58 7.69 0.00	57.73 6.67 0.00	48.94 5.48 0.00	44.86 4.78 0.00	38.92 4.16 0.00	39.26 4.25 0.00	41.64 4.13 0.00
ISLIP_RES_REC 323679	46.69 2.21 0.00	35.15 1.79 0.00	33.42 1.79 0.00	31.85 1.76 0.00	30.88 1.65 0.00	34.41 1.73 0.00	31.38 1.66 0.00	30.59 1.28 0.00	28.24 1.33 0.00	30.55 1.22 0.00	40.67 2.13 0.00	33.72 1.52 0.00	33.83 1.63 0.00	35.86 1.99 0.00	37.55 2.39 -0.95	37.85 2.58 -0.44	50.19 3.41 -2.00	66.70 4.54 -4.26	58.17 4.00 -3.10	48.63 3.44 -1.73	48.74 3.28 -5.38	44.49 2.97 -6.76	43.12 2.98 -5.13	42.70 2.91 -2.28

JAMAICA__27_KV_LOAD 355505	46.69 2.22 0.00	34.95 1.59 0.00	33.18 1.55 0.00	31.69 1.60 0.00	30.75 1.51 0.00	34.07 1.39 0.00	31.15 1.43 0.00	30.47 1.17 0.01	28.07 1.16 0.01	30.54 1.21 0.00	40.20 1.67 0.00	33.68 1.48 0.00	33.98 1.78 0.00	35.80 1.92 0.00	36.23 2.03 0.00	36.87 2.04 0.00	47.26 2.48 0.00	61.22 3.33 0.00	54.01 2.95 0.00	46.07 2.61 0.00	42.49 2.41 0.00	36.91 2.14 0.00	37.14 2.14 0.00	39.61 2.09 0.00
JANIS__SOLAR 323808	59.49 0.62 -14.39	44.74 0.28 -11.11	34.16 0.18 -2.35	32.46 0.14 -2.22	33.81 0.20 -4.38	32.99 0.32 0.00	30.09 0.37 0.00	29.82 0.51 0.00	27.39 0.47 0.00	29.95 0.62 0.00	39.00 0.47 0.00	45.47 0.33 -12.93	32.15 -0.05 0.00	40.88 0.37 -6.63	50.61 0.40 -16.01	51.45 0.74 -15.89	53.68 1.24 -7.66	76.55 1.85 -16.81	64.46 1.80 -11.60	58.97 1.39 -14.13	41.23 1.15 0.00	40.98 0.84 -5.38	35.80 0.80 0.00	38.38 0.87 0.00
JARVIS____ 23743	44.62 0.14 0.00	33.50 0.15 0.00	31.81 0.18 0.00	30.27 0.18 0.00	29.41 0.18 0.00	32.85 0.17 0.00	29.84 0.12 0.00	29.43 0.12 0.00	27.00 0.09 0.00	29.44 0.12 0.00	38.68 0.15 0.00	32.34 0.13 0.00	32.34 0.14 0.00	34.04 0.16 0.00	34.37 0.17 0.00	35.02 0.19 0.00	45.00 0.22 0.00	58.19 0.29 0.00	51.31 0.25 0.00	43.68 0.22 0.00	40.25 0.17 0.00	34.94 0.17 0.00	35.19 0.18 0.00	37.68 0.17 0.00
JENNISON____1 23625	48.12 0.02 -3.62	36.05 -0.10 -2.79	31.93 -0.29 -0.59	30.30 -0.35 -0.56	30.00 -0.34 -1.10	32.36 -0.32 0.00	29.50 -0.22 0.00	29.30 -0.01 0.00	26.87 -0.04 0.00	29.28 -0.05 0.00	38.32 -0.21 0.00	35.23 -0.19 -3.21	31.88 -0.33 0.00	35.46 -0.09 -1.67	38.06 -0.16 -4.01	38.93 0.10 -4.00	47.01 0.30 -1.93	62.76 0.63 -4.23	54.71 0.73 -2.92	47.81 0.51 -3.84	40.38 0.30 0.00	36.25 0.14 -1.35	35.07 0.06 0.00	37.59 0.08 0.00
JENNISON____2 23626	48.12 0.02 -3.62	36.05 -0.10 -2.79	31.93 -0.29 -0.59	30.30 -0.35 -0.56	30.00 -0.34 -1.10	32.36 -0.32 0.00	29.50 -0.22 0.00	29.30 -0.01 0.00	26.87 -0.04 0.00	29.28 -0.05 0.00	38.32 -0.21 0.00	35.23 -0.19 -3.21	31.88 -0.33 0.00	35.46 -0.09 -1.67	38.06 -0.16 -4.01	38.93 0.10 -4.00	47.01 0.30 -1.93	62.76 0.63 -4.23	54.71 0.73 -2.92	47.81 0.51 -3.84	40.38 0.30 0.00	36.25 0.14 -1.35	35.07 0.06 0.00	37.59 0.08 0.00
JERICOHO_RISE_WT_PWR 323719	44.92 0.44 0.00	33.34 -0.01 0.00	31.13 -0.49 0.00	29.45 -0.65 0.00	28.51 -0.72 0.00	32.10 -0.58 0.00	29.26 -0.46 0.00	28.80 -0.51 0.00	26.41 -0.50 0.00	28.75 -0.58 0.00	37.82 -0.72 0.00	31.55 -0.66 0.00	31.50 -0.70 0.00	33.08 -0.80 0.00	33.30 -0.90 0.00	33.88 -0.94 0.00	43.69 -1.09 0.00	56.52 -1.38 0.00	49.81 -1.25 0.00	42.43 -1.03 0.00	39.25 -0.83 0.00	33.96 -0.80 0.00	34.17 -0.83 0.00	36.67 -0.84 0.00
KATONAH__115KV_46KV_TB4 355592	46.62 2.14 0.00	35.01 1.65 0.00	33.25 1.62 0.00	31.72 1.63 0.00	30.80 1.57 0.00	34.22 1.55 0.00	31.17 1.45 0.00	30.61 1.30 0.00	28.16 1.25 0.00	30.67 1.34 0.00	40.39 1.86 0.00	33.78 1.57 0.00	33.89 1.69 0.00	35.74 1.86 0.00	36.20 2.00 0.00	36.90 2.08 0.00	47.44 2.66 0.00	61.44 3.55 0.00	54.21 3.14 0.00	46.17 2.71 0.00	42.58 2.50 0.00	36.97 2.21 0.00	37.16 2.15 0.00	39.60 2.09 0.00
KCE_NY_1 323755	46.89 2.41 0.00	35.24 1.89 0.00	33.43 1.80 0.00	31.81 1.72 0.00	30.92 1.69 0.00	34.52 1.85 0.00	31.36 1.64 0.00	30.91 1.60 0.00	28.33 1.42 0.00	30.80 1.47 0.00	40.54 2.01 0.00	33.95 1.74 0.00	34.00 1.80 0.00	35.89 2.01 0.00	36.26 2.05 0.00	36.94 2.11 0.00	47.56 2.78 0.00	61.36 3.46 0.00	54.06 3.00 0.00	46.01 2.55 0.00	42.37 2.29 0.00	36.75 1.99 0.00	36.99 1.98 0.00	39.52 2.01 0.00
KCE_NY_6_ESR 323823	32.03 -4.11 8.34	23.87 -3.05 6.44	27.28 -2.99 1.36	25.81 -3.00 1.29	23.92 -2.78 2.54	29.93 -2.74 0.00	27.28 -2.44 0.00	27.27 -2.04 0.00	24.95 -1.96 0.00	27.31 -2.02 0.00	35.78 -2.75 0.00	22.55 -2.17 7.49	30.05 -2.15 0.00	27.70 -2.33 3.84	22.48 -2.45 9.28	23.04 -2.58 9.21	36.74 -3.60 4.44	43.53 -4.62 9.74	40.18 -4.16 6.72	29.83 -3.71 9.92	36.76 -3.32 0.00	28.66 -2.98 3.12	32.43 -2.57 0.00	35.59 -1.92 0.00
KEDC_PORT_JEFF_GT2 24210	46.41 1.93 0.00	34.97 1.61 0.00	33.25 1.63 0.00	31.68 1.59 0.00	30.72 1.49 0.00	34.23 1.55 0.00	31.20 1.48 0.00	30.39 1.08 0.00	28.08 1.17 0.00	30.41 1.08 0.00	40.48 1.95 0.00	33.53 1.33 0.00	33.67 1.47 0.00	35.68 1.81 0.00	37.32 2.18 -0.93	37.59 2.33 -0.43	49.74 2.99 -1.97	65.97 3.90 -4.18	57.54 3.44 -3.04	48.11 2.95 -1.70	48.25 2.87 -5.31	44.12 2.69 -6.68	42.65 2.74 -4.91	42.22 2.68 -2.03
KEDC_PORT_JEFF_GT3 24211	46.41 1.93 0.00	34.97 1.61 0.00	33.25 1.63 0.00	31.68 1.59 0.00	30.72 1.49 0.00	34.23 1.55 0.00	31.20 1.48 0.00	30.39 1.08 0.00	28.08 1.17 0.00	30.41 1.08 0.00	40.48 1.95 0.00	33.53 1.33 0.00	33.67 1.47 0.00	35.68 1.81 0.00	37.32 2.18 -0.93	37.59 2.33 -0.43	49.74 2.99 -1.97	65.97 3.90 -4.18	57.54 3.44 -3.04	48.11 2.95 -1.70	48.25 2.87 -5.31	44.12 2.69 -6.68	42.65 2.74 -4.91	42.22 2.68 -2.03
KEDC_GLWD_GT4 24219	46.78 2.30 0.00	35.16 1.81 0.00	33.39 1.76 0.00	31.84 1.74 0.00	30.89 1.65 0.00	34.34 1.66 0.00	31.29 1.57 0.00	30.67 1.35 0.00	28.26 1.35 0.00	30.72 1.40 0.00	40.64 2.11 0.00	33.86 1.66 0.00	33.99 1.79 0.00	35.92 2.04 0.00	36.42 2.22 0.00	37.12 2.29 0.00	47.69 2.90 0.00	61.76 3.85 -0.02	54.50 3.41 -0.03	46.41 2.94 -0.01	50.64 2.74 -7.82	48.27 2.46 -11.06	51.95 2.43 -14.51	49.69 2.39 -9.79
KEDC_GLWD_GT5 24220	46.78 2.30 0.00	35.16 1.81 0.00	33.39 1.76 0.00	31.84 1.74 0.00	30.89 1.65 0.00	34.34 1.66 0.00	31.29 1.57 0.00	30.67 1.35 0.00	28.26 1.35 0.00	30.72 1.40 0.00	40.64 2.11 0.00	33.86 1.66 0.00	33.99 1.79 0.00	35.92 2.04 0.00	36.42 2.22 0.00	37.12 2.29 0.00	47.69 2.90 0.00	61.76 3.85 -0.02	54.50 3.41 -0.03	46.41 2.94 -0.01	50.64 2.74 -7.82	48.27 2.46 -11.06	51.95 2.43 -14.51	49.69 2.39 -9.79
KENSICO____ 23655	46.54 2.06 0.00	34.94 1.59 0.00	33.19 1.56 0.00	31.66 1.57 0.00	30.73 1.49 0.00	34.15 1.47 0.00	31.11 1.39 0.00	30.54 1.24 0.00	28.11 1.19 0.00	30.60 1.27 0.00	40.31 1.78 0.00	33.70 1.49 0.00	33.81 1.61 0.00	35.67 1.79 0.00	36.13 1.93 0.00	36.83 2.00 0.00	47.31 2.53 0.00	61.24 3.35 0.00	54.04 2.98 0.00	46.02 2.55 0.00	42.46 2.38 0.00	36.87 2.12 0.00	37.08 2.07 0.00	39.52 2.01 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	46.75 2.28 0.00	35.07 1.72 0.00	33.31 1.68 0.00	31.75 1.66 0.00	30.83 1.60 0.00	34.31 1.63 0.00	31.24 1.52 0.00	30.73 1.42 0.00	28.26 1.35 0.00	30.76 1.43 0.00	40.48 1.95 0.00	33.76 1.55 0.00	33.78 1.58 0.00	35.57 1.70 0.00	36.20 2.00 0.00	37.00 2.17 0.00	47.73 2.95 0.00	61.91 4.01 0.00	54.61 3.55 0.00	46.47 3.01 0.00	42.83 2.75 0.00	37.14 2.38 0.00	37.30 2.29 0.00	39.76 2.25 0.00

KIAC_JFK_GT1 23816	46.45 1.97 0.00	34.78 1.42 0.00	33.01 1.38 0.00	31.53 1.44 0.00	30.59 1.36 0.00	33.89 1.21 0.00	30.98 1.26 0.00	30.31 1.00 0.01	27.92 1.01 0.01	30.38 1.05 0.00	39.99 1.46 0.00	33.52 1.31 0.00	33.80 1.60 0.00	35.60 1.73 0.00	36.05 1.84 0.00	36.64 1.82 0.00	46.81 2.03 0.00	60.63 2.73 0.00	53.49 2.43 0.00	45.61 2.15 0.00	42.07 1.99 0.00	36.54 1.79 0.00	36.80 1.79 0.00	39.38 1.87 0.00
KIAC_JFK_GT2 23817	46.45 1.97 0.00	34.78 1.42 0.00	33.01 1.38 0.00	31.53 1.44 0.00	30.59 1.36 0.00	33.89 1.21 0.00	30.98 1.26 0.00	30.31 1.00 0.01	27.92 1.01 0.01	30.38 1.05 0.00	39.99 1.46 0.00	33.52 1.31 0.00	33.80 1.60 0.00	35.60 1.73 0.00	36.05 1.84 0.00	36.64 1.82 0.00	46.81 2.03 0.00	60.63 2.73 0.00	53.49 2.43 0.00	45.61 2.15 0.00	42.07 1.99 0.00	36.54 1.79 0.00	36.80 1.79 0.00	39.38 1.87 0.00
KIAC_JFK____ 323774	46.45 1.97 0.00	34.77 1.42 0.00	33.01 1.38 0.00	31.53 1.44 0.00	30.59 1.35 0.00	33.89 1.21 0.00	30.99 1.27 0.00	30.31 1.01 0.01	27.92 1.01 0.01	30.38 1.05 0.00	39.99 1.46 0.00	33.52 1.31 0.00	33.80 1.60 0.00	35.60 1.73 0.00	36.05 1.85 0.00	36.64 1.81 0.00	46.81 2.03 0.00	60.63 2.74 0.00	53.49 2.43 0.00	45.62 2.16 0.00	42.07 1.99 0.00	36.54 1.78 0.00	36.80 1.79 0.00	39.38 1.87 0.00
KINTIGH__24_KV_GSU 356498	35.19 -3.80 5.49	26.33 -2.79 4.24	28.03 -2.70 0.90	26.52 -2.72 0.85	25.05 -2.52 1.67	30.16 -2.52 0.00	27.51 -2.21 0.00	27.42 -1.89 0.00	25.13 -1.79 0.00	27.49 -1.84 0.00	36.03 -2.50 0.00	25.31 -1.98 4.91	30.23 -1.97 0.00	29.18 -2.16 2.53	25.80 -2.31 6.10	26.30 -2.46 6.07	38.47 -3.38 2.93	47.06 -4.42 6.42	42.62 -4.01 4.43	33.65 -3.56 6.25	36.90 -3.18 0.00	29.83 -2.87 2.06	32.54 -2.47 0.00	35.59 -1.92 0.00
KINTIGH____ 23543	35.14 -3.84 5.49	26.31 -2.81 4.24	28.01 -2.72 0.90	26.51 -2.74 0.85	25.03 -2.53 1.67	30.14 -2.53 0.00	27.49 -2.23 0.00	27.40 -1.91 0.00	25.10 -1.81 0.00	27.47 -1.86 0.00	36.01 -2.52 0.00	25.31 -1.99 4.91	30.21 -1.99 0.00	29.17 -2.18 2.53	25.80 -2.30 6.10	26.29 -2.46 6.07	38.44 -3.41 2.93	47.03 -4.44 6.42	42.60 -4.03 4.43	33.64 -3.57 6.25	36.88 -3.20 0.00	29.82 -2.88 2.06	32.52 -2.48 0.00	35.58 -1.93 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	45.39 0.91 0.00	33.68 0.32 0.00	31.45 -0.18 0.00	29.72 -0.37 0.00	28.77 -0.47 0.00	32.38 -0.30 0.00	29.53 -0.19 0.00	29.09 -0.22 0.00	26.71 -0.20 0.00	29.08 -0.25 0.00	38.27 -0.26 0.00	31.94 -0.26 0.00	31.85 -0.35 0.00	33.45 -0.43 0.00	33.71 -0.49 0.00	34.32 -0.51 0.00	44.30 -0.48 0.00	57.37 -0.52 0.00	50.56 -0.50 0.00	43.06 -0.40 0.00	39.81 -0.27 0.00	34.41 -0.35 0.00	34.59 -0.41 0.00	37.10 -0.41 0.00
LACHUTE____HYDRO 323717	49.41 4.93 0.00	37.29 3.93 0.00	34.94 3.32 0.00	33.31 3.21 0.00	32.49 3.26 0.00	36.23 3.55 0.00	32.91 3.19 0.00	32.36 3.05 0.00	29.72 2.81 0.00	32.68 3.35 0.00	43.20 4.67 0.00	36.02 3.81 0.00	36.33 4.13 0.00	38.07 4.20 0.00	38.62 4.42 0.00	39.38 4.56 0.00	51.12 6.34 0.00	65.58 7.69 0.00	57.73 6.68 0.00	48.93 5.48 0.00	44.86 4.78 0.00	38.92 4.16 0.00	39.25 4.24 0.00	41.64 4.13 0.00
LAWRNCV_115KV_TB1 80681	45.05 0.57 0.00	33.43 0.07 0.00	31.50 -0.12 0.00	29.88 -0.21 0.00	28.98 -0.26 0.00	32.56 -0.12 0.00	29.71 -0.01 0.00	29.35 0.04 0.00	27.00 0.09 0.00	29.49 0.15 0.00	38.73 0.20 0.00	32.33 0.13 0.00	32.28 0.08 0.00	33.87 -0.01 0.00	34.09 -0.11 0.00	34.48 -0.34 0.00	44.36 -0.43 0.00	57.24 -0.65 0.00	50.47 -0.59 0.00	43.12 -0.34 0.00	39.98 -0.10 0.00	34.71 -0.05 0.00	34.90 -0.10 0.00	37.48 -0.03 0.00
LEDERLE____ 23769	46.65 2.17 0.00	35.03 1.67 0.00	33.27 1.64 0.00	31.73 1.63 0.00	30.80 1.56 0.00	34.24 1.56 0.00	31.22 1.50 0.00	30.66 1.35 0.00	28.19 1.28 0.00	30.69 1.36 0.00	40.42 1.89 0.00	33.79 1.59 0.00	33.89 1.69 0.00	35.76 1.88 0.00	36.23 2.03 0.00	36.93 2.10 0.00	47.50 2.72 0.00	61.53 3.64 0.00	54.29 3.23 0.00	46.22 2.76 0.00	42.62 2.54 0.00	36.99 2.23 0.00	37.18 2.18 0.00	39.65 2.15 0.00
LIGHTHSE_115KV_TB6 355974	42.95 -1.53 0.00	32.28 -1.08 0.00	30.60 -1.03 0.00	29.11 -0.99 0.00	28.30 -0.93 0.00	31.67 -1.01 0.00	28.88 -0.84 0.00	28.59 -0.72 0.00	26.24 -0.68 0.00	28.75 -0.58 0.00	37.67 -0.86 0.00	31.50 -0.71 0.00	31.41 -0.79 0.00	32.94 -0.93 0.00	33.24 -0.96 0.00	33.88 -0.94 0.00	43.74 -1.04 0.00	56.53 -1.37 0.00	49.84 -1.21 0.00	42.44 -1.02 0.00	39.02 -1.06 0.00	33.78 -0.98 0.00	33.90 -1.10 0.00	36.31 -1.20 0.00
LINDEN COGEN____ 23786	46.56 2.09 0.00	34.94 1.58 0.00	33.17 1.54 0.00	31.67 1.58 0.00	30.75 1.51 0.00	34.09 1.41 0.00	31.15 1.43 0.00	30.58 1.27 0.00	28.17 1.25 0.00	30.63 1.30 0.00	40.33 1.80 0.00	33.76 1.55 0.00	33.86 1.66 0.00	35.73 1.85 0.00	36.22 2.02 0.00	36.89 2.07 0.00	47.32 2.54 0.00	61.26 3.36 0.00	54.04 2.98 0.00	46.06 2.60 0.00	42.52 2.44 0.00	36.93 2.17 0.00	37.13 2.12 0.00	39.55 2.03 0.00
LINDHRST_69_KV_BK1 356055	47.03 2.56 0.00	35.41 2.06 0.00	33.62 1.99 0.00	32.03 1.93 0.00	31.08 1.85 0.00	34.59 1.91 0.00	31.51 1.79 0.00	30.79 1.48 0.00	28.41 1.50 0.00	30.81 1.48 0.00	40.97 2.44 0.00	33.94 1.74 0.00	34.10 1.90 0.00	36.13 2.25 0.00	36.95 2.53 -0.22	37.58 2.65 -0.10	48.75 3.49 -0.47	63.60 4.70 -1.01	55.97 4.17 -0.74	47.43 3.56 -0.41	48.83 3.31 -5.44	45.24 2.97 -7.51	46.59 2.91 -8.66	45.83 2.85 -5.47
LIPA_MISC_IPP 23656	46.43 1.95 0.00	34.93 1.58 0.00	33.23 1.61 0.00	31.67 1.58 0.00	30.71 1.48 0.00	34.19 1.51 0.00	31.19 1.47 0.00	30.41 1.11 0.00	28.09 1.17 0.00	30.35 1.02 0.00	40.35 1.82 0.00	33.46 1.25 0.00	33.63 1.43 0.00	35.66 1.78 0.00	37.61 2.25 -1.16	37.78 2.41 -0.54	50.45 3.23 -2.44	67.39 4.31 -5.19	58.64 3.80 -3.78	48.81 3.24 -2.11	48.67 3.10 -5.49	44.30 2.81 -6.73	42.65 2.87 -4.78	42.32 2.81 -2.00
LISF____SOLAR 323691	46.50 2.02 0.00	34.99 1.63 0.00	33.28 1.66 0.00	31.73 1.63 0.00	30.76 1.53 0.00	34.26 1.58 0.00	31.24 1.52 0.00	30.46 1.16 0.00	28.12 1.21 0.00	30.37 1.05 0.00	40.40 1.87 0.00	33.49 1.29 0.00	33.66 1.46 0.00	35.69 1.82 0.00	37.62 2.30 -1.12	37.82 2.47 -0.52	50.44 3.30 -2.36	67.33 4.43 -5.01	58.62 3.91 -3.65	48.84 3.34 -2.04	48.73 3.18 -5.46	44.38 2.89 -6.73	42.78 2.95 -4.82	42.42 2.88 -2.03
LITTLE FALLS____HYD 24013	47.72 3.25 0.00	35.74 2.39 0.00	34.00 2.38 0.00	32.35 2.26 0.00	31.42 2.18 0.00	35.05 2.38 0.00	31.75 2.03 0.00	31.31 2.00 0.00	28.48 1.57 0.00	30.59 1.26 0.00	40.25 1.72 0.00	33.75 1.54 0.00	33.71 1.51 0.00	35.81 1.93 0.00	36.18 1.97 0.00	37.29 2.47 0.00	48.30 3.52 0.00	62.53 4.63 0.00	55.10 4.04 0.00	46.75 3.29 0.00	43.23 3.15 0.00	37.42 2.67 0.00	37.57 2.57 0.00	40.09 2.58 0.00

LITTLRIV_115KV_TB1 356100	45.55 1.07 0.00	33.77 0.42 0.00	31.82 0.19 0.00	30.17 0.07 0.00	29.26 0.03 0.00	32.88 0.20 0.00	30.04 0.32 0.00	29.69 0.38 0.00	27.33 0.42 0.00	29.83 0.49 0.00	39.15 0.62 0.00	32.64 0.44 0.00	32.55 0.35 0.00	34.15 0.27 0.00	34.39 0.18 0.00	34.73 -0.10 0.00	44.80 0.02 0.00	57.91 0.02 0.00	51.05 -0.01 0.00	43.59 0.13 0.00	40.41 0.33 0.00	35.10 0.35 0.00	35.29 0.28 0.00	37.90 0.39 0.00
LI_NEWBRDGE___DRP 323616	46.37 1.89 0.00	34.90 1.55 0.00	33.16 1.54 0.00	31.61 1.52 0.00	30.65 1.42 0.00	34.10 1.42 0.00	31.06 1.34 0.00	30.37 1.06 0.00	28.02 1.11 0.00	30.44 1.11 0.00	40.40 1.88 0.00	33.54 1.34 0.00	33.67 1.47 0.00	35.62 1.74 0.00	36.13 1.93 0.00	36.84 2.01 0.00	47.33 2.55 0.00	61.27 3.37 -0.01	54.06 2.99 -0.01	46.04 2.58 -0.01	46.62 2.43 -4.11	42.78 2.22 -5.80	40.40 2.23 -3.16	40.04 2.21 -0.33
LOCKPORT_115KV_TB60_63_64 80432	33.41 -4.28 6.79	24.95 -3.17 5.24	27.40 -3.12 1.11	25.88 -3.17 1.05	24.27 -2.90 2.07	29.77 -2.91 0.00	27.16 -2.56 0.00	27.15 -2.16 0.00	24.82 -2.10 0.00	27.13 -2.20 0.00	35.52 -3.01 0.00	23.93 -2.21 6.07	29.87 -2.33 0.00	28.28 -2.46 3.13	24.11 -2.56 7.54	24.72 -2.61 7.50	37.36 -3.80 3.62	45.03 -4.93 7.93	41.06 -4.52 5.47	31.52 -3.92 8.02	36.36 -3.72 0.00	28.89 -3.33 2.54	32.11 -2.89 0.00	35.40 -2.11 0.00
LOCKPORT___CC1 323769	33.16 -4.35 6.96	24.77 -3.22 5.37	27.33 -3.16 1.14	25.82 -3.20 1.08	24.16 -2.96 2.12	29.72 -2.96 0.00	27.12 -2.60 0.00	27.11 -2.20 0.00	24.79 -2.12 0.00	27.10 -2.23 0.00	35.49 -3.04 0.00	23.69 -2.30 6.22	29.84 -2.36 0.00	28.15 -2.52 3.21	23.82 -2.65 7.73	24.42 -2.72 7.69	37.14 -3.93 3.71	44.66 -5.10 8.13	40.80 -4.65 5.61	31.02 -4.06 8.38	36.30 -3.77 0.00	28.76 -3.40 2.60	32.06 -2.94 0.00	35.34 -2.17 0.00
LOCKPORT___CC2 323770	33.16 -4.35 6.96	24.77 -3.22 5.37	27.33 -3.16 1.14	25.82 -3.20 1.08	24.16 -2.96 2.12	29.72 -2.96 0.00	27.12 -2.60 0.00	27.11 -2.20 0.00	24.79 -2.12 0.00	27.10 -2.23 0.00	35.49 -3.04 0.00	23.69 -2.30 6.22	29.84 -2.36 0.00	28.15 -2.52 3.21	23.82 -2.65 7.73	24.42 -2.72 7.69	37.14 -3.93 3.71	44.66 -5.10 8.13	40.80 -4.65 5.61	31.02 -4.06 8.38	36.30 -3.77 0.00	28.76 -3.40 2.60	32.06 -2.94 0.00	35.34 -2.17 0.00
LOCKPORT___CC3 323771	33.16 -4.35 6.96	24.77 -3.22 5.37	27.33 -3.16 1.14	25.82 -3.20 1.08	24.16 -2.96 2.12	29.72 -2.96 0.00	27.12 -2.60 0.00	27.11 -2.20 0.00	24.79 -2.12 0.00	27.10 -2.23 0.00	35.49 -3.04 0.00	23.69 -2.30 6.22	29.84 -2.36 0.00	28.15 -2.52 3.21	23.82 -2.65 7.73	24.42 -2.72 7.69	37.14 -3.93 3.71	44.66 -5.10 8.13	40.80 -4.65 5.61	31.02 -4.06 8.38	36.30 -3.77 0.00	28.76 -3.40 2.60	32.06 -2.94 0.00	35.34 -2.17 0.00
LOCUSVLY_69_KV_BK2 55797	46.76 2.28 0.00	35.19 1.83 0.00	33.41 1.78 0.00	31.85 1.76 0.00	30.91 1.68 0.00	34.38 1.70 0.00	31.32 1.60 0.00	30.64 1.33 0.00	28.26 1.35 0.00	30.72 1.39 0.00	40.73 2.20 0.00	33.86 1.65 0.00	33.98 1.78 0.00	35.94 2.06 0.00	36.20 2.25 0.25	37.04 2.33 0.12	47.23 2.98 0.53	60.75 3.97 1.11	53.78 3.52 0.79	46.04 3.03 0.45	49.61 2.83 -6.70	47.00 2.55 -9.70	49.67 2.54 -12.13	47.82 2.51 -7.80
LONG_LAKE_PHOENIX 24014	43.20 -1.27 0.00	32.49 -0.87 0.00	30.83 -0.80 0.00	29.33 -0.76 0.00	28.53 -0.70 0.00	31.90 -0.78 0.00	29.04 -0.68 0.00	28.69 -0.62 0.00	26.36 -0.56 0.00	28.75 -0.59 0.00	37.68 -0.86 0.00	31.49 -0.71 0.00	31.44 -0.76 0.00	33.06 -0.81 0.00	33.39 -0.81 0.00	34.02 -0.81 0.00	43.75 -1.03 0.00	56.58 -1.31 0.00	49.89 -1.17 0.00	42.43 -1.03 0.00	39.10 -0.98 0.00	33.90 -0.86 0.00	34.16 -0.85 0.00	36.60 -0.90 0.00
LOVETT___3 23632	46.42 1.94 0.00	34.86 1.51 0.00	33.11 1.48 0.00	31.59 1.49 0.00	30.66 1.42 0.00	34.07 1.39 0.00	31.06 1.33 0.00	30.49 1.19 0.00	28.05 1.13 0.00	30.53 1.20 0.00	40.20 1.67 0.00	33.62 1.42 0.00	33.72 1.52 0.00	35.56 1.69 0.00	36.02 1.82 0.00	36.72 1.89 0.00	47.20 2.43 0.00	61.12 3.23 0.00	53.93 2.87 0.00	45.92 2.46 0.00	42.35 2.27 0.00	36.77 2.01 0.00	36.98 1.97 0.00	39.43 1.92 0.00
LOVETT___4 23642	46.42 1.94 0.00	34.86 1.51 0.00	33.11 1.48 0.00	31.59 1.49 0.00	30.66 1.42 0.00	34.07 1.39 0.00	31.06 1.33 0.00	30.49 1.19 0.00	28.05 1.13 0.00	30.53 1.20 0.00	40.20 1.67 0.00	33.62 1.42 0.00	33.72 1.52 0.00	35.56 1.69 0.00	36.02 1.82 0.00	36.72 1.89 0.00	47.20 2.43 0.00	61.12 3.23 0.00	53.93 2.87 0.00	45.92 2.46 0.00	42.35 2.27 0.00	36.77 2.01 0.00	36.98 1.97 0.00	39.43 1.92 0.00
LOVETT___5 23593	46.42 1.94 0.00	34.86 1.51 0.00	33.11 1.48 0.00	31.59 1.49 0.00	30.66 1.42 0.00	34.07 1.39 0.00	31.06 1.33 0.00	30.49 1.19 0.00	28.05 1.13 0.00	30.53 1.20 0.00	40.20 1.67 0.00	33.62 1.42 0.00	33.72 1.52 0.00	35.56 1.69 0.00	36.02 1.82 0.00	36.72 1.89 0.00	47.20 2.43 0.00	61.12 3.23 0.00	53.93 2.87 0.00	45.92 2.46 0.00	42.35 2.27 0.00	36.77 2.01 0.00	36.98 1.97 0.00	39.43 1.92 0.00
LOWER RAQUET___HYD 24057	44.98 0.50 0.00	33.38 0.02 0.00	31.44 -0.19 0.00	29.82 -0.27 0.00	28.91 -0.32 0.00	32.49 -0.19 0.00	29.65 -0.07 0.00	29.30 -0.01 0.00	26.96 0.05 0.00	29.45 0.12 0.00	38.69 0.15 0.00	32.29 0.09 0.00	32.23 0.03 0.00	33.80 -0.07 0.00	34.03 -0.18 0.00	34.38 -0.45 0.00	44.20 -0.58 0.00	57.02 -0.87 0.00	50.26 -0.80 0.00	42.98 -0.48 0.00	39.88 -0.20 0.00	34.65 -0.11 0.00	34.84 -0.17 0.00	37.40 -0.11 0.00
LOWER___HUDSON 24059	46.12 1.64 0.00	34.74 1.39 0.00	33.00 1.37 0.00	31.44 1.35 0.00	30.52 1.29 0.00	34.05 1.37 0.00	30.94 1.22 0.00	30.47 1.16 0.00	27.93 1.02 0.00	30.37 1.04 0.00	39.91 1.38 0.00	33.40 1.20 0.00	33.44 1.24 0.00	35.26 1.38 0.00	35.63 1.43 0.00	36.24 1.42 0.00	46.49 1.71 0.00	59.97 2.08 0.00	52.88 1.82 0.00	45.03 1.57 0.00	41.52 1.44 0.00	36.08 1.31 0.00	36.31 1.30 0.00	38.85 1.34 0.00
LOWVILLE_115KV_TB2 356335	43.09 -1.39 0.00	32.32 -1.03 0.00	30.61 -1.02 0.00	29.06 -1.03 0.00	28.20 -1.04 0.00	31.61 -1.07 0.00	28.98 -0.74 0.00	28.69 -0.62 0.00	26.33 -0.58 0.00	29.05 -0.28 0.00	38.05 -0.48 0.00	31.84 -0.37 0.00	31.61 -0.59 0.00	33.06 -0.82 0.00	33.23 -0.98 0.00	33.81 -1.02 0.00	44.13 -0.65 0.00	57.03 -0.86 0.00	50.15 -0.91 0.00	42.91 -0.55 0.00	39.16 -0.93 0.00	33.84 -0.92 0.00	33.88 -1.12 0.00	36.26 -1.25 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	46.84 2.36 0.00	35.23 1.87 0.00	33.42 1.80 0.00	31.82 1.73 0.00	30.92 1.69 0.00	34.52 1.84 0.00	31.36 1.64 0.00	30.90 1.59 0.00	28.32 1.41 0.00	30.79 1.47 0.00	40.54 2.01 0.00	33.93 1.73 0.00	33.98 1.78 0.00	35.85 1.97 0.00	36.23 2.03 0.00	36.92 2.09 0.00	47.50 2.72 0.00	61.29 3.40 0.00	54.02 2.96 0.00	45.96 2.50 0.00	42.35 2.28 0.00	36.74 1.98 0.00	36.98 1.97 0.00	39.53 2.02 0.00

LUTHERNY_35_KV_BK2 355980	46.89 2.41 0.00	35.25 1.89 0.00	33.43 1.80 0.00	31.81 1.72 0.00	30.92 1.69 0.00	34.53 1.85 0.00	31.36 1.64 0.00	30.92 1.61 0.00	28.33 1.42 0.00	30.80 1.48 0.00	40.54 2.01 0.00	33.95 1.75 0.00	34.00 1.80 0.00	35.89 2.01 0.00	36.26 2.05 0.00	36.94 2.11 0.00	47.55 2.77 0.00	61.36 3.46 0.00	54.06 3.00 0.00	46.00 2.54 0.00	42.37 2.29 0.00	36.76 2.00 0.00	36.99 1.98 0.00	39.52 2.01 0.00
LWR___OSWEGATCHIE_HYD 23850	43.73 -0.75 0.00	32.61 -0.75 0.00	30.78 -0.85 0.00	29.21 -0.88 0.00	28.33 -0.90 0.00	31.77 -0.91 0.00	29.01 -0.72 0.00	28.68 -0.63 0.00	26.36 -0.55 0.00	28.95 -0.38 0.00	38.06 -0.47 0.00	31.80 -0.41 0.00	31.67 -0.53 0.00	33.16 -0.72 0.00	33.34 -0.86 0.00	33.74 -1.09 0.00	43.70 -1.08 0.00	56.41 -1.48 0.00	49.70 -1.35 0.00	42.49 -0.97 0.00	39.13 -0.95 0.00	33.90 -0.86 0.00	34.07 -0.94 0.00	36.51 -1.00 0.00
LYONS_FALL_HYD 23570	43.91 -0.57 0.00	32.95 -0.41 0.00	31.23 -0.40 0.00	29.67 -0.42 0.00	28.81 -0.42 0.00	32.26 -0.42 0.00	29.49 -0.23 0.00	29.16 -0.15 0.00	26.78 -0.13 0.00	29.41 0.08 0.00	38.57 0.04 0.00	32.26 0.05 0.00	32.09 -0.11 0.00	33.62 -0.25 0.00	33.90 -0.31 0.00	34.53 -0.30 0.00	44.85 0.07 0.00	57.99 0.10 0.00	51.03 -0.03 0.00	43.56 0.10 0.00	39.89 -0.19 0.00	34.51 -0.25 0.00	34.61 -0.40 0.00	37.03 -0.48 0.00
MADISON___COUNTY_LFGE 323628	45.06 0.58 0.00	33.84 0.49 0.00	32.12 0.49 0.00	30.55 0.45 0.00	29.70 0.47 0.00	33.23 0.55 0.00	30.27 0.55 0.00	29.90 0.59 0.00	27.47 0.56 0.00	29.99 0.66 0.00	39.37 0.84 0.00	32.91 0.70 0.00	32.79 0.58 0.00	34.45 0.57 0.00	34.90 0.70 0.00	35.63 0.80 0.00	46.00 1.22 0.00	59.47 1.57 0.00	52.37 1.31 0.00	44.53 1.07 0.00	40.98 0.90 0.00	35.48 0.72 0.00	35.67 0.67 0.00	38.19 0.68 0.00
MALONE___115KV_TB1 356076	45.46 0.98 0.00	33.69 0.34 0.00	31.52 -0.11 0.00	29.80 -0.29 0.00	28.88 -0.36 0.00	32.53 -0.15 0.00	29.70 -0.03 0.00	29.28 -0.03 0.00	26.91 0.00 0.00	29.33 0.00 0.00	38.56 0.03 0.00	32.17 -0.03 0.00	32.12 -0.08 0.00	33.73 -0.15 0.00	33.93 -0.27 0.00	34.48 -0.34 0.00	44.42 -0.36 0.00	57.46 -0.43 0.00	50.65 -0.40 0.00	43.17 -0.29 0.00	39.94 -0.13 0.00	34.57 -0.19 0.00	34.76 -0.25 0.00	37.29 -0.22 0.00
MAPLEWOD_115KV_TB3 80458	45.86 1.39 0.00	34.64 1.29 0.00	32.90 1.28 0.00	31.35 1.26 0.00	30.44 1.21 0.00	33.95 1.27 0.00	30.84 1.11 0.00	30.35 1.04 0.00	27.77 0.86 0.00	30.18 0.85 0.00	39.68 1.15 0.00	33.22 1.02 0.00	33.27 1.07 0.00	35.08 1.21 0.00	35.46 1.26 0.00	36.08 1.25 0.00	46.19 1.41 0.00	59.61 1.72 0.00	52.57 1.52 0.00	44.79 1.33 0.00	41.30 1.22 0.00	35.89 1.13 0.00	36.12 1.12 0.00	38.64 1.13 0.00
MAPLE_RIDGE_WT_1 323574	43.36 -1.12 0.00	32.37 -0.99 0.00	30.70 -0.93 0.00	29.29 -0.81 0.00	28.42 -0.82 0.00	31.87 -0.81 0.00	29.09 -0.63 0.00	28.71 -0.60 0.00	26.34 -0.58 0.00	28.79 -0.54 0.00	37.93 -0.60 0.00	31.69 -0.51 0.00	31.69 -0.51 0.00	33.20 -0.69 0.00	33.33 -0.88 0.00	33.86 -0.97 0.00	43.84 -0.94 0.00	56.62 -1.28 0.00	50.06 -1.00 0.00	42.86 -0.60 0.00	39.19 -0.89 0.00	33.92 -0.84 0.00	34.17 -0.84 0.00	36.65 -0.86 0.00
MAPLE_RIDGE_WT_2 323611	43.36 -1.12 0.00	32.37 -0.99 0.00	30.70 -0.93 0.00	29.29 -0.81 0.00	28.42 -0.82 0.00	31.87 -0.81 0.00	29.09 -0.63 0.00	28.71 -0.60 0.00	26.34 -0.58 0.00	28.79 -0.54 0.00	37.93 -0.60 0.00	31.69 -0.51 0.00	31.69 -0.51 0.00	33.20 -0.69 0.00	33.33 -0.88 0.00	33.86 -0.97 0.00	43.84 -0.94 0.00	56.62 -1.28 0.00	50.06 -1.00 0.00	42.86 -0.60 0.00	39.19 -0.89 0.00	33.92 -0.84 0.00	34.17 -0.84 0.00	36.65 -0.86 0.00
MARBLE_RIVER_WT_PWR 323696	44.89 0.42 0.00	33.35 -0.01 0.00	31.15 -0.48 0.00	29.46 -0.63 0.00	28.52 -0.71 0.00	32.10 -0.58 0.00	29.26 -0.46 0.00	28.78 -0.53 0.00	26.40 -0.52 0.00	28.73 -0.60 0.00	37.80 -0.73 0.00	31.53 -0.68 0.00	31.48 -0.72 0.00	33.06 -0.81 0.00	33.29 -0.91 0.00	33.88 -0.95 0.00	43.67 -1.11 0.00	56.49 -1.41 0.00	49.78 -1.27 0.00	42.41 -1.05 0.00	39.21 -0.87 0.00	33.94 -0.81 0.00	34.16 -0.85 0.00	36.66 -0.85 0.00
MARSHVLE_115KV_TB1 80742	44.36 -0.12 0.00	33.00 -0.36 0.00	31.24 -0.39 0.00	29.66 -0.43 0.00	28.73 -0.50 0.00	32.17 -0.51 0.00	29.30 -0.42 0.00	28.90 -0.41 0.00	26.54 -0.37 0.00	28.93 -0.40 0.00	37.85 -0.68 0.00	31.68 -0.53 0.00	31.74 -0.46 0.00	33.32 -0.56 0.00	33.69 -0.51 0.00	34.50 -0.33 0.00	44.54 -0.24 0.00	57.75 -0.15 0.00	50.91 -0.15 0.00	43.46 0.00 0.00	39.94 -0.14 0.00	34.50 -0.26 0.00	34.63 -0.38 0.00	37.20 -0.31 0.00
MARSH_HILL_WT_PWR 323713	18.00 -5.55 20.92	12.99 -4.22 16.15	24.14 -4.07 3.42	22.94 -3.93 3.23	19.24 -3.63 6.36	28.78 -3.90 0.00	26.32 -3.40 0.00	26.25 -3.06 0.00	24.01 -2.90 0.00	26.15 -3.17 0.00	34.08 -4.44 0.00	10.30 -3.84 18.06	28.46 -3.74 0.00	20.34 -3.90 9.64	7.34 -3.92 22.93	7.90 -3.82 23.11	28.84 -4.79 11.14	26.93 -6.52 24.44	28.50 -5.70 16.86	28.16 -4.80 10.50	35.89 -4.19 0.00	23.23 -3.71 7.82	31.42 -3.58 0.00	34.06 -3.45 0.00
MCINTYRE_115KV_TB2 80467	45.88 1.40 0.00	34.01 0.65 0.00	32.05 0.43 0.00	30.39 0.30 0.00	29.47 0.24 0.00	33.14 0.46 0.00	30.28 0.56 0.00	29.94 0.63 0.00	27.56 0.65 0.00	30.05 0.71 0.00	39.43 0.90 0.00	32.84 0.64 0.00	32.74 0.54 0.00	34.38 0.50 0.00	34.65 0.45 0.00	35.00 0.17 0.00	45.33 0.55 0.00	58.71 0.82 0.00	51.74 0.68 0.00	44.12 0.66 0.00	40.86 0.77 0.00	35.43 0.67 0.00	35.59 0.58 0.00	38.23 0.72 0.00
MECO_____69_KV_BK1 80468	45.81 1.33 0.00	34.20 0.85 0.00	32.42 0.79 0.00	30.81 0.72 0.00	29.90 0.66 0.00	33.45 0.77 0.00	30.46 0.74 0.00	30.04 0.73 0.00	27.45 0.54 0.00	29.60 0.27 0.00	38.75 0.22 0.00	32.57 0.37 0.00	32.68 0.48 0.00	34.48 0.60 0.00	34.84 0.63 0.00	35.89 1.06 0.00	46.46 1.68 0.00	60.25 2.36 0.00	53.10 2.04 0.00	45.25 1.79 0.00	41.61 1.53 0.00	35.94 1.17 0.00	36.06 1.06 0.00	38.67 1.16 0.00
MENANDS___115KV_TB5 355628	45.65 1.18 0.00	34.53 1.17 0.00	32.80 1.17 0.00	31.25 1.16 0.00	30.36 1.12 0.00	33.85 1.17 0.00	30.73 1.02 0.00	30.24 0.93 0.00	27.66 0.75 0.00	30.06 0.74 0.00	39.50 0.97 0.00	33.08 0.88 0.00	33.13 0.93 0.00	34.95 1.07 0.00	35.30 1.09 0.00	35.91 1.08 0.00	45.91 1.13 0.00	59.21 1.32 0.00	52.23 1.17 0.00	44.51 1.05 0.00	41.06 0.98 0.00	35.70 0.94 0.00	35.94 0.93 0.00	38.45 0.94 0.00
MG INDUSTRY___DRP 24185	45.59 1.12 0.00	34.46 1.10 0.00	32.74 1.11 0.00	31.20 1.10 0.00	30.31 1.07 0.00	33.79 1.11 0.00	30.65 0.93 0.00	30.17 0.86 0.00	27.58 0.67 0.00	29.93 0.60 0.00	39.31 0.78 0.00	32.93 0.72 0.00	32.96 0.75 0.00	34.79 0.91 0.00	35.14 0.93 0.00	35.82 0.99 0.00	45.94 1.16 0.00	59.28 1.38 0.00	52.29 1.23 0.00	44.53 1.07 0.00	41.09 1.01 0.00	35.70 0.94 0.00	35.95 0.95 0.00	38.47 0.96 0.00

MID___OSWEGATCHIE_HYD 23849	43.73 -0.75 0.00	32.61 -0.75 0.00	30.78 -0.85 0.00	29.21 -0.88 0.00	28.33 -0.90 0.00	31.77 -0.91 0.00	29.01 -0.72 0.00	28.68 -0.63 0.00	26.36 -0.55 0.00	28.95 -0.38 0.00	38.06 -0.47 0.00	31.80 -0.41 0.00	31.67 -0.53 0.00	33.16 -0.72 0.00	33.34 -0.86 0.00	33.74 -1.09 0.00	43.70 -1.08 0.00	56.41 -1.48 0.00	49.70 -1.35 0.00	42.49 -0.97 0.00	39.13 -0.95 0.00	33.90 -0.86 0.00	34.07 -0.94 0.00	36.51 -1.00 0.00
MID___RAQUETTE_HYD 23851	44.98 0.50 0.00	33.37 0.02 0.00	31.44 -0.19 0.00	29.81 -0.28 0.00	28.91 -0.32 0.00	32.48 -0.19 0.00	29.65 -0.07 0.00	29.30 -0.01 0.00	26.96 0.05 0.00	29.45 0.12 0.00	38.68 0.15 0.00	32.29 0.08 0.00	32.23 0.03 0.00	33.80 -0.07 0.00	34.02 -0.18 0.00	34.38 -0.45 0.00	44.20 -0.58 0.00	57.02 -0.87 0.00	50.26 -0.80 0.00	42.98 -0.48 0.00	39.88 -0.21 0.00	34.65 -0.11 0.00	34.83 -0.17 0.00	37.40 -0.11 0.00
MILLIKEN___1 23584	61.69 0.13 -17.08	46.64 0.10 -13.18	34.48 0.07 -2.79	32.78 0.05 -2.64	34.57 0.14 -5.19	32.87 0.19 0.00	29.95 0.23 0.00	29.58 0.27 0.00	27.21 0.29 0.00	29.69 0.36 0.00	38.78 0.25 0.00	47.72 0.17 -15.35	32.28 0.07 0.00	42.04 0.29 -7.87	53.54 0.33 -19.00	54.11 0.42 -18.87	54.53 0.65 -9.09	78.77 0.92 -19.95	65.73 0.90 -13.77	60.78 0.70 -16.62	40.67 0.58 0.00	41.55 0.40 -6.39	35.47 0.46 0.00	38.02 0.51 0.00
MILLIKEN___2 23585	61.69 0.13 -17.08	46.64 0.10 -13.18	34.48 0.07 -2.79	32.78 0.05 -2.64	34.57 0.14 -5.19	32.87 0.19 0.00	29.95 0.23 0.00	29.58 0.27 0.00	27.21 0.29 0.00	29.69 0.36 0.00	38.78 0.25 0.00	47.72 0.17 -15.35	32.28 0.07 0.00	42.04 0.29 -7.87	53.54 0.33 -19.00	54.11 0.42 -18.87	54.53 0.65 -9.09	78.77 0.92 -19.95	65.73 0.90 -13.77	60.78 0.70 -16.62	40.67 0.58 0.00	41.55 0.40 -6.39	35.47 0.46 0.00	38.02 0.51 0.00
MILLIKEN___DIESEL 23629	61.69 0.13 -17.08	46.64 0.10 -13.18	34.48 0.07 -2.79	32.78 0.05 -2.64	34.57 0.14 -5.19	32.87 0.19 0.00	29.95 0.23 0.00	29.58 0.27 0.00	27.21 0.29 0.00	29.69 0.36 0.00	38.78 0.25 0.00	47.72 0.17 -15.35	32.28 0.07 0.00	42.04 0.29 -7.87	53.54 0.33 -19.00	54.11 0.42 -18.87	54.53 0.65 -9.09	78.77 0.92 -19.95	65.73 0.90 -13.77	60.78 0.70 -16.62	40.67 0.58 0.00	41.55 0.40 -6.39	35.47 0.46 0.00	38.02 0.51 0.00
MILLSEAT___LFGE 323607	34.90 -3.29 6.28	26.07 -2.44 4.85	28.18 -2.42 1.03	26.64 -2.48 0.97	25.08 -2.24 1.91	30.50 -2.18 0.00	27.85 -1.87 0.00	27.84 -1.47 0.00	25.46 -1.45 0.00	27.84 -1.49 0.00	36.46 -2.07 0.00	25.10 -1.50 5.60	30.68 -1.52 0.00	29.37 -1.61 2.90	25.50 -1.73 6.97	26.16 -1.72 6.94	38.90 -2.53 3.35	47.38 -3.18 7.34	43.04 -2.96 5.06	33.55 -2.64 7.27	37.57 -2.50 0.00	30.05 -2.36 2.35	33.03 -1.98 0.00	36.23 -1.28 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	46.46 1.99 0.00	34.89 1.54 0.00	33.14 1.52 0.00	31.63 1.54 0.00	30.69 1.45 0.00	34.10 1.42 0.00	31.07 1.35 0.00	30.51 1.21 0.00	28.07 1.16 0.00	30.56 1.23 0.00	40.24 1.71 0.00	33.65 1.45 0.00	33.76 1.56 0.00	35.60 1.72 0.00	36.07 1.87 0.00	36.76 1.94 0.00	47.24 2.46 0.00	61.16 3.27 0.00	53.96 2.90 0.00	45.96 2.49 0.00	42.39 2.31 0.00	36.81 2.05 0.00	37.01 2.01 0.00	39.46 1.95 0.00
MILLWOOD_13_KV_LOAD 356217	46.55 2.08 0.00	34.96 1.61 0.00	33.20 1.58 0.00	31.67 1.58 0.00	30.74 1.51 0.00	34.17 1.49 0.00	31.13 1.41 0.00	30.57 1.26 0.00	28.12 1.21 0.00	30.61 1.28 0.00	40.32 1.79 0.00	33.71 1.51 0.00	33.82 1.63 0.00	35.67 1.79 0.00	36.14 1.94 0.00	36.83 2.01 0.00	47.35 2.57 0.00	61.32 3.43 0.00	54.10 3.04 0.00	46.06 2.60 0.00	42.49 2.42 0.00	36.90 2.14 0.00	37.10 2.09 0.00	39.54 2.03 0.00
MODEL_CITY_ENERGY 24167	32.89 -4.60 6.98	24.57 -3.40 5.39	27.13 -3.36 1.14	25.62 -3.39 1.08	23.98 -3.13 2.12	29.52 -3.16 0.00	26.93 -2.79 0.00	26.91 -2.40 0.00	24.58 -2.34 0.00	26.86 -2.47 0.00	35.19 -3.34 0.00	23.46 -2.49 6.25	29.58 -2.62 0.00	27.89 -2.77 3.22	23.56 -2.89 7.76	24.18 -2.93 7.71	36.80 -4.26 3.72	44.18 -5.55 8.16	40.38 -5.05 5.63	30.86 -4.36 8.24	35.93 -4.15 0.00	28.45 -3.70 2.61	31.76 -3.24 0.00	35.09 -2.42 0.00
MODERN_LFGE___ 323580	32.89 -4.60 6.98	24.57 -3.40 5.39	27.13 -3.36 1.14	25.62 -3.39 1.08	23.98 -3.13 2.12	29.52 -3.16 0.00	26.93 -2.79 0.00	26.91 -2.40 0.00	24.58 -2.34 0.00	26.86 -2.47 0.00	35.19 -3.34 0.00	23.46 -2.49 6.25	29.58 -2.62 0.00	27.89 -2.77 3.22	23.56 -2.89 7.76	24.18 -2.93 7.71	36.80 -4.26 3.72	44.18 -5.55 8.16	40.38 -5.05 5.63	30.86 -4.36 8.24	35.93 -4.15 0.00	28.45 -3.70 2.61	31.76 -3.24 0.00	35.09 -2.42 0.00
MOHAWK_PAPER___DRP 24187	45.86 1.39 0.00	34.64 1.29 0.00	32.90 1.28 0.00	31.35 1.26 0.00	30.44 1.21 0.00	33.95 1.27 0.00	30.84 1.11 0.00	30.35 1.04 0.00	27.77 0.86 0.00	30.18 0.85 0.00	39.68 1.15 0.00	33.22 1.02 0.00	33.27 1.07 0.00	35.08 1.21 0.00	35.46 1.26 0.00	36.08 1.25 0.00	46.19 1.41 0.00	59.61 1.72 0.00	52.57 1.52 0.00	44.79 1.33 0.00	41.30 1.22 0.00	35.89 1.13 0.00	36.12 1.12 0.00	38.64 1.13 0.00
MOHICAN___35_KV_115KV_LD 80490	47.61 3.13 0.00	35.83 2.48 0.00	33.89 2.27 0.00	32.28 2.19 0.00	31.39 2.16 0.00	35.03 2.35 0.00	31.84 2.12 0.00	31.37 2.06 0.00	28.78 1.87 0.00	31.34 2.01 0.00	41.32 2.79 0.00	34.56 2.36 0.00	34.66 2.46 0.00	36.50 2.63 0.00	36.92 2.72 0.00	37.65 2.82 0.00	48.53 3.76 0.00	62.57 4.68 0.00	55.13 4.08 0.00	46.85 3.39 0.00	43.15 3.06 0.00	37.42 2.66 0.00	37.68 2.67 0.00	40.21 2.70 0.00
MONGAUP___HYD 23641	46.62 2.15 0.00	35.00 1.64 0.00	33.23 1.60 0.00	31.67 1.58 0.00	30.74 1.51 0.00	34.23 1.55 0.00	31.18 1.46 0.00	30.68 1.37 0.00	28.13 1.22 0.00	30.49 1.16 0.00	40.02 1.49 0.00	33.57 1.36 0.00	33.43 1.23 0.00	35.42 1.54 0.00	35.95 1.75 0.00	36.62 1.79 0.00	47.42 2.64 0.00	61.55 3.66 0.00	54.34 3.28 0.00	46.24 2.78 0.00	42.51 2.43 0.00	36.86 2.10 0.00	37.05 2.04 0.00	39.53 2.02 0.00
MONTAUK___DIESEL 23721	45.77 1.29 0.00	33.95 0.59 0.00	32.31 0.68 0.00	30.79 0.69 0.00	29.85 0.62 0.00	33.29 0.61 0.00	30.36 0.64 0.00	29.64 0.33 0.00	27.41 0.49 0.00	29.50 0.16 0.00	39.16 0.63 0.00	32.45 0.24 0.00	32.80 0.60 0.00	35.40 1.52 0.00	38.73 3.39 -1.14	39.02 3.66 -0.53	52.20 5.02 -2.41	69.73 6.73 -5.11	60.72 5.94 -3.72	50.58 5.04 -2.08	50.30 4.75 -5.48	45.66 4.17 -6.73	43.99 4.19 -4.80	43.70 4.18 -2.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.03 -5.35 9.10	22.53 -3.80 7.02	26.36 -3.78 1.49	25.26 -3.43 1.40	23.17 -3.30 2.77	29.23 -3.45 0.00	26.72 -3.00 0.00	26.75 -2.56 0.00	24.36 -2.55 0.00	26.72 -2.60 0.00	34.88 -3.65 0.00	21.02 -3.04 8.14	29.26 -2.94 0.00	26.47 -3.21 4.20	20.83 -3.26 10.11	21.48 -3.29 10.05	35.60 -4.34 4.85	41.83 -5.43 10.63	39.05 -4.67 7.34	29.94 -3.87 9.65	36.90 -3.18 0.00	28.41 -2.94 3.40	32.52 -2.48 0.00	35.24 -2.27 0.00

MORRIS_RIDGE___SOLAR 323848	24.38 -4.94 15.16	17.95 -3.71 11.70	25.59 -3.56 2.48	24.30 -3.45 2.34	21.44 -3.19 4.61	29.32 -3.36 0.00	26.73 -2.99 0.00	26.69 -2.62 0.00	24.38 -2.53 0.00	26.47 -2.85 0.00	34.59 -3.93 0.00	13.99 -3.40 14.82	28.95 -3.25 0.00	23.49 -3.40 6.99	13.22 -3.56 17.42	14.53 -3.55 16.75	32.13 -4.57 8.07	34.20 -5.99 17.71	33.61 -5.23 12.22	12.25 -4.56 26.65	36.09 -3.99 0.00	25.62 -3.47 5.67	31.85 -3.16 0.00	34.63 -2.88 0.00
MORTIMER_115KV_TB3 55949	37.95 -2.34 4.19	28.40 -1.72 3.23	29.26 -1.68 0.68	27.74 -1.71 0.64	26.41 -1.55 1.27	31.17 -1.51 0.00	28.45 -1.27 0.00	28.29 -1.01 0.00	25.96 -0.96 0.00	28.40 -0.93 0.00	37.25 -1.27 0.00	27.53 -0.98 3.69	31.25 -0.95 0.00	30.89 -1.06 1.93	28.44 -1.14 4.63	28.99 -1.21 4.63	40.90 -1.65 2.23	50.92 -2.08 4.89	45.76 -1.92 3.38	37.81 -1.78 3.87	38.47 -1.61 0.00	31.66 -1.54 1.57	33.70 -1.30 0.00	36.57 -0.94 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	46.68 2.20 0.00	35.04 1.68 0.00	33.27 1.64 0.00	31.75 1.66 0.00	30.81 1.58 0.00	34.21 1.53 0.00	31.20 1.48 0.00	30.63 1.32 0.00	28.21 1.30 0.00	30.70 1.37 0.00	40.43 1.90 0.00	33.82 1.62 0.00	33.95 1.75 0.00	35.80 1.92 0.00	36.29 2.08 0.00	36.96 2.14 0.00	47.46 2.68 0.00	61.41 3.52 0.00	54.18 3.12 0.00	46.17 2.71 0.00	42.60 2.52 0.00	37.01 2.25 0.00	37.21 2.20 0.00	39.63 2.12 0.00
MUNSVILLE_WIND_PWR 323609	54.60 1.14 -8.99	40.72 0.43 -6.93	33.33 0.23 -1.47	31.66 0.18 -1.39	32.19 0.22 -2.73	33.05 0.37 0.00	30.16 0.44 0.00	29.92 0.61 0.00	27.46 0.55 0.00	30.20 0.86 0.00	39.32 0.79 0.00	40.85 0.58 -8.07	32.41 0.21 0.00	38.54 0.52 -4.14	44.76 0.56 -10.00	45.78 1.03 -9.92	51.14 1.58 -4.78	70.85 2.46 -10.50	60.83 2.53 -7.24	54.35 1.93 -8.96	41.58 1.50 0.00	39.21 1.09 -3.36	35.98 0.97 0.00	38.61 1.10 0.00
N SALMON___HYD 24042	45.45 0.98 0.00	33.70 0.34 0.00	31.52 -0.10 0.00	29.81 -0.29 0.00	28.88 -0.35 0.00	32.53 -0.15 0.00	29.70 -0.03 0.00	29.28 -0.03 0.00	26.91 0.00 0.00	29.33 0.00 0.00	38.56 0.03 0.00	32.17 -0.03 0.00	32.12 -0.08 0.00	33.73 -0.14 0.00	33.94 -0.27 0.00	34.48 -0.34 0.00	44.42 -0.36 0.00	57.47 -0.43 0.00	50.66 -0.40 0.00	43.18 -0.28 0.00	39.94 -0.13 0.00	34.58 -0.18 0.00	34.76 -0.25 0.00	37.29 -0.21 0.00
N.AKRON__115KV_KNAPP 355671	34.41 -3.59 6.48	25.70 -2.65 5.00	27.94 -2.63 1.06	26.41 -2.68 1.00	24.83 -2.43 1.97	30.30 -2.38 0.00	27.65 -2.07 0.00	27.65 -1.66 0.00	25.28 -1.63 0.00	27.64 -1.69 0.00	36.19 -2.34 0.00	24.75 -1.66 5.79	30.46 -1.74 0.00	29.03 -1.86 2.99	25.07 -1.94 7.19	25.70 -1.96 7.16	38.43 -2.90 3.45	46.66 -3.66 7.57	42.44 -3.39 5.22	32.90 -2.99 7.57	37.21 -2.86 0.00	29.70 -2.64 2.42	32.75 -2.26 0.00	36.00 -1.51 0.00
N.E_GEN_SANDY PD 24062	50.19 1.75 -3.96	47.15 1.47 -12.33	43.27 1.48 -10.17	42.57 1.44 -11.04	41.89 1.39 -11.26	43.24 1.48 -9.08	40.23 1.30 -9.22	38.95 1.23 -8.41	34.69 1.09 -6.69	34.81 1.13 -4.35	40.98 1.49 -0.97	35.75 1.30 -2.25	40.60 1.35 -7.06	38.62 1.47 -3.27	38.98 1.53 -3.24	40.78 1.50 -4.44	49.23 1.72 -2.73	59.59 2.04 0.34	54.32 1.79 -1.48	45.02 1.56 0.00	41.52 1.44 0.00	37.98 1.37 -1.85	39.48 1.36 -3.11	39.51 1.43 -0.57
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	46.49 2.01 0.00	34.91 1.55 0.00	33.16 1.54 0.00	31.63 1.54 0.00	30.69 1.46 0.00	34.12 1.44 0.00	31.10 1.38 0.00	30.55 1.24 0.00	28.09 1.17 0.00	30.58 1.25 0.00	40.27 1.74 0.00	33.66 1.46 0.00	33.76 1.56 0.00	35.63 1.75 0.00	36.09 1.89 0.00	36.78 1.96 0.00	47.30 2.52 0.00	61.27 3.37 0.00	54.04 2.98 0.00	46.01 2.55 0.00	42.44 2.36 0.00	36.83 2.07 0.00	37.04 2.03 0.00	39.50 1.99 0.00
N.QUEENS_27_KV_LOAD 356247	46.68 2.20 0.00	35.13 1.77 0.00	33.38 1.75 0.00	31.85 1.76 0.00	30.92 1.69 0.00	34.29 1.61 0.00	31.30 1.58 0.00	30.68 1.37 0.00	28.30 1.39 0.00	30.77 1.43 0.00	40.53 2.00 0.00	34.05 1.84 0.00	34.03 1.83 0.00	35.89 2.01 0.00	36.44 2.24 0.00	37.06 2.23 0.00	47.50 2.72 0.00	61.53 3.64 0.00	54.40 3.35 0.00	46.35 2.88 0.00	42.75 2.67 0.00	37.17 2.41 0.00	37.28 2.27 0.00	39.78 2.27 0.00
N.TROY___115KV_TB1 355778	46.12 1.64 0.00	34.74 1.39 0.00	33.00 1.37 0.00	31.45 1.35 0.00	30.53 1.29 0.00	34.05 1.37 0.00	30.94 1.22 0.00	30.47 1.16 0.00	27.93 1.02 0.00	30.37 1.04 0.00	39.91 1.38 0.00	33.40 1.20 0.00	33.45 1.25 0.00	35.26 1.38 0.00	35.63 1.43 0.00	36.24 1.42 0.00	46.49 1.71 0.00	59.97 2.08 0.00	52.88 1.82 0.00	45.03 1.57 0.00	41.52 1.44 0.00	36.08 1.32 0.00	36.31 1.30 0.00	38.85 1.34 0.00
NARROWS_GT1_1 24228	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
NARROWS_GT1_2 24229	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
NARROWS_GT1_3 24230	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
NARROWS_GT1_4 24231	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
NARROWS_GT1_5 24232	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00

NARROWS_GT1_6 24233	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
NARROWS_GT1_7 24234	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
NARROWS_GT1_8 24235	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
NARROWS_GT2_1 24236	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
NARROWS_GT2_2 24237	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
NARROWS_GT2_3 24238	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
NARROWS_GT2_4 24239	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
NARROWS_GT2_5 24240	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
NARROWS_GT2_6 24241	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
NARROWS_GT2_7 24242	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
NARROWS_GT2_8 24243	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	46.25 1.77 0.00	34.99 1.63 0.00	33.22 1.59 0.00	31.63 1.54 0.00	30.73 1.49 0.00	34.29 1.61 0.00	31.13 1.41 0.00	30.68 1.37 0.00	27.99 1.07 0.00	30.17 0.84 0.00	39.65 1.12 0.00	33.19 0.98 0.00	33.15 0.95 0.00	35.11 1.23 0.00	35.47 1.27 0.00	36.31 1.48 0.00	46.87 2.09 0.00	60.63 2.74 0.00	53.46 2.40 0.00	45.51 2.04 0.00	41.96 1.88 0.00	36.42 1.66 0.00	36.60 1.60 0.00	39.10 1.59 0.00
NCHELSEA_115KV_TR2 355582	46.72 2.24 0.00	35.10 1.74 0.00	33.33 1.71 0.00	31.80 1.71 0.00	30.87 1.64 0.00	34.32 1.64 0.00	31.25 1.53 0.00	30.71 1.40 0.00	28.23 1.31 0.00	30.72 1.39 0.00	40.45 1.92 0.00	33.82 1.62 0.00	33.91 1.71 0.00	35.76 1.88 0.00	36.27 2.07 0.00	36.99 2.17 0.00	47.61 2.83 0.00	61.67 3.77 0.00	54.39 3.33 0.00	46.30 2.84 0.00	42.69 2.61 0.00	37.04 2.28 0.00	37.23 2.22 0.00	39.69 2.18 0.00
NEG CAPITAL___MECHNVIL 23645	46.85 2.37 0.00	35.25 1.89 0.00	33.44 1.81 0.00	31.84 1.75 0.00	30.95 1.71 0.00	34.53 1.85 0.00	31.39 1.67 0.00	30.93 1.62 0.00	28.35 1.43 0.00	30.83 1.50 0.00	40.59 2.06 0.00	33.96 1.76 0.00	34.01 1.81 0.00	35.88 2.01 0.00	36.27 2.07 0.00	36.95 2.13 0.00	47.53 2.75 0.00	61.34 3.45 0.00	54.06 3.00 0.00	46.00 2.54 0.00	42.38 2.30 0.00	36.76 2.00 0.00	36.99 1.98 0.00	39.55 2.05 0.00
NEG CENTRAL_HIGH_ACRES 23767	39.56 -2.76 2.16	29.66 -2.03 1.67	29.32 -1.95 0.35	27.81 -1.95 0.33	26.78 -1.80 0.66	30.88 -1.80 0.00	28.15 -1.57 0.00	27.96 -1.35 0.00	25.67 -1.24 0.00	28.06 -1.28 0.00	36.82 -1.71 0.00	28.92 -1.38 1.90	30.85 -1.35 0.00	31.42 -1.46 0.99	30.30 -1.52 2.38	30.87 -1.58 2.39	41.55 -2.09 1.15	52.70 -2.67 2.52	46.87 -2.45 1.74	39.26 -2.21 1.99	38.06 -2.02 0.00	32.07 -1.88 0.81	33.28 -1.72 0.00	36.01 -1.50 0.00



NEG CENTRAL___DRP 24199	43.55 -0.92 0.00	32.70 -0.65 0.00	30.97 -0.66 0.00	29.44 -0.65 0.00	28.71 -0.53 0.00	32.18 -0.50 0.00	29.33 -0.39 0.00	29.02 -0.29 0.00	26.68 -0.23 0.00	29.11 -0.22 0.00	38.19 -0.34 0.00	31.87 -0.34 0.00	31.92 -0.28 0.00	33.57 -0.31 0.00	33.90 -0.30 0.00	34.53 -0.30 0.00	44.40 -0.39 0.00	57.46 -0.44 0.00	50.68 -0.37 0.00	43.05 -0.40 0.00	39.70 -0.38 0.00	34.31 -0.45 0.00	34.66 -0.35 0.00	37.27 -0.24 0.00
NEG CENTRAL___INDECK 23768	28.94 -2.33 13.20	21.40 -1.77 10.19	27.73 -1.74 2.16	26.30 -1.76 2.04	23.67 -1.55 4.01	31.22 -1.46 0.00	28.55 -1.17 0.00	28.51 -0.80 0.00	26.04 -0.87 0.00	28.39 -0.93 0.00	36.95 -1.58 0.00	19.72 -1.43 11.05	30.97 -1.23 0.00	26.54 -1.25 6.08	18.61 -1.27 14.31	19.03 -1.22 14.58	36.34 -1.41 7.03	40.84 -1.63 15.42	38.94 -1.48 10.64	38.64 -1.36 3.46	38.89 -1.19 0.00	28.64 -1.18 4.94	34.03 -0.97 0.00	36.90 -0.61 0.00
NEG CENTRAL___SENECA 23627	41.84 -1.27 1.37	31.38 -0.92 1.05	30.50 -0.90 0.22	28.97 -0.91 0.21	28.04 -0.78 0.41	31.94 -0.74 0.00	29.13 -0.59 0.00	28.87 -0.44 0.00	26.54 -0.38 0.00	28.95 -0.38 0.00	38.00 -0.53 0.00	30.54 -0.47 1.20	31.80 -0.40 0.00	32.79 -0.46 0.63	32.24 -0.46 1.50	32.86 -0.46 1.51	43.46 -0.59 0.73	55.59 -0.71 1.59	49.31 -0.65 1.10	41.54 -0.65 1.26	39.46 -0.62 0.00	33.58 -0.67 0.51	34.46 -0.55 0.00	37.13 -0.38 0.00
NEG CENTRAL___STATE_STREET 24147	47.22 -0.31 -3.05	35.50 -0.21 -2.36	31.85 -0.27 -0.50	30.29 -0.28 -0.47	30.08 -0.09 -0.93	32.61 -0.07 0.00	29.72 0.00 0.00	29.27 -0.04 0.00	26.97 0.06 0.00	29.43 0.10 0.00	38.56 0.03 0.00	34.90 -0.04 -2.74	32.16 -0.05 0.00	35.28 0.00 -1.41	37.64 0.04 -3.39	38.19 0.00 -3.37	46.39 -0.02 -1.63	61.48 0.02 -3.57	53.71 0.19 -2.46	46.38 0.10 -2.82	40.15 0.07 0.00	35.79 -0.11 -1.14	35.04 0.04 0.00	37.61 0.10 0.00
NEG MILLWOOD___DRP 24198	46.80 2.33 0.00	35.15 1.80 0.00	33.38 1.76 0.00	31.84 1.75 0.00	30.92 1.69 0.00	34.38 1.70 0.00	31.30 1.58 0.00	30.75 1.44 0.00	28.28 1.37 0.00	30.79 1.46 0.00	40.56 2.03 0.00	33.92 1.72 0.00	34.02 1.82 0.00	35.88 2.00 0.00	36.37 2.16 0.00	37.09 2.26 0.00	47.73 2.95 0.00	61.82 3.93 0.00	54.52 3.46 0.00	46.43 2.97 0.00	42.81 2.73 0.00	37.15 2.39 0.00	37.33 2.33 0.00	39.78 2.27 0.00
NEG NORTH_FLCN_SEA 23793	45.24 0.76 0.00	33.59 0.23 0.00	31.36 -0.27 0.00	29.63 -0.46 0.00	28.67 -0.56 0.00	32.27 -0.41 0.00	29.43 -0.30 0.00	28.97 -0.34 0.00	26.57 -0.34 0.00	28.93 -0.41 0.00	38.05 -0.48 0.00	31.75 -0.46 0.00	31.68 -0.52 0.00	33.28 -0.60 0.00	33.50 -0.71 0.00	34.10 -0.73 0.00	43.97 -0.80 0.00	56.92 -0.98 0.00	50.15 -0.91 0.00	42.72 -0.75 0.00	39.50 -0.58 0.00	34.18 -0.58 0.00	34.39 -0.62 0.00	36.90 -0.61 0.00
NEG NORTH_KES_CHATEGAY 23792	45.03 0.55 0.00	33.42 0.06 0.00	31.20 -0.43 0.00	29.50 -0.59 0.00	28.56 -0.68 0.00	32.17 -0.51 0.00	29.33 -0.39 0.00	28.86 -0.45 0.00	26.47 -0.45 0.00	28.80 -0.53 0.00	37.89 -0.64 0.00	31.59 -0.61 0.00	31.52 -0.68 0.00	33.10 -0.77 0.00	33.32 -0.88 0.00	33.93 -0.90 0.00	43.74 -1.05 0.00	56.58 -1.32 0.00	49.88 -1.18 0.00	42.48 -0.98 0.00	39.30 -0.78 0.00	34.00 -0.77 0.00	34.20 -0.81 0.00	36.70 -0.81 0.00
NEG NORTH___ALICE_FALLS 23915	45.39 0.91 0.00	33.68 0.32 0.00	31.45 -0.18 0.00	29.72 -0.37 0.00	28.77 -0.47 0.00	32.38 -0.30 0.00	29.53 -0.19 0.00	29.09 -0.22 0.00	26.71 -0.20 0.00	29.08 -0.25 0.00	38.27 -0.26 0.00	31.94 -0.26 0.00	31.85 -0.35 0.00	33.45 -0.43 0.00	33.71 -0.49 0.00	34.32 -0.51 0.00	44.30 -0.48 0.00	57.37 -0.52 0.00	50.56 -0.50 0.00	43.06 -0.40 0.00	39.81 -0.27 0.00	34.41 -0.35 0.00	34.59 -0.41 0.00	37.10 -0.41 0.00
NEG NORTH___LWR_SARANAC 23913	45.39 0.91 0.00	33.68 0.32 0.00	31.45 -0.18 0.00	29.72 -0.37 0.00	28.77 -0.47 0.00	32.38 -0.30 0.00	29.53 -0.19 0.00	29.09 -0.22 0.00	26.71 -0.20 0.00	29.08 -0.25 0.00	38.27 -0.26 0.00	31.94 -0.26 0.00	31.85 -0.35 0.00	33.45 -0.43 0.00	33.71 -0.49 0.00	34.32 -0.51 0.00	44.30 -0.48 0.00	57.37 -0.52 0.00	50.56 -0.50 0.00	43.06 -0.40 0.00	39.81 -0.27 0.00	34.41 -0.35 0.00	34.59 -0.41 0.00	37.10 -0.41 0.00
NEG NORTH___PLATTSBURG 23628	45.40 0.92 0.00	33.68 0.33 0.00	31.45 -0.18 0.00	29.72 -0.37 0.00	28.77 -0.47 0.00	32.38 -0.30 0.00	29.54 -0.18 0.00	29.09 -0.21 0.00	26.71 -0.20 0.00	29.08 -0.25 0.00	38.27 -0.26 0.00	31.95 -0.25 0.00	31.85 -0.35 0.00	33.44 -0.43 0.00	33.71 -0.49 0.00	34.32 -0.51 0.00	44.30 -0.48 0.00	57.37 -0.52 0.00	50.56 -0.50 0.00	43.06 -0.40 0.00	39.81 -0.27 0.00	34.41 -0.35 0.00	34.59 -0.41 0.00	37.10 -0.41 0.00
NEG WEST_LEA_LOCKPORT 23791	33.16 -4.36 6.96	24.77 -3.22 5.37	27.32 -3.17 1.14	25.82 -3.20 1.08	24.17 -2.95 2.12	29.73 -2.95 0.00	27.12 -2.60 0.00	27.11 -2.20 0.00	24.79 -2.12 0.00	27.11 -2.23 0.00	35.49 -3.04 0.00	23.71 -2.27 6.22	29.83 -2.37 0.00	28.15 -2.52 3.21	23.86 -2.62 7.73	24.45 -2.69 7.69	37.17 -3.90 3.71	44.70 -5.06 8.13	40.82 -4.62 5.61	31.06 -4.03 8.38	36.30 -3.77 0.00	28.78 -3.38 2.60	32.07 -2.94 0.00	35.35 -2.17 0.00
NEG WEST___LANCASTR 23811	31.98 -3.67 8.83	23.83 -2.71 6.82	27.52 -2.66 1.44	26.05 -2.67 1.36	24.11 -2.44 2.69	30.22 -2.46 0.00	27.54 -2.18 0.00	27.50 -1.81 0.00	25.18 -1.73 0.00	27.57 -1.76 0.00	36.14 -2.39 0.00	22.39 -1.88 7.94	30.26 -1.94 0.00	27.72 -2.08 4.07	22.22 -2.16 9.83	22.81 -2.26 9.75	36.93 -3.15 4.70	43.60 -3.98 10.32	40.35 -3.59 7.12	30.43 -3.22 9.81	37.10 -2.98 0.00	28.84 -2.61 3.30	32.77 -2.23 0.00	35.81 -1.70 0.00
NEG_PENN_ALLEGHNY 23528	42.81 -0.34 1.33	32.12 -0.21 1.03	31.24 -0.16 0.22	29.75 -0.14 0.20	28.72 -0.10 0.40	32.55 -0.13 0.00	29.62 -0.10 0.00	29.28 -0.04 0.00	26.87 -0.05 0.00	29.31 -0.02 0.00	38.46 -0.07 0.00	30.81 -0.13 1.27	32.10 -0.10 0.00	33.18 -0.08 0.61	32.66 -0.03 1.51	33.35 -0.01 1.47	44.16 0.09 0.71	56.47 0.13 1.56	50.13 0.14 1.07	42.77 0.06 0.75	40.16 0.08 0.00	34.31 0.05 0.50	35.10 0.09 0.00	37.63 0.12 0.00
NEG___GEN_MONROE 24207	37.92 -2.26 4.30	28.38 -1.66 3.32	29.30 -1.62 0.70	27.76 -1.67 0.66	26.41 -1.51 1.31	31.24 -1.44 0.00	28.52 -1.20 0.00	28.41 -0.91 0.00	26.04 -0.87 0.00	28.46 -0.87 0.00	37.37 -1.16 0.00	27.55 -0.85 3.80	31.35 -0.86 0.00	30.95 -0.94 1.98	28.44 -1.00 4.76	29.02 -1.05 4.75	41.03 -1.46 2.29	51.08 -1.79 5.03	45.91 -1.68 3.47	37.56 -1.58 4.32	38.61 -1.47 0.00	31.72 -1.43 1.61	33.83 -1.17 0.00	36.75 -0.76 0.00
NEPA___ENERGY 23901	31.60 -4.23 8.64	23.54 -3.15 6.67	27.25 -2.97 1.41	25.91 -2.85 1.33	23.97 -2.64 2.63	29.91 -2.77 0.00	27.29 -2.43 0.00	27.21 -2.10 0.00	24.86 -2.06 0.00	27.24 -2.09 0.00	35.70 -2.83 0.00	22.00 -2.44 7.77	29.85 -2.36 0.00	27.27 -2.62 3.98	21.90 -2.69 9.62	22.37 -2.91 9.55	36.49 -3.68 4.60	43.02 -4.78 10.10	39.93 -4.16 6.97	30.31 -3.67 9.49	36.91 -3.17 0.00	28.72 -2.81 3.23	32.58 -2.42 0.00	35.49 -2.02 0.00

NEVERSINK___HYD 23608	46.17 1.70 0.00	34.64 1.28 0.00	32.89 1.26 0.00	31.35 1.26 0.00	30.44 1.21 0.00	33.89 1.21 0.00	30.86 1.14 0.00	30.36 1.05 0.00	27.91 1.00 0.00	30.38 1.05 0.00	39.99 1.46 0.00	33.36 1.16 0.00	33.39 1.19 0.00	35.15 1.27 0.00	35.76 1.56 0.00	36.54 1.71 0.00	47.11 2.33 0.00	61.08 3.18 0.00	53.89 2.83 0.00	45.85 2.39 0.00	42.27 2.19 0.00	36.64 1.88 0.00	36.80 1.80 0.00	39.26 1.75 0.00
NEWKRMKL_115KV_TB1 55635	45.43 0.96 0.00	34.45 1.10 0.00	32.73 1.10 0.00	31.18 1.08 0.00	30.28 1.05 0.00	33.77 1.09 0.00	30.66 0.94 0.00	30.15 0.84 0.00	27.53 0.62 0.00	29.92 0.59 0.00	39.31 0.78 0.00	32.93 0.72 0.00	32.99 0.79 0.00	34.81 0.93 0.00	35.14 0.93 0.00	35.77 0.94 0.00	45.74 0.96 0.00	58.96 1.07 0.00	52.03 0.97 0.00	44.34 0.88 0.00	40.91 0.83 0.00	35.58 0.81 0.00	35.82 0.81 0.00	38.29 0.78 0.00
NEWTON___FALLS_HYD 23847	43.73 -0.75 0.00	32.61 -0.75 0.00	30.78 -0.85 0.00	29.21 -0.88 0.00	28.33 -0.90 0.00	31.77 -0.91 0.00	29.01 -0.72 0.00	28.68 -0.63 0.00	26.36 -0.55 0.00	28.95 -0.38 0.00	38.06 -0.47 0.00	31.80 -0.41 0.00	31.67 -0.53 0.00	33.16 -0.72 0.00	33.34 -0.86 0.00	33.74 -1.09 0.00	43.70 -1.08 0.00	56.41 -1.48 0.00	49.70 -1.35 0.00	42.49 -0.97 0.00	39.13 -0.95 0.00	33.90 -0.86 0.00	34.07 -0.94 0.00	36.51 -1.00 0.00
NGRID_A1_DSASP 323792	32.58 -4.90 7.01	24.33 -3.62 5.41	26.92 -3.57 1.14	25.43 -3.59 1.08	23.78 -3.32 2.13	29.31 -3.37 0.00	26.73 -2.99 0.00	26.71 -2.61 0.00	24.47 -2.44 0.00	26.78 -2.55 0.00	35.08 -3.45 0.00	23.29 -2.62 6.30	29.50 -2.70 0.00	27.75 -2.90 3.23	23.39 -3.02 7.80	23.92 -3.16 7.74	36.40 -4.64 3.73	43.44 -6.26 8.19	39.71 -5.70 5.65	30.22 -5.00 8.24	35.55 -4.53 0.00	28.08 -4.07 2.62	31.51 -3.50 0.00	34.81 -2.70 0.00
NGRID_A2_DSASP 323793	32.58 -4.90 7.01	24.33 -3.62 5.41	26.92 -3.57 1.14	25.43 -3.59 1.08	23.78 -3.32 2.13	29.31 -3.37 0.00	26.73 -2.99 0.00	26.71 -2.61 0.00	24.47 -2.44 0.00	26.78 -2.55 0.00	35.08 -3.45 0.00	23.29 -2.62 6.30	29.50 -2.70 0.00	27.75 -2.90 3.23	23.39 -3.02 7.80	23.92 -3.16 7.74	36.40 -4.64 3.73	43.44 -6.26 8.19	39.71 -5.70 5.65	30.22 -5.00 8.24	35.55 -4.53 0.00	28.08 -4.07 2.62	31.51 -3.50 0.00	34.81 -2.70 0.00
NGRID_A4_DSASP 323807	32.58 -4.90 7.01	24.33 -3.62 5.41	26.92 -3.57 1.14	25.43 -3.59 1.08	23.78 -3.32 2.13	29.31 -3.37 0.00	26.73 -2.99 0.00	26.71 -2.61 0.00	24.47 -2.44 0.00	26.78 -2.55 0.00	35.08 -3.45 0.00	23.29 -2.62 6.30	29.50 -2.70 0.00	27.75 -2.90 3.23	23.39 -3.02 7.80	23.92 -3.16 7.74	36.40 -4.64 3.73	43.44 -6.26 8.19	39.71 -5.70 5.65	30.22 -5.00 8.24	35.55 -4.53 0.00	28.08 -4.07 2.62	31.51 -3.50 0.00	34.81 -2.70 0.00
NIAGARA_115E_LBMP 323715	32.61 -4.79 7.08	24.36 -3.54 5.46	26.98 -3.49 1.16	25.47 -3.53 1.09	23.82 -3.26 2.15	29.38 -3.30 0.00	26.79 -2.93 0.00	26.77 -2.54 0.00	24.45 -2.47 0.00	26.71 -2.62 0.00	34.98 -3.55 0.00	23.21 -2.64 6.36	29.41 -2.79 0.00	27.68 -2.94 3.26	23.27 -3.06 7.88	23.91 -3.10 7.82	36.51 -4.50 3.77	43.74 -5.88 8.27	40.00 -5.35 5.71	30.52 -4.60 8.34	35.68 -4.40 0.00	28.21 -3.90 2.65	31.57 -3.44 0.00	34.92 -2.59 0.00
NIAGARA_115W_LBMP 323714	32.55 -4.94 6.98	24.31 -3.66 5.39	26.88 -3.60 1.14	25.39 -3.63 1.08	23.75 -3.36 2.12	29.26 -3.42 0.00	26.68 -3.04 0.00	26.66 -2.65 0.00	24.43 -2.48 0.00	26.74 -2.59 0.00	35.03 -3.50 0.00	23.23 -2.70 6.27	29.45 -2.76 0.00	27.71 -2.95 3.22	23.33 -3.10 7.77	23.88 -3.23 7.71	36.33 -4.73 3.72	43.37 -6.36 8.16	39.60 -5.82 5.63	30.13 -5.12 8.21	35.47 -4.61 0.00	28.01 -4.14 2.61	31.43 -3.58 0.00	34.75 -2.77 0.00
NIAGARA_230_LBMP 323716	33.13 -4.59 6.76	24.76 -3.38 5.22	27.22 -3.30 1.10	25.72 -3.33 1.04	24.09 -3.09 2.06	29.58 -3.10 0.00	26.97 -2.75 0.00	26.94 -2.37 0.00	24.67 -2.24 0.00	27.00 -2.33 0.00	35.38 -3.15 0.00	23.65 -2.48 6.07	29.71 -2.48 0.00	28.07 -2.70 3.12	23.81 -2.87 7.52	24.34 -3.02 7.46	36.93 -4.25 3.60	44.39 -5.60 7.90	40.55 -5.06 5.45	31.06 -4.47 7.93	36.06 -4.02 0.00	28.62 -3.61 2.53	31.86 -3.14 0.00	35.08 -2.43 0.00
NIAGARA___115KV_198_GIBSON 55903	32.54 -4.95 6.98	24.31 -3.66 5.39	26.88 -3.61 1.14	25.39 -3.63 1.08	23.75 -3.36 2.12	29.25 -3.42 0.00	26.68 -3.04 0.00	26.66 -2.65 0.00	24.43 -2.48 0.00	26.73 -2.59 0.00	35.03 -3.50 0.00	23.27 -2.66 6.27	29.44 -2.76 0.00	27.71 -2.95 3.22	23.37 -3.07 7.77	23.91 -3.21 7.71	36.34 -4.73 3.72	43.35 -6.39 8.16	39.62 -5.81 5.63	30.18 -5.07 8.21	35.47 -4.60 0.00	28.01 -4.14 2.61	31.43 -3.57 0.00	34.75 -2.76 0.00
NIAGARA____ 23760	33.02 -4.59 6.87	24.67 -3.38 5.30	27.20 -3.30 1.12	25.71 -3.33 1.06	24.05 -3.09 2.09	29.58 -3.10 0.00	26.97 -2.75 0.00	26.94 -2.37 0.00	24.67 -2.24 0.00	27.00 -2.33 0.00	35.38 -3.15 0.00	23.58 -2.48 6.15	29.71 -2.48 0.00	28.03 -2.70 3.15	23.72 -2.87 7.61	24.26 -3.02 7.55	36.89 -4.25 3.64	44.28 -5.60 8.01	40.48 -5.06 5.52	30.95 -4.47 8.04	36.06 -4.02 0.00	28.59 -3.61 2.56	31.86 -3.14 0.00	35.08 -2.43 0.00
NINE_MILE_1 23575	43.06 -1.42 0.00	32.35 -1.00 0.00	30.69 -0.94 0.00	29.20 -0.90 0.00	28.40 -0.84 0.00	31.76 -0.92 0.00	28.90 -0.82 0.00	28.55 -0.76 0.00	26.21 -0.70 0.00	28.58 -0.75 0.00	37.49 -1.04 0.00	31.31 -0.89 0.00	31.25 -0.95 0.00	32.86 -1.02 0.00	33.16 -1.04 0.00	33.77 -1.06 0.00	43.40 -1.38 0.00	56.11 -1.79 0.00	49.48 -1.58 0.00	42.09 -1.37 0.00	38.80 -1.28 0.00	33.65 -1.11 0.00	33.93 -1.07 0.00	36.39 -1.12 0.00
NINE_MILE_2 23744	43.06 -1.42 0.00	32.36 -1.00 0.00	30.69 -0.94 0.00	29.20 -0.89 0.00	28.40 -0.84 0.00	31.76 -0.92 0.00	28.90 -0.82 0.00	28.55 -0.76 0.00	26.21 -0.70 0.00	28.59 -0.74 0.00	37.49 -1.04 0.00	31.31 -0.89 0.00	31.26 -0.94 0.00	32.87 -1.02 0.00	33.16 -1.04 0.00	33.78 -1.05 0.00	43.40 -1.38 0.00	56.11 -1.79 0.00	49.48 -1.57 0.00	42.09 -1.37 0.00	38.80 -1.28 0.00	33.65 -1.11 0.00	33.94 -1.07 0.00	36.39 -1.12 0.00
NM_CAPITAL___DRP 24208	45.56 1.08 0.00	34.48 1.13 0.00	32.76 1.14 0.00	31.21 1.11 0.00	30.31 1.08 0.00	33.80 1.12 0.00	30.69 0.97 0.00	30.19 0.88 0.00	27.60 0.68 0.00	30.00 0.67 0.00	39.41 0.88 0.00	33.01 0.81 0.00	33.06 0.86 0.00	34.87 0.99 0.00	35.22 1.02 0.00	35.82 0.99 0.00	45.81 1.03 0.00	59.06 1.17 0.00	52.11 1.05 0.00	44.41 0.95 0.00	40.97 0.89 0.00	35.62 0.86 0.00	35.86 0.86 0.00	38.37 0.86 0.00
NM_CENTRAL___DRP 24181	43.73 -0.75 0.00	32.86 -0.50 0.00	31.18 -0.45 0.00	29.67 -0.43 0.00	28.86 -0.37 0.00	32.28 -0.40 0.00	29.38 -0.34 0.00	29.04 -0.27 0.00	26.66 -0.25 0.00	29.09 -0.24 0.00	38.17 -0.36 0.00	31.89 -0.31 0.00	31.85 -0.35 0.00	33.49 -0.38 0.00	33.83 -0.37 0.00	34.48 -0.35 0.00	44.34 -0.44 0.00	57.34 -0.56 0.00	50.55 -0.51 0.00	42.98 -0.48 0.00	39.61 -0.47 0.00	34.33 -0.43 0.00	34.61 -0.40 0.00	37.10 -0.41 0.00

NM_FRONTIER___DRP 24179	32.54 -4.95 6.98	24.31 -3.66 5.39	26.88 -3.61 1.14	25.39 -3.63 1.08	23.75 -3.36 2.12	29.25 -3.42 0.00	26.68 -3.04 0.00	26.66 -2.65 0.00	24.43 -2.48 0.00	26.73 -2.59 0.00	35.03 -3.50 0.00	23.27 -2.66 6.27	29.44 -2.76 0.00	27.71 -2.95 3.22	23.37 -3.07 7.77	23.91 -3.21 7.71	36.34 -4.73 3.72	43.35 -6.39 8.16	39.62 -5.81 5.63	30.18 -5.07 8.21	35.47 -4.60 0.00	28.01 -4.14 2.61	31.43 -3.57 0.00	34.75 -2.76 0.00
NM_ST_REGIS___HYD 24053	45.14 0.67 0.00	33.48 0.12 0.00	31.47 -0.16 0.00	29.81 -0.28 0.00	28.90 -0.33 0.00	32.51 -0.17 0.00	29.68 -0.04 0.00	29.31 0.00 0.00	26.95 0.04 0.00	29.42 0.10 0.00	38.66 0.13 0.00	32.26 0.05 0.00	32.20 0.00 0.00	33.79 -0.09 0.00	33.99 -0.21 0.00	34.41 -0.42 0.00	44.26 -0.52 0.00	57.15 -0.74 0.00	50.37 -0.69 0.00	43.04 -0.42 0.00	39.91 -0.17 0.00	34.63 -0.13 0.00	34.82 -0.19 0.00	37.38 -0.13 0.00
NORTHPORT___1 23551	46.18 1.70 0.00	34.83 1.47 0.00	33.10 1.47 0.00	31.54 1.45 0.00	30.59 1.35 0.00	34.14 1.46 0.00	31.05 1.33 0.00	30.24 0.92 0.00	27.92 1.01 0.00	30.33 1.00 0.00	40.43 1.90 0.00	33.42 1.21 0.00	33.47 1.27 0.00	35.45 1.57 0.00	30.10 1.81 5.91	33.99 1.91 2.74	34.80 2.46 12.44	34.80 3.30 26.40	34.80 2.93 19.18	35.28 2.52 10.70	41.40 2.40 1.08	40.66 2.22 -3.68	41.40 2.28 -4.12	39.11 2.24 0.64
NORTHPORT___2 23552	46.18 1.70 0.00	34.83 1.47 0.00	33.10 1.47 0.00	31.54 1.45 0.00	30.59 1.35 0.00	34.14 1.46 0.00	31.05 1.33 0.00	30.24 0.92 0.00	27.92 1.01 0.00	30.33 1.00 0.00	40.43 1.90 0.00	33.42 1.21 0.00	33.47 1.27 0.00	35.45 1.57 0.00	30.10 1.81 5.91	33.99 1.91 2.74	34.80 2.46 12.44	34.80 3.30 26.40	34.80 2.93 19.18	35.28 2.52 10.70	41.40 2.40 1.08	40.66 2.22 -3.68	41.40 2.28 -4.12	39.11 2.24 0.64
NORTHPORT___3 23553	46.20 1.72 0.00	34.84 1.48 0.00	33.10 1.48 0.00	31.55 1.46 0.00	30.60 1.36 0.00	34.11 1.44 0.00	31.04 1.32 0.00	30.24 0.92 0.00	27.91 1.00 0.00	30.35 1.02 0.00	40.46 1.93 0.00	33.44 1.24 0.00	33.48 1.28 0.00	35.46 1.58 0.00	32.54 1.81 3.47	35.11 1.90 1.61	39.90 2.43 7.31	45.65 3.26 15.50	42.69 2.90 11.26	39.67 2.50 6.29	43.64 2.37 -1.19	41.71 2.21 -4.74	41.55 2.28 -4.26	40.00 2.25 -0.24
NORTHPORT___4 23650	46.20 1.72 0.00	34.84 1.48 0.00	33.10 1.48 0.00	31.55 1.46 0.00	30.60 1.36 0.00	34.11 1.44 0.00	31.04 1.32 0.00	30.24 0.92 0.00	27.91 1.00 0.00	30.35 1.02 0.00	40.46 1.93 0.00	33.44 1.24 0.00	33.48 1.28 0.00	35.46 1.58 0.00	32.54 1.81 3.47	35.11 1.90 1.61	39.90 2.43 7.31	45.65 3.26 15.50	42.69 2.90 11.26	39.67 2.50 6.29	43.64 2.37 -1.19	41.71 2.21 -4.74	41.55 2.28 -4.26	40.00 2.25 -0.24
NORTHPORT___IC 23718	46.19 1.71 0.00	34.83 1.47 0.00	33.10 1.47 0.00	31.54 1.45 0.00	30.59 1.36 0.00	34.14 1.46 0.00	31.05 1.33 0.00	30.23 0.93 0.00	27.92 1.01 0.00	30.33 1.00 0.00	40.43 1.90 0.00	33.41 1.20 0.00	33.47 1.27 0.00	35.45 1.57 0.00	30.09 1.80 5.91	34.00 1.91 2.74	34.81 2.47 12.44	34.79 3.30 26.40	34.79 2.92 19.18	35.26 2.51 10.70	41.39 2.39 1.08	40.65 2.21 -3.68	41.38 2.26 -4.12	39.10 2.24 0.64
NORTH___COUNTRY_ESR 323785	44.92 0.44 0.00	33.34 -0.01 0.00	31.13 -0.49 0.00	29.45 -0.65 0.00	28.51 -0.72 0.00	32.10 -0.58 0.00	29.26 -0.46 0.00	28.80 -0.51 0.00	26.41 -0.50 0.00	28.75 -0.58 0.00	37.82 -0.72 0.00	31.55 -0.66 0.00	31.50 -0.70 0.00	33.08 -0.80 0.00	33.30 -0.90 0.00	33.88 -0.94 0.00	43.69 -1.09 0.00	56.52 -1.38 0.00	49.81 -1.25 0.00	42.43 -1.03 0.00	39.25 -0.83 0.00	33.96 -0.80 0.00	34.17 -0.83 0.00	36.67 -0.84 0.00
NPX_GEN_1385_PROXY 323591	59.78 2.07 -13.23	57.83 1.74 -22.73	50.80 1.72 -17.45	46.55 1.69 -14.76	48.95 1.60 -18.12	52.32 1.73 -17.91	48.70 1.58 -17.40	45.91 1.17 -15.42	64.90 1.24 -36.75	110.03 1.25 -79.45	54.21 2.24 -13.44	47.59 1.48 -13.90	33.73 1.53 0.00	60.07 1.86 -24.34	30.31 2.01 5.91	34.21 2.12 2.74	69.45 2.83 -21.85	63.41 3.79 -1.73	69.20 3.36 -14.78	64.45 2.88 -18.11	55.04 2.73 -12.23	44.42 2.50 -7.16	41.59 2.47 -4.12	39.17 2.31 0.64
NPX_GEN_CSC 323557	46.54 2.06 0.00	34.99 1.63 0.00	33.28 1.66 0.00	31.73 1.63 0.00	30.76 1.53 0.00	34.26 1.58 0.00	31.25 1.53 0.00	30.48 1.17 0.00	28.14 1.23 0.00	30.38 1.05 0.00	40.39 1.86 0.00	33.50 1.29 0.00	33.68 1.48 0.00	35.74 1.86 0.00	37.78 2.43 -1.15	37.98 2.62 -0.53	50.73 3.52 -2.42	67.78 4.74 -5.14	58.98 4.17 -3.75	49.11 3.56 -2.09	48.95 3.39 -5.48	44.55 3.06 -6.73	42.89 3.11 -4.78	42.55 3.04 -2.00
NSINS_S_GLNS_FALLS 23858	47.56 3.08 0.00	35.80 2.44 0.00	33.86 2.24 0.00	32.26 2.17 0.00	31.37 2.14 0.00	35.00 2.32 0.00	31.81 2.09 0.00	31.33 2.03 0.00	28.76 1.84 0.00	31.32 1.98 0.00	41.28 2.75 0.00	34.54 2.33 0.00	34.63 2.43 0.00	36.45 2.57 0.00	36.88 2.68 0.00	37.61 2.79 0.00	48.48 3.70 0.00	62.51 4.62 0.00	55.08 4.02 0.00	46.82 3.36 0.00	43.13 3.05 0.00	37.39 2.63 0.00	37.65 2.64 0.00	40.17 2.66 0.00
NUCOR_STEEL___DRP 24197	47.05 -0.30 -2.87	35.37 -0.20 -2.22	31.82 -0.27 -0.47	30.26 -0.28 -0.44	30.04 -0.07 -0.87	32.62 -0.06 0.00	29.73 0.01 0.00	29.26 -0.05 0.00	26.96 0.05 0.00	29.43 0.10 0.00	38.56 0.03 0.00	34.74 -0.05 -2.58	32.15 -0.05 0.00	35.20 0.00 -1.32	37.44 0.04 -3.20	37.98 -0.02 -3.17	46.26 -0.05 -1.53	61.21 -0.03 -3.36	53.54 0.17 -2.32	46.21 0.09 -2.66	40.14 0.06 0.00	35.70 -0.14 -1.08	35.04 0.03 0.00	37.60 0.09 0.00
NUMBER_THREE_WT_PWR 323818	42.97 -1.51 0.00	32.22 -1.14 0.00	30.52 -1.11 0.00	28.97 -1.12 0.00	28.11 -1.13 0.00	31.51 -1.17 0.00	28.90 -0.82 0.00	28.60 -0.70 0.00	26.26 -0.66 0.00	28.98 -0.35 0.00	37.96 -0.58 0.00	31.76 -0.45 0.00	31.53 -0.67 0.00	32.97 -0.91 0.00	33.12 -1.09 0.00	33.69 -1.14 0.00	44.00 -0.78 0.00	56.86 -1.04 0.00	50.00 -1.06 0.00	42.79 -0.67 0.00	39.03 -1.05 0.00	33.73 -1.03 0.00	33.77 -1.23 0.00	36.14 -1.37 0.00
NYISO_LBMP_REFERENCE 24008	44.48 0.00 0.00	33.36 0.00 0.00	31.63 0.00 0.00	30.09 0.00 0.00	29.23 0.00 0.00	32.68 0.00 0.00	29.72 0.00 0.00	29.31 0.00 0.00	26.91 0.00 0.00	29.33 0.00 0.00	38.53 0.00 0.00	32.21 0.00 0.00	32.20 0.00 0.00	33.88 0.00 0.00	34.20 0.00 0.00	34.83 0.00 0.00	44.78 0.00 0.00	57.90 0.00 0.00	51.06 0.00 0.00	43.46 0.00 0.00	40.08 0.00 0.00	34.76 0.00 0.00	35.01 0.00 0.00	37.51 0.00 0.00
NYPA_BRENTWD____GT 24164	46.88 2.40 0.00	35.31 1.95 0.00	33.55 1.92 0.00	31.96 1.87 0.00	31.00 1.76 0.00	34.56 1.88 0.00	31.47 1.75 0.00	30.70 1.40 0.00	28.35 1.44 0.00	30.73 1.40 0.00	40.89 2.36 0.00	33.88 1.68 0.00	33.97 1.77 0.00	35.99 2.11 0.00	37.65 2.46 -0.99	37.91 2.63 -0.46	50.34 3.46 -2.09	66.97 4.64 -4.44	58.38 4.08 -3.24	48.77 3.51 -1.81	48.82 3.25 -5.49	44.54 2.89 -6.89	43.18 2.83 -5.34	42.88 2.75 -2.61

NYPA_GOWANUS____GT5 24156	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
NYPA_GOWANUS____GT6 24157	46.81 2.33 0.00	35.13 1.78 0.00	33.36 1.74 0.00	31.85 1.75 0.00	30.91 1.68 0.00	34.27 1.59 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.35 1.44 0.00	30.81 1.48 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.05 1.85 0.00	35.94 2.06 0.00	36.46 2.26 0.00	37.13 2.31 0.00	47.61 2.83 0.00	61.63 3.73 0.00	54.45 3.39 0.00	46.44 2.97 0.00	42.83 2.75 0.00	37.21 2.45 0.00	37.36 2.35 0.00	39.82 2.31 0.00
NYPA_HARLEM__RVR__GT1 24160	46.58 2.10 0.00	35.05 1.70 0.00	33.30 1.68 0.00	31.78 1.69 0.00	30.85 1.62 0.00	34.21 1.53 0.00	31.23 1.51 0.00	30.63 1.31 0.00	28.25 1.33 0.00	30.71 1.38 0.00	40.44 1.91 0.00	33.98 1.78 0.00	33.94 1.74 0.00	35.81 1.94 0.00	36.37 2.17 0.00	36.99 2.16 0.00	47.41 2.63 0.00	61.40 3.51 0.00	54.28 3.22 0.00	46.25 2.79 0.00	42.66 2.58 0.00	37.09 2.33 0.00	37.20 2.19 0.00	39.68 2.17 0.00
NYPA_HARLEM__RVR__GT2 24161	46.58 2.10 0.00	35.05 1.70 0.00	33.30 1.68 0.00	31.78 1.69 0.00	30.85 1.62 0.00	34.21 1.53 0.00	31.23 1.51 0.00	30.63 1.31 0.00	28.25 1.33 0.00	30.71 1.38 0.00	40.44 1.91 0.00	33.98 1.78 0.00	33.94 1.74 0.00	35.81 1.94 0.00	36.37 2.17 0.00	36.99 2.16 0.00	47.41 2.63 0.00	61.40 3.51 0.00	54.28 3.22 0.00	46.25 2.79 0.00	42.66 2.58 0.00	37.09 2.33 0.00	37.20 2.19 0.00	39.68 2.17 0.00
NYPA_KENT____GT 24152	46.78 2.30 0.00	35.10 1.74 0.00	33.32 1.69 0.00	31.82 1.72 0.00	30.88 1.65 0.00	34.23 1.55 0.00	31.28 1.56 0.00	30.71 1.40 0.00	28.32 1.40 0.00	30.78 1.45 0.00	40.52 1.99 0.00	33.96 1.76 0.00	34.02 1.82 0.00	35.90 2.03 0.00	36.42 2.22 0.00	37.09 2.26 0.00	47.55 2.77 0.00	61.51 3.62 0.00	54.35 3.29 0.00	46.34 2.88 0.00	42.75 2.67 0.00	37.15 2.39 0.00	37.31 2.30 0.00	39.74 2.23 0.00
NYPA_POUCH1____GT 24155	46.77 2.29 0.00	35.11 1.76 0.00	33.37 1.74 0.00	31.85 1.75 0.00	30.91 1.67 0.00	34.28 1.60 0.00	31.32 1.60 0.00	30.76 1.45 0.00	28.35 1.44 0.00	30.79 1.46 0.00	40.55 2.02 0.00	33.97 1.77 0.00	34.00 1.80 0.00	35.89 2.01 0.00	36.42 2.22 0.00	37.08 2.26 0.00	47.55 2.77 0.00	61.51 3.61 0.00	54.37 3.31 0.00	46.41 2.95 0.00	42.80 2.72 0.00	37.19 2.43 0.00	37.33 2.33 0.00	39.81 2.30 0.00
NYPA_VERNON____GT2 24162	46.75 2.27 0.00	35.06 1.70 0.00	33.27 1.64 0.00	31.77 1.68 0.00	30.84 1.61 0.00	34.19 1.51 0.00	31.23 1.51 0.00	30.66 1.35 0.00	28.27 1.36 0.00	30.75 1.41 0.00	40.46 1.93 0.00	33.93 1.72 0.00	34.00 1.80 0.00	35.87 1.99 0.00	36.39 2.18 0.00	37.05 2.22 0.00	47.47 2.69 0.00	61.43 3.53 0.00	54.24 3.18 0.00	46.25 2.79 0.00	42.67 2.59 0.00	37.10 2.34 0.00	37.25 2.25 0.00	39.67 2.16 0.00
NYPA_VERNON____GT3 24163	46.75 2.27 0.00	35.06 1.70 0.00	33.27 1.64 0.00	31.77 1.68 0.00	30.84 1.61 0.00	34.19 1.51 0.00	31.23 1.51 0.00	30.66 1.35 0.00	28.27 1.36 0.00	30.75 1.41 0.00	40.46 1.93 0.00	33.93 1.72 0.00	34.00 1.80 0.00	35.87 1.99 0.00	36.39 2.18 0.00	37.05 2.22 0.00	47.47 2.69 0.00	61.43 3.53 0.00	54.24 3.18 0.00	46.25 2.79 0.00	42.67 2.59 0.00	37.10 2.34 0.00	37.25 2.25 0.00	39.67 2.16 0.00
NYPA____ASTORIA_CC1 323568	46.70 2.22 0.00	35.02 1.66 0.00	33.23 1.60 0.00	31.74 1.65 0.00	30.81 1.58 0.00	34.13 1.45 0.00	31.18 1.46 0.00	30.61 1.30 0.00	28.24 1.33 0.00	30.71 1.38 0.00	40.41 1.88 0.00	33.90 1.69 0.00	33.96 1.76 0.00	35.83 1.95 0.00	36.35 2.15 0.00	37.02 2.19 0.00	47.40 2.62 0.00	61.32 3.43 0.00	54.17 3.11 0.00	46.17 2.71 0.00	42.61 2.53 0.00	37.05 2.29 0.00	37.19 2.19 0.00	39.61 2.10 0.00
NYPA____ASTORIA_CC2 323569	46.70 2.22 0.00	35.02 1.66 0.00	33.23 1.60 0.00	31.74 1.65 0.00	30.81 1.58 0.00	34.13 1.45 0.00	31.18 1.46 0.00	30.61 1.30 0.00	28.24 1.33 0.00	30.71 1.38 0.00	40.41 1.88 0.00	33.90 1.69 0.00	33.96 1.76 0.00	35.83 1.95 0.00	36.35 2.15 0.00	37.02 2.19 0.00	47.40 2.62 0.00	61.32 3.43 0.00	54.17 3.11 0.00	46.17 2.71 0.00	42.61 2.53 0.00	37.05 2.29 0.00	37.19 2.19 0.00	39.61 2.10 0.00
NYPA____HOLTSVILL 23794	46.38 1.90 0.00	34.93 1.57 0.00	33.22 1.59 0.00	31.66 1.56 0.00	30.70 1.46 0.00	34.19 1.51 0.00	31.16 1.44 0.00	30.38 1.08 0.00	28.05 1.14 0.00	30.38 1.05 0.00	40.42 1.89 0.00	33.50 1.30 0.00	33.63 1.43 0.00	35.63 1.75 0.00	37.52 2.12 -1.21	37.63 2.25 -0.56	50.24 2.92 -2.54	67.16 3.87 -5.40	58.41 3.41 -3.94	48.58 2.93 -2.19	48.42 2.82 -5.53	44.09 2.59 -6.74	42.39 2.64 -4.74	42.07 2.58 -1.98
NYPA____HELLGATE_GT1 24158	46.58 2.10 0.00	35.05 1.70 0.00	33.30 1.68 0.00	31.78 1.69 0.00	30.85 1.62 0.00	34.21 1.53 0.00	31.23 1.51 0.00	30.63 1.31 0.00	28.25 1.33 0.00	30.71 1.38 0.00	40.44 1.91 0.00	33.98 1.78 0.00	33.94 1.74 0.00	35.81 1.94 0.00	36.37 2.17 0.00	36.99 2.16 0.00	47.41 2.63 0.00	61.40 3.51 0.00	54.28 3.22 0.00	46.25 2.79 0.00	42.66 2.58 0.00	37.09 2.33 0.00	37.20 2.19 0.00	39.68 2.17 0.00
NYPA____HELLGATE_GT2 24159	46.58 2.10 0.00	35.05 1.70 0.00	33.30 1.68 0.00	31.78 1.69 0.00	30.85 1.62 0.00	34.21 1.53 0.00	31.23 1.51 0.00	30.63 1.31 0.00	28.25 1.33 0.00	30.71 1.38 0.00	40.44 1.91 0.00	33.98 1.78 0.00	33.94 1.74 0.00	35.81 1.94 0.00	36.37 2.17 0.00	36.99 2.16 0.00	47.41 2.63 0.00	61.40 3.51 0.00	54.28 3.22 0.00	46.25 2.79 0.00	42.66 2.58 0.00	37.09 2.33 0.00	37.20 2.19 0.00	39.68 2.17 0.00
NYS_BARGE____HYD 23848	33.41 -4.28 6.79	24.96 -3.16 5.24	27.40 -3.12 1.11	25.88 -3.17 1.05	24.26 -2.91 2.07	29.77 -2.90 0.00	27.16 -2.56 0.00	27.15 -2.16 0.00	24.82 -2.10 0.00	27.13 -2.20 0.00	35.52 -3.01 0.00	23.90 -2.24 6.07	29.88 -2.32 0.00	28.28 -2.47 3.13	24.08 -2.59 7.54	24.69 -2.64 7.50	37.33 -3.84 3.62	44.98 -4.99 7.93	41.05 -4.54 5.47	31.47 -3.97 8.02	36.35 -3.73 0.00	28.86 -3.36 2.54	32.10 -2.90 0.00	35.40 -2.11 0.00
OAK ORCHARD____HYD 24046	37.94 -2.34 4.19	28.41 -1.72 3.23	29.27 -1.67 0.68	27.74 -1.70 0.64	26.40 -1.56 1.27	31.18 -1.50 0.00	28.45 -1.27 0.00	28.30 -1.01 0.00	25.96 -0.96 0.00	28.40 -0.93 0.00	37.26 -1.27 0.00	27.52 -0.99 3.69	31.25 -0.95 0.00	30.89 -1.06 1.93	28.43 -1.15 4.63	28.98 -1.22 4.63	40.90 -1.65 2.23	50.92 -2.08 4.89	45.75 -1.93 3.38	37.80 -1.79 3.87	38.47 -1.61 0.00	31.65 -1.54 1.57	33.70 -1.31 0.00	36.56 -0.95 0.00

OAKDALE___35_KV_LOAD 356122	42.03 -0.49 1.97	31.53 -0.31 1.52	31.05 -0.26 0.32	29.56 -0.23 0.30	28.46 -0.18 0.60	32.47 -0.21 0.00	29.52 -0.20 0.00	29.18 -0.13 0.00	26.77 -0.14 0.00	29.20 -0.12 0.00	38.32 -0.21 0.00	30.12 -0.24 1.85	31.98 -0.22 0.00	32.76 -0.21 0.91	31.81 -0.17 2.23	32.49 -0.17 2.18	43.59 -0.15 1.05	55.43 -0.17 2.30	49.35 -0.12 1.59	42.01 -0.15 1.29	39.95 -0.13 0.00	33.90 -0.12 0.74	34.95 -0.06 0.00	37.48 -0.03 0.00
OCC_CHEM___DRP 24175	32.58 -4.90 7.01	24.33 -3.62 5.41	26.92 -3.57 1.14	25.43 -3.59 1.08	23.78 -3.32 2.13	29.31 -3.37 0.00	26.73 -2.99 0.00	26.71 -2.61 0.00	24.47 -2.44 0.00	26.78 -2.55 0.00	35.08 -3.45 0.00	23.29 -2.62 6.30	29.50 -2.70 0.00	27.75 -2.90 3.23	23.39 -3.02 7.80	23.92 -3.16 7.74	36.40 -4.64 3.73	43.44 -6.26 8.19	39.71 -5.70 5.65	30.22 -5.00 8.24	35.55 -4.53 0.00	28.08 -4.07 2.62	31.51 -3.50 0.00	34.81 -2.70 0.00
OH_GEN_PROXY 24063	33.25 -4.53 6.69	24.85 -3.35 5.16	27.27 -3.26 1.09	25.78 -3.28 1.03	24.16 -3.04 2.04	29.62 -3.06 0.00	27.01 -2.71 0.00	26.97 -2.34 0.00	24.70 -2.21 0.00	27.04 -2.29 0.00	35.44 -3.09 0.00	23.75 -2.44 6.01	29.76 -2.44 0.00	28.13 -2.66 3.08	23.93 -2.83 7.44	24.45 -2.99 7.39	37.07 -4.15 3.56	44.64 -5.44 7.82	40.75 -4.92 5.39	31.42 -4.35 7.69	36.18 -3.90 0.00	28.76 -3.50 2.50	31.96 -3.05 0.00	35.11 -2.40 0.00
OLIN_CORP_DRP 24177	32.55 -4.75 7.17	24.30 -3.52 5.54	27.00 -3.46 1.17	25.49 -3.49 1.11	23.83 -3.22 2.18	29.42 -3.26 0.00	26.83 -2.89 0.00	26.81 -2.50 0.00	24.49 -2.42 0.00	26.76 -2.57 0.00	35.05 -3.48 0.00	23.19 -2.57 6.44	29.47 -2.73 0.00	27.68 -2.89 3.31	23.24 -2.98 7.98	23.87 -3.04 7.92	36.55 -4.41 3.82	43.79 -5.73 8.38	40.03 -5.25 5.78	30.51 -4.51 8.44	35.76 -4.32 0.00	28.27 -3.81 2.68	31.63 -3.37 0.00	34.96 -2.55 0.00
OLIN_CORP_DSASP 323712	32.58 -4.90 7.01	24.33 -3.62 5.41	26.92 -3.57 1.14	25.43 -3.59 1.08	23.78 -3.32 2.13	29.31 -3.37 0.00	26.73 -2.99 0.00	26.71 -2.61 0.00	24.47 -2.44 0.00	26.78 -2.55 0.00	35.08 -3.45 0.00	23.29 -2.62 6.30	29.50 -2.70 0.00	27.75 -2.90 3.23	23.39 -3.02 7.80	23.92 -3.16 7.74	36.40 -4.64 3.73	43.44 -6.26 8.19	39.71 -5.70 5.65	30.22 -5.00 8.24	35.55 -4.53 0.00	28.08 -4.07 2.62	31.51 -3.50 0.00	34.81 -2.70 0.00
ONEIDA_HERK_LFGE 323681	44.42 -0.06 0.00	33.33 -0.02 0.00	31.60 -0.02 0.00	30.05 -0.05 0.00	29.18 -0.05 0.00	32.67 -0.01 0.00	29.81 0.09 0.00	29.47 0.16 0.00	27.06 0.14 0.00	29.65 0.32 0.00	38.90 0.37 0.00	32.52 0.31 0.00	32.40 0.20 0.00	33.98 0.10 0.00	34.31 0.10 0.00	34.96 0.13 0.00	45.29 0.51 0.00	58.57 0.67 0.00	51.57 0.51 0.00	43.96 0.50 0.00	40.34 0.27 0.00	34.92 0.15 0.00	35.05 0.04 0.00	37.52 0.01 0.00
ONEIDA___115KV_TB4 55905	45.06 0.58 0.00	33.84 0.49 0.00	32.12 0.49 0.00	30.55 0.45 0.00	29.70 0.47 0.00	33.23 0.55 0.00	30.27 0.55 0.00	29.90 0.59 0.00	27.47 0.56 0.00	29.99 0.66 0.00	39.37 0.84 0.00	32.91 0.70 0.00	32.79 0.58 0.00	34.45 0.57 0.00	34.90 0.70 0.00	35.63 0.80 0.00	46.00 1.22 0.00	59.47 1.57 0.00	52.37 1.31 0.00	44.53 1.07 0.00	40.98 0.90 0.00	35.48 0.72 0.00	35.67 0.67 0.00	38.19 0.68 0.00
ONONDAGA_REF_OCCRA 23987	45.99 -0.43 -1.95	34.59 -0.27 -1.50	31.70 -0.25 -0.32	30.17 -0.22 -0.30	29.64 -0.18 -0.59	32.49 -0.19 0.00	29.58 -0.14 0.00	29.23 -0.08 0.00	26.85 -0.07 0.00	29.29 -0.05 0.00	38.43 -0.10 0.00	33.85 -0.10 -1.75	32.05 -0.15 0.00	34.64 -0.14 -0.90	36.26 -0.11 -2.17	36.94 -0.04 -2.15	45.82 0.00 -1.04	60.18 0.01 -2.27	52.63 0.00 -1.57	45.21 -0.05 -1.80	40.01 -0.08 0.00	35.39 -0.09 -0.73	34.93 -0.07 0.00	37.42 -0.09 0.00
ONONDAGA___COGEN 23986	43.98 -0.49 0.00	33.05 -0.31 0.00	31.34 -0.28 0.00	29.82 -0.28 0.00	29.03 -0.21 0.00	32.47 -0.21 0.00	29.55 -0.17 0.00	29.19 -0.12 0.00	26.82 -0.09 0.00	29.25 -0.08 0.00	38.38 -0.15 0.00	32.05 -0.16 0.00	32.02 -0.19 0.00	33.67 -0.20 0.00	34.03 -0.18 0.00	34.68 -0.15 0.00	44.61 -0.17 0.00	57.68 -0.21 0.00	50.89 -0.17 0.00	43.26 -0.20 0.00	39.86 -0.22 0.00	34.54 -0.22 0.00	34.82 -0.18 0.00	37.33 -0.18 0.00
ONTARIO___LFGE 23819	41.84 -1.27 1.37	31.38 -0.92 1.05	30.50 -0.90 0.22	28.97 -0.92 0.21	28.04 -0.78 0.41	31.94 -0.74 0.00	29.13 -0.59 0.00	28.87 -0.44 0.00	26.54 -0.38 0.00	28.95 -0.38 0.00	38.01 -0.52 0.00	30.53 -0.48 1.20	31.80 -0.40 0.00	32.80 -0.45 0.63	32.23 -0.47 1.50	32.85 -0.47 1.51	43.45 -0.60 0.73	55.60 -0.70 1.59	49.31 -0.65 1.10	41.54 -0.66 1.26	39.46 -0.63 0.00	33.59 -0.66 0.51	34.45 -0.55 0.00	37.12 -0.39 0.00
ORANGEVILLE_WT_PWR 323706	26.59 -5.21 12.68	19.69 -3.88 9.78	25.80 -3.76 2.07	24.45 -3.69 1.96	21.97 -3.41 3.85	29.14 -3.54 0.00	26.56 -3.16 0.00	26.55 -2.76 0.00	24.29 -2.63 0.00	26.42 -2.91 0.00	34.55 -3.97 0.00	16.28 -3.34 12.59	28.94 -3.26 0.00	24.61 -3.43 5.84	15.97 -3.57 14.66	17.23 -3.59 14.00	33.24 -4.79 6.75	36.80 -6.28 14.81	35.31 -5.53 10.22	17.75 -4.85 20.86	35.81 -4.27 0.00	26.31 -3.71 4.74	31.68 -3.33 0.00	34.58 -2.93 0.00
ORANGEVILLE___ESR 323794	26.59 -5.21 12.68	19.69 -3.88 9.78	25.80 -3.76 2.07	24.45 -3.69 1.96	21.97 -3.41 3.85	29.14 -3.54 0.00	26.56 -3.16 0.00	26.55 -2.76 0.00	24.29 -2.63 0.00	26.42 -2.91 0.00	34.55 -3.97 0.00	16.28 -3.34 12.59	28.94 -3.26 0.00	24.61 -3.43 5.84	15.97 -3.57 14.66	17.23 -3.59 14.00	33.24 -4.79 6.75	36.80 -6.28 14.81	35.31 -5.53 10.22	17.75 -4.85 20.86	35.81 -4.27 0.00	26.31 -3.71 4.74	31.68 -3.33 0.00	34.58 -2.93 0.00
OSWEGATCHIE___HYD 24044	43.73 -0.75 0.00	32.61 -0.75 0.00	30.78 -0.85 0.00	29.21 -0.88 0.00	28.33 -0.90 0.00	31.77 -0.91 0.00	29.01 -0.71 0.00	28.68 -0.63 0.00	26.36 -0.55 0.00	28.95 -0.38 0.00	38.06 -0.47 0.00	31.80 -0.41 0.00	31.67 -0.53 0.00	33.16 -0.72 0.00	33.34 -0.86 0.00	33.74 -1.09 0.00	43.70 -1.08 0.00	56.41 -1.48 0.00	49.70 -1.35 0.00	42.49 -0.97 0.00	39.13 -0.95 0.00	33.91 -0.86 0.00	34.07 -0.94 0.00	36.51 -1.00 0.00
OSWEGO___5 23606	43.31 -1.17 0.00	32.53 -0.82 0.00	30.86 -0.77 0.00	29.36 -0.73 0.00	28.56 -0.68 0.00	31.93 -0.75 0.00	29.06 -0.66 0.00	28.70 -0.61 0.00	26.36 -0.55 0.00	28.75 -0.58 0.00	37.71 -0.82 0.00	31.50 -0.70 0.00	31.46 -0.74 0.00	33.07 -0.81 0.00	33.39 -0.82 0.00	34.00 -0.83 0.00	43.71 -1.07 0.00	56.51 -1.38 0.00	49.84 -1.22 0.00	42.39 -1.07 0.00	39.08 -1.00 0.00	33.89 -0.88 0.00	34.17 -0.84 0.00	36.65 -0.86 0.00
OSWEGO___6 23613	43.31 -1.17 0.00	32.53 -0.82 0.00	30.86 -0.77 0.00	29.36 -0.73 0.00	28.56 -0.68 0.00	31.93 -0.75 0.00	29.06 -0.66 0.00	28.70 -0.61 0.00	26.36 -0.55 0.00	28.75 -0.58 0.00	37.71 -0.82 0.00	31.50 -0.70 0.00	31.46 -0.74 0.00	33.07 -0.81 0.00	33.39 -0.82 0.00	34.00 -0.83 0.00	43.71 -1.07 0.00	56.51 -1.38 0.00	49.84 -1.22 0.00	42.39 -1.07 0.00	39.08 -1.00 0.00	33.89 -0.88 0.00	34.17 -0.84 0.00	36.65 -0.86 0.00

OUTOKUMPU-AB___DRP 24206	32.93 -4.20 7.36	24.57 -3.11 5.68	27.36 -3.06 1.20	25.86 -3.10 1.14	24.14 -2.85 2.24	29.84 -2.84 0.00	27.22 -2.51 0.00	27.20 -2.11 0.00	24.90 -2.01 0.00	27.24 -2.09 0.00	35.69 -2.84 0.00	23.47 -2.13 6.61	30.00 -2.20 0.00	28.14 -2.35 3.39	23.57 -2.45 8.18	24.15 -2.56 8.12	37.13 -3.74 3.92	44.39 -4.92 8.59	40.65 -4.48 5.93	30.82 -3.94 8.70	36.46 -3.62 0.00	28.74 -3.27 2.75	32.21 -2.79 0.00	35.49 -2.02 0.00
OXBOW___BTM 323836	32.70 -4.59 7.18	24.41 -3.40 5.55	27.10 -3.36 1.17	25.60 -3.39 1.11	23.92 -3.13 2.19	29.52 -3.16 0.00	26.93 -2.79 0.00	26.91 -2.40 0.00	24.65 -2.27 0.00	26.97 -2.36 0.00	35.35 -3.18 0.00	23.31 -2.44 6.46	29.71 -2.49 0.00	27.91 -2.66 3.31	23.40 -2.81 7.99	23.97 -2.92 7.93	36.71 -4.25 3.82	43.86 -5.65 8.39	40.12 -5.15 5.79	30.44 -4.55 8.47	35.96 -4.12 0.00	28.36 -3.71 2.69	31.81 -3.20 0.00	35.10 -2.41 0.00
OXBOW___ 24026	32.69 -4.60 7.18	24.41 -3.41 5.55	27.09 -3.36 1.17	25.60 -3.39 1.11	23.92 -3.13 2.19	29.52 -3.15 0.00	26.93 -2.79 0.00	26.91 -2.40 0.00	24.65 -2.27 0.00	26.97 -2.36 0.00	35.35 -3.18 0.00	23.34 -2.41 6.46	29.71 -2.49 0.00	27.90 -2.67 3.31	23.44 -2.77 7.99	23.99 -2.90 7.93	36.72 -4.24 3.82	43.87 -5.64 8.39	40.14 -5.13 5.79	30.47 -4.51 8.47	35.97 -4.11 0.00	28.37 -3.70 2.69	31.81 -3.19 0.00	35.10 -2.41 0.00
OXY_CHEM_DSASP 323612	32.58 -4.90 7.01	24.33 -3.62 5.41	26.92 -3.57 1.14	25.43 -3.59 1.08	23.78 -3.32 2.13	29.31 -3.37 0.00	26.73 -2.99 0.00	26.71 -2.61 0.00	24.47 -2.44 0.00	26.78 -2.55 0.00	35.08 -3.45 0.00	23.29 -2.62 6.30	29.50 -2.70 0.00	27.75 -2.90 3.23	23.39 -3.02 7.80	23.92 -3.16 7.74	36.40 -4.64 3.73	43.44 -6.26 8.19	39.71 -5.70 5.65	30.22 -5.00 8.24	35.55 -4.53 0.00	28.08 -4.07 2.62	31.51 -3.50 0.00	34.81 -2.70 0.00
OZONE_PARK_ESR 323760	47.08 2.60 0.00	35.31 1.95 0.00	33.51 1.88 0.00	31.99 1.90 0.00	31.05 1.82 0.00	34.41 1.73 0.00	31.46 1.74 0.00	30.88 1.58 0.00	28.46 1.55 0.00	30.95 1.62 0.00	40.76 2.23 0.00	34.11 1.91 0.00	34.26 2.06 0.00	36.13 2.25 0.00	36.63 2.42 0.00	37.31 2.48 0.00	47.90 3.12 0.00	62.03 4.13 0.00	54.74 3.68 0.00	46.63 3.17 0.00	43.04 2.96 0.00	37.38 2.62 0.00	37.57 2.57 0.00	40.01 2.49 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	32.58 -4.90 7.01	24.33 -3.62 5.41	26.92 -3.57 1.14	25.43 -3.59 1.08	23.78 -3.32 2.13	29.31 -3.37 0.00	26.73 -2.99 0.00	26.71 -2.61 0.00	24.47 -2.44 0.00	26.78 -2.55 0.00	35.08 -3.45 0.00	23.29 -2.62 6.30	29.50 -2.70 0.00	27.75 -2.90 3.23	23.39 -3.02 7.80	23.92 -3.16 7.74	36.40 -4.64 3.73	43.44 -6.26 8.19	39.71 -5.70 5.65	30.22 -5.00 8.24	35.55 -4.53 0.00	28.08 -4.07 2.62	31.51 -3.50 0.00	34.81 -2.70 0.00
PACKARD___115KV_DUPONT_184 80571	32.58 -4.89 7.01	24.33 -3.61 5.41	26.93 -3.56 1.14	25.42 -3.59 1.08	23.78 -3.32 2.13	29.32 -3.36 0.00	26.73 -2.99 0.00	26.71 -2.60 0.00	24.47 -2.44 0.00	26.78 -2.55 0.00	35.09 -3.44 0.00	23.26 -2.65 6.30	29.50 -2.70 0.00	27.75 -2.89 3.23	23.35 -3.05 7.80	23.90 -3.19 7.74	36.39 -4.65 3.73	43.46 -6.25 8.19	39.69 -5.72 5.65	30.18 -5.03 8.24	35.55 -4.53 0.00	28.07 -4.07 2.62	31.50 -3.51 0.00	34.81 -2.70 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	46.51 2.03 0.00	34.98 1.62 0.00	33.22 1.60 0.00	31.71 1.62 0.00	30.78 1.55 0.00	34.14 1.46 0.00	31.17 1.45 0.00	30.59 1.28 0.00	28.21 1.29 0.00	30.66 1.33 0.00	40.38 1.85 0.00	33.89 1.69 0.00	33.89 1.69 0.00	35.75 1.88 0.00	36.29 2.08 0.00	36.93 2.11 0.00	47.36 2.58 0.00	61.33 3.44 0.00	54.21 3.16 0.00	46.19 2.73 0.00	42.60 2.53 0.00	37.04 2.28 0.00	37.15 2.14 0.00	39.63 2.12 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	47.37 2.90 0.00	35.66 2.30 0.00	33.80 2.17 0.00	32.29 2.20 0.00	31.33 2.10 0.00	34.80 2.12 0.00	31.76 2.04 0.00	31.17 1.86 0.00	28.75 1.83 0.00	31.24 1.91 0.00	41.11 2.58 0.00	34.51 2.31 0.00	34.56 2.36 0.00	36.46 2.58 0.00	36.98 2.78 0.00	37.66 2.83 0.00	48.33 3.55 0.00	62.60 4.71 0.00	55.33 4.27 0.00	47.12 3.66 0.00	43.43 3.35 0.00	37.76 3.00 0.00	37.85 2.84 0.00	40.42 2.91 0.00
PATROON___115KV_TB1 80586	45.56 1.08 0.00	34.54 1.18 0.00	32.80 1.18 0.00	31.26 1.16 0.00	30.36 1.12 0.00	33.85 1.17 0.00	30.73 1.02 0.00	30.23 0.92 0.00	27.61 0.70 0.00	30.00 0.67 0.00	39.43 0.90 0.00	33.04 0.83 0.00	33.09 0.89 0.00	34.92 1.04 0.00	35.26 1.06 0.00	35.88 1.05 0.00	45.88 1.10 0.00	59.15 1.26 0.00	52.19 1.13 0.00	44.47 1.01 0.00	41.03 0.95 0.00	35.67 0.91 0.00	35.92 0.91 0.00	38.40 0.89 0.00
PATTRSNVILLE___SOLAR 323815	45.65 1.17 0.00	34.23 0.87 0.00	32.48 0.85 0.00	30.91 0.81 0.00	30.00 0.77 0.00	33.52 0.84 0.00	30.46 0.74 0.00	30.02 0.71 0.00	27.46 0.55 0.00	29.80 0.47 0.00	39.13 0.60 0.00	32.79 0.58 0.00	32.82 0.62 0.00	34.58 0.70 0.00	34.98 0.78 0.00	35.80 0.98 0.00	46.15 1.37 0.00	59.70 1.81 0.00	52.64 1.59 0.00	44.84 1.38 0.00	41.29 1.21 0.00	35.78 1.02 0.00	35.97 0.96 0.00	38.52 1.02 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	32.27 -3.72 8.48	24.06 -2.75 6.54	27.54 -2.71 1.39	26.06 -2.73 1.31	24.17 -2.49 2.58	30.20 -2.48 0.00	27.53 -2.19 0.00	27.50 -1.81 0.00	25.16 -1.75 0.00	27.55 -1.78 0.00	36.11 -2.42 0.00	22.72 -1.87 7.62	30.28 -1.92 0.00	27.89 -2.08 3.91	22.62 -2.15 9.43	23.21 -2.25 9.36	37.10 -3.17 4.52	43.98 -4.01 9.91	40.60 -3.62 6.83	30.51 -3.24 9.70	37.10 -2.98 0.00	28.95 -2.65 3.17	32.74 -2.26 0.00	35.83 -1.68 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	46.80 2.33 0.00	35.15 1.80 0.00	33.38 1.76 0.00	31.84 1.75 0.00	30.92 1.69 0.00	34.38 1.70 0.00	31.30 1.58 0.00	30.75 1.44 0.00	28.28 1.37 0.00	30.79 1.46 0.00	40.56 2.03 0.00	33.92 1.72 0.00	34.02 1.82 0.00	35.88 2.00 0.00	36.37 2.16 0.00	37.09 2.26 0.00	47.73 2.95 0.00	61.82 3.93 0.00	54.52 3.46 0.00	46.43 2.97 0.00	42.81 2.73 0.00	37.15 2.39 0.00	37.33 2.33 0.00	39.78 2.27 0.00
PEEKSKILL___ 23653	46.44 1.96 0.00	34.87 1.51 0.00	33.12 1.49 0.00	31.60 1.51 0.00	30.66 1.42 0.00	34.08 1.40 0.00	31.06 1.34 0.00	30.49 1.19 0.00	28.05 1.14 0.00	30.54 1.21 0.00	40.21 1.68 0.00	33.63 1.42 0.00	33.72 1.52 0.00	35.57 1.69 0.00	36.05 1.84 0.00	36.73 1.91 0.00	47.21 2.43 0.00	61.14 3.25 0.00	53.94 2.89 0.00	45.93 2.47 0.00	42.37 2.29 0.00	36.79 2.03 0.00	36.99 1.99 0.00	39.44 1.93 0.00
PGE MADISON___WINDPWR 24146	54.61 1.15 -8.99	40.72 0.42 -6.93	33.33 0.23 -1.47	31.66 0.18 -1.39	32.19 0.22 -2.73	33.04 0.37 0.00	30.16 0.44 0.00	29.92 0.61 0.00	27.46 0.55 0.00	30.20 0.86 0.00	39.32 0.79 0.00	40.86 0.59 -8.07	32.42 0.21 0.00	38.54 0.52 -4.14	44.76 0.56 -10.00	45.78 1.03 -9.92	51.14 1.58 -4.79	70.86 2.47 -10.50	60.84 2.55 -7.24	54.37 1.94 -8.96	41.58 1.50 0.00	39.21 1.09 -3.36	35.98 0.98 0.00	38.61 1.10 0.00

PIERCEFIELD___HYD 23852	44.98 0.50 0.00	33.37 0.02 0.00	31.44 -0.19 0.00	29.81 -0.28 0.00	28.91 -0.32 0.00	32.48 -0.19 0.00	29.65 -0.07 0.00	29.30 -0.01 0.00	26.96 0.05 0.00	29.45 0.12 0.00	38.68 0.15 0.00	32.29 0.08 0.00	32.23 0.03 0.00	33.80 -0.07 0.00	34.02 -0.18 0.00	34.38 -0.45 0.00	44.20 -0.58 0.00	57.02 -0.87 0.00	50.26 -0.80 0.00	42.98 -0.48 0.00	39.88 -0.21 0.00	34.65 -0.11 0.00	34.83 -0.17 0.00	37.40 -0.11 0.00
PINELAWN_CC_1 323563	46.68 2.20 0.00	35.15 1.80 0.00	33.38 1.76 0.00	31.80 1.71 0.00	30.85 1.62 0.00	34.35 1.67 0.00	31.29 1.57 0.00	30.56 1.25 0.00	28.22 1.30 0.00	30.58 1.25 0.00	40.63 2.10 0.00	33.67 1.47 0.00	33.79 1.59 0.00	35.79 1.91 0.00	36.64 2.24 -0.20	37.27 2.35 -0.09	48.27 3.07 -0.42	62.92 4.13 -0.89	55.39 3.67 -0.66	46.96 3.13 -0.36	48.22 2.93 -5.21	44.61 2.65 -7.21	45.02 2.64 -7.37	44.32 2.58 -4.22
PJM_GEN_HTTP_PROXY 323702	46.67 2.19 0.00	35.03 1.67 0.00	33.24 1.61 0.00	31.69 1.60 0.00	30.75 1.52 0.00	34.20 1.53 0.00	31.14 1.42 0.00	30.57 1.27 0.00	28.15 1.23 0.00	30.70 1.37 0.00	40.43 1.90 0.00	33.82 1.61 0.00	33.95 1.75 0.00	35.79 1.91 0.00	36.29 2.09 0.00	36.97 2.14 0.00	47.44 2.65 0.00	61.35 3.46 0.00	54.13 3.07 0.00	46.13 2.67 0.00	42.58 2.50 0.00	37.00 2.25 0.00	37.21 2.21 0.00	39.62 2.11 0.00
PJM_GEN_KEystone 24065	40.45 -0.99 3.04	29.37 -0.69 3.29	30.33 -0.60 0.70	28.88 -0.55 0.66	27.44 -0.50 1.30	32.08 -0.59 0.00	29.27 -0.46 0.00	28.91 -0.40 0.00	26.51 -0.40 0.00	28.93 -0.40 0.00	38.00 -0.53 3.86	27.87 -0.47 0.00	31.81 -0.39 0.00	31.49 -0.42 1.97	29.04 -0.40 4.76	28.51 -0.48 5.83	42.68 -0.59 1.51	52.20 -0.71 4.99	46.99 -0.63 3.44	38.90 -0.61 3.95	39.62 -0.46 0.00	32.78 -0.38 1.60	34.81 -0.20 0.00	37.44 -0.07 0.00
PJM_GEN_NEPTUNE_PROXY 323594	46.35 1.87 0.00	34.88 1.52 0.00	33.14 1.51 0.00	31.59 1.50 0.00	30.64 1.41 0.00	34.09 1.41 0.00	31.04 1.32 0.00	30.35 1.04 0.00	28.01 1.10 0.00	30.43 1.10 0.00	40.37 1.84 0.00	33.53 1.33 0.00	33.64 1.44 0.00	35.60 1.73 0.00	36.12 1.91 0.00	36.82 2.00 0.00	47.29 2.51 0.00	61.24 3.33 -0.01	54.03 2.96 -0.01	46.01 2.54 -0.01	46.59 2.40 -4.11	42.77 2.21 -5.80	40.39 2.22 -3.16	40.02 2.18 -0.33
PJM_GEN_VFT_PROXY 323633	46.56 2.09 0.00	34.94 1.58 0.00	33.17 1.54 0.00	31.67 1.58 0.00	30.75 1.51 0.00	34.09 1.41 0.00	31.15 1.43 0.00	30.58 1.27 0.00	28.17 1.25 0.00	30.63 1.30 0.00	40.33 1.80 0.00	33.76 1.55 0.00	33.86 1.66 0.00	35.73 1.85 0.00	36.22 2.02 0.00	36.89 2.07 0.00	47.32 2.54 0.00	61.26 3.36 0.00	54.04 2.98 0.00	46.06 2.60 0.00	42.52 2.44 0.00	36.93 2.17 0.00	37.13 2.12 0.00	39.55 2.03 0.00
PLATSBURG_115KV_PMLD1 355749	45.20 0.73 0.00	33.56 0.20 0.00	31.34 -0.28 0.00	29.61 -0.49 0.00	28.65 -0.58 0.00	32.25 -0.43 0.00	29.41 -0.31 0.00	28.95 -0.36 0.00	26.55 -0.36 0.00	28.90 -0.43 0.00	38.02 -0.51 0.00	31.72 -0.48 0.00	31.65 -0.55 0.00	33.24 -0.63 0.00	33.47 -0.73 0.00	34.07 -0.76 0.00	43.94 -0.84 0.00	56.86 -1.03 0.00	50.10 -0.96 0.00	42.68 -0.78 0.00	39.47 -0.61 0.00	34.15 -0.61 0.00	34.36 -0.64 0.00	36.87 -0.64 0.00
PLEASANTVLY___LBMP 24000	46.18 1.71 0.00	34.71 1.36 0.00	32.99 1.36 0.00	31.48 1.39 0.00	30.56 1.33 0.00	33.96 1.28 0.00	30.90 1.18 0.00	30.35 1.04 0.00	27.91 1.00 0.00	30.37 1.04 0.00	40.00 1.47 0.00	33.44 1.23 0.00	33.54 1.34 0.00	35.37 1.49 0.00	35.83 1.62 0.00	36.50 1.68 0.00	46.91 2.13 0.00	60.69 2.79 0.00	53.54 2.48 0.00	45.60 2.13 0.00	42.06 1.98 0.00	36.53 1.77 0.00	36.74 1.73 0.00	39.18 1.66 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	46.53 2.05 0.00	34.96 1.60 0.00	33.19 1.56 0.00	31.66 1.57 0.00	30.74 1.51 0.00	34.16 1.48 0.00	31.10 1.38 0.00	30.53 1.23 0.00	28.10 1.19 0.00	30.59 1.26 0.00	40.29 1.76 0.00	33.69 1.48 0.00	33.81 1.61 0.00	35.67 1.79 0.00	36.14 1.93 0.00	36.83 2.00 0.00	47.31 2.53 0.00	61.25 3.35 0.00	54.05 2.99 0.00	46.02 2.56 0.00	42.46 2.38 0.00	36.87 2.11 0.00	37.08 2.07 0.00	39.51 2.00 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	46.53 2.05 0.00	34.96 1.60 0.00	33.19 1.56 0.00	31.66 1.57 0.00	30.74 1.51 0.00	34.16 1.48 0.00	31.10 1.38 0.00	30.53 1.23 0.00	28.10 1.19 0.00	30.59 1.26 0.00	40.29 1.76 0.00	33.69 1.48 0.00	33.81 1.61 0.00	35.67 1.79 0.00	36.14 1.93 0.00	36.83 2.00 0.00	47.31 2.53 0.00	61.25 3.35 0.00	54.05 2.99 0.00	46.02 2.56 0.00	42.46 2.38 0.00	36.87 2.11 0.00	37.08 2.07 0.00	39.51 2.00 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	46.61 2.13 0.00	35.02 1.67 0.00	33.27 1.64 0.00	31.75 1.66 0.00	30.82 1.59 0.00	34.27 1.58 0.00	31.17 1.45 0.00	30.64 1.33 0.00	28.16 1.25 0.00	30.63 1.30 0.00	40.32 1.79 0.00	33.74 1.53 0.00	33.80 1.60 0.00	35.65 1.78 0.00	36.15 1.95 0.00	36.87 2.05 0.00	47.47 2.69 0.00	61.50 3.60 0.00	54.24 3.19 0.00	46.18 2.72 0.00	42.57 2.49 0.00	36.94 2.18 0.00	37.13 2.12 0.00	39.57 2.06 0.00
POLETTI_____ 23519	46.13 1.65 0.00	34.81 1.45 0.00	33.12 1.50 0.00	31.62 1.52 0.00	30.69 1.45 0.00	34.02 1.35 0.00	31.04 1.32 0.00	30.31 1.00 0.00	27.96 1.05 0.00	30.39 1.06 0.00	40.03 1.50 0.00	33.71 1.50 0.00	33.76 1.56 0.00	35.56 1.68 0.00	36.09 1.89 0.00	36.67 1.85 0.00	46.93 2.15 0.00	60.78 2.89 0.00	53.74 2.68 0.00	45.79 2.33 0.00	42.23 2.15 0.00	36.76 2.00 0.00	36.90 1.90 0.00	39.30 1.79 0.00
POMONA___ESR 323819	46.49 2.01 0.00	34.90 1.55 0.00	33.16 1.54 0.00	31.63 1.54 0.00	30.69 1.45 0.00	34.12 1.44 0.00	31.10 1.38 0.00	30.55 1.24 0.00	28.09 1.17 0.00	30.58 1.25 0.00	40.26 1.73 0.00	33.67 1.46 0.00	33.76 1.56 0.00	35.63 1.75 0.00	36.09 1.89 0.00	36.78 1.96 0.00	47.30 2.51 0.00	61.26 3.36 0.00	54.05 2.99 0.00	46.01 2.55 0.00	42.44 2.36 0.00	36.83 2.08 0.00	37.04 2.03 0.00	39.50 1.99 0.00
PORT_JEFF_3 23555	46.35 1.87 0.00	34.94 1.58 0.00	33.22 1.60 0.00	31.66 1.56 0.00	30.70 1.47 0.00	34.20 1.52 0.00	31.17 1.45 0.00	30.36 1.05 0.00	28.05 1.13 0.00	30.38 1.05 0.00	40.44 1.91 0.00	33.50 1.30 0.00	33.64 1.44 0.00	35.65 1.77 0.00	37.48 2.14 -1.14	37.62 2.27 -0.53	50.04 2.87 -2.39	66.68 3.71 -5.08	58.02 3.26 -3.70	48.33 2.81 -2.06	48.31 2.76 -5.47	44.10 2.61 -6.72	42.46 2.68 -4.78	42.11 2.61 -1.99
PORT_JEFF_4 23616	46.35 1.87 0.00	34.94 1.58 0.00	33.22 1.60 0.00	31.66 1.56 0.00	30.70 1.47 0.00	34.20 1.52 0.00	31.17 1.45 0.00	30.36 1.05 0.00	28.05 1.13 0.00	30.38 1.05 0.00	40.44 1.91 0.00	33.50 1.30 0.00	33.64 1.44 0.00	35.65 1.77 0.00	37.48 2.14 -1.14	37.62 2.27 -0.53	50.04 2.87 -2.39	66.68 3.71 -5.08	58.02 3.26 -3.70	48.33 2.81 -2.06	48.31 2.76 -5.47	44.10 2.61 -6.72	42.46 2.68 -4.78	42.11 2.61 -1.99

PORT_JEFF_IC 23713	46.41 1.93 0.00	34.97 1.61 0.00	33.26 1.63 0.00	31.68 1.59 0.00	30.72 1.49 0.00	34.22 1.54 0.00	31.20 1.48 0.00	30.39 1.08 0.00	28.08 1.17 0.00	30.40 1.07 0.00	40.48 1.95 0.00	33.52 1.32 0.00	33.68 1.48 0.00	35.68 1.81 0.00	37.31 2.17 -0.93	37.58 2.32 -0.43	49.75 3.00 -1.97	65.97 3.90 -4.18	57.54 3.43 -3.04	48.10 2.95 -1.70	48.25 2.87 -5.31	44.11 2.68 -6.68	42.64 2.73 -4.91	42.21 2.67 -2.03
PPL PILGRIM_ST_GT1 24216	46.88 2.40 0.00	35.31 1.95 0.00	33.55 1.92 0.00	31.96 1.87 0.00	31.00 1.76 0.00	34.56 1.88 0.00	31.47 1.75 0.00	30.70 1.40 0.00	28.35 1.44 0.00	30.73 1.40 0.00	40.89 2.36 0.00	33.88 1.68 0.00	33.97 1.77 0.00	35.99 2.11 0.00	37.65 2.46 -0.99	37.91 2.63 -0.46	50.34 3.46 -2.09	66.97 4.64 -4.44	58.38 4.08 -3.24	48.77 3.51 -1.81	48.82 3.25 -5.49	44.54 2.89 -6.89	43.18 2.83 -5.34	42.88 2.75 -2.61
PPL PILGRIM_ST_GT2 24217	46.88 2.40 0.00	35.31 1.95 0.00	33.55 1.92 0.00	31.96 1.87 0.00	31.00 1.76 0.00	34.56 1.88 0.00	31.47 1.75 0.00	30.70 1.40 0.00	28.35 1.44 0.00	30.73 1.40 0.00	40.89 2.36 0.00	33.88 1.68 0.00	33.97 1.77 0.00	35.99 2.11 0.00	37.65 2.46 -0.99	37.91 2.63 -0.46	50.34 3.46 -2.09	66.97 4.64 -4.44	58.38 4.08 -3.24	48.77 3.51 -1.81	48.82 3.25 -5.49	44.54 2.89 -6.89	43.18 2.83 -5.34	42.88 2.75 -2.61
PPL_SHRM_GT3 24213	46.54 2.06 0.00	34.99 1.63 0.00	33.29 1.66 0.00	31.73 1.64 0.00	30.76 1.53 0.00	34.26 1.58 0.00	31.25 1.53 0.00	30.48 1.17 0.00	28.14 1.23 0.00	30.38 1.05 0.00	40.38 1.85 0.00	33.51 1.30 0.00	33.66 1.46 0.00	35.72 1.85 0.00	37.70 2.42 -1.08	37.91 2.58 -0.50	50.56 3.50 -2.28	67.42 4.69 -4.83	58.71 4.13 -3.52	48.95 3.53 -1.96	48.87 3.36 -5.43	44.52 3.04 -6.72	42.94 3.10 -4.84	42.56 3.02 -2.03
PPL_SHRM_GT4 24214	46.54 2.06 0.00	34.99 1.63 0.00	33.29 1.66 0.00	31.73 1.64 0.00	30.76 1.53 0.00	34.26 1.58 0.00	31.25 1.53 0.00	30.48 1.17 0.00	28.14 1.23 0.00	30.38 1.05 0.00	40.38 1.85 0.00	33.51 1.30 0.00	33.66 1.46 0.00	35.72 1.85 0.00	37.70 2.42 -1.08	37.91 2.58 -0.50	50.56 3.50 -2.28	67.42 4.69 -4.83	58.71 4.13 -3.52	48.95 3.53 -1.96	48.87 3.36 -5.43	44.52 3.04 -6.72	42.94 3.10 -4.84	42.56 3.02 -2.03
PROJECT___ORANGE 1 24174	43.75 -0.73 0.00	32.88 -0.48 0.00	31.19 -0.44 0.00	29.67 -0.42 0.00	28.87 -0.36 0.00	32.29 -0.39 0.00	29.39 -0.33 0.00	29.05 -0.26 0.00	26.67 -0.24 0.00	29.10 -0.23 0.00	38.18 -0.35 0.00	31.91 -0.30 0.00	31.86 -0.35 0.00	33.51 -0.37 0.00	33.86 -0.35 0.00	34.50 -0.33 0.00	44.38 -0.40 0.00	57.36 -0.54 0.00	50.58 -0.48 0.00	43.01 -0.46 0.00	39.63 -0.45 0.00	34.35 -0.41 0.00	34.63 -0.38 0.00	37.10 -0.40 0.00
PROJECT___ORANGE 2 24166	43.75 -0.73 0.00	32.88 -0.48 0.00	31.19 -0.44 0.00	29.67 -0.42 0.00	28.87 -0.36 0.00	32.29 -0.39 0.00	29.39 -0.33 0.00	29.05 -0.26 0.00	26.67 -0.24 0.00	29.10 -0.23 0.00	38.18 -0.35 0.00	31.91 -0.30 0.00	31.86 -0.35 0.00	33.51 -0.37 0.00	33.86 -0.35 0.00	34.50 -0.33 0.00	44.38 -0.40 0.00	57.36 -0.54 0.00	50.58 -0.48 0.00	43.01 -0.46 0.00	39.63 -0.45 0.00	34.35 -0.41 0.00	34.63 -0.38 0.00	37.10 -0.40 0.00
PUCKETT___SOLAR 323809	44.31 -0.16 0.00	33.23 -0.13 0.00	31.46 -0.17 0.00	29.93 -0.17 0.00	29.10 -0.13 0.00	32.55 -0.13 0.00	29.63 -0.09 0.00	29.33 0.02 0.00	26.91 0.00 0.00	29.31 -0.02 0.00	38.41 -0.12 0.00	31.89 -0.26 0.06	32.00 -0.21 0.00	33.76 -0.12 0.00	34.07 -0.11 0.03	34.86 0.03 0.00	45.00 0.22 0.00	58.30 0.40 0.00	51.49 0.43 0.00	44.23 0.28 -0.49	40.30 0.22 0.00	34.91 0.15 0.00	35.15 0.15 0.00	37.69 0.18 0.00
PYRITES___HYD 24023	45.75 1.27 0.00	33.92 0.56 0.00	31.96 0.33 0.00	30.29 0.20 0.00	29.38 0.15 0.00	33.03 0.35 0.00	30.18 0.46 0.00	29.84 0.53 0.00	27.47 0.56 0.00	29.96 0.63 0.00	39.32 0.79 0.00	32.77 0.57 0.00	32.68 0.48 0.00	34.28 0.40 0.00	34.52 0.32 0.00	34.89 0.06 0.00	45.07 0.29 0.00	58.32 0.42 0.00	51.39 0.33 0.00	43.87 0.41 0.00	40.65 0.57 0.00	35.29 0.53 0.00	35.46 0.45 0.00	38.09 0.58 0.00
QUAKERRD_115KV_BK1 80622	38.81 -2.94 2.73	29.10 -2.15 2.10	29.12 -2.07 0.45	27.61 -2.06 0.42	26.49 -1.92 0.83	30.74 -1.94 0.00	28.03 -1.69 0.00	27.83 -1.48 0.00	25.54 -1.37 0.00	27.93 -1.40 0.00	36.64 -1.90 0.00	28.27 -1.53 2.41	30.69 -1.51 0.00	30.99 -1.63 1.26	29.49 -1.70 3.01	30.05 -1.76 3.01	40.98 -2.35 1.45	51.71 -3.00 3.18	46.13 -2.73 2.20	38.16 -2.44 2.87	37.84 -2.24 0.00	31.69 -2.05 1.02	33.12 -1.88 0.00	35.84 -1.67 0.00
QUENSBRY_115KV_TB8 356137	47.69 3.21 0.00	35.89 2.54 0.00	33.93 2.30 0.00	32.31 2.22 0.00	31.43 2.20 0.00	35.07 2.39 0.00	31.87 2.15 0.00	31.40 2.09 0.00	28.83 1.92 0.00	31.42 2.09 0.00	41.42 2.89 0.00	34.64 2.44 0.00	34.75 2.55 0.00	36.60 2.72 0.00	37.02 2.82 0.00	37.74 2.91 0.00	48.68 3.91 0.00	62.75 4.86 0.00	55.31 4.25 0.00	46.98 3.52 0.00	43.26 3.18 0.00	37.51 2.75 0.00	37.77 2.76 0.00	40.29 2.78 0.00
RAMAPO___LBMP 323565	46.33 1.85 0.00	34.80 1.44 0.00	33.05 1.42 0.00	31.52 1.43 0.00	30.60 1.36 0.00	34.01 1.33 0.00	31.00 1.28 0.00	30.45 1.15 0.00	28.00 1.09 0.00	30.48 1.15 0.00	40.12 1.59 0.00	33.55 1.35 0.00	33.64 1.44 0.00	35.49 1.61 0.00	35.94 1.74 0.00	36.63 1.80 0.00	47.11 2.33 0.00	61.03 3.14 0.00	53.84 2.78 0.00	45.83 2.37 0.00	42.26 2.19 0.00	36.68 1.92 0.00	36.89 1.88 0.00	39.35 1.84 0.00
RANKINE____ 23646	32.04 -4.10 8.34	23.88 -3.04 6.44	27.29 -2.97 1.36	25.83 -2.98 1.29	23.95 -2.75 2.54	29.94 -2.74 0.00	27.30 -2.42 0.00	27.28 -2.03 0.00	24.97 -1.94 0.00	27.32 -2.01 0.00	35.81 -2.72 0.00	22.58 -2.13 7.49	30.05 -2.15 0.00	27.72 -2.31 3.84	22.52 -2.40 9.28	23.09 -2.53 9.21	36.79 -3.55 4.44	43.58 -4.57 9.74	40.22 -4.12 6.72	29.89 -3.65 9.92	36.78 -3.29 0.00	28.69 -2.95 3.12	32.46 -2.55 0.00	35.60 -1.91 0.00
RAVENSWOOD_GT2_1 24244	46.72 2.24 0.00	35.05 1.69 0.00	33.27 1.65 0.00	31.77 1.68 0.00	30.83 1.60 0.00	34.21 1.53 0.00	31.23 1.51 0.00	30.65 1.34 0.00	28.24 1.33 0.00	30.71 1.38 0.00	40.45 1.92 0.00	33.85 1.65 0.00	33.99 1.79 0.00	35.84 1.96 0.00	36.33 2.13 0.00	37.00 2.17 0.00	47.48 2.70 0.00	61.44 3.55 0.00	54.23 3.17 0.00	46.20 2.74 0.00	42.64 2.56 0.00	37.05 2.29 0.00	37.24 2.23 0.00	39.67 2.16 0.00
RAVENSWOOD_GT2_2 24245	46.72 2.24 0.00	35.05 1.69 0.00	33.27 1.65 0.00	31.77 1.68 0.00	30.83 1.60 0.00	34.21 1.53 0.00	31.23 1.51 0.00	30.65 1.34 0.00	28.24 1.33 0.00	30.71 1.38 0.00	40.45 1.92 0.00	33.85 1.65 0.00	33.99 1.79 0.00	35.84 1.96 0.00	36.33 2.13 0.00	37.00 2.17 0.00	47.48 2.70 0.00	61.44 3.55 0.00	54.23 3.17 0.00	46.20 2.74 0.00	42.64 2.56 0.00	37.05 2.29 0.00	37.24 2.23 0.00	39.67 2.16 0.00



RAVENSWOOD_GT2_3 24246	46.74 2.26 0.00	35.07 1.71 0.00	33.28 1.66 0.00	31.78 1.68 0.00	30.85 1.62 0.00	34.21 1.53 0.00	31.24 1.52 0.00	30.67 1.36 0.00	28.25 1.34 0.00	30.74 1.41 0.00	40.47 1.94 0.00	33.87 1.67 0.00	34.00 1.80 0.00	35.86 1.98 0.00	36.34 2.14 0.00	37.02 2.20 0.00	47.50 2.72 0.00	61.47 3.58 0.00	54.24 3.18 0.00	46.22 2.76 0.00	42.66 2.58 0.00	37.06 2.30 0.00	37.26 2.25 0.00	39.67 2.16 0.00
RAVENSWOOD_GT2_4 24247	46.74 2.26 0.00	35.07 1.71 0.00	33.28 1.66 0.00	31.78 1.68 0.00	30.85 1.62 0.00	34.21 1.53 0.00	31.24 1.52 0.00	30.67 1.36 0.00	28.25 1.34 0.00	30.74 1.41 0.00	40.47 1.94 0.00	33.87 1.67 0.00	34.00 1.80 0.00	35.86 1.98 0.00	36.34 2.14 0.00	37.02 2.20 0.00	47.50 2.72 0.00	61.47 3.58 0.00	54.24 3.18 0.00	46.22 2.76 0.00	42.66 2.58 0.00	37.06 2.30 0.00	37.26 2.25 0.00	39.67 2.16 0.00
RAVENSWOOD_GT3_1 24248	46.72 2.24 0.00	35.05 1.69 0.00	33.27 1.65 0.00	31.77 1.68 0.00	30.83 1.60 0.00	34.21 1.53 0.00	31.23 1.51 0.00	30.65 1.34 0.00	28.24 1.33 0.00	30.71 1.38 0.00	40.45 1.92 0.00	33.85 1.65 0.00	33.99 1.79 0.00	35.84 1.96 0.00	36.33 2.13 0.00	37.01 2.18 0.00	47.48 2.70 0.00	61.45 3.55 0.00	54.23 3.17 0.00	46.20 2.74 0.00	42.64 2.56 0.00	37.05 2.29 0.00	37.24 2.23 0.00	39.67 2.16 0.00
RAVENSWOOD_GT3_2 24249	46.72 2.24 0.00	35.05 1.69 0.00	33.27 1.65 0.00	31.77 1.68 0.00	30.83 1.60 0.00	34.21 1.53 0.00	31.23 1.51 0.00	30.65 1.34 0.00	28.24 1.33 0.00	30.71 1.38 0.00	40.45 1.92 0.00	33.85 1.65 0.00	33.99 1.79 0.00	35.84 1.96 0.00	36.33 2.13 0.00	37.01 2.18 0.00	47.48 2.70 0.00	61.45 3.55 0.00	54.23 3.17 0.00	46.20 2.74 0.00	42.64 2.56 0.00	37.05 2.29 0.00	37.24 2.23 0.00	39.67 2.16 0.00
RAVENSWOOD_GT3_3 24250	46.78 2.30 0.00	35.10 1.74 0.00	33.31 1.68 0.00	31.81 1.71 0.00	30.87 1.64 0.00	34.24 1.56 0.00	31.27 1.55 0.00	30.70 1.38 0.00	28.28 1.37 0.00	30.77 1.43 0.00	40.51 1.98 0.00	33.91 1.70 0.00	34.03 1.83 0.00	35.89 2.01 0.00	36.38 2.18 0.00	37.06 2.23 0.00	47.55 2.77 0.00	61.54 3.64 0.00	54.30 3.24 0.00	46.27 2.81 0.00	42.70 2.62 0.00	37.09 2.33 0.00	37.29 2.28 0.00	39.71 2.20 0.00
RAVENSWOOD_GT3_4 24251	46.78 2.30 0.00	35.10 1.74 0.00	33.31 1.68 0.00	31.81 1.71 0.00	30.87 1.64 0.00	34.24 1.56 0.00	31.27 1.55 0.00	30.70 1.38 0.00	28.28 1.37 0.00	30.77 1.43 0.00	40.51 1.98 0.00	33.91 1.70 0.00	34.03 1.83 0.00	35.89 2.01 0.00	36.38 2.18 0.00	37.06 2.23 0.00	47.55 2.77 0.00	61.54 3.64 0.00	54.30 3.24 0.00	46.27 2.81 0.00	42.70 2.62 0.00	37.09 2.33 0.00	37.29 2.28 0.00	39.71 2.20 0.00
RAVENSWOOD_GT_1 23729	46.75 2.27 0.00	35.06 1.70 0.00	33.27 1.64 0.00	31.78 1.68 0.00	30.85 1.61 0.00	34.19 1.51 0.00	31.22 1.50 0.00	30.66 1.35 0.00	28.27 1.36 0.00	30.75 1.42 0.00	40.47 1.94 0.00	33.92 1.71 0.00	34.01 1.81 0.00	35.87 1.99 0.00	36.37 2.17 0.00	37.04 2.22 0.00	47.48 2.70 0.00	61.42 3.53 0.00	54.24 3.18 0.00	46.25 2.79 0.00	42.67 2.59 0.00	37.10 2.34 0.00	37.25 2.25 0.00	39.67 2.17 0.00
RAVENSWOOD_GT_10 24258	46.72 2.24 0.00	35.06 1.70 0.00	33.27 1.65 0.00	31.77 1.68 0.00	30.83 1.60 0.00	34.21 1.53 0.00	31.23 1.51 0.00	30.65 1.34 0.00	28.24 1.33 0.00	30.71 1.38 0.00	40.45 1.92 0.00	33.85 1.65 0.00	33.99 1.79 0.00	35.84 1.96 0.00	36.33 2.13 0.00	37.01 2.18 0.00	47.48 2.70 0.00	61.46 3.56 0.00	54.23 3.17 0.00	46.20 2.74 0.00	42.64 2.56 0.00	37.05 2.29 0.00	37.24 2.24 0.00	39.67 2.16 0.00
RAVENSWOOD_GT_11 24259	46.72 2.24 0.00	35.06 1.70 0.00	33.27 1.65 0.00	31.77 1.68 0.00	30.83 1.60 0.00	34.21 1.53 0.00	31.23 1.51 0.00	30.65 1.34 0.00	28.24 1.33 0.00	30.71 1.38 0.00	40.45 1.92 0.00	33.85 1.65 0.00	33.99 1.79 0.00	35.84 1.96 0.00	36.33 2.13 0.00	37.01 2.18 0.00	47.48 2.70 0.00	61.46 3.56 0.00	54.23 3.17 0.00	46.20 2.74 0.00	42.64 2.56 0.00	37.05 2.29 0.00	37.24 2.24 0.00	39.67 2.16 0.00
RAVENSWOOD_GT_4 24252	46.72 2.24 0.00	35.04 1.69 0.00	33.26 1.64 0.00	31.77 1.67 0.00	30.83 1.60 0.00	34.19 1.51 0.00	31.22 1.50 0.00	30.65 1.34 0.00	28.24 1.33 0.00	30.71 1.38 0.00	40.44 1.91 0.00	33.86 1.66 0.00	33.98 1.78 0.00	35.84 1.96 0.00	36.33 2.13 0.00	37.01 2.18 0.00	47.46 2.68 0.00	61.42 3.52 0.00	54.21 3.15 0.00	46.20 2.74 0.00	42.63 2.55 0.00	37.05 2.29 0.00	37.23 2.23 0.00	39.65 2.14 0.00
RAVENSWOOD_GT_5 24254	46.72 2.24 0.00	35.04 1.69 0.00	33.26 1.64 0.00	31.77 1.67 0.00	30.83 1.60 0.00	34.19 1.51 0.00	31.22 1.50 0.00	30.65 1.34 0.00	28.24 1.33 0.00	30.71 1.38 0.00	40.44 1.91 0.00	33.86 1.66 0.00	33.98 1.78 0.00	35.84 1.96 0.00	36.33 2.13 0.00	37.01 2.18 0.00	47.46 2.68 0.00	61.42 3.52 0.00	54.21 3.15 0.00	46.20 2.74 0.00	42.63 2.55 0.00	37.05 2.29 0.00	37.23 2.23 0.00	39.65 2.14 0.00
RAVENSWOOD_GT_6 24253	46.72 2.24 0.00	35.04 1.69 0.00	33.26 1.64 0.00	31.77 1.67 0.00	30.83 1.60 0.00	34.19 1.51 0.00	31.22 1.50 0.00	30.65 1.34 0.00	28.24 1.33 0.00	30.71 1.38 0.00	40.44 1.91 0.00	33.86 1.66 0.00	33.98 1.78 0.00	35.84 1.96 0.00	36.33 2.13 0.00	37.01 2.18 0.00	47.46 2.68 0.00	61.42 3.52 0.00	54.21 3.15 0.00	46.20 2.74 0.00	42.63 2.55 0.00	37.05 2.29 0.00	37.23 2.23 0.00	39.65 2.14 0.00
RAVENSWOOD_GT_7 24255	46.72 2.24 0.00	35.04 1.69 0.00	33.26 1.64 0.00	31.77 1.67 0.00	30.83 1.60 0.00	34.19 1.51 0.00	31.22 1.50 0.00	30.65 1.34 0.00	28.24 1.33 0.00	30.71 1.38 0.00	40.44 1.91 0.00	33.86 1.66 0.00	33.98 1.78 0.00	35.84 1.96 0.00	36.33 2.13 0.00	37.01 2.18 0.00	47.46 2.68 0.00	61.42 3.52 0.00	54.21 3.15 0.00	46.20 2.74 0.00	42.63 2.55 0.00	37.05 2.29 0.00	37.23 2.23 0.00	39.65 2.14 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	46.72 2.24 0.00	35.06 1.70 0.00	33.27 1.65 0.00	31.77 1.68 0.00	30.83 1.60 0.00	34.21 1.53 0.00	31.23 1.51 0.00	30.65 1.34 0.00	28.24 1.33 0.00	30.71 1.38 0.00	40.45 1.92 0.00	33.85 1.65 0.00	33.99 1.79 0.00	35.84 1.96 0.00	36.33 2.13 0.00	37.01 2.18 0.00	47.48 2.70 0.00	61.46 3.56 0.00	54.23 3.17 0.00	46.20 2.74 0.00	42.64 2.56 0.00	37.05 2.29 0.00	37.24 2.24 0.00	39.67 2.16 0.00
RAVENSWOOD_GT_9 24257	46.72 2.24 0.00	35.06 1.70 0.00	33.27 1.65 0.00	31.77 1.68 0.00	30.83 1.60 0.00	34.21 1.53 0.00	31.23 1.51 0.00	30.65 1.34 0.00	28.24 1.33 0.00	30.71 1.38 0.00	40.45 1.92 0.00	33.85 1.65 0.00	33.99 1.79 0.00	35.84 1.96 0.00	36.33 2.13 0.00	37.01 2.18 0.00	47.48 2.70 0.00	61.46 3.56 0.00	54.23 3.17 0.00	46.20 2.74 0.00	42.64 2.56 0.00	37.05 2.29 0.00	37.24 2.24 0.00	39.67 2.16 0.00

RAVENSWOOD___1 23533	46.72 2.24 0.00	35.04 1.68 0.00	33.26 1.63 0.00	31.77 1.67 0.00	30.83 1.60 0.00	34.17 1.49 0.00	31.21 1.49 0.00	30.65 1.34 0.00	28.26 1.35 0.00	30.73 1.40 0.00	40.45 1.92 0.00	33.91 1.70 0.00	33.98 1.78 0.00	35.85 1.98 0.00	36.37 2.16 0.00	37.03 2.20 0.00	47.45 2.66 0.00	61.39 3.49 0.00	54.22 3.16 0.00	46.22 2.76 0.00	42.65 2.57 0.00	37.07 2.31 0.00	37.22 2.22 0.00	39.65 2.14 0.00
RAVENSWOOD___2 23534	46.69 2.21 0.00	35.02 1.67 0.00	33.24 1.61 0.00	31.74 1.65 0.00	30.81 1.58 0.00	34.16 1.48 0.00	31.20 1.48 0.00	30.63 1.32 0.00	28.24 1.33 0.00	30.72 1.39 0.00	40.42 1.89 0.00	33.89 1.68 0.00	33.97 1.77 0.00	35.83 1.95 0.00	36.35 2.15 0.00	37.01 2.18 0.00	47.42 2.64 0.00	61.36 3.47 0.00	54.18 3.12 0.00	46.20 2.74 0.00	42.63 2.55 0.00	37.05 2.29 0.00	37.21 2.20 0.00	39.63 2.12 0.00
RAVENSWOOD___3 23535	46.72 2.24 0.00	35.05 1.69 0.00	33.27 1.65 0.00	31.77 1.68 0.00	30.83 1.60 0.00	34.21 1.53 0.00	31.23 1.51 0.00	30.65 1.34 0.00	28.24 1.33 0.00	30.71 1.38 0.00	40.45 1.92 0.00	33.86 1.66 0.00	33.99 1.78 0.00	35.84 1.96 0.00	36.34 2.13 0.00	37.01 2.18 0.00	47.48 2.70 0.00	61.45 3.56 0.00	54.23 3.18 0.00	46.21 2.75 0.00	42.64 2.56 0.00	37.05 2.29 0.00	37.24 2.23 0.00	39.67 2.16 0.00
RAVENSWOOD___4 23820	46.69 2.21 0.00	35.02 1.67 0.00	33.24 1.61 0.00	31.74 1.65 0.00	30.81 1.58 0.00	34.16 1.48 0.00	31.20 1.48 0.00	30.63 1.32 0.00	28.24 1.33 0.00	30.72 1.39 0.00	40.42 1.89 0.00	33.89 1.68 0.00	33.97 1.77 0.00	35.83 1.95 0.00	36.35 2.15 0.00	37.01 2.18 0.00	47.42 2.64 0.00	61.36 3.47 0.00	54.18 3.12 0.00	46.20 2.74 0.00	42.63 2.55 0.00	37.05 2.29 0.00	37.21 2.20 0.00	39.63 2.12 0.00
RCPL_TRUST___DRP 24196	46.72 2.24 0.00	35.05 1.70 0.00	33.27 1.64 0.00	31.72 1.62 0.00	30.78 1.55 0.00	34.24 1.56 0.00	31.17 1.45 0.00	30.60 1.29 0.00	28.17 1.26 0.00	30.74 1.41 0.00	40.46 1.93 0.00	33.84 1.64 0.00	33.99 1.79 0.00	35.82 1.95 0.00	36.33 2.12 0.00	37.00 2.18 0.00	47.49 2.71 0.00	61.43 3.54 0.00	54.18 3.12 0.00	46.17 2.71 0.00	42.62 2.54 0.00	37.04 2.28 0.00	37.25 2.24 0.00	39.66 2.16 0.00
RED___ROCHESTER 323720	38.23 -2.08 4.18	28.60 -1.53 3.22	29.45 -1.50 0.68	27.90 -1.54 0.64	26.57 -1.40 1.27	31.37 -1.31 0.00	28.62 -1.10 0.00	28.47 -0.84 0.00	26.12 -0.79 0.00	28.59 -0.74 0.00	37.52 -1.00 0.00	27.76 -0.76 3.69	31.50 -0.70 0.00	31.15 -0.80 1.93	28.71 -0.87 4.62	29.27 -0.94 4.61	41.29 -1.26 2.22	51.46 -1.55 4.88	46.23 -1.46 3.37	38.20 -1.40 3.86	38.81 -1.27 0.00	31.94 -1.26 1.56	33.97 -1.04 0.00	36.82 -0.69 0.00
REGAN___SOLAR 323812	45.84 1.37 0.00	34.27 0.91 0.00	32.50 0.87 0.00	30.90 0.81 0.00	29.98 0.74 0.00	33.53 0.85 0.00	30.53 0.81 0.00	30.09 0.78 0.00	27.46 0.55 0.00	29.55 0.22 0.00	38.60 0.07 0.00	32.51 0.30 0.00	32.65 0.45 0.00	34.47 0.59 0.00	34.77 0.57 0.00	35.90 1.08 0.00	46.48 1.70 0.00	60.24 2.34 0.00	53.09 2.03 0.00	45.24 1.78 0.00	41.60 1.53 0.00	35.96 1.20 0.00	36.10 1.10 0.00	38.69 1.18 0.00
RENSSELAER___COGEN 23796	45.33 0.86 0.00	34.35 1.00 0.00	32.64 1.01 0.00	31.10 1.00 0.00	30.20 0.97 0.00	33.67 0.99 0.00	30.57 0.85 0.00	30.06 0.75 0.00	27.47 0.56 0.00	29.86 0.53 0.00	39.21 0.68 0.00	32.85 0.64 0.00	32.89 0.69 0.00	34.70 0.82 0.00	35.04 0.83 0.00	35.66 0.83 0.00	45.62 0.84 0.00	58.82 0.93 0.00	51.89 0.83 0.00	44.25 0.79 0.00	40.81 0.73 0.00	35.49 0.73 0.00	35.73 0.73 0.00	38.21 0.70 0.00
REPUBLIC_115KV_BARTNBRK 55605	49.81 5.33 0.00	37.59 4.23 0.00	35.23 3.61 0.00	33.59 3.50 0.00	32.77 3.53 0.00	36.54 3.86 0.00	33.20 3.48 0.00	32.66 3.35 0.00	30.00 3.09 0.00	33.01 3.68 0.00	43.66 5.13 0.00	36.39 4.19 0.00	36.75 4.55 0.00	38.48 4.60 0.00	39.03 4.83 0.00	39.81 4.98 0.00	51.66 6.88 0.00	66.30 8.41 0.00	58.36 7.30 0.00	49.47 6.01 0.00	45.33 5.25 0.00	39.29 4.53 0.00	39.62 4.61 0.00	42.03 4.52 0.00
REVERE_CPPR_DRP 24186	45.20 0.72 0.00	33.93 0.58 0.00	32.20 0.57 0.00	30.60 0.51 0.00	29.74 0.51 0.00	33.29 0.61 0.00	30.37 0.65 0.00	30.01 0.70 0.00	27.57 0.66 0.00	30.13 0.80 0.00	39.54 1.01 0.00	33.07 0.86 0.00	32.94 0.73 0.00	34.56 0.68 0.00	35.01 0.80 0.00	35.73 0.90 0.00	46.23 1.45 0.00	59.82 1.93 0.00	52.66 1.60 0.00	44.80 1.34 0.00	41.17 1.09 0.00	35.62 0.86 0.00	35.77 0.76 0.00	38.30 0.79 0.00
REYNLDPA_13_KV_LD 356490	45.06 0.59 0.00	33.48 0.12 0.00	31.60 -0.03 0.00	30.00 -0.09 0.00	29.10 -0.13 0.00	32.67 -0.01 0.00	29.78 0.06 0.00	29.39 0.08 0.00	27.03 0.12 0.00	29.47 0.14 0.00	38.74 0.21 0.00	32.35 0.14 0.00	32.34 0.14 0.00	33.95 0.07 0.00	34.21 0.01 0.00	34.77 -0.06 0.00	44.77 -0.01 0.00	57.92 0.02 0.00	51.07 0.01 0.00	43.48 0.02 0.00	40.17 0.09 0.00	34.79 0.03 0.00	35.00 -0.01 0.00	37.62 0.10 0.00
REYNOLDS_115KV_TB3 80639	45.71 1.23 0.00	34.55 1.19 0.00	32.83 1.20 0.00	31.27 1.18 0.00	30.37 1.13 0.00	33.86 1.18 0.00	30.75 1.03 0.00	30.25 0.95 0.00	27.69 0.77 0.00	30.11 0.78 0.00	39.55 1.02 0.00	33.12 0.91 0.00	33.17 0.97 0.00	34.98 1.11 0.00	35.33 1.13 0.00	35.92 1.09 0.00	45.91 1.13 0.00	59.21 1.31 0.00	52.22 1.16 0.00	44.51 1.05 0.00	41.06 0.98 0.00	35.70 0.94 0.00	35.94 0.93 0.00	38.47 0.96 0.00
RIVERBAY____ 323610	47.37 2.90 0.00	35.66 2.30 0.00	33.80 2.17 0.00	32.29 2.20 0.00	31.33 2.10 0.00	34.80 2.12 0.00	31.76 2.04 0.00	31.17 1.86 0.00	28.75 1.83 0.00	31.24 1.91 0.00	41.11 2.58 0.00	34.51 2.31 0.00	34.56 2.36 0.00	36.46 2.58 0.00	36.98 2.78 0.00	37.66 2.83 0.00	48.33 3.55 0.00	62.60 4.71 0.00	55.33 4.27 0.00	47.12 3.66 0.00	43.43 3.35 0.00	37.76 3.00 0.00	37.85 2.84 0.00	40.42 2.91 0.00
RIVERSDE_115KV_TB3 55908	45.56 1.08 0.00	34.48 1.13 0.00	32.76 1.14 0.00	31.21 1.11 0.00	30.31 1.08 0.00	33.80 1.12 0.00	30.69 0.97 0.00	30.19 0.88 0.00	27.60 0.68 0.00	30.00 0.67 0.00	39.41 0.88 0.00	33.01 0.81 0.00	33.06 0.86 0.00	34.87 0.99 0.00	35.22 1.02 0.00	35.82 0.99 0.00	45.81 1.03 0.00	59.06 1.17 0.00	52.11 1.05 0.00	44.41 0.95 0.00	40.97 0.89 0.00	35.62 0.86 0.00	35.86 0.86 0.00	38.37 0.86 0.00
ROARING___BROOK_WT_PWR 323790	43.36 -1.12 0.00	32.37 -0.99 0.00	30.70 -0.93 0.00	29.29 -0.81 0.00	28.42 -0.82 0.00	31.87 -0.81 0.00	29.09 -0.63 0.00	28.71 -0.60 0.00	26.34 -0.58 0.00	28.79 -0.54 0.00	37.93 -0.60 0.00	31.69 -0.51 0.00	31.69 -0.51 0.00	33.20 -0.69 0.00	33.33 -0.88 0.00	33.86 -0.97 0.00	43.84 -0.94 0.00	56.62 -1.28 0.00	50.06 -1.00 0.00	42.86 -0.60 0.00	39.19 -0.89 0.00	33.92 -0.84 0.00	34.17 -0.84 0.00	36.65 -0.86 0.00

ROCHESRG_115KV_T4 355643	37.89 -2.51 4.08	28.37 -1.84 3.15	29.18 -1.78 0.67	27.65 -1.81 0.63	26.33 -1.66 1.24	31.05 -1.63 0.00	28.32 -1.40 0.00	28.17 -1.14 0.00	25.84 -1.08 0.00	28.26 -1.08 0.00	37.07 -1.46 0.00	27.47 -1.13 3.61	31.09 -1.12 0.00	30.76 -1.23 1.88	28.38 -1.31 4.51	28.91 -1.41 4.51	40.70 -1.91 2.17	50.69 -2.43 4.77	45.54 -2.23 3.29	37.29 -2.03 4.14	38.24 -1.84 0.00	31.52 -1.72 1.53	33.53 -1.48 0.00	36.39 -1.12 0.00
ROCHESTER_9_IC 23652	38.05 -2.25 4.18	28.48 -1.65 3.23	29.32 -1.62 0.68	27.80 -1.65 0.64	26.47 -1.50 1.27	31.25 -1.43 0.00	28.51 -1.21 0.00	28.35 -0.95 0.00	26.01 -0.90 0.00	28.46 -0.87 0.00	37.34 -1.19 0.00	27.62 -0.90 3.69	31.34 -0.86 0.00	30.97 -0.98 1.93	28.55 -1.04 4.62	29.09 -1.12 4.62	41.03 -1.52 2.23	51.12 -1.89 4.89	45.92 -1.77 3.37	37.95 -1.64 3.87	38.59 -1.49 0.00	31.75 -1.44 1.57	33.80 -1.21 0.00	36.66 -0.85 0.00
ROCKVIEW_13_KV_LD 356306	46.75 2.28 0.00	35.10 1.74 0.00	33.32 1.70 0.00	31.78 1.69 0.00	30.86 1.62 0.00	34.29 1.61 0.00	31.23 1.51 0.00	30.67 1.36 0.00	28.22 1.31 0.00	30.73 1.40 0.00	40.49 1.95 0.00	33.85 1.64 0.00	33.98 1.78 0.00	35.83 1.96 0.00	36.32 2.11 0.00	37.01 2.18 0.00	47.53 2.75 0.00	61.55 3.66 0.00	54.30 3.24 0.00	46.24 2.78 0.00	42.67 2.59 0.00	37.06 2.30 0.00	37.27 2.26 0.00	39.70 2.18 0.00
ROME____115KV_TB2 80656	45.20 0.72 0.00	33.93 0.58 0.00	32.20 0.57 0.00	30.60 0.51 0.00	29.74 0.51 0.00	33.29 0.61 0.00	30.37 0.65 0.00	30.01 0.70 0.00	27.57 0.66 0.00	30.13 0.80 0.00	39.54 1.01 0.00	33.07 0.86 0.00	32.94 0.73 0.00	34.56 0.68 0.00	35.01 0.80 0.00	35.73 0.90 0.00	46.23 1.45 0.00	59.82 1.93 0.00	52.66 1.60 0.00	44.80 1.34 0.00	41.17 1.09 0.00	35.62 0.86 0.00	35.77 0.76 0.00	38.30 0.79 0.00
ROSETON___1 23587	46.19 1.71 0.00	34.71 1.35 0.00	32.98 1.36 0.00	31.47 1.37 0.00	30.54 1.31 0.00	33.96 1.28 0.00	30.90 1.18 0.00	30.35 1.05 0.00	27.92 1.00 0.00	30.38 1.05 0.00	40.00 1.47 0.00	33.45 1.24 0.00	33.53 1.33 0.00	35.37 1.49 0.00	35.83 1.62 0.00	36.51 1.68 0.00	46.91 2.13 0.00	60.72 2.82 0.00	53.56 2.50 0.00	45.62 2.16 0.00	42.08 2.00 0.00	36.53 1.77 0.00	36.74 1.73 0.00	39.19 1.68 0.00
ROSETON___2 23588	46.19 1.71 0.00	34.71 1.35 0.00	32.98 1.36 0.00	31.47 1.37 0.00	30.54 1.31 0.00	33.96 1.28 0.00	30.90 1.18 0.00	30.35 1.05 0.00	27.92 1.00 0.00	30.38 1.05 0.00	40.00 1.47 0.00	33.45 1.24 0.00	33.53 1.33 0.00	35.37 1.49 0.00	35.83 1.62 0.00	36.51 1.68 0.00	46.91 2.13 0.00	60.72 2.82 0.00	53.56 2.50 0.00	45.62 2.16 0.00	42.08 2.00 0.00	36.53 1.77 0.00	36.74 1.73 0.00	39.19 1.68 0.00
ROTRRDAM_115KV_TB3 80664	45.78 1.30 0.00	34.42 1.06 0.00	32.69 1.06 0.00	31.12 1.03 0.00	30.23 0.99 0.00	33.73 1.05 0.00	30.64 0.92 0.00	30.19 0.88 0.00	27.69 0.78 0.00	30.12 0.79 0.00	39.58 1.05 0.00	33.13 0.93 0.00	33.18 0.98 0.00	34.94 1.07 0.00	35.34 1.14 0.00	36.01 1.18 0.00	46.30 1.52 0.00	59.82 1.92 0.00	52.74 1.68 0.00	44.89 1.43 0.00	41.39 1.31 0.00	35.90 1.14 0.00	36.13 1.12 0.00	38.66 1.16 0.00
RUSSELL___1 23602	38.22 -2.08 4.18	28.60 -1.53 3.22	29.45 -1.50 0.68	27.90 -1.54 0.64	26.57 -1.40 1.27	31.37 -1.31 0.00	28.62 -1.10 0.00	28.47 -0.84 0.00	26.12 -0.79 0.00	28.59 -0.74 0.00	37.52 -1.01 0.00	27.77 -0.75 3.69	31.50 -0.70 0.00	31.15 -0.80 1.93	28.72 -0.86 4.62	29.28 -0.93 4.61	41.30 -1.26 2.22	51.48 -1.53 4.88	46.24 -1.45 3.37	38.20 -1.40 3.86	38.81 -1.27 0.00	31.94 -1.26 1.56	33.97 -1.04 0.00	36.83 -0.68 0.00
RUSSELL___2 23532	38.22 -2.08 4.18	28.60 -1.53 3.22	29.45 -1.50 0.68	27.90 -1.54 0.64	26.57 -1.40 1.27	31.37 -1.31 0.00	28.62 -1.10 0.00	28.47 -0.84 0.00	26.12 -0.79 0.00	28.59 -0.74 0.00	37.52 -1.01 0.00	27.77 -0.75 3.69	31.50 -0.70 0.00	31.15 -0.80 1.93	28.72 -0.86 4.62	29.28 -0.93 4.61	41.30 -1.26 2.22	51.48 -1.53 4.88	46.24 -1.45 3.37	38.20 -1.40 3.86	38.81 -1.27 0.00	31.94 -1.26 1.56	33.97 -1.04 0.00	36.83 -0.68 0.00
RUSSELL___3 23549	38.22 -2.08 4.18	28.60 -1.53 3.22	29.45 -1.50 0.68	27.90 -1.54 0.64	26.57 -1.40 1.27	31.37 -1.31 0.00	28.62 -1.10 0.00	28.47 -0.84 0.00	26.12 -0.79 0.00	28.59 -0.74 0.00	37.52 -1.01 0.00	27.77 -0.75 3.69	31.50 -0.70 0.00	31.15 -0.80 1.93	28.72 -0.86 4.62	29.28 -0.93 4.61	41.30 -1.26 2.22	51.48 -1.53 4.88	46.24 -1.45 3.37	38.20 -1.40 3.86	38.81 -1.27 0.00	31.94 -1.26 1.56	33.97 -1.04 0.00	36.83 -0.68 0.00
RUSSELL___4 23556	38.22 -2.08 4.18	28.60 -1.53 3.22	29.45 -1.50 0.68	27.90 -1.54 0.64	26.57 -1.40 1.27	31.37 -1.31 0.00	28.62 -1.10 0.00	28.47 -0.84 0.00	26.12 -0.79 0.00	28.59 -0.74 0.00	37.52 -1.01 0.00	27.77 -0.75 3.69	31.50 -0.70 0.00	31.15 -0.80 1.93	28.72 -0.86 4.62	29.28 -0.93 4.61	41.30 -1.26 2.22	51.48 -1.53 4.88	46.24 -1.45 3.37	38.20 -1.40 3.86	38.81 -1.27 0.00	31.94 -1.26 1.56	33.97 -1.04 0.00	36.83 -0.68 0.00
RUSSELL___STATION 23914	38.22 -2.08 4.18	28.60 -1.53 3.22	29.45 -1.50 0.68	27.90 -1.54 0.64	26.57 -1.40 1.27	31.37 -1.31 0.00	28.62 -1.10 0.00	28.47 -0.84 0.00	26.12 -0.79 0.00	28.59 -0.74 0.00	37.52 -1.01 0.00	27.77 -0.75 3.69	31.50 -0.70 0.00	31.15 -0.80 1.93	28.72 -0.86 4.62	29.28 -0.93 4.61	41.30 -1.26 2.22	51.48 -1.53 4.88	46.24 -1.45 3.37	38.20 -1.40 3.86	38.81 -1.27 0.00	31.94 -1.26 1.56	33.97 -1.04 0.00	36.83 -0.68 0.00
S SALMON___HYD 24043	42.95 -1.53 0.00	32.27 -1.08 0.00	30.60 -1.03 0.00	29.11 -0.99 0.00	28.30 -0.93 0.00	31.67 -1.01 0.00	28.88 -0.84 0.00	28.59 -0.72 0.00	26.24 -0.68 0.00	28.75 -0.58 0.00	37.67 -0.86 0.00	31.49 -0.71 0.00	31.41 -0.79 0.00	32.94 -0.94 0.00	33.24 -0.96 0.00	33.88 -0.94 0.00	43.75 -1.03 0.00	56.53 -1.36 0.00	49.84 -1.21 0.00	42.43 -1.03 0.00	39.02 -1.06 0.00	33.78 -0.98 0.00	33.90 -1.10 0.00	36.31 -1.20 0.00
S.PERRY__115KV_TB1 80734	28.95 -2.33 13.20	21.41 -1.76 10.19	27.73 -1.75 2.16	26.30 -1.76 2.04	23.67 -1.55 4.01	31.21 -1.46 0.00	28.55 -1.17 0.00	28.51 -0.80 0.00	26.04 -0.87 0.00	28.39 -0.94 0.00	36.95 -1.58 0.00	19.74 -1.41 11.05	30.97 -1.24 0.00	26.55 -1.25 6.08	18.66 -1.23 14.31	19.06 -1.19 14.58	36.35 -1.41 7.03	40.87 -1.60 15.42	38.98 -1.44 10.64	38.70 -1.31 3.46	38.90 -1.18 0.00	28.65 -1.17 4.94	34.03 -0.97 0.00	36.90 -0.60 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	32.78 -4.28 7.42	24.46 -3.16 5.73	27.31 -3.10 1.21	25.84 -3.11 1.15	24.10 -2.88 2.26	29.80 -2.88 0.00	27.18 -2.54 0.00	27.16 -2.15 0.00	24.86 -2.05 0.00	27.21 -2.12 0.00	35.66 -2.87 0.00	23.30 -2.23 6.67	29.95 -2.25 0.00	28.01 -2.44 3.42	23.40 -2.55 8.26	23.93 -2.70 8.20	37.03 -3.80 3.95	44.27 -4.95 8.67	40.61 -4.47 5.98	30.84 -3.94 8.69	36.52 -3.56 0.00	28.78 -3.20 2.78	32.25 -2.76 0.00	35.42 -2.09 0.00

SAWYER___23_KV_LOAD 55526	32.78 -4.28 7.42	24.46 -3.16 5.73	27.31 -3.10 1.21	25.84 -3.11 1.15	24.10 -2.88 2.26	29.80 -2.88 0.00	27.18 -2.54 0.00	27.16 -2.15 0.00	24.86 -2.05 0.00	27.21 -2.12 0.00	35.66 -2.87 0.00	23.30 -2.23 6.67	29.95 -2.25 0.00	28.01 -2.44 3.42	23.40 -2.55 8.26	23.93 -2.70 8.20	37.03 -3.80 3.95	44.27 -4.95 8.67	40.61 -4.47 5.98	30.84 -3.94 8.69	36.52 -3.56 0.00	28.78 -3.20 2.78	32.25 -2.76 0.00	35.42 -2.09 0.00
SELKIRK___I 23801	45.59 1.12 0.00	34.45 1.10 0.00	32.74 1.11 0.00	31.20 1.10 0.00	30.31 1.07 0.00	33.79 1.11 0.00	30.65 0.93 0.00	30.17 0.86 0.00	27.58 0.67 0.00	29.93 0.60 0.00	39.31 0.78 0.00	32.93 0.72 0.00	32.95 0.75 0.00	34.78 0.91 0.00	35.14 0.94 0.00	35.82 0.99 0.00	45.94 1.16 0.00	59.28 1.38 0.00	52.29 1.23 0.00	44.54 1.08 0.00	41.09 1.01 0.00	35.70 0.94 0.00	35.95 0.95 0.00	38.47 0.96 0.00
SELKIRK___II 23799	45.39 0.92 0.00	34.31 0.95 0.00	32.60 0.98 0.00	31.06 0.97 0.00	30.17 0.93 0.00	33.64 0.96 0.00	30.53 0.81 0.00	30.04 0.73 0.00	27.50 0.58 0.00	29.88 0.55 0.00	39.26 0.73 0.00	32.87 0.66 0.00	32.90 0.70 0.00	34.71 0.83 0.00	35.06 0.86 0.00	35.70 0.87 0.00	45.75 0.97 0.00	59.05 1.16 0.00	52.09 1.03 0.00	44.39 0.93 0.00	40.93 0.85 0.00	35.58 0.82 0.00	35.81 0.81 0.00	38.31 0.80 0.00
SENECA OSWGO___HYD 24041	43.20 -1.28 0.00	32.49 -0.87 0.00	30.83 -0.80 0.00	29.33 -0.76 0.00	28.53 -0.71 0.00	31.90 -0.78 0.00	29.04 -0.68 0.00	28.70 -0.61 0.00	26.35 -0.56 0.00	28.75 -0.59 0.00	37.67 -0.86 0.00	31.49 -0.71 0.00	31.44 -0.76 0.00	33.07 -0.81 0.00	33.38 -0.82 0.00	34.02 -0.81 0.00	43.76 -1.02 0.00	56.59 -1.31 0.00	49.88 -1.17 0.00	42.43 -1.03 0.00	39.10 -0.98 0.00	33.90 -0.86 0.00	34.16 -0.85 0.00	36.60 -0.90 0.00
SENECA___115KV_TB3 355854	32.10 -4.04 8.34	23.93 -3.00 6.44	27.34 -2.93 1.36	25.86 -2.94 1.29	23.98 -2.71 2.54	29.99 -2.69 0.00	27.34 -2.38 0.00	27.33 -1.98 0.00	25.02 -1.90 0.00	27.37 -1.96 0.00	35.86 -2.67 0.00	22.61 -2.10 7.49	30.11 -2.09 0.00	27.77 -2.26 3.84	22.54 -2.39 9.28	23.11 -2.51 9.21	36.85 -3.49 4.44	43.65 -4.50 9.74	40.27 -4.07 6.72	29.91 -3.63 9.92	36.84 -3.23 0.00	28.73 -2.91 3.12	32.51 -2.50 0.00	35.66 -1.85 0.00
SENECA___ENERGY 23797	44.69 -1.06 -1.27	33.58 -0.76 -0.98	31.06 -0.78 -0.21	29.52 -0.77 -0.19	28.98 -0.64 -0.39	32.06 -0.62 0.00	29.23 -0.49 0.00	28.92 -0.39 0.00	26.60 -0.31 0.00	29.03 -0.30 0.00	38.09 -0.44 0.00	32.93 -0.42 -1.14	31.84 -0.37 0.00	34.08 -0.39 -0.58	35.22 -0.39 -1.41	35.84 -0.39 -1.40	44.94 -0.52 -0.68	58.75 -0.62 -1.48	51.57 -0.51 -1.02	44.12 -0.51 -1.17	39.58 -0.50 0.00	34.68 -0.55 -0.47	34.55 -0.46 0.00	37.18 -0.34 0.00
SHOEMAKER___GT 23640	46.14 1.66 0.00	34.66 1.31 0.00	32.92 1.30 0.00	31.39 1.29 0.00	30.47 1.24 0.00	33.92 1.24 0.00	30.87 1.15 0.00	30.36 1.05 0.00	27.89 0.98 0.00	30.34 1.01 0.00	39.90 1.37 0.00	33.38 1.17 0.00	33.41 1.21 0.00	35.25 1.38 0.00	35.70 1.50 0.00	36.40 1.57 0.00	46.88 2.10 0.00	60.73 2.83 0.00	53.58 2.52 0.00	45.61 2.14 0.00	42.05 1.97 0.00	36.49 1.73 0.00	36.69 1.69 0.00	39.17 1.66 0.00
SHOEMAKR_138KV_BK 111 55601	46.13 1.65 0.00	34.66 1.30 0.00	32.91 1.29 0.00	31.38 1.29 0.00	30.47 1.24 0.00	33.91 1.23 0.00	30.87 1.14 0.00	30.34 1.04 0.00	27.89 0.97 0.00	30.34 1.01 0.00	39.91 1.38 0.00	33.37 1.17 0.00	33.42 1.22 0.00	35.26 1.38 0.00	35.71 1.50 0.00	36.40 1.57 0.00	46.87 2.09 0.00	60.71 2.81 0.00	53.55 2.49 0.00	45.58 2.12 0.00	42.04 1.96 0.00	36.48 1.72 0.00	36.69 1.68 0.00	39.15 1.65 0.00
SHOREHAM_IC_1 23715	46.54 2.06 0.00	34.99 1.63 0.00	33.29 1.66 0.00	31.73 1.64 0.00	30.76 1.53 0.00	34.26 1.58 0.00	31.25 1.53 0.00	30.48 1.17 0.00	28.14 1.23 0.00	30.38 1.05 0.00	40.38 1.85 0.00	33.51 1.30 0.00	33.66 1.46 0.00	35.72 1.85 0.00	37.70 2.42 -1.08	37.91 2.58 -0.50	50.56 3.50 -2.28	67.42 4.69 -4.83	58.71 4.13 -3.52	48.95 3.53 -1.96	48.87 3.36 -5.43	44.52 3.04 -6.72	42.94 3.10 -4.84	42.56 3.02 -2.03
SHOREHAM_IC_2 23716	46.54 2.06 0.00	34.99 1.63 0.00	33.29 1.67 0.00	31.73 1.64 0.00	30.76 1.53 0.00	34.25 1.57 0.00	31.25 1.53 0.00	30.47 1.17 0.00	28.14 1.23 0.00	30.38 1.05 0.00	40.38 1.85 0.00	33.50 1.29 0.00	33.67 1.47 0.00	35.72 1.85 0.00	37.69 2.40 -1.08	37.91 2.58 -0.50	50.56 3.50 -2.28	67.41 4.68 -4.83	58.70 4.12 -3.52	48.96 3.53 -1.96	48.87 3.36 -5.43	44.51 3.03 -6.72	42.92 3.08 -4.84	42.56 3.02 -2.03
SISSONVILLE___ 23735	44.98 0.50 0.00	33.37 0.02 0.00	31.44 -0.19 0.00	29.81 -0.28 0.00	28.91 -0.32 0.00	32.48 -0.19 0.00	29.65 -0.07 0.00	29.30 -0.01 0.00	26.96 0.05 0.00	29.45 0.12 0.00	38.68 0.15 0.00	32.29 0.08 0.00	32.23 0.03 0.00	33.80 -0.07 0.00	34.02 -0.18 0.00	34.38 -0.45 0.00	44.20 -0.58 0.00	57.02 -0.87 0.00	50.26 -0.80 0.00	42.98 -0.48 0.00	39.88 -0.21 0.00	34.65 -0.11 0.00	34.83 -0.17 0.00	37.40 -0.11 0.00
SITHE_IND_GS1 24169	43.05 -1.43 0.00	32.35 -1.01 0.00	30.68 -0.95 0.00	29.19 -0.90 0.00	28.39 -0.84 0.00	31.75 -0.93 0.00	28.90 -0.82 0.00	28.55 -0.76 0.00	26.21 -0.70 0.00	28.58 -0.75 0.00	37.48 -1.05 0.00	31.31 -0.90 0.00	31.24 -0.96 0.00	32.83 -1.05 0.00	33.13 -1.08 0.00	33.75 -1.08 0.00	43.35 -1.43 0.00	56.04 -1.86 0.00	49.43 -1.63 0.00	42.04 -1.42 0.00	38.76 -1.32 0.00	33.61 -1.14 0.00	33.90 -1.11 0.00	36.35 -1.16 0.00
SITHE_IND_GS2 24170	43.05 -1.43 0.00	32.35 -1.01 0.00	30.68 -0.95 0.00	29.19 -0.90 0.00	28.39 -0.84 0.00	31.75 -0.93 0.00	28.90 -0.82 0.00	28.55 -0.76 0.00	26.21 -0.70 0.00	28.58 -0.75 0.00	37.48 -1.05 0.00	31.31 -0.90 0.00	31.24 -0.96 0.00	32.83 -1.05 0.00	33.13 -1.08 0.00	33.75 -1.08 0.00	43.35 -1.43 0.00	56.04 -1.86 0.00	49.43 -1.63 0.00	42.04 -1.42 0.00	38.76 -1.32 0.00	33.61 -1.14 0.00	33.90 -1.11 0.00	36.35 -1.16 0.00
SITHE_IND_GS3 24171	43.05 -1.43 0.00	32.35 -1.01 0.00	30.68 -0.95 0.00	29.19 -0.90 0.00	28.39 -0.84 0.00	31.75 -0.93 0.00	28.90 -0.82 0.00	28.55 -0.76 0.00	26.21 -0.70 0.00	28.58 -0.75 0.00	37.48 -1.05 0.00	31.31 -0.90 0.00	31.24 -0.96 0.00	32.83 -1.05 0.00	33.13 -1.08 0.00	33.75 -1.08 0.00	43.35 -1.43 0.00	56.04 -1.86 0.00	49.43 -1.63 0.00	42.04 -1.42 0.00	38.76 -1.32 0.00	33.61 -1.14 0.00	33.90 -1.11 0.00	36.35 -1.16 0.00
SITHE_IND_GS4 24172	43.05 -1.43 0.00	32.35 -1.01 0.00	30.68 -0.95 0.00	29.19 -0.90 0.00	28.39 -0.84 0.00	31.75 -0.93 0.00	28.90 -0.82 0.00	28.55 -0.76 0.00	26.21 -0.70 0.00	28.58 -0.75 0.00	37.48 -1.05 0.00	31.31 -0.90 0.00	31.24 -0.96 0.00	32.83 -1.05 0.00	33.13 -1.08 0.00	33.75 -1.08 0.00	43.35 -1.43 0.00	56.04 -1.86 0.00	49.43 -1.63 0.00	42.04 -1.42 0.00	38.76 -1.32 0.00	33.61 -1.14 0.00	33.90 -1.11 0.00	36.35 -1.16 0.00

SITHE___BATAVIA 24024	35.83 -2.73 5.91	26.77 -2.02 4.56	28.64 -2.02 0.97	27.10 -2.08 0.91	25.58 -1.86 1.80	30.92 -1.76 0.00	28.24 -1.48 0.00	28.22 -1.09 0.00	25.81 -1.10 0.00	28.23 -1.10 0.00	36.97 -1.56 0.00	25.85 -1.09 5.27	31.11 -1.10 0.00	29.99 -1.16 2.72	26.38 -1.27 6.56	27.05 -1.25 6.53	39.79 -1.84 3.15	48.75 -2.24 6.90	44.18 -2.12 4.77	34.79 -1.96 6.72	38.22 -1.86 0.00	30.72 -1.83 2.21	33.52 -1.49 0.00	36.69 -0.82 0.00
SITHE___INDEPEND 23800	43.05 -1.43 0.00	32.35 -1.01 0.00	30.68 -0.95 0.00	29.19 -0.90 0.00	28.39 -0.84 0.00	31.75 -0.93 0.00	28.90 -0.82 0.00	28.55 -0.76 0.00	26.21 -0.70 0.00	28.58 -0.75 0.00	37.48 -1.05 0.00	31.31 -0.90 0.00	31.23 -0.97 0.00	32.83 -1.05 0.00	33.13 -1.07 0.00	33.75 -1.08 0.00	43.35 -1.43 0.00	56.03 -1.86 0.00	49.43 -1.63 0.00	42.05 -1.41 0.00	38.76 -1.32 0.00	33.61 -1.15 0.00	33.90 -1.11 0.00	36.35 -1.16 0.00
SITHE___MASSENA 23902	45.16 0.69 0.00	33.55 0.20 0.00	31.66 0.04 0.00	30.04 -0.05 0.00	29.15 -0.08 0.00	32.73 0.05 0.00	29.84 0.12 0.00	29.45 0.15 0.00	27.09 0.17 0.00	29.55 0.21 0.00	38.83 0.30 0.00	32.42 0.21 0.00	32.41 0.20 0.00	34.02 0.14 0.00	34.28 0.07 0.00	34.79 -0.04 0.00	44.81 0.03 0.00	57.95 0.05 0.00	51.09 0.03 0.00	43.51 0.05 0.00	40.24 0.16 0.00	34.87 0.11 0.00	35.07 0.06 0.00	37.68 0.17 0.00
SITHE___OGDNSBRG 24021	45.78 1.31 0.00	33.95 0.60 0.00	32.00 0.38 0.00	30.34 0.25 0.00	29.44 0.20 0.00	33.09 0.41 0.00	30.22 0.50 0.00	29.88 0.57 0.00	27.50 0.59 0.00	29.98 0.65 0.00	39.34 0.82 0.00	32.79 0.58 0.00	32.70 0.49 0.00	34.33 0.45 0.00	34.61 0.40 0.00	34.98 0.15 0.00	45.28 0.50 0.00	58.63 0.73 0.00	51.66 0.60 0.00	44.04 0.58 0.00	40.78 0.70 0.00	35.36 0.60 0.00	35.52 0.51 0.00	38.15 0.64 0.00
SITHE___STERLING 23777	45.05 0.57 0.00	33.84 0.49 0.00	32.12 0.49 0.00	30.55 0.45 0.00	29.70 0.47 0.00	33.23 0.55 0.00	30.27 0.55 0.00	29.90 0.59 0.00	27.47 0.56 0.00	29.99 0.66 0.00	39.37 0.84 0.00	32.90 0.70 0.00	32.79 0.58 0.00	34.45 0.57 0.00	34.89 0.69 0.00	35.62 0.80 0.00	46.00 1.22 0.00	59.47 1.57 0.00	52.37 1.31 0.00	44.53 1.07 0.00	40.98 0.90 0.00	35.48 0.72 0.00	35.67 0.67 0.00	38.19 0.67 0.00
SLEIGHT__34_KV_TB1 80719	41.12 -1.88 1.47	30.85 -1.37 1.14	30.04 -1.35 0.24	28.51 -1.36 0.23	27.59 -1.20 0.45	31.50 -1.18 0.00	28.72 -0.99 0.00	28.49 -0.82 0.00	26.19 -0.72 0.00	28.60 -0.73 0.00	37.54 -0.99 0.00	30.08 -0.84 1.29	31.40 -0.80 0.00	32.34 -0.86 0.68	31.68 -0.90 1.62	32.29 -0.91 1.63	42.79 -1.20 0.78	54.68 -1.50 1.72	48.52 -1.35 1.19	40.84 -1.26 1.36	38.88 -1.20 0.00	33.02 -1.18 0.55	33.97 -1.04 0.00	36.66 -0.84 0.00
SMITHTWN_69_KV_BK 1 55830	46.53 2.05 0.00	35.05 1.69 0.00	33.32 1.69 0.00	31.74 1.65 0.00	30.78 1.54 0.00	34.29 1.61 0.00	31.25 1.53 0.00	30.47 1.16 0.00	28.14 1.22 0.00	30.47 1.15 0.00	40.59 2.06 0.00	33.60 1.39 0.00	33.75 1.55 0.00	35.74 1.86 0.00	36.92 2.21 -0.51	37.45 2.39 -0.24	48.98 3.13 -1.07	64.31 4.14 -2.28	56.37 3.65 -1.67	47.51 3.13 -0.93	48.01 2.99 -4.94	44.03 2.74 -6.53	42.81 2.78 -5.03	42.21 2.73 -1.98
SOUTH CAIRO___GT 23612	46.73 2.25 0.00	35.32 1.97 0.00	33.53 1.90 0.00	31.93 1.84 0.00	31.01 1.78 0.00	34.61 1.93 0.00	31.43 1.71 0.00	31.01 1.71 0.00	28.25 1.34 0.00	30.39 1.06 0.00	39.93 1.40 0.00	33.44 1.23 0.00	33.31 1.11 0.00	35.32 1.44 0.00	35.74 1.54 0.00	36.72 1.90 0.00	47.53 2.75 0.00	61.59 3.69 0.00	54.26 3.20 0.00	46.17 2.71 0.00	42.56 2.48 0.00	36.92 2.16 0.00	37.09 2.08 0.00	39.60 2.09 0.00
SOUTH HAMPTN___IC 23720	46.50 2.02 0.00	34.80 1.45 0.00	33.13 1.50 0.00	31.57 1.48 0.00	30.61 1.37 0.00	34.11 1.43 0.00	31.12 1.40 0.00	30.35 1.04 0.00	28.04 1.13 0.00	30.25 0.92 0.00	40.17 1.64 0.00	33.30 1.10 0.00	33.53 1.33 0.00	35.81 1.93 0.00	38.23 2.89 -1.14	38.47 3.11 -0.53	51.43 4.24 -2.41	68.70 5.69 -5.11	59.79 5.01 -3.72	49.80 4.26 -2.08	49.60 4.04 -5.48	45.10 3.60 -6.73	43.44 3.64 -4.79	43.13 3.61 -2.01
SOUTHDOWN_115KV_TB1 355954	31.01 -3.88 9.59	23.19 -2.77 7.40	27.33 -2.73 1.57	26.05 -2.56 1.48	23.92 -2.40 2.91	30.24 -2.44 0.00	27.65 -2.07 0.00	27.65 -1.66 0.00	25.24 -1.67 0.00	27.70 -1.63 0.00	36.21 -2.32 0.00	21.72 -1.93 8.56	30.33 -1.87 0.00	27.37 -2.09 4.42	21.44 -2.13 10.64	22.02 -2.22 10.59	36.74 -2.93 5.10	43.12 -3.57 11.20	40.24 -3.09 7.73	31.07 -2.67 9.72	37.86 -2.22 0.00	29.12 -2.06 3.59	33.41 -1.60 0.00	36.26 -1.25 0.00
SOUTHOLD_69_KV_BK 2 55809	46.21 1.73 0.00	34.40 1.05 0.00	32.73 1.11 0.00	31.19 1.10 0.00	30.24 1.01 0.00	33.72 1.04 0.00	30.75 1.03 0.00	30.03 0.72 0.00	27.76 0.85 0.00	29.89 0.56 0.00	39.70 1.17 0.00	32.89 0.69 0.00	33.22 1.02 0.00	35.67 1.80 0.00	38.66 3.31 -1.14	38.92 3.56 -0.53	52.07 4.88 -2.41	69.56 6.56 -5.11	60.55 5.77 -3.72	50.44 4.91 -2.07	50.17 4.61 -5.48	45.55 4.05 -6.73	43.87 4.07 -4.80	43.57 4.05 -2.01
SOUTHOLD___IC 23719	46.20 1.72 0.00	34.40 1.05 0.00	32.73 1.11 0.00	31.19 1.10 0.00	30.24 1.00 0.00	33.73 1.05 0.00	30.76 1.04 0.00	30.03 0.72 0.00	27.76 0.85 0.00	29.89 0.56 0.00	39.70 1.17 0.00	32.90 0.70 0.00	33.22 1.02 0.00	35.68 1.80 0.00	38.67 3.32 -1.14	38.93 3.57 -0.53	52.07 4.88 -2.41	69.57 6.57 -5.11	60.56 5.78 -3.72	50.44 4.90 -2.07	50.17 4.61 -5.48	45.55 4.06 -6.73	43.89 4.09 -4.80	43.58 4.07 -2.01
SOUTH_FORK_WT_PWR 323839	45.65 1.17 0.00	33.84 0.48 0.00	32.20 0.57 0.00	30.69 0.59 0.00	29.75 0.51 0.00	33.18 0.50 0.00	30.26 0.54 0.00	29.53 0.22 0.00	27.31 0.40 0.00	29.40 0.07 0.00	39.03 0.50 0.00	32.34 0.13 0.00	32.70 0.49 0.00	35.32 1.44 0.00	38.74 3.40 -1.14	39.03 3.67 -0.53	52.21 5.02 -2.41	69.75 6.75 -5.11	60.73 5.95 -3.72	50.58 5.04 -2.08	50.31 4.76 -5.48	45.68 4.18 -6.73	44.01 4.21 -4.80	43.70 4.18 -2.01
SPIERFLS_115KV_TB 1 80737	47.46 2.98 0.00	35.71 2.35 0.00	33.79 2.17 0.00	32.18 2.09 0.00	31.29 2.06 0.00	34.92 2.24 0.00	31.73 2.01 0.00	31.27 1.96 0.00	28.70 1.78 0.00	31.24 1.91 0.00	41.18 2.64 0.00	34.46 2.25 0.00	34.53 2.33 0.00	36.37 2.49 0.00	36.79 2.58 0.00	37.51 2.68 0.00	48.33 3.55 0.00	62.34 4.45 0.00	54.93 3.87 0.00	46.69 3.23 0.00	43.03 2.95 0.00	37.30 2.54 0.00	37.57 2.56 0.00	40.10 2.59 0.00
ST LAWRENCE____ 23600	44.56 0.08 0.00	33.15 -0.21 0.00	31.28 -0.35 0.00	29.69 -0.40 0.00	28.81 -0.43 0.00	32.32 -0.35 0.00	29.46 -0.26 0.00	29.06 -0.25 0.00	26.71 -0.20 0.00	29.13 -0.20 0.00	38.29 -0.24 0.00	31.98 -0.22 0.00	31.97 -0.23 0.00	33.57 -0.31 0.00	33.84 -0.37 0.00	34.39 -0.43 0.00	44.29 -0.49 0.00	57.31 -0.59 0.00	50.52 -0.54 0.00	43.01 -0.45 0.00	39.73 -0.35 0.00	34.41 -0.35 0.00	34.64 -0.37 0.00	37.19 -0.32 0.00

STATE_CA_115KV_115_LB 55624	45.57 1.09 0.00	34.54 1.19 0.00	32.81 1.18 0.00	31.26 1.17 0.00	30.36 1.12 0.00	33.85 1.17 0.00	30.74 1.02 0.00	30.23 0.92 0.00	27.61 0.70 0.00	30.01 0.67 0.00	39.44 0.91 0.00	33.04 0.84 0.00	33.10 0.89 0.00	34.92 1.04 0.00	35.26 1.06 0.00	35.89 1.07 0.00	45.89 1.12 0.00	59.16 1.27 0.00	52.19 1.13 0.00	44.48 1.03 0.00	41.03 0.95 0.00	35.68 0.92 0.00	35.92 0.91 0.00	38.41 0.90 0.00
STATE_ST_34_KV_LOAD 55959	47.22 -0.31 -3.05	35.50 -0.21 -2.36	31.85 -0.27 -0.50	30.29 -0.28 -0.47	30.08 -0.09 -0.93	32.61 -0.07 0.00	29.72 0.00 0.00	29.27 -0.04 0.00	26.97 0.06 0.00	29.43 0.10 0.00	38.56 0.03 0.00	34.90 -0.04 -2.74	32.16 -0.05 0.00	35.28 0.00 -1.41	37.64 0.04 -3.39	38.19 0.00 -3.37	46.39 -0.02 -1.63	61.48 0.02 -3.57	53.71 0.19 -2.46	46.38 0.10 -2.82	40.15 0.07 0.00	35.79 -0.11 -1.14	35.04 0.04 0.00	37.61 0.10 0.00
STATION_5_MISC_HYD 23604	38.06 -2.24 4.18	28.48 -1.65 3.23	29.33 -1.61 0.68	27.80 -1.65 0.64	26.46 -1.50 1.27	31.24 -1.44 0.00	28.51 -1.21 0.00	28.35 -0.96 0.00	26.01 -0.90 0.00	28.46 -0.87 0.00	37.34 -1.19 0.00	27.61 -0.91 3.69	31.34 -0.86 0.00	30.98 -0.97 1.93	28.51 -1.07 4.62	29.08 -1.12 4.62	41.04 -1.51 2.23	51.11 -1.90 4.89	45.91 -1.77 3.37	37.94 -1.66 3.87	38.59 -1.49 0.00	31.76 -1.44 1.57	33.79 -1.21 0.00	36.66 -0.85 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	40.70 -1.67 2.10	30.51 -1.22 1.62	30.09 -1.19 0.34	28.57 -1.19 0.32	27.53 -1.06 0.64	31.65 -1.02 0.00	28.86 -0.86 0.00	28.63 -0.67 0.00	26.31 -0.60 0.00	28.72 -0.61 0.00	37.71 -0.83 0.00	29.68 -0.67 1.85	31.58 -0.62 0.00	32.21 -0.70 0.97	31.15 -0.73 2.32	31.75 -0.75 2.32	42.66 -1.00 1.12	54.21 -1.23 2.46	48.22 -1.15 1.70	40.43 -1.08 1.94	39.08 -1.00 0.00	32.97 -1.00 0.79	34.15 -0.85 0.00	36.85 -0.66 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	38.31 -2.46 3.71	28.70 -1.79 2.87	29.28 -1.75 0.61	27.76 -1.76 0.57	26.49 -1.61 1.13	31.10 -1.58 0.00	28.37 -1.35 0.00	28.20 -1.11 0.00	25.87 -1.04 0.00	28.30 -1.03 0.00	37.13 -1.40 0.00	27.84 -1.09 3.28	31.13 -1.07 0.00	30.98 -1.18 1.71	28.85 -1.24 4.10	29.40 -1.33 4.10	41.01 -1.79 1.98	51.29 -2.26 4.34	45.98 -2.09 2.99	38.12 -1.91 3.43	38.35 -1.73 0.00	31.74 -1.64 1.39	33.59 -1.42 0.00	36.40 -1.11 0.00
STA_56___34_KV_BUS2 355983	38.31 -2.46 3.71	28.70 -1.79 2.87	29.28 -1.75 0.61	27.76 -1.76 0.57	26.49 -1.61 1.13	31.10 -1.58 0.00	28.37 -1.35 0.00	28.20 -1.11 0.00	25.87 -1.04 0.00	28.30 -1.03 0.00	37.13 -1.40 0.00	27.84 -1.09 3.28	31.13 -1.07 0.00	30.98 -1.18 1.71	28.85 -1.24 4.10	29.40 -1.33 4.10	41.01 -1.79 1.98	51.29 -2.26 4.34	45.98 -2.09 2.99	38.12 -1.91 3.43	38.35 -1.73 0.00	31.74 -1.64 1.39	33.59 -1.42 0.00	36.40 -1.11 0.00
STA_67___115KV_BK2 355882	37.98 -2.32 4.18	28.43 -1.70 3.23	29.29 -1.65 0.68	27.76 -1.69 0.64	26.43 -1.54 1.27	31.20 -1.48 0.00	28.46 -1.26 0.00	28.31 -1.00 0.00	25.97 -0.94 0.00	28.41 -0.92 0.00	37.28 -1.25 0.00	27.56 -0.96 3.69	31.27 -0.93 0.00	30.91 -1.05 1.93	28.48 -1.11 4.62	29.01 -1.20 4.62	40.94 -1.62 2.23	50.97 -2.03 4.89	45.81 -1.88 3.37	37.85 -1.75 3.86	38.50 -1.58 0.00	31.68 -1.52 1.56	33.72 -1.28 0.00	36.59 -0.92 0.00
STA_7___115KV_9TRANS 80674	38.22 -2.08 4.18	28.60 -1.53 3.22	29.45 -1.50 0.68	27.90 -1.54 0.64	26.57 -1.40 1.27	31.37 -1.31 0.00	28.62 -1.10 0.00	28.47 -0.84 0.00	26.12 -0.79 0.00	28.59 -0.74 0.00	37.52 -1.01 0.00	27.77 -0.75 3.69	31.50 -0.70 0.00	31.15 -0.80 1.93	28.72 -0.86 4.62	29.28 -0.93 4.61	41.30 -1.26 2.22	51.48 -1.53 4.88	46.24 -1.45 3.37	38.20 -1.40 3.86	38.81 -1.27 0.00	31.94 -1.26 1.56	33.97 -1.04 0.00	36.83 -0.68 0.00
STA_82___115KV_TB1 80780	37.92 -2.35 4.21	28.39 -1.72 3.25	29.26 -1.68 0.69	27.73 -1.71 0.65	26.40 -1.56 1.28	31.17 -1.51 0.00	28.44 -1.28 0.00	28.29 -1.02 0.00	25.95 -0.96 0.00	28.39 -0.94 0.00	37.25 -1.28 0.00	27.51 -0.99 3.71	31.24 -0.96 0.00	30.87 -1.07 1.94	28.42 -1.14 4.65	28.96 -1.22 4.65	40.88 -1.66 2.24	50.89 -2.09 4.91	45.74 -1.93 3.39	37.78 -1.79 3.89	38.46 -1.62 0.00	31.64 -1.55 1.57	33.70 -1.30 0.00	36.56 -0.95 0.00
STEEL___WIND 323596	32.03 -4.11 8.34	23.87 -3.05 6.44	27.28 -2.99 1.36	25.81 -3.00 1.29	23.92 -2.78 2.54	29.93 -2.74 0.00	27.28 -2.44 0.00	27.27 -2.04 0.00	24.95 -1.96 0.00	27.31 -2.02 0.00	35.78 -2.75 0.00	22.55 -2.17 7.49	30.05 -2.15 0.00	27.70 -2.33 3.84	22.48 -2.45 9.28	23.04 -2.58 9.21	36.74 -3.60 4.44	43.53 -4.62 9.74	40.18 -4.16 6.72	29.83 -3.71 9.92	36.76 -3.32 0.00	28.66 -2.98 3.12	32.43 -2.57 0.00	35.59 -1.92 0.00
STEPHTWN_115KV_BK_2 55603	45.85 1.37 0.00	34.64 1.28 0.00	32.87 1.24 0.00	31.30 1.21 0.00	30.42 1.18 0.00	33.98 1.30 0.00	30.77 1.05 0.00	30.35 1.04 0.00	27.77 0.86 0.00	30.19 0.86 0.00	39.65 1.12 0.00	33.20 1.00 0.00	33.29 1.09 0.00	35.12 1.24 0.00	35.41 1.20 0.00	36.09 1.27 0.00	46.33 1.55 0.00	59.84 1.95 0.00	52.63 1.58 0.00	44.95 1.49 0.00	41.36 1.28 0.00	35.93 1.17 0.00	36.18 1.17 0.00	38.69 1.18 0.00
STEBEN_REC_LFGE 323667	12.27 -4.95 27.26	8.53 -3.79 21.04	23.53 -3.65 4.45	22.35 -3.53 4.21	17.70 -3.24 8.29	29.22 -3.46 0.00	26.75 -2.97 0.00	26.68 -2.63 0.00	24.40 -2.51 0.00	26.60 -2.73 0.00	34.65 -3.88 0.00	4.85 -3.29 24.06	28.95 -3.25 0.00	17.91 -3.40 12.56	0.75 -3.33 30.13	1.50 -3.22 30.11	26.18 -4.09 14.51	20.54 -5.51 31.84	24.28 -4.81 21.97	20.63 -3.98 18.85	36.47 -3.61 0.01	21.38 -3.18 10.19	31.98 -3.02 0.01	34.65 -2.86 0.00
STILLWATER___SOLAR 323814	46.80 2.32 0.00	35.21 1.85 0.00	33.40 1.77 0.00	31.81 1.71 0.00	30.90 1.66 0.00	34.49 1.81 0.00	31.34 1.62 0.00	30.88 1.57 0.00	28.31 1.40 0.00	30.76 1.43 0.00	40.50 1.97 0.00	33.89 1.69 0.00	33.94 1.74 0.00	35.81 1.93 0.00	36.19 1.99 0.00	36.88 2.06 0.00	47.45 2.66 0.00	61.22 3.33 0.00	53.96 2.90 0.00	45.91 2.45 0.00	42.30 2.22 0.00	36.70 1.94 0.00	36.94 1.94 0.00	39.49 1.98 0.00
STONY___BROOK 24151	46.44 1.96 0.00	34.98 1.62 0.00	33.26 1.63 0.00	31.69 1.59 0.00	30.73 1.50 0.00	34.24 1.56 0.00	31.21 1.49 0.00	30.41 1.11 0.00	28.09 1.18 0.00	30.42 1.09 0.00	40.51 1.98 0.00	33.54 1.34 0.00	33.69 1.49 0.00	35.69 1.82 0.00	37.21 2.19 -0.82	37.55 2.34 -0.38	49.57 3.05 -1.74	65.59 4.01 -3.69	57.27 3.52 -2.70	47.98 3.02 -1.50	48.22 2.93 -5.22	44.10 2.70 -6.64	42.70 2.75 -4.95	42.22 2.68 -2.03
STURGEON_POOL_HYD 23609	46.35 1.87 0.00	34.80 1.44 0.00	33.06 1.44 0.00	31.54 1.45 0.00	30.63 1.39 0.00	34.06 1.38 0.00	30.96 1.24 0.00	30.44 1.13 0.00	28.01 1.10 0.00	30.47 1.14 0.00	40.14 1.61 0.00	33.51 1.30 0.00	33.59 1.39 0.00	35.42 1.54 0.00	35.92 1.72 0.00	36.65 1.82 0.00	47.18 2.40 0.00	61.12 3.23 0.00	53.92 2.86 0.00	45.90 2.44 0.00	42.31 2.24 0.00	36.72 1.96 0.00	36.91 1.91 0.00	39.35 1.84 0.00

ST_LAW_115_BK7_LBMP 345037	44.58 0.10 0.00	33.14 -0.21 0.00	31.27 -0.35 0.00	29.68 -0.41 0.00	28.80 -0.44 0.00	32.32 -0.35 0.00	29.46 -0.26 0.00	29.07 -0.24 0.00	26.72 -0.19 0.00	29.14 -0.18 0.00	38.31 -0.22 0.00	31.99 -0.21 0.00	31.98 -0.22 0.00	33.58 -0.30 0.00	33.84 -0.37 0.00	34.39 -0.44 0.00	44.28 -0.49 0.00	57.28 -0.61 0.00	50.52 -0.54 0.00	43.00 -0.46 0.00	39.74 -0.35 0.00	34.42 -0.34 0.00	34.64 -0.37 0.00	37.19 -0.31 0.00
ST_LAW_115_BK8_LBMP 345038	44.58 0.10 0.00	33.14 -0.21 0.00	31.27 -0.35 0.00	29.68 -0.41 0.00	28.80 -0.44 0.00	32.32 -0.35 0.00	29.46 -0.26 0.00	29.07 -0.24 0.00	26.72 -0.19 0.00	29.14 -0.18 0.00	38.31 -0.22 0.00	31.99 -0.21 0.00	31.98 -0.22 0.00	33.58 -0.30 0.00	33.84 -0.37 0.00	34.39 -0.44 0.00	44.28 -0.49 0.00	57.28 -0.61 0.00	50.52 -0.54 0.00	43.00 -0.46 0.00	39.74 -0.35 0.00	34.42 -0.34 0.00	34.64 -0.37 0.00	37.19 -0.31 0.00
ST_LAW_230_BK5_LBMP 345035	44.56 0.08 0.00	33.15 -0.21 0.00	31.28 -0.35 0.00	29.69 -0.40 0.00	28.81 -0.43 0.00	32.32 -0.35 0.00	29.46 -0.26 0.00	29.06 -0.25 0.00	26.71 -0.20 0.00	29.13 -0.20 0.00	38.29 -0.24 0.00	31.98 -0.22 0.00	31.97 -0.23 0.00	33.57 -0.31 0.00	33.84 -0.37 0.00	34.39 -0.43 0.00	44.29 -0.49 0.00	57.31 -0.59 0.00	50.52 -0.54 0.00	43.01 -0.45 0.00	39.73 -0.35 0.00	34.41 -0.35 0.00	34.64 -0.37 0.00	37.19 -0.32 0.00
ST_LAW_230_BK6_LBMP 345036	44.56 0.08 0.00	33.15 -0.21 0.00	31.28 -0.35 0.00	29.69 -0.40 0.00	28.81 -0.43 0.00	32.32 -0.35 0.00	29.46 -0.26 0.00	29.06 -0.25 0.00	26.71 -0.20 0.00	29.13 -0.20 0.00	38.29 -0.24 0.00	31.98 -0.22 0.00	31.97 -0.23 0.00	33.57 -0.31 0.00	33.84 -0.37 0.00	34.39 -0.43 0.00	44.29 -0.49 0.00	57.31 -0.59 0.00	50.52 -0.54 0.00	43.01 -0.45 0.00	39.73 -0.35 0.00	34.41 -0.35 0.00	34.64 -0.37 0.00	37.19 -0.32 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	46.29 1.81 0.00	34.77 1.41 0.00	33.03 1.40 0.00	31.49 1.40 0.00	30.57 1.34 0.00	34.00 1.32 0.00	30.98 1.25 0.00	30.44 1.13 0.00	27.97 1.06 0.00	30.45 1.12 0.00	40.08 1.55 0.00	33.51 1.30 0.00	33.59 1.39 0.00	35.43 1.56 0.00	35.89 1.68 0.00	36.59 1.76 0.00	47.07 2.29 0.00	60.98 3.08 0.00	53.79 2.73 0.00	45.78 2.33 0.00	42.22 2.14 0.00	36.64 1.88 0.00	36.84 1.83 0.00	39.31 1.80 0.00
SWANROAD_115KV_TB1 355699	32.79 -4.68 7.01	24.48 -3.47 5.41	27.06 -3.42 1.14	25.56 -3.46 1.08	23.92 -3.18 2.13	29.45 -3.23 0.00	26.87 -2.85 0.00	26.85 -2.46 0.00	24.52 -2.39 0.00	26.79 -2.54 0.00	35.08 -3.45 0.00	23.41 -2.52 6.27	29.50 -2.70 0.00	27.80 -2.85 3.23	23.50 -2.92 7.78	24.12 -2.97 7.74	36.72 -4.33 3.73	44.08 -5.63 8.18	40.25 -5.16 5.65	30.77 -4.43 8.26	35.82 -4.26 0.00	28.38 -3.76 2.62	31.69 -3.32 0.00	35.02 -2.49 0.00
SYNERGY___BIOGAS 323694	35.83 -2.74 5.91	26.77 -2.02 4.56	28.64 -2.03 0.97	27.10 -2.08 0.91	25.58 -1.86 1.80	30.92 -1.76 0.00	28.24 -1.48 0.00	28.22 -1.09 0.00	25.82 -1.10 0.00	28.23 -1.11 0.00	36.97 -1.56 0.00	25.87 -1.07 5.27	31.11 -1.10 0.00	29.99 -1.16 2.72	26.41 -1.24 6.56	27.07 -1.23 6.53	39.80 -1.83 3.15	48.78 -2.21 6.90	44.20 -2.09 4.77	34.82 -1.93 6.72	38.22 -1.86 0.00	30.75 -1.80 2.21	33.52 -1.48 0.00	36.69 -0.82 0.00
SYRACUSE___ENERGY_ST1 323597	43.98 -0.49 0.00	33.05 -0.31 0.00	31.34 -0.28 0.00	29.82 -0.28 0.00	29.03 -0.21 0.00	32.47 -0.21 0.00	29.55 -0.17 0.00	29.19 -0.12 0.00	26.82 -0.09 0.00	29.25 -0.08 0.00	38.38 -0.15 0.00	32.05 -0.16 0.00	32.02 -0.19 0.00	33.67 -0.20 0.00	34.03 -0.18 0.00	34.68 -0.15 0.00	44.61 -0.17 0.00	57.68 -0.21 0.00	50.89 -0.17 0.00	43.26 -0.20 0.00	39.86 -0.22 0.00	34.54 -0.22 0.00	34.82 -0.18 0.00	37.33 -0.18 0.00
SYRACUSE___ENERGY_ST2 323598	43.98 -0.49 0.00	33.05 -0.31 0.00	31.34 -0.28 0.00	29.82 -0.28 0.00	29.03 -0.21 0.00	32.47 -0.21 0.00	29.55 -0.17 0.00	29.19 -0.12 0.00	26.82 -0.09 0.00	29.25 -0.08 0.00	38.38 -0.15 0.00	32.05 -0.16 0.00	32.02 -0.19 0.00	33.67 -0.20 0.00	34.03 -0.18 0.00	34.68 -0.15 0.00	44.61 -0.17 0.00	57.68 -0.21 0.00	50.89 -0.17 0.00	43.26 -0.20 0.00	39.86 -0.22 0.00	34.54 -0.22 0.00	34.82 -0.18 0.00	37.33 -0.18 0.00
SYRACUSE___POWER 24017	45.69 -0.48 -1.69	34.35 -0.31 -1.30	31.62 -0.28 -0.27	30.10 -0.26 -0.26	29.54 -0.21 -0.51	32.46 -0.22 0.00	29.54 -0.18 0.00	29.20 -0.11 0.00	26.82 -0.09 0.00	29.25 -0.08 0.00	38.38 -0.15 0.00	33.59 -0.14 -1.52	32.02 -0.19 0.00	34.48 -0.17 -0.78	35.93 -0.15 -1.88	36.61 -0.09 -1.87	45.60 -0.08 -0.90	59.78 -0.09 -1.97	52.33 -0.08 -1.36	44.90 -0.12 -1.56	39.93 -0.15 0.00	35.24 -0.15 -0.63	34.87 -0.13 0.00	37.37 -0.14 0.00
TALLMAN_138KV_BK151 55660	46.45 1.97 0.00	34.87 1.51 0.00	33.13 1.50 0.00	31.60 1.51 0.00	30.66 1.42 0.00	34.08 1.40 0.00	31.07 1.36 0.00	30.52 1.21 0.00	28.07 1.15 0.00	30.55 1.22 0.00	40.23 1.70 0.00	33.63 1.43 0.00	33.73 1.53 0.00	35.59 1.71 0.00	36.05 1.85 0.00	36.74 1.91 0.00	47.25 2.47 0.00	61.21 3.31 0.00	53.99 2.93 0.00	45.96 2.50 0.00	42.39 2.31 0.00	36.79 2.03 0.00	36.99 1.98 0.00	39.46 1.95 0.00
TEALLAVE_115KV_TB7 355573	43.73 -0.75 0.00	32.86 -0.50 0.00	31.18 -0.45 0.00	29.67 -0.43 0.00	28.86 -0.37 0.00	32.28 -0.40 0.00	29.38 -0.34 0.00	29.04 -0.27 0.00	26.66 -0.25 0.00	29.09 -0.24 0.00	38.17 -0.36 0.00	31.89 -0.31 0.00	31.85 -0.35 0.00	33.49 -0.38 0.00	33.83 -0.37 0.00	34.48 -0.35 0.00	44.34 -0.44 0.00	57.34 -0.56 0.00	50.55 -0.51 0.00	42.98 -0.48 0.00	39.61 -0.47 0.00	34.33 -0.43 0.00	34.61 -0.40 0.00	37.10 -0.41 0.00
TELGRAPH_34_KV_EAST 80808	34.34 -3.71 6.43	25.64 -2.75 4.96	27.86 -2.72 1.05	26.33 -2.77 0.99	24.76 -2.52 1.96	30.19 -2.49 0.00	27.55 -2.17 0.00	27.55 -1.76 0.00	25.19 -1.72 0.00	27.55 -1.79 0.00	36.07 -2.46 0.00	24.70 -1.76 5.74	30.35 -1.85 0.00	28.93 -1.98 2.97	25.00 -2.06 7.14	25.62 -2.11 7.10	38.28 -3.07 3.42	46.45 -3.93 7.52	42.24 -3.63 5.18	32.78 -3.18 7.49	37.05 -3.03 0.00	29.56 -2.79 2.41	32.61 -2.39 0.00	35.84 -1.67 0.00
TEMPLE___115KV_TB 2 55572	43.75 -0.73 0.00	32.88 -0.48 0.00	31.19 -0.44 0.00	29.67 -0.42 0.00	28.87 -0.36 0.00	32.29 -0.39 0.00	29.39 -0.33 0.00	29.05 -0.26 0.00	26.67 -0.24 0.00	29.10 -0.23 0.00	38.18 -0.35 0.00	31.91 -0.30 0.00	31.86 -0.35 0.00	33.51 -0.37 0.00	33.86 -0.35 0.00	34.50 -0.33 0.00	44.38 -0.40 0.00	57.36 -0.54 0.00	50.58 -0.48 0.00	43.01 -0.46 0.00	39.63 -0.45 0.00	34.35 -0.41 0.00	34.63 -0.38 0.00	37.10 -0.40 0.00
TIANA___69_KV_BK 1 55817	46.58 2.10 0.00	34.92 1.56 0.00	33.22 1.60 0.00	31.66 1.56 0.00	30.69 1.46 0.00	34.20 1.52 0.00	31.19 1.47 0.00	30.43 1.13 0.00	28.11 1.19 0.00	30.33 1.00 0.00	40.29 1.76 0.00	33.40 1.19 0.00	33.63 1.43 0.00	35.82 1.94 0.00	38.10 2.76 -1.14	38.33 2.98 -0.53	51.23 4.04 -2.41	68.42 5.42 -5.11	59.56 4.78 -3.72	49.62 4.08 -2.07	49.42 3.86 -5.48	44.94 3.45 -6.73	43.28 3.48 -4.80	42.97 3.45 -2.01

TILDEN___115KV_TB1 80814	45.69 -0.48 -1.69	34.35 -0.31 -1.30	31.62 -0.28 -0.27	30.10 -0.26 -0.26	29.54 -0.21 -0.51	32.46 -0.22 0.00	29.54 -0.18 0.00	29.20 -0.11 0.00	26.82 -0.09 0.00	29.25 -0.08 0.00	38.38 -0.15 0.00	33.59 -0.14 -1.52	32.02 -0.19 0.00	34.48 -0.17 -0.78	35.93 -0.15 -1.88	36.61 -0.09 -1.87	45.60 -0.08 -0.90	59.78 -0.09 -1.97	52.33 -0.08 -1.36	44.90 -0.12 -1.56	39.93 -0.15 0.00	35.24 -0.15 -0.63	34.87 -0.13 0.00	37.37 -0.14 0.00
TRIGEN___CC 323695	46.60 2.12 0.00	35.06 1.71 0.00	33.30 1.67 0.00	31.74 1.65 0.00	30.79 1.56 0.00	34.23 1.55 0.00	31.18 1.46 0.00	30.52 1.21 0.00	28.15 1.23 0.00	30.59 1.26 0.00	40.57 2.04 0.00	33.71 1.51 0.00	33.87 1.67 0.00	35.83 1.95 0.00	36.30 2.10 0.00	37.01 2.18 0.00	47.54 2.75 0.00	61.55 3.64 -0.02	54.33 3.24 -0.03	46.26 2.79 -0.01	50.91 2.61 -8.22	48.74 2.35 -11.63	51.48 2.36 -14.11	48.90 2.34 -9.05
TRINITY___115KV___4 BK 55933	45.41 0.94 0.00	34.40 1.05 0.00	32.69 1.06 0.00	31.14 1.05 0.00	30.25 1.01 0.00	33.73 1.05 0.00	30.62 0.90 0.00	30.12 0.81 0.00	27.52 0.61 0.00	29.92 0.58 0.00	39.29 0.76 0.00	32.92 0.71 0.00	32.96 0.76 0.00	34.77 0.89 0.00	35.12 0.91 0.00	35.72 0.90 0.00	45.68 0.90 0.00	58.90 1.00 0.00	51.97 0.92 0.00	44.29 0.83 0.00	40.86 0.78 0.00	35.53 0.78 0.00	35.78 0.77 0.00	38.27 0.76 0.00
UNION___PROCESSING_DRP 323587	37.95 -2.34 4.19	28.40 -1.72 3.23	29.26 -1.68 0.68	27.74 -1.71 0.64	26.41 -1.55 1.27	31.17 -1.51 0.00	28.45 -1.27 0.00	28.29 -1.01 0.00	25.96 -0.96 0.00	28.40 -0.93 0.00	37.25 -1.27 0.00	27.53 -0.98 3.69	31.25 -0.95 0.00	30.89 -1.06 1.93	28.44 -1.14 4.63	28.99 -1.21 4.63	40.90 -1.65 2.23	50.92 -2.08 4.89	45.76 -1.92 3.38	37.81 -1.78 3.87	38.47 -1.61 0.00	31.66 -1.54 1.57	33.70 -1.30 0.00	36.57 -0.94 0.00
UPPER HUDSON___HYD 24058	47.46 2.98 0.00	35.70 2.35 0.00	33.79 2.17 0.00	32.18 2.09 0.00	31.29 2.06 0.00	34.92 2.24 0.00	31.73 2.01 0.00	31.27 1.96 0.00	28.69 1.78 0.00	31.24 1.91 0.00	41.17 2.65 0.00	34.46 2.25 0.00	34.53 2.33 0.00	36.37 2.49 0.00	36.79 2.58 0.00	37.51 2.68 0.00	48.33 3.55 0.00	62.34 4.45 0.00	54.93 3.87 0.00	46.68 3.22 0.00	43.03 2.95 0.00	37.30 2.54 0.00	37.57 2.56 0.00	40.10 2.59 0.00
UPPER RAQUET___HYD 24056	44.98 0.50 0.00	33.38 0.02 0.00	31.44 -0.19 0.00	29.82 -0.27 0.00	28.91 -0.32 0.00	32.49 -0.19 0.00	29.65 -0.07 0.00	29.30 -0.01 0.00	26.96 0.05 0.00	29.45 0.12 0.00	38.69 0.15 0.00	32.29 0.09 0.00	32.23 0.03 0.00	33.80 -0.07 0.00	34.03 -0.18 0.00	34.38 -0.45 0.00	44.20 -0.58 0.00	57.02 -0.87 0.00	50.26 -0.80 0.00	42.98 -0.48 0.00	39.88 -0.20 0.00	34.65 -0.11 0.00	34.84 -0.17 0.00	37.40 -0.11 0.00
VALLEY44_115KV_TB2 355964	30.97 -3.54 9.96	23.16 -2.50 7.69	27.61 -2.39 1.63	26.20 -2.35 1.54	24.06 -2.14 3.03	30.45 -2.23 0.00	27.78 -1.94 0.00	27.72 -1.59 0.00	25.32 -1.60 0.00	27.73 -1.60 0.00	36.35 -2.18 0.00	21.50 -1.80 8.90	30.34 -1.86 0.00	27.23 -2.06 4.59	20.98 -2.16 11.06	21.45 -2.37 11.00	36.36 -3.12 5.31	42.38 -3.87 11.64	39.56 -3.47 8.03	30.49 -3.12 9.86	37.25 -2.82 0.00	28.68 -2.36 3.73	33.16 -1.84 0.00	36.06 -1.45 0.00
VALLEY___115KV_TB 1-4 80826	46.44 1.97 0.00	34.72 1.37 0.00	33.02 1.39 0.00	31.39 1.30 0.00	30.49 1.25 0.00	34.05 1.37 0.00	30.86 1.14 0.00	30.45 1.14 0.00	27.80 0.89 0.00	30.05 0.72 0.00	39.53 1.00 0.00	33.11 0.91 0.00	33.09 0.88 0.00	35.02 1.15 0.00	35.34 1.14 0.00	36.26 1.44 0.00	46.83 2.05 0.00	60.59 2.69 0.00	53.39 2.33 0.00	45.38 1.92 0.00	41.93 1.85 0.00	36.30 1.54 0.00	36.48 1.47 0.00	38.99 1.48 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	46.22 1.74 0.00	34.71 1.35 0.00	32.93 1.31 0.00	31.33 1.24 0.00	30.42 1.19 0.00	33.93 1.25 0.00	30.80 1.08 0.00	30.43 1.13 0.00	28.13 1.22 0.00	30.61 1.28 0.00	40.23 1.70 0.00	33.59 1.38 0.00	33.61 1.42 0.00	35.42 1.55 0.00	35.82 1.62 0.00	36.60 1.77 0.00	47.21 2.43 0.00	61.28 3.38 0.00	54.10 3.04 0.00	46.00 2.54 0.00	42.39 2.31 0.00	36.71 1.94 0.00	36.88 1.87 0.00	39.51 1.99 0.00
VISCHER___FERRY HYD 24020	46.12 1.64 0.00	34.74 1.39 0.00	33.00 1.37 0.00	31.44 1.35 0.00	30.52 1.29 0.00	34.05 1.37 0.00	30.94 1.22 0.00	30.47 1.16 0.00	27.93 1.02 0.00	30.37 1.04 0.00	39.91 1.38 0.00	33.40 1.20 0.00	33.44 1.24 0.00	35.26 1.38 0.00	35.63 1.43 0.00	36.24 1.42 0.00	46.49 1.71 0.00	59.97 2.08 0.00	52.88 1.82 0.00	45.03 1.57 0.00	41.52 1.44 0.00	36.08 1.31 0.00	36.31 1.30 0.00	38.85 1.34 0.00
V_A_10_SYNC_DSASP 323832	35.14 -3.84 5.49	26.31 -2.81 4.24	28.01 -2.72 0.90	26.51 -2.74 0.85	25.03 -2.53 1.67	30.14 -2.53 0.00	27.49 -2.23 0.00	27.40 -1.91 0.00	25.10 -1.81 0.00	27.47 -1.86 0.00	36.01 -2.52 0.00	25.31 -1.99 4.91	30.21 -1.99 0.00	29.17 -2.18 2.53	25.80 -2.30 6.10	26.29 -2.46 6.07	38.44 -3.41 2.93	47.03 -4.44 6.42	42.60 -4.03 4.43	33.64 -3.57 6.25	36.88 -3.20 0.00	29.82 -2.88 2.06	32.52 -2.48 0.00	35.58 -1.93 0.00
V_CMM_10_SYNC_DSASP 323787	44.82 0.34 0.00	33.31 -0.04 0.00	31.44 -0.19 0.00	29.84 -0.25 0.00	28.94 -0.29 0.00	32.49 -0.18 0.00	29.61 -0.11 0.00	29.23 -0.08 0.00	26.87 -0.04 0.00	29.31 -0.03 0.00	38.52 -0.01 0.00	32.17 -0.03 0.00	32.16 -0.04 0.00	33.76 -0.12 0.00	34.02 -0.18 0.00	34.57 -0.25 0.00	44.53 -0.25 0.00	57.60 -0.30 0.00	50.79 -0.26 0.00	43.23 -0.23 0.00	39.95 -0.13 0.00	34.61 -0.15 0.00	34.82 -0.19 0.00	37.40 -0.11 0.00
V_CMP_10_SYNC_DSASP 323788	45.20 0.73 0.00	33.56 0.20 0.00	31.34 -0.28 0.00	29.61 -0.49 0.00	28.65 -0.58 0.00	32.25 -0.43 0.00	29.41 -0.31 0.00	28.95 -0.36 0.00	26.55 -0.36 0.00	28.90 -0.43 0.00	38.02 -0.51 0.00	31.72 -0.48 0.00	31.65 -0.55 0.00	33.24 -0.63 0.00	33.47 -0.73 0.00	34.07 -0.76 0.00	43.94 -0.84 0.00	56.86 -1.03 0.00	50.10 -0.96 0.00	42.68 -0.78 0.00	39.47 -0.61 0.00	34.15 -0.61 0.00	34.36 -0.64 0.00	36.87 -0.64 0.00
V_D_10_SYNC_DSASP 323841	45.15 0.68 0.00	33.55 0.19 0.00	31.66 0.03 0.00	30.04 -0.05 0.00	29.14 -0.09 0.00	32.72 0.05 0.00	29.84 0.12 0.00	29.45 0.14 0.00	27.09 0.17 0.00	29.54 0.21 0.00	38.82 0.29 0.00	32.41 0.21 0.00	32.40 0.20 0.00	34.01 0.13 0.00	34.27 0.06 0.00	34.78 -0.04 0.00	44.80 0.02 0.00	57.93 0.03 0.00	51.09 0.02 0.00	43.51 0.05 0.00	40.23 0.15 0.00	34.86 0.10 0.00	35.07 0.06 0.00	37.68 0.17 0.00
V_E_10_SYNC_DSASP 323830	54.61 1.15 -8.99	40.72 0.42 -6.93	33.33 0.23 -1.47	31.66 0.18 -1.39	32.19 0.22 -2.73	33.04 0.37 0.00	30.16 0.44 0.00	29.92 0.61 0.00	27.46 0.55 0.00	30.20 0.86 0.00	39.32 0.79 0.00	40.86 0.59 -8.07	32.42 0.21 0.00	38.54 0.52 -4.14	44.76 0.56 -10.00	45.78 1.03 -9.92	51.14 1.58 -4.79	70.86 2.47 -10.50	60.84 2.55 -7.24	54.37 1.94 -8.96	41.58 1.50 0.00	39.21 1.09 -3.36	35.98 0.98 0.00	38.61 1.10 0.00



V_F_30_NSYNC___DSASP 323816	46.84 2.36 0.00	35.23 1.87 0.00	33.42 1.80 0.00	31.82 1.73 0.00	30.92 1.69 0.00	34.52 1.84 0.00	31.36 1.64 0.00	30.90 1.59 0.00	28.32 1.41 0.00	30.79 1.47 0.00	40.54 2.01 0.00	33.93 1.73 0.00	33.98 1.78 0.00	35.85 1.97 0.00	36.23 2.03 0.00	36.92 2.09 0.00	47.50 2.72 0.00	61.29 3.40 0.00	54.02 2.96 0.00	45.96 2.50 0.00	42.35 2.28 0.00	36.74 1.98 0.00	36.98 1.97 0.00	39.53 2.02 0.00
V_F_30_SYNC_DSASP 323786	45.56 1.08 0.00	34.54 1.18 0.00	32.80 1.18 0.00	31.26 1.16 0.00	30.36 1.12 0.00	33.85 1.17 0.00	30.73 1.02 0.00	30.23 0.92 0.00	27.61 0.70 0.00	30.00 0.67 0.00	39.43 0.90 0.00	33.04 0.83 0.00	33.09 0.89 0.00	34.92 1.04 0.00	35.26 1.06 0.00	35.88 1.05 0.00	45.88 1.10 0.00	59.15 1.26 0.00	52.19 1.13 0.00	44.47 1.01 0.00	41.03 0.95 0.00	35.67 0.91 0.00	35.92 0.91 0.00	38.40 0.89 0.00
V_XM_10_SYNC_DSASP 323789	45.20 0.73 0.00	33.56 0.20 0.00	31.34 -0.28 0.00	29.61 -0.49 0.00	28.65 -0.58 0.00	32.25 -0.43 0.00	29.41 -0.31 0.00	28.95 -0.36 0.00	26.55 -0.36 0.00	28.90 -0.43 0.00	38.02 -0.51 0.00	31.72 -0.48 0.00	31.65 -0.55 0.00	33.24 -0.63 0.00	33.47 -0.73 0.00	34.07 -0.76 0.00	43.94 -0.84 0.00	56.86 -1.03 0.00	50.10 -0.96 0.00	42.68 -0.78 0.00	39.47 -0.61 0.00	34.15 -0.61 0.00	34.36 -0.64 0.00	36.87 -0.64 0.00
W.BABYLN_69_KV_BK1 56697	47.08 2.60 0.00	35.45 2.09 0.00	33.65 2.03 0.00	32.07 1.97 0.00	31.11 1.87 0.00	34.64 1.96 0.00	31.56 1.83 0.00	30.82 1.51 0.00	28.45 1.54 0.00	30.83 1.50 0.00	41.01 2.48 0.00	33.97 1.76 0.00	34.11 1.91 0.00	36.14 2.26 0.00	37.09 2.59 -0.30	37.71 2.74 -0.14	49.04 3.63 -0.64	64.13 4.87 -1.36	56.37 4.31 -1.00	47.70 3.68 -0.56	48.87 3.43 -5.36	45.13 3.05 -7.32	45.46 3.00 -7.45	44.72 2.91 -4.30
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	46.64 2.16 0.00	35.03 1.67 0.00	33.27 1.64 0.00	31.72 1.63 0.00	30.79 1.56 0.00	34.23 1.55 0.00	31.21 1.49 0.00	30.65 1.34 0.00	28.18 1.27 0.00	30.67 1.34 0.00	40.39 1.86 0.00	33.78 1.57 0.00	33.88 1.68 0.00	35.74 1.86 0.00	36.22 2.01 0.00	36.92 2.09 0.00	47.48 2.70 0.00	61.50 3.61 0.00	54.26 3.21 0.00	46.20 2.73 0.00	42.61 2.53 0.00	36.98 2.22 0.00	37.17 2.17 0.00	39.64 2.14 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	46.73 2.25 0.00	35.06 1.70 0.00	33.27 1.65 0.00	31.72 1.63 0.00	30.79 1.56 0.00	34.25 1.57 0.00	31.17 1.45 0.00	30.61 1.30 0.00	28.18 1.27 0.00	30.74 1.41 0.00	40.47 1.94 0.00	33.85 1.65 0.00	33.99 1.79 0.00	35.85 1.97 0.00	36.33 2.13 0.00	37.02 2.19 0.00	47.51 2.73 0.00	61.44 3.55 0.00	54.20 3.14 0.00	46.18 2.72 0.00	42.63 2.55 0.00	37.05 2.29 0.00	37.26 2.25 0.00	39.68 2.18 0.00
W50THST__13_KV_LOAD 356117	46.97 2.49 0.00	35.22 1.86 0.00	33.41 1.78 0.00	31.85 1.76 0.00	30.92 1.69 0.00	34.41 1.73 0.00	31.31 1.59 0.00	30.75 1.44 0.00	28.33 1.41 0.00	30.90 1.57 0.00	40.67 2.14 0.00	34.04 1.83 0.00	34.18 1.98 0.00	36.05 2.17 0.00	36.53 2.33 0.00	37.22 2.40 0.00	47.75 2.97 0.00	61.75 3.86 0.00	54.47 3.41 0.00	46.42 2.96 0.00	42.85 2.77 0.00	37.23 2.47 0.00	37.44 2.44 0.00	39.85 2.34 0.00
WADING RIVER_IC_1 23522	46.55 2.07 0.00	34.99 1.63 0.00	33.29 1.66 0.00	31.73 1.64 0.00	30.76 1.53 0.00	34.26 1.58 0.00	31.26 1.54 0.00	30.48 1.17 0.00	28.14 1.23 0.00	30.38 1.05 0.00	40.39 1.87 0.00	33.50 1.30 0.00	33.68 1.48 0.00	35.75 1.87 0.00	37.80 2.45 -1.15	38.00 2.64 -0.54	50.76 3.56 -2.42	67.82 4.77 -5.15	59.02 4.20 -3.75	49.15 3.59 -2.09	48.97 3.41 -5.48	44.57 3.07 -6.73	42.91 3.12 -4.78	42.56 3.05 -2.00
WADING RIVER_IC_2 23547	46.55 2.07 0.00	34.99 1.63 0.00	33.29 1.66 0.00	31.73 1.64 0.00	30.76 1.53 0.00	34.26 1.58 0.00	31.26 1.54 0.00	30.48 1.17 0.00	28.14 1.23 0.00	30.38 1.05 0.00	40.39 1.87 0.00	33.50 1.30 0.00	33.68 1.48 0.00	35.75 1.87 0.00	37.80 2.45 -1.15	38.00 2.64 -0.54	50.76 3.56 -2.42	67.82 4.77 -5.15	59.02 4.20 -3.75	49.15 3.59 -2.09	48.97 3.41 -5.48	44.57 3.07 -6.73	42.91 3.12 -4.78	42.56 3.05 -2.00
WADING RIVER_IC_3 23601	46.55 2.07 0.00	34.99 1.63 0.00	33.29 1.66 0.00	31.73 1.64 0.00	30.76 1.53 0.00	34.26 1.58 0.00	31.26 1.54 0.00	30.48 1.17 0.00	28.14 1.23 0.00	30.38 1.05 0.00	40.39 1.87 0.00	33.50 1.30 0.00	33.68 1.48 0.00	35.75 1.87 0.00	37.80 2.45 -1.15	38.00 2.64 -0.54	50.76 3.56 -2.42	67.82 4.77 -5.15	59.02 4.20 -3.75	49.15 3.59 -2.09	48.97 3.41 -5.48	44.57 3.07 -6.73	42.91 3.12 -4.78	42.56 3.05 -2.00
WALDENNY_12_KV_BK2 80841	32.28 -4.00 8.19	24.06 -2.98 6.32	27.36 -2.93 1.34	25.88 -2.95 1.26	24.03 -2.71 2.49	30.00 -2.68 0.00	27.35 -2.37 0.00	27.34 -1.98 0.00	25.02 -1.90 0.00	27.36 -1.97 0.00	35.86 -2.67 0.00	22.79 -2.05 7.36	30.12 -2.08 0.00	27.86 -2.24 3.78	22.76 -2.33 9.11	23.34 -2.44 9.05	36.97 -3.45 4.36	43.89 -4.43 9.57	40.44 -4.01 6.60	30.18 -3.55 9.74	36.84 -3.24 0.00	28.79 -2.90 3.06	32.51 -2.50 0.00	35.69 -1.82 0.00
WALDEN__HYDRO 24148	46.49 2.02 0.00	34.92 1.56 0.00	33.17 1.54 0.00	31.63 1.54 0.00	30.70 1.47 0.00	34.15 1.47 0.00	31.10 1.38 0.00	30.56 1.25 0.00	28.10 1.18 0.00	30.55 1.22 0.00	40.25 1.72 0.00	33.61 1.41 0.00	33.68 1.48 0.00	35.53 1.65 0.00	36.02 1.82 0.00	36.74 1.92 0.00	47.33 2.55 0.00	61.32 3.42 0.00	54.09 3.03 0.00	46.05 2.58 0.00	42.46 2.38 0.00	36.84 2.08 0.00	37.03 2.02 0.00	39.49 1.98 0.00
WARRENSBURG____ 23737	47.46 2.98 0.00	35.71 2.35 0.00	33.79 2.17 0.00	32.18 2.09 0.00	31.29 2.06 0.00	34.92 2.24 0.00	31.73 2.01 0.00	31.27 1.96 0.00	28.70 1.78 0.00	31.24 1.91 0.00	41.18 2.64 0.00	34.46 2.25 0.00	34.53 2.33 0.00	36.37 2.49 0.00	36.79 2.58 0.00	37.51 2.68 0.00	48.33 3.55 0.00	62.34 4.45 0.00	54.93 3.87 0.00	46.69 3.23 0.00	43.03 2.95 0.00	37.30 2.54 0.00	37.57 2.56 0.00	40.10 2.59 0.00
WATERSIDE____6 8 9 23538	46.70 2.22 0.00	35.02 1.67 0.00	33.24 1.62 0.00	31.74 1.65 0.00	30.82 1.59 0.00	34.16 1.48 0.00	31.20 1.48 0.00	30.63 1.32 0.00	28.24 1.33 0.00	30.72 1.39 0.00	40.42 1.89 0.00	33.88 1.68 0.00	33.97 1.77 0.00	35.83 1.95 0.00	36.33 2.13 0.00	37.00 2.17 0.00	47.43 2.64 0.00	61.36 3.47 0.00	54.18 3.12 0.00	46.20 2.73 0.00	42.63 2.55 0.00	37.05 2.29 0.00	37.21 2.20 0.00	39.63 2.12 0.00
WATKINRD_115KV_LN8_ILLION 55919	45.90 1.43 0.00	34.41 1.05 0.00	32.69 1.07 0.00	31.11 1.01 0.00	30.21 0.98 0.00	33.73 1.05 0.00	30.61 0.89 0.00	30.19 0.88 0.00	27.61 0.70 0.00	29.92 0.59 0.00	39.34 0.81 0.00	32.93 0.72 0.00	32.91 0.70 0.00	34.77 0.89 0.00	35.11 0.90 0.00	35.94 1.11 0.00	46.37 1.59 0.00	59.98 2.08 0.00	52.88 1.82 0.00	44.96 1.50 0.00	41.50 1.42 0.00	35.96 1.20 0.00	36.16 1.15 0.00	38.66 1.15 0.00

WDELAWARE___HYD 323627	45.93 1.45 0.00	34.46 1.11 0.00	32.72 1.10 0.00	31.19 1.10 0.00	30.29 1.06 0.00	33.72 1.04 0.00	30.70 0.98 0.00	30.19 0.89 0.00	27.76 0.85 0.00	30.22 0.89 0.00	39.78 1.25 0.00	33.18 0.98 0.00	33.21 1.01 0.00	34.95 1.08 0.00	35.57 1.37 0.00	36.35 1.53 0.00	46.88 2.10 0.00	60.78 2.88 0.00	53.62 2.56 0.00	45.62 2.16 0.00	42.05 1.97 0.00	36.46 1.70 0.00	36.62 1.61 0.00	39.05 1.54 0.00
WEST BABYLON___IC 23714	47.08 2.60 0.00	35.45 2.09 0.00	33.65 2.03 0.00	32.07 1.97 0.00	31.11 1.87 0.00	34.64 1.96 0.00	31.56 1.83 0.00	30.82 1.51 0.00	28.45 1.54 0.00	30.83 1.50 0.00	41.01 2.48 0.00	33.97 1.76 0.00	34.11 1.91 0.00	36.14 2.26 0.00	37.09 2.59 -0.30	37.71 2.74 -0.14	49.04 3.63 -0.64	64.13 4.87 -1.36	56.37 4.31 -1.00	47.70 3.68 -0.56	48.87 3.43 -5.36	45.13 3.05 -7.32	45.46 3.00 -7.45	44.72 2.91 -4.30
WEST CANADA___HYD 24049	44.62 0.14 0.00	33.50 0.15 0.00	31.81 0.18 0.00	30.27 0.18 0.00	29.41 0.18 0.00	32.85 0.17 0.00	29.84 0.12 0.00	29.43 0.12 0.00	27.00 0.09 0.00	29.44 0.12 0.00	38.68 0.15 0.00	32.34 0.13 0.00	32.34 0.14 0.00	34.04 0.16 0.00	34.37 0.17 0.00	35.02 0.19 0.00	45.00 0.22 0.00	58.19 0.29 0.00	51.31 0.25 0.00	43.68 0.22 0.00	40.25 0.17 0.00	34.94 0.17 0.00	35.19 0.18 0.00	37.68 0.17 0.00
WESTERN_NY_WIND 24143	35.58 -2.83 6.08	26.58 -2.09 4.69	28.56 -2.08 0.99	27.01 -2.14 0.94	25.47 -1.91 1.85	30.86 -1.82 0.00	28.18 -1.54 0.00	28.16 -1.15 0.00	25.76 -1.15 0.00	28.17 -1.16 0.00	36.89 -1.64 0.00	25.66 -1.13 5.41	31.04 -1.16 0.00	29.85 -1.23 2.80	26.16 -1.31 6.74	26.82 -1.30 6.71	39.62 -1.93 3.24	48.46 -2.34 7.10	43.95 -2.22 4.90	34.49 -2.02 6.96	38.13 -1.95 0.00	30.61 -1.88 2.27	33.45 -1.55 0.00	36.62 -0.89 0.00
WESTOVER___LESR 323668	42.08 -0.49 1.91	31.56 -0.32 1.47	31.05 -0.26 0.31	29.57 -0.23 0.29	28.47 -0.18 0.58	32.46 -0.22 0.00	29.52 -0.20 0.00	29.18 -0.13 0.00	26.76 -0.15 0.00	29.21 -0.12 0.00	38.30 -0.23 0.00	30.16 -0.26 1.79	31.97 -0.23 0.00	32.77 -0.23 0.88	31.86 -0.19 2.16	32.55 -0.17 2.11	43.62 -0.14 1.02	55.50 -0.17 2.23	49.41 -0.11 1.54	42.05 -0.15 1.26	39.96 -0.12 0.00	33.94 -0.10 0.71	34.96 -0.04 0.00	37.50 -0.01 0.00
WETHRSFD_WT_PWR 323626	26.32 -5.21 12.94	19.47 -3.90 9.99	25.74 -3.77 2.11	24.40 -3.70 2.00	21.89 -3.41 3.93	29.14 -3.54 0.00	26.55 -3.17 0.00	26.55 -2.76 0.00	24.28 -2.64 0.00	26.40 -2.92 0.00	34.53 -4.00 0.00	16.01 -3.37 12.82	28.91 -3.29 0.00	24.46 -3.45 5.96	15.65 -3.60 14.95	16.92 -3.62 14.29	33.08 -4.81 6.89	36.48 -6.30 15.12	35.10 -5.53 10.43	17.12 -4.86 21.48	35.81 -4.27 0.00	26.21 -3.71 4.84	31.67 -3.33 0.00	34.57 -2.94 0.00
WHAVSTOR_138KV_BK127 55557	46.40 1.92 0.00	34.85 1.49 0.00	33.10 1.48 0.00	31.58 1.48 0.00	30.64 1.40 0.00	34.06 1.38 0.00	31.05 1.32 0.00	30.49 1.19 0.00	28.04 1.13 0.00	30.52 1.19 0.00	40.19 1.66 0.00	33.60 1.40 0.00	33.71 1.51 0.00	35.56 1.68 0.00	36.02 1.82 0.00	36.71 1.88 0.00	47.19 2.41 0.00	61.11 3.22 0.00	53.92 2.87 0.00	45.91 2.46 0.00	42.34 2.26 0.00	36.76 1.99 0.00	36.96 1.96 0.00	39.42 1.91 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	46.40 1.92 0.00	34.85 1.49 0.00	33.10 1.48 0.00	31.58 1.48 0.00	30.64 1.40 0.00	34.06 1.38 0.00	31.05 1.32 0.00	30.49 1.19 0.00	28.04 1.13 0.00	30.52 1.19 0.00	40.19 1.66 0.00	33.60 1.40 0.00	33.71 1.51 0.00	35.56 1.68 0.00	36.02 1.82 0.00	36.71 1.88 0.00	47.19 2.41 0.00	61.11 3.22 0.00	53.92 2.87 0.00	45.91 2.46 0.00	42.34 2.26 0.00	36.76 1.99 0.00	36.96 1.96 0.00	39.42 1.91 0.00
WHITEHAL_115KV_TB1 80871	48.53 4.06 0.00	36.61 3.25 0.00	34.33 2.70 0.00	32.68 2.59 0.00	31.88 2.65 0.00	35.52 2.84 0.00	32.23 2.51 0.00	31.72 2.41 0.00	29.18 2.27 0.00	32.04 2.71 0.00	42.28 3.75 0.00	35.28 3.08 0.00	35.47 3.27 0.00	37.33 3.45 0.00	37.82 3.61 0.00	38.48 3.65 0.00	49.95 5.17 0.00	64.05 6.16 0.00	56.40 5.35 0.00	47.82 4.36 0.00	43.86 3.78 0.00	38.14 3.38 0.00	38.44 3.44 0.00	40.85 3.34 0.00
WHITEPLN_13_KV_LOAD 356215	46.90 2.42 0.00	35.20 1.84 0.00	33.43 1.80 0.00	31.88 1.79 0.00	30.94 1.71 0.00	34.39 1.71 0.00	31.35 1.63 0.00	30.79 1.48 0.00	28.32 1.41 0.00	30.83 1.51 0.00	40.62 2.09 0.00	33.97 1.77 0.00	34.09 1.89 0.00	35.97 2.09 0.00	36.44 2.24 0.00	37.15 2.32 0.00	47.75 2.97 0.00	61.85 3.96 0.00	54.57 3.51 0.00	46.48 3.02 0.00	42.86 2.78 0.00	37.21 2.45 0.00	37.40 2.39 0.00	39.84 2.34 0.00
WM_FLOYD_69_KV_BK2 356380	46.56 2.09 0.00	35.03 1.68 0.00	33.33 1.70 0.00	31.76 1.67 0.00	30.79 1.56 0.00	34.29 1.61 0.00	31.28 1.56 0.00	30.50 1.19 0.00	28.16 1.25 0.00	30.41 1.08 0.00	40.46 1.93 0.00	33.53 1.32 0.00	33.71 1.51 0.00	35.73 1.86 0.00	37.64 2.34 -1.10	37.86 2.53 -0.51	50.48 3.39 -2.31	67.33 4.54 -4.90	58.63 4.00 -3.57	48.87 3.42 -1.99	48.79 3.26 -5.45	44.44 2.95 -6.73	42.85 2.99 -4.85	42.50 2.94 -2.05
WOODARD___115KV_TB2 355635	43.69 -0.79 0.00	32.83 -0.52 0.00	31.15 -0.47 0.00	29.64 -0.46 0.00	28.84 -0.40 0.00	32.25 -0.43 0.00	29.35 -0.37 0.00	29.00 -0.31 0.00	26.63 -0.28 0.00	29.05 -0.28 0.00	38.11 -0.42 0.00	31.85 -0.36 0.00	31.80 -0.40 0.00	33.45 -0.43 0.00	33.78 -0.42 0.00	34.42 -0.41 0.00	44.27 -0.51 0.00	57.23 -0.67 0.00	50.46 -0.60 0.00	42.91 -0.55 0.00	39.54 -0.54 0.00	34.28 -0.48 0.00	34.55 -0.45 0.00	37.03 -0.48 0.00
WOODMERE_69_KV_BK1 55827	47.04 2.56 0.00	35.36 2.01 0.00	33.58 1.96 0.00	32.01 1.92 0.00	31.03 1.80 0.00	34.48 1.80 0.00	31.41 1.70 0.00	30.76 1.45 0.00	28.38 1.47 0.00	30.81 1.47 0.00	40.95 2.42 -0.01	34.00 1.80 0.00	34.16 1.96 0.00	36.19 2.29 -0.02	36.66 2.45 0.00	37.35 2.52 0.00	47.99 3.21 0.00	62.12 4.22 -0.01	54.85 3.77 -0.02	46.70 3.23 -0.01	50.15 3.00 -7.07	47.40 2.67 -9.97	81.05 2.70 -43.34	81.72 2.72 -41.50
YORK___WARBASSE 23770	46.80 2.33 0.00	35.14 1.78 0.00	33.37 1.74 0.00	31.85 1.76 0.00	30.91 1.68 0.00	34.28 1.60 0.00	31.32 1.60 0.00	30.75 1.44 0.00	28.36 1.44 0.00	30.82 1.49 0.00	40.59 2.06 0.00	34.00 1.80 0.00	34.06 1.86 0.00	35.94 2.06 0.00	36.46 2.25 0.00	37.13 2.30 0.00	47.61 2.83 0.00	61.62 3.73 0.00	54.45 3.39 0.00	46.43 2.97 0.00	42.83 2.75 0.00	37.22 2.46 0.00	37.36 2.35 0.00	39.82 2.31 0.00