

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

06/29/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	33.60	30.09	30.12	27.23	26.49	25.80	23.64	75.72	35.37	87.53	40.42	39.26	40.24	39.03	41.55	43.33	40.45	38.38	37.70	33.30	37.07	41.62	34.81	31.08
24138	1.99	1.75	1.49	1.28	1.24	1.27	1.30	1.18	2.00	2.06	2.74	2.85	2.96	2.88	3.19	3.38	3.22	3.12	2.78	2.11	2.14	2.28	2.01	1.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-54.84	-2.32	-53.86	0.00	0.00	0.00	-1.96	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	33.64	30.13	30.16	27.27	26.53	25.84	23.66	75.71	35.37	87.48	40.38	39.24	40.20	38.98	41.51	43.29	40.41	38.36	37.69	33.30	37.10	41.68	34.84	31.10
24260	2.03	1.79	1.52	1.33	1.28	1.31	1.33	1.20	2.01	2.04	2.71	2.83	2.93	2.83	3.16	3.34	3.19	3.11	2.77	2.12	2.17	2.33	2.05	1.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-54.81	-2.32	-53.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	33.64	30.13	30.16	27.27	26.53	25.84	23.66	75.71	35.37	87.48	40.38	39.24	40.20	38.98	41.51	43.29	40.41	38.36	37.69	33.30	37.10	41.68	34.84	31.10
24261	2.03	1.79	1.52	1.33	1.28	1.31	1.33	1.20	2.01	2.04	2.71	2.83	2.93	2.83	3.16	3.34	3.19	3.11	2.77	2.12	2.17	2.33	2.05	1.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-54.81	-2.32	-53.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	33.69	30.09	30.30	27.45	26.73	26.08	23.87	33.36	33.81	45.88	40.27	39.08	39.82	36.79	40.75	42.34	39.55	37.56	37.31	33.20	37.41	42.03	35.14	31.38
24011	2.08	1.75	1.66	1.50	1.48	1.55	1.53	1.38	2.24	2.20	2.59	2.67	2.54	2.16	2.39	2.39	2.32	2.30	2.39	2.00	2.48	2.68	2.34	2.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.28	-0.52	-12.06	0.00	0.00	0.00	-0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	33.89	30.25	30.46	27.59	26.88	26.24	24.08	33.52	34.13	46.17	40.66	39.47	40.19	37.11	41.11	42.75	39.93	37.89	37.64	33.41	37.64	42.28	35.39	31.64
23798	2.28	1.91	1.82	1.64	1.63	1.71	1.74	1.56	2.56	2.52	2.98	3.06	2.91	2.48	2.75	2.80	2.71	2.63	2.71	2.23	2.70	2.93	2.59	2.33
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.26	-0.52	-12.04	0.00	0.00	0.00	-0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	33.69	30.09	30.30	27.45	26.73	26.08	23.87	33.36	33.81	45.88	40.27	39.08	39.82	36.79	40.75	42.34	39.55	37.56	37.31	33.20	37.41	42.03	35.14	31.38
24028	2.08	1.75	1.66	1.50	1.48	1.55	1.53	1.38	2.24	2.20	2.59	2.67	2.54	2.16	2.39	2.39	2.32	2.30	2.39	2.00	2.48	2.68	2.34	2.07
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.28	-0.52	-12.06	0.00	0.00	0.00	-0.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	33.52	30.22	30.44	27.56	26.83	26.10	23.66	34.94	33.53	47.24	39.93	38.77	39.63	36.80	40.62	41.92	39.16	37.20	36.79	32.90	36.87	41.41	34.67	31.01
23527	1.91	1.88	1.80	1.62	1.58	1.57	1.33	1.17	1.89	1.80	2.25	2.36	2.36	2.10	2.26	1.97	1.94	1.95	1.86	1.70	1.94	2.06	1.87	1.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-14.07	-0.60	-13.82	0.00	0.00	0.00	-0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	32.25	29.03	29.20	26.50	25.79	25.11	22.86	32.91	32.27	44.73	38.52	37.38	38.25	35.50	39.28	40.81	38.09	36.18	35.74	31.83	35.62	40.04	33.50	29.92
24190	0.64	0.69	0.56	0.55	0.54	0.58	0.53	0.46	0.68	0.60	0.85	0.97	0.97	0.86	0.92	0.85	0.87	0.92	0.81	0.64	0.69	0.70	0.70	0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.74	-0.54	-12.51	0.00	0.00	0.00	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	31.48	28.19	28.59	25.95	25.22	24.47	22.31	19.65	30.95	31.53	37.48	36.14	36.99	33.80	38.04	39.65	36.82	34.76	34.47	30.88	34.73	39.33	32.66	29.18
355683	-0.13	-0.15	-0.05	0.00	-0.03	-0.06	-0.02	-0.05	-0.10	-0.09	-0.19	-0.27	-0.28	-0.39	-0.32	-0.31	-0.41	-0.50	-0.46	-0.31	-0.21	-0.02	-0.14	-0.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	32.25	29.03	29.20	26.50	25.79	25.11	22.86	32.91	32.27	44.73	38.52	37.38	38.25	35.50	39.28	40.81	38.09	36.18	35.74	31.83	35.62	40.04	33.50	29.92
23571	0.64	0.69	0.56	0.55	0.54	0.58	0.53	0.46	0.68	0.60	0.85	0.97	0.97	0.86	0.92	0.85	0.87	0.92	0.81	0.64	0.69	0.70	0.70	0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.74	-0.54	-12.51	0.00	0.00	0.00	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___2	32.25	29.03	29.20	26.50	25.79	25.11	22.86	32.91	32.27	44.73	38.52	37.38	38.25	35.50	39.28	40.81	38.09	36.18	35.74	31.83	35.62	40.04	33.50	29.92
23572	0.64	0.69	0.56	0.55	0.54	0.58	0.53	0.46	0.68	0.60	0.85	0.97	0.97	0.86	0.92	0.85	0.87	0.92	0.81	0.64	0.69	0.70	0.70	0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.74	-0.54	-12.51	0.00	0.00	0.00	-0.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	32.25	29.03	29.20	26.50	25.79	25.11	22.86	32.91	32.27	44.73	38.52	37.38	38.25	35.50	39.28	40.81	38.09	36.18	35.74	31.83	35.62	40.04	33.50	29.92
23573	0.64	0.69	0.56	0.55	0.54	0.58	0.53	0.46	0.68	0.60	0.85	0.97	0.97	0.86	0.92	0.85	0.87	0.92	0.81	0.64	0.69	0.70	0.70	0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-12.74	-0.54	-12.51	0.00	0.00	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___4 23574	32.25 0.64 0.00	29.03 0.69 0.00	29.20 0.56 0.00	26.50 0.55 0.00	25.79 0.54 0.00	25.11 0.58 0.00	22.86 0.53 0.00	32.91 0.46 -12.74	32.27 0.68 -0.54	44.73 0.60 -12.51	38.52 0.85 0.00	37.38 0.97 0.00	38.25 0.97 0.00	35.50 0.86 -0.46	39.28 0.92 0.00	40.81 0.85 0.00	38.09 0.87 0.00	36.18 0.92 0.00	35.74 0.81 0.00	31.83 0.64 0.00	35.62 0.69 0.00	40.04 0.70 0.00	33.50 0.70 0.00	29.92 0.61 0.00
ALBANY___LFGE 323615	32.58 0.98 0.00	29.33 0.99 0.00	29.50 0.87 0.00	26.76 0.82 0.00	26.05 0.80 0.00	25.36 0.83 0.00	23.09 0.76 0.00	33.06 0.68 -12.68	32.64 1.06 -0.54	45.08 1.00 -12.46	39.01 1.33 0.00	37.85 1.44 0.00	38.73 1.46 0.00	35.95 1.31 -0.45	39.78 1.42 0.00	41.34 1.39 0.00	38.61 1.39 0.00	36.65 1.40 0.00	36.19 1.27 0.00	32.24 1.04 0.00	36.08 1.14 0.00	40.53 1.19 0.00	33.89 1.09 0.00	30.26 0.95 0.00
ALCOA_PA_115KV_PL-6C 55860	31.77 0.17 0.00	28.44 0.10 0.00	28.87 0.23 0.00	26.20 0.25 0.00	25.47 0.21 0.00	24.69 0.17 0.00	22.51 0.18 0.00	19.81 0.11 0.00	31.20 0.15 0.00	31.80 0.19 0.00	37.79 0.12 0.00	36.42 0.01 0.00	37.27 -0.01 0.00	33.92 -0.27 0.00	38.16 -0.20 0.00	39.78 -0.17 0.00	36.93 -0.30 0.00	34.86 -0.40 0.00	34.57 -0.36 0.00	30.98 -0.21 0.00	34.87 -0.07 0.00	39.65 0.31 0.00	32.96 0.16 0.00	29.47 0.15 0.00
ALCOA_RYNLDS___DRP 24188	31.77 0.17 0.00	28.44 0.10 0.00	28.87 0.23 0.00	26.20 0.25 0.00	25.47 0.21 0.00	24.69 0.17 0.00	22.51 0.18 0.00	19.81 0.11 0.00	31.20 0.15 0.00	31.80 0.19 0.00	37.79 0.12 0.00	36.42 0.01 0.00	37.27 -0.01 0.00	33.92 -0.27 0.00	38.16 -0.20 0.00	39.78 -0.17 0.00	36.93 -0.30 0.00	34.86 -0.40 0.00	34.57 -0.36 0.00	30.98 -0.21 0.00	34.87 -0.07 0.00	39.65 0.31 0.00	32.96 0.16 0.00	29.47 0.15 0.00
ALCOA___DSASP 323711	31.78 0.17 0.00	28.44 0.10 0.00	28.86 0.22 0.00	26.20 0.25 0.00	25.47 0.21 0.00	24.69 0.17 0.00	22.51 0.18 0.00	19.81 0.11 0.00	31.20 0.15 0.00	31.80 0.19 0.00	37.79 0.12 0.00	36.42 0.01 0.00	37.27 -0.01 0.00	33.92 -0.27 0.00	38.16 -0.20 0.00	39.78 -0.17 0.00	36.93 -0.30 0.00	34.86 -0.40 0.00	34.57 -0.36 0.00	30.98 -0.21 0.00	34.87 -0.07 0.00	39.65 0.31 0.00	32.96 0.16 0.00	29.47 0.15 0.00
ALLEGHENY___COGEN 23514	31.50 -0.10 0.00	28.15 -0.19 0.00	28.28 -0.35 0.00	25.61 -0.34 0.00	25.08 -0.17 0.00	24.66 0.13 0.00	22.57 0.24 0.00	19.93 0.23 0.00	31.28 0.23 0.00	31.48 -0.14 0.00	37.16 -0.52 0.00	35.76 -0.65 0.00	36.62 -0.66 0.00	33.59 -0.59 0.00	36.74 -1.62 0.00	37.14 -2.82 0.00	33.58 -3.64 0.00	32.56 -2.70 0.00	32.34 -2.58 0.00	29.33 -1.86 0.00	33.31 -1.63 0.00	40.17 0.83 0.00	33.66 0.86 0.00	30.17 0.87 0.00
ALTAMONT_115KV_TB 2 55880	32.66 1.06 0.00	29.36 1.02 0.00	29.57 0.93 0.00	26.78 0.83 0.00	26.05 0.80 0.00	25.33 0.81 0.00	23.06 0.73 0.00	32.73 0.65 -12.39	32.62 1.04 -0.52	44.77 0.99 -12.16	38.96 1.29 0.00	37.77 1.36 0.00	38.65 1.37 0.00	35.90 1.26 -0.44	39.74 1.38 0.00	41.30 1.34 0.00	38.56 1.34 0.00	36.60 1.34 0.00	36.17 1.25 0.00	32.21 1.02 0.00	36.06 1.12 0.00	40.53 1.18 0.00	33.89 1.09 0.00	30.27 0.95 0.00
ALTONA_WT_PWR 323606	31.81 0.20 0.00	28.51 0.17 0.00	28.84 0.20 0.00	26.13 0.19 0.00	25.40 0.15 0.00	24.79 0.26 0.00	22.72 0.39 0.00	20.11 0.41 0.00	31.74 0.68 0.00	32.15 0.54 0.00	38.43 0.75 0.00	37.06 0.64 0.00	37.84 0.57 0.00	34.61 0.42 0.00	39.00 0.64 0.00	40.48 0.52 0.00	37.49 0.27 0.00	35.47 0.22 0.00	35.20 0.28 0.00	31.52 0.33 0.00	35.38 0.45 0.00	40.01 0.67 0.00	33.23 0.43 0.00	29.67 0.36 0.00
AMERICAN_REF_FUEL 24010	30.57 -1.04 0.00	27.21 -1.13 0.00	27.62 -1.02 0.00	25.06 -0.89 0.00	24.47 -0.78 0.00	23.61 -0.92 0.00	21.58 -0.76 0.00	19.02 -0.68 0.00	30.08 -0.97 0.00	31.13 -0.48 0.00	36.63 -1.04 0.00	35.19 -1.22 0.00	35.81 -1.47 0.00	32.85 -1.34 0.00	36.54 -1.83 0.00	38.00 -1.96 0.00	35.72 -1.50 0.00	34.02 -1.23 0.00	33.65 -1.27 0.00	30.33 -0.86 0.00	33.84 -1.09 0.00	38.25 -1.10 0.00	32.04 -0.75 0.00	29.06 -0.25 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	31.86 0.25 0.00	28.39 0.05 0.00	28.84 0.20 0.00	26.13 0.18 0.00	25.55 0.30 0.00	24.76 0.23 0.00	22.73 0.40 0.00	20.21 0.51 0.00	32.05 1.00 0.00	33.04 1.43 0.00	39.20 1.52 0.00	37.76 1.35 0.00	38.51 1.23 0.00	35.28 1.09 0.00	39.42 1.06 0.00	40.98 1.01 0.00	38.32 1.09 0.00	36.54 1.28 0.00	36.10 1.18 0.00	32.35 1.16 0.00	36.01 1.07 0.00	40.61 1.27 0.00	33.80 1.01 0.00	30.43 1.12 0.00
ARTHUR_KILL_GT_1 23520	33.37 1.77 0.00	29.98 1.65 0.00	30.00 1.36 0.00	27.12 1.17 0.00	26.39 1.13 0.00	25.70 1.18 0.00	23.38 1.05 0.00	23.95 0.90 -3.36	6.58 1.52 25.99	32.46 1.51 0.66	32.63 2.07 7.12	32.78 2.25 5.89	32.75 2.39 6.91	34.74 2.34 1.80	36.15 2.64 4.85	36.99 2.78 5.74	33.71 2.70 6.22	35.15 2.64 2.75	37.22 2.30 0.00	33.02 1.83 0.00	36.71 1.78 0.00	41.31 1.97 0.00	34.59 1.79 0.00	30.95 1.64 0.00
ARTHUR_KILL_2 23512	33.28 1.67 0.00	29.90 1.56 0.00	29.91 1.27 0.00	27.05 1.10 0.00	26.32 1.07 0.00	25.63 1.10 0.00	23.32 0.99 0.00	23.90 0.84 -3.36	6.49 1.43 25.99	32.36 1.41 0.66	32.51 1.95 7.12	32.65 2.13 5.89	32.62 2.26 6.91	34.61 2.21 1.80	36.01 2.50 4.85	36.84 2.63 5.74	33.56 2.55 6.22	35.01 2.50 2.75	37.08 2.16 0.00	32.90 1.71 0.00	36.58 1.64 0.00	41.15 1.81 0.00	34.46 1.66 0.00	30.85 1.54 0.00
ARTHUR_KILL_3 23513	33.21 1.61 0.00	29.75 1.41 0.00	29.78 1.14 0.00	26.92 0.97 0.00	26.19 0.94 0.00	25.49 0.96 0.00	23.35 1.01 0.00	23.96 0.89 -3.37	33.82 1.50 -1.27	53.21 1.51 -20.09	39.76 2.09 0.00	38.63 2.22 0.00	39.60 2.32 0.00	38.13 2.26 -1.68	40.86 2.50 0.00	42.62 2.66 0.00	39.80 2.58 0.00	37.78 2.52 0.00	37.12 2.19 0.00	32.79 1.60 0.00	36.54 1.61 0.00	41.05 1.70 0.00	34.32 1.52 0.00	30.67 1.35 0.00
ARTHUR_KILL_COGEN 323718	33.37 1.77 0.00	29.98 1.65 0.00	30.00 1.36 0.00	27.12 1.17 0.00	26.39 1.13 0.00	25.70 1.18 0.00	23.38 1.05 0.00	23.95 0.90 -3.36	6.58 1.52 25.99	32.46 1.51 0.66	32.63 2.07 7.12	32.78 2.25 5.89	32.75 2.39 6.91	34.74 2.34 1.80	36.15 2.64 4.85	36.99 2.78 5.74	33.71 2.70 6.22	35.15 2.64 2.75	37.22 2.30 0.00	33.02 1.83 0.00	36.71 1.78 0.00	41.31 1.97 0.00	34.59 1.79 0.00	30.95 1.64 0.00
ASHOKAN____ 23654	32.90 1.29 0.00	29.48 1.14 0.00	29.70 1.06 0.00	26.89 0.94 0.00	26.16 0.91 0.00	25.37 0.84 0.00	23.16 0.83 0.00	29.24 0.78 -8.76	32.68 1.26 -0.37	41.58 1.36 -8.60	39.24 1.57 0.00	38.21 1.80 0.00	39.00 1.72 0.00	36.09 1.59 -0.31	40.18 1.82 0.00	41.90 1.95 0.00	39.26 2.04 0.00	37.20 1.95 0.00	36.78 1.85 0.00	32.75 1.56 0.00	36.63 1.70 0.00	41.19 1.85 0.00	34.32 1.52 0.00	30.54 1.23 0.00



ASTORIA_EAST_ENERGY_CC1 323581	33.32 1.72 0.00	29.93 1.59 0.00	29.89 1.25 0.00	27.03 1.08 0.00	26.31 1.05 0.00	25.64 1.11 0.00	23.49 1.16 0.00	75.50 0.99 -54.81	35.02 1.65 -2.32	87.03 1.59 -53.83	39.80 2.12 0.00	38.72 2.30 0.00	39.70 2.42 0.00	38.51 2.36 -1.96	41.05 2.69 0.00	42.75 2.80 0.00	39.94 2.72 0.00	37.89 2.63 0.00	37.19 2.26 0.00	32.87 1.68 0.00	36.56 1.62 0.00	41.16 1.82 0.00	34.49 1.69 0.00	30.82 1.51 0.00
ASTORIA_EAST_ENERGY_CC2 323582	33.31 1.71 0.00	29.90 1.56 0.00	29.88 1.24 0.00	27.03 1.08 0.00	26.31 1.05 0.00	25.64 1.11 0.00	23.49 1.16 0.00	75.50 0.99 -54.81	35.02 1.65 -2.32	87.03 1.59 -53.83	39.80 2.12 0.00	38.72 2.30 0.00	39.70 2.42 0.00	38.51 2.36 -1.96	41.05 2.69 0.00	42.76 2.80 0.00	39.94 2.72 0.00	37.89 2.63 0.00	37.19 2.26 0.00	32.87 1.68 0.00	36.56 1.62 0.00	41.16 1.82 0.00	34.49 1.69 0.00	30.82 1.51 0.00
ASTORIA_GT2_1 24094	33.35 1.74 0.00	29.94 1.60 0.00	29.90 1.26 0.00	27.04 1.09 0.00	26.32 1.06 0.00	25.66 1.13 0.00	23.51 1.17 0.00	75.52 1.01 -54.81	35.05 1.68 -2.32	87.05 1.61 -53.83	39.82 2.15 0.00	38.74 2.33 0.00	39.72 2.44 0.00	38.53 2.38 -1.96	41.07 2.72 0.00	42.77 2.82 0.00	39.96 2.74 0.00	37.91 2.66 0.00	37.20 2.27 0.00	32.89 1.70 0.00	36.58 1.65 0.00	41.17 1.83 0.00	34.50 1.71 0.00	30.84 1.52 0.00
ASTORIA_GT2_2 24095	33.35 1.74 0.00	29.94 1.60 0.00	29.90 1.26 0.00	27.04 1.09 0.00	26.32 1.06 0.00	25.66 1.13 0.00	23.51 1.17 0.00	75.52 1.01 -54.81	35.05 1.68 -2.32	87.05 1.61 -53.83	39.82 2.15 0.00	38.74 2.33 0.00	39.72 2.44 0.00	38.53 2.38 -1.96	41.07 2.72 0.00	42.77 2.82 0.00	39.96 2.74 0.00	37.91 2.66 0.00	37.20 2.27 0.00	32.89 1.70 0.00	36.58 1.65 0.00	41.17 1.83 0.00	34.50 1.71 0.00	30.84 1.52 0.00
ASTORIA_GT2_3 24096	33.35 1.74 0.00	29.94 1.60 0.00	29.90 1.26 0.00	27.04 1.09 0.00	26.32 1.06 0.00	25.66 1.13 0.00	23.51 1.17 0.00	75.52 1.01 -54.81	35.05 1.68 -2.32	87.05 1.61 -53.83	39.82 2.15 0.00	38.74 2.33 0.00	39.72 2.44 0.00	38.53 2.38 -1.96	41.07 2.72 0.00	42.77 2.82 0.00	39.96 2.74 0.00	37.91 2.66 0.00	37.20 2.27 0.00	32.89 1.70 0.00	36.58 1.65 0.00	41.17 1.83 0.00	34.50 1.71 0.00	30.84 1.52 0.00
ASTORIA_GT2_4 24097	33.35 1.74 0.00	29.94 1.60 0.00	29.90 1.26 0.00	27.04 1.09 0.00	26.32 1.06 0.00	25.66 1.13 0.00	23.51 1.17 0.00	75.52 1.01 -54.81	35.05 1.68 -2.32	87.05 1.61 -53.83	39.82 2.15 0.00	38.74 2.33 0.00	39.72 2.44 0.00	38.53 2.38 -1.96	41.07 2.72 0.00	42.77 2.82 0.00	39.96 2.74 0.00	37.91 2.66 0.00	37.20 2.27 0.00	32.89 1.70 0.00	36.58 1.65 0.00	41.17 1.83 0.00	34.50 1.71 0.00	30.84 1.52 0.00
ASTORIA_GT3_1 24098	33.34 1.73 0.00	29.91 1.57 0.00	29.89 1.25 0.00	27.04 1.09 0.00	26.32 1.06 0.00	25.66 1.13 0.00	23.51 1.17 0.00	75.52 1.01 -54.81	35.05 1.68 -2.32	87.05 1.61 -53.83	39.82 2.15 0.00	38.74 2.33 0.00	39.72 2.44 0.00	38.53 2.38 -1.96	41.07 2.72 0.00	42.77 2.82 0.00	39.96 2.74 0.00	37.91 2.66 0.00	37.20 2.27 0.00	32.89 1.70 0.00	36.58 1.65 0.00	41.17 1.83 0.00	34.50 1.71 0.00	30.84 1.52 0.00
ASTORIA_GT3_2 24099	33.34 1.73 0.00	29.91 1.57 0.00	29.89 1.25 0.00	27.04 1.09 0.00	26.32 1.06 0.00	25.66 1.13 0.00	23.51 1.17 0.00	75.52 1.01 -54.81	35.05 1.68 -2.32	87.05 1.61 -53.83	39.82 2.15 0.00	38.74 2.33 0.00	39.72 2.44 0.00	38.53 2.38 -1.96	41.07 2.72 0.00	42.77 2.82 0.00	39.96 2.74 0.00	37.91 2.66 0.00	37.20 2.27 0.00	32.89 1.70 0.00	36.58 1.65 0.00	41.17 1.83 0.00	34.50 1.71 0.00	30.84 1.52 0.00
ASTORIA_GT3_3 24100	33.34 1.73 0.00	29.91 1.57 0.00	29.89 1.25 0.00	27.04 1.09 0.00	26.32 1.06 0.00	25.66 1.13 0.00	23.51 1.17 0.00	75.52 1.01 -54.81	35.05 1.68 -2.32	87.05 1.61 -53.83	39.82 2.15 0.00	38.74 2.33 0.00	39.72 2.44 0.00	38.53 2.38 -1.96	41.07 2.72 0.00	42.77 2.82 0.00	39.96 2.74 0.00	37.91 2.66 0.00	37.20 2.27 0.00	32.89 1.70 0.00	36.58 1.65 0.00	41.17 1.83 0.00	34.50 1.71 0.00	30.84 1.52 0.00
ASTORIA_GT3_4 24101	33.34 1.73 0.00	29.91 1.57 0.00	29.89 1.25 0.00	27.04 1.09 0.00	26.32 1.06 0.00	25.66 1.13 0.00	23.51 1.17 0.00	75.52 1.01 -54.81	35.05 1.68 -2.32	87.05 1.61 -53.83	39.82 2.15 0.00	38.74 2.33 0.00	39.72 2.44 0.00	38.53 2.38 -1.96	41.07 2.72 0.00	42.77 2.82 0.00	39.96 2.74 0.00	37.91 2.66 0.00	37.20 2.27 0.00	32.89 1.70 0.00	36.58 1.65 0.00	41.17 1.83 0.00	34.50 1.71 0.00	30.84 1.52 0.00
ASTORIA_GT4_1 24102	33.34 1.73 0.00	29.91 1.57 0.00	29.89 1.25 0.00	27.04 1.09 0.00	26.32 1.06 0.00	25.66 1.13 0.00	23.51 1.17 0.00	75.52 1.01 -54.81	35.05 1.68 -2.32	87.05 1.61 -53.83	39.82 2.15 0.00	38.74 2.33 0.00	39.72 2.44 0.00	38.53 2.38 -1.96	41.07 2.72 0.00	42.77 2.82 0.00	39.96 2.74 0.00	37.91 2.66 0.00	37.20 2.27 0.00	32.89 1.70 0.00	36.58 1.65 0.00	41.17 1.83 0.00	34.50 1.71 0.00	30.84 1.52 0.00
ASTORIA_GT4_2 24103	33.34 1.73 0.00	29.91 1.57 0.00	29.89 1.25 0.00	27.04 1.09 0.00	26.32 1.06 0.00	25.66 1.13 0.00	23.51 1.17 0.00	75.52 1.01 -54.81	35.05 1.68 -2.32	87.05 1.61 -53.83	39.82 2.15 0.00	38.74 2.33 0.00	39.72 2.44 0.00	38.53 2.38 -1.96	41.07 2.72 0.00	42.77 2.82 0.00	39.96 2.74 0.00	37.91 2.66 0.00	37.20 2.27 0.00	32.89 1.70 0.00	36.58 1.65 0.00	41.17 1.83 0.00	34.50 1.71 0.00	30.84 1.52 0.00
ASTORIA_GT4_3 24104	33.34 1.73 0.00	29.91 1.57 0.00	29.89 1.25 0.00	27.04 1.09 0.00	26.32 1.06 0.00	25.66 1.13 0.00	23.51 1.17 0.00	75.52 1.01 -54.81	35.05 1.68 -2.32	87.05 1.61 -53.83	39.82 2.15 0.00	38.74 2.33 0.00	39.72 2.44 0.00	38.53 2.38 -1.96	41.07 2.72 0.00	42.77 2.82 0.00	39.96 2.74 0.00	37.91 2.66 0.00	37.20 2.27 0.00	32.89 1.70 0.00	36.58 1.65 0.00	41.17 1.83 0.00	34.50 1.71 0.00	30.84 1.52 0.00
ASTORIA_GT4_4 24105	33.34 1.73 0.00	29.91 1.57 0.00	29.89 1.25 0.00	27.04 1.09 0.00	26.32 1.06 0.00	25.66 1.13 0.00	23.51 1.17 0.00	75.52 1.01 -54.81	35.05 1.68 -2.32	87.05 1.61 -53.83	39.82 2.15 0.00	38.74 2.33 0.00	39.72 2.44 0.00	38.53 2.38 -1.96	41.07 2.72 0.00	42.77 2.82 0.00	39.96 2.74 0.00	37.91 2.66 0.00	37.20 2.27 0.00	32.89 1.70 0.00	36.58 1.65 0.00	41.17 1.83 0.00	34.50 1.71 0.00	30.84 1.52 0.00
ASTORIA_GT_1 23523	33.40 1.79 0.00	29.99 1.65 0.00	29.95 1.31 0.00	27.09 1.14 0.00	26.36 1.11 0.00	25.70 1.17 0.00	23.55 1.22 0.00	75.56 1.05 -54.81	35.11 1.74 -2.32	87.13 1.68 -53.83	39.91 2.23 0.00	38.83 2.42 0.00	39.81 2.54 0.00	38.61 2.46 -1.96	41.16 2.81 0.00	42.88 2.92 0.00	40.06 2.84 0.00	38.00 2.74 0.00	37.29 2.37 0.00	32.96 1.77 0.00	36.66 1.73 0.00	41.28 1.93 0.00	34.58 1.78 0.00	30.89 1.58 0.00



ASTORIA_GT_10 24110	33.37 1.76 0.00	29.93 1.59 0.00	29.93 1.29 0.00	27.06 1.11 0.00	26.33 1.08 0.00	25.65 1.12 0.00	23.49 1.16 0.00	75.54 1.02 -54.81	35.11 1.74 -2.32	87.17 1.73 -53.83	39.99 2.32 0.00	38.86 2.45 0.00	39.85 2.58 0.00	38.65 2.50 -1.96	41.15 2.79 0.00	42.87 2.92 0.00	40.05 2.83 0.00	38.01 2.75 0.00	37.30 2.37 0.00	32.97 1.78 0.00	36.68 1.75 0.00	41.25 1.90 0.00	34.54 1.75 0.00	30.84 1.53 0.00
ASTORIA_GT_11 24225	33.37 1.76 0.00	29.93 1.59 0.00	29.93 1.29 0.00	27.06 1.11 0.00	26.33 1.08 0.00	25.65 1.12 0.00	23.49 1.16 0.00	75.54 1.02 -54.81	35.11 1.74 -2.32	87.17 1.73 -53.83	39.99 2.32 0.00	38.86 2.45 0.00	39.85 2.58 0.00	38.65 2.50 -1.96	41.15 2.79 0.00	42.87 2.92 0.00	40.05 2.83 0.00	38.01 2.75 0.00	37.30 2.37 0.00	32.97 1.78 0.00	36.68 1.75 0.00	41.25 1.90 0.00	34.54 1.75 0.00	30.84 1.53 0.00
ASTORIA_GT_12 24226	33.36 1.75 0.00	29.93 1.59 0.00	29.93 1.29 0.00	27.06 1.11 0.00	26.33 1.08 0.00	25.65 1.12 0.00	23.49 1.16 0.00	75.54 1.02 -54.81	35.11 1.74 -2.32	87.17 1.73 -53.83	39.99 2.32 0.00	38.86 2.45 0.00	39.85 2.57 0.00	38.65 2.50 -1.96	41.14 2.79 0.00	42.87 2.92 0.00	40.05 2.82 0.00	38.01 2.75 0.00	37.30 2.37 0.00	32.97 1.78 0.00	36.68 1.75 0.00	41.24 1.90 0.00	34.54 1.74 0.00	30.84 1.53 0.00
ASTORIA_GT_13 24227	33.36 1.75 0.00	29.93 1.59 0.00	29.93 1.29 0.00	27.06 1.11 0.00	26.33 1.08 0.00	25.65 1.12 0.00	23.49 1.16 0.00	75.54 1.02 -54.81	35.11 1.74 -2.32	87.17 1.73 -53.83	39.99 2.32 0.00	38.86 2.45 0.00	39.85 2.57 0.00	38.65 2.50 -1.96	41.14 2.79 0.00	42.87 2.92 0.00	40.05 2.82 0.00	38.01 2.75 0.00	37.30 2.37 0.00	32.97 1.78 0.00	36.68 1.75 0.00	41.24 1.90 0.00	34.54 1.74 0.00	30.84 1.53 0.00
ASTORIA_GT_5 24106	33.40 1.79 0.00	29.99 1.65 0.00	29.95 1.31 0.00	27.09 1.14 0.00	26.36 1.11 0.00	25.70 1.17 0.00	23.55 1.22 0.00	75.56 1.05 -54.81	35.11 1.74 -2.32	87.13 1.68 -53.83	39.91 2.23 0.00	38.83 2.42 0.00	39.81 2.54 0.00	38.61 2.46 -1.96	41.16 2.81 0.00	42.88 2.92 0.00	40.06 2.84 0.00	38.00 2.74 0.00	37.29 2.37 0.00	32.96 1.77 0.00	36.66 1.73 0.00	41.28 1.93 0.00	34.58 1.78 0.00	30.89 1.58 0.00
ASTORIA_GT_7 24107	33.40 1.79 0.00	29.99 1.65 0.00	29.95 1.31 0.00	27.09 1.14 0.00	26.36 1.11 0.00	25.70 1.17 0.00	23.55 1.22 0.00	75.56 1.05 -54.81	35.11 1.74 -2.32	87.13 1.68 -53.83	39.91 2.23 0.00	38.83 2.42 0.00	39.81 2.54 0.00	38.61 2.46 -1.96	41.16 2.81 0.00	42.88 2.92 0.00	40.06 2.84 0.00	38.00 2.74 0.00	37.29 2.37 0.00	32.96 1.77 0.00	36.66 1.73 0.00	41.28 1.93 0.00	34.58 1.78 0.00	30.89 1.58 0.00
ASTORIA_GT_8 24108	33.41 1.80 0.00	29.98 1.64 0.00	29.95 1.31 0.00	27.09 1.14 0.00	26.36 1.11 0.00	25.70 1.17 0.00	23.55 1.22 0.00	75.56 1.05 -54.81	35.11 1.74 -2.32	87.13 1.68 -53.83	39.91 2.23 0.00	38.82 2.41 0.00	39.81 2.53 0.00	38.61 2.46 -1.96	41.17 2.81 0.00	42.87 2.92 0.00	40.06 2.84 0.00	38.00 2.74 0.00	37.29 2.37 0.00	32.97 1.77 0.00	36.66 1.73 0.00	41.28 1.93 0.00	34.58 1.78 0.00	30.90 1.59 0.00
ASTORIA___2 24149	33.32 1.72 0.00	29.91 1.57 0.00	29.90 1.26 0.00	27.04 1.09 0.00	26.32 1.06 0.00	25.66 1.13 0.00	23.50 1.17 0.00	75.52 1.01 -54.81	35.04 1.67 -2.32	87.05 1.61 -53.83	39.82 2.15 0.00	38.73 2.32 0.00	39.72 2.44 0.00	38.53 2.38 -1.96	41.07 2.72 0.00	42.77 2.82 0.00	39.96 2.74 0.00	37.91 2.66 0.00	37.20 2.27 0.00	32.89 1.70 0.00	36.58 1.65 0.00	41.18 1.83 0.00	34.51 1.71 0.00	30.84 1.52 0.00
ASTORIA___3 23516	33.36 1.75 0.00	29.93 1.59 0.00	29.93 1.29 0.00	27.06 1.11 0.00	26.33 1.08 0.00	25.65 1.12 0.00	23.49 1.16 0.00	75.54 1.02 -54.81	35.11 1.74 -2.32	87.17 1.73 -53.83	39.99 2.32 0.00	38.86 2.45 0.00	39.85 2.57 0.00	38.65 2.49 -1.96	41.14 2.79 0.00	42.87 2.91 0.00	40.05 2.82 0.00	38.00 2.75 0.00	37.30 2.37 0.00	32.97 1.78 0.00	36.68 1.75 0.00	41.24 1.90 0.00	34.54 1.74 0.00	30.84 1.53 0.00
ASTORIA___4 23517	33.37 1.76 0.00	29.93 1.59 0.00	29.93 1.29 0.00	27.06 1.11 0.00	26.33 1.08 0.00	25.65 1.12 0.00	23.49 1.16 0.00	75.54 1.02 -54.81	35.11 1.74 -2.32	87.17 1.73 -53.83	39.99 2.32 0.00	38.86 2.45 0.00	39.85 2.57 0.00	38.65 2.50 -1.96	41.14 2.79 0.00	42.87 2.92 0.00	40.05 2.82 0.00	38.00 2.74 0.00	37.30 2.37 0.00	32.97 1.78 0.00	36.68 1.75 0.00	41.25 1.90 0.00	34.54 1.75 0.00	30.84 1.53 0.00
ASTORIA___5 23518	33.36 1.75 0.00	29.93 1.59 0.00	29.93 1.29 0.00	27.06 1.11 0.00	26.33 1.08 0.00	25.65 1.12 0.00	23.49 1.16 0.00	75.54 1.02 -54.81	35.11 1.74 -2.32	87.17 1.73 -53.83	39.99 2.32 0.00	38.86 2.45 0.00	39.85 2.57 0.00	38.65 2.50 -1.96	41.14 2.79 0.00	42.87 2.92 0.00	40.05 2.82 0.00	38.01 2.75 0.00	37.30 2.37 0.00	32.97 1.78 0.00	36.68 1.75 0.00	41.24 1.90 0.00	34.54 1.74 0.00	30.84 1.53 0.00
AST_ENERGY_2_CC3 323677	33.32 1.71 0.00	29.87 1.53 0.00	29.90 1.26 0.00	27.04 1.10 0.00	26.31 1.06 0.00	25.61 1.08 0.00	23.45 1.12 0.00	75.51 0.99 -54.83	35.03 1.66 -2.32	87.12 1.66 -53.84	39.93 2.25 0.00	38.80 2.39 0.00	39.76 2.49 0.00	38.58 2.43 -1.96	41.07 2.71 0.00	42.82 2.86 0.00	39.97 2.75 0.00	37.96 2.70 0.00	37.29 2.37 0.00	32.95 1.75 0.00	36.71 1.78 0.00	41.23 1.89 0.00	34.47 1.68 0.00	30.79 1.48 0.00
AST_ENERGY_2_CC4 323678	33.32 1.71 0.00	29.87 1.53 0.00	29.90 1.26 0.00	27.04 1.10 0.00	26.31 1.06 0.00	25.61 1.08 0.00	23.45 1.12 0.00	75.51 0.99 -54.83	35.03 1.66 -2.32	87.12 1.66 -53.84	39.93 2.25 0.00	38.80 2.39 0.00	39.76 2.49 0.00	38.58 2.43 -1.96	41.07 2.71 0.00	42.82 2.86 0.00	39.97 2.75 0.00	37.96 2.70 0.00	37.29 2.37 0.00	32.95 1.75 0.00	36.71 1.78 0.00	41.23 1.89 0.00	34.47 1.68 0.00	30.79 1.48 0.00
ATHENS_STG_1 23668	32.83 1.22 0.00	29.49 1.15 0.00	29.65 1.01 0.00	26.82 0.87 0.00	26.09 0.84 0.00	25.38 0.85 0.00	23.10 0.76 0.00	35.25 0.69 -14.86	32.82 1.14 -0.63	47.30 1.09 -14.59	39.14 1.47 0.00	37.96 1.55 0.00	38.86 1.58 0.00	36.24 1.52 -0.53	40.00 1.64 0.00	41.62 1.66 0.00	38.84 1.62 0.00	36.87 1.61 0.00	36.37 1.44 0.00	32.33 1.14 0.00	36.13 1.19 0.00	40.61 1.27 0.00	33.98 1.18 0.00	30.34 1.03 0.00
ATHENS_STG_2 23670	32.83 1.22 0.00	29.49 1.15 0.00	29.65 1.01 0.00	26.82 0.87 0.00	26.09 0.84 0.00	25.38 0.85 0.00	23.10 0.76 0.00	35.25 0.69 -14.86	32.82 1.14 -0.63	47.30 1.09 -14.59	39.14 1.47 0.00	37.96 1.55 0.00	38.86 1.58 0.00	36.24 1.52 -0.53	40.00 1.64 0.00	41.62 1.66 0.00	38.84 1.62 0.00	36.87 1.61 0.00	36.37 1.44 0.00	32.33 1.14 0.00	36.13 1.19 0.00	40.61 1.27 0.00	33.98 1.18 0.00	30.34 1.03 0.00



ATHENS_STG_3 23677	32.83 1.22 0.00	29.49 1.15 0.00	29.65 1.01 0.00	26.82 0.87 0.00	26.09 0.84 0.00	25.38 0.85 0.00	23.10 0.76 0.00	35.25 0.69 -14.86	32.82 1.14 -0.63	47.30 1.09 -14.59	39.14 1.47 0.00	37.96 1.55 0.00	38.86 1.58 0.00	36.24 1.52 -0.53	40.00 1.64 0.00	41.62 1.66 0.00	38.84 1.62 0.00	36.87 1.61 0.00	36.37 1.44 0.00	32.33 1.14 0.00	36.13 1.19 0.00	40.61 1.27 0.00	33.98 1.18 0.00	30.34 1.03 0.00
AUBURN____LFGE 323710	31.83 0.23 0.00	28.44 0.10 0.00	28.71 0.07 0.00	25.99 0.05 0.00	25.39 0.14 0.00	24.82 0.30 0.00	22.59 0.25 0.00	19.98 0.28 0.00	31.44 0.39 0.00	31.85 0.24 0.00	37.87 0.20 0.00	36.54 0.13 0.00	37.44 0.16 0.00	34.38 0.20 0.00	38.51 0.15 0.00	40.16 0.21 0.00	37.55 0.33 0.00	35.88 0.63 0.00	35.73 0.80 0.00	31.95 0.75 0.00	35.65 0.72 0.00	39.95 0.61 0.00	33.33 0.53 0.00	29.83 0.52 0.00
BABYLON_RES_REC 323704	55.06 2.80 -20.65	60.91 2.55 -30.02	70.77 2.22 -39.91	64.24 1.96 -36.33	59.96 1.90 -32.81	49.26 1.89 -22.83	52.45 1.86 -28.26	96.13 1.66 -74.78	72.80 2.80 -38.95	97.37 2.66 -63.09	57.01 3.21 -16.12	60.52 3.13 -20.98	53.43 3.17 -12.98	55.84 3.13 -18.52	60.55 3.34 -18.85	48.79 3.48 -5.36	51.84 3.25 -11.37	52.44 3.26 -13.92	62.84 2.91 -25.00	33.35 2.09 -0.07	37.16 2.23 0.00	41.85 2.51 0.00	35.55 2.75 0.00	31.68 2.36 0.00
BABYLON__69_KV_BK2 356345	55.55 3.30 -20.65	61.33 2.93 -30.06	71.13 2.58 -39.91	64.59 2.31 -36.33	60.29 2.23 -32.81	49.54 2.17 -22.83	52.70 2.11 -28.26	96.38 1.91 -74.78	73.25 3.24 -38.95	97.84 3.14 -63.09	57.81 4.01 -16.12	61.39 4.00 -20.98	54.35 4.10 -12.98	56.66 3.95 -18.52	65.32 4.28 -22.68	49.78 4.47 -5.35	52.84 4.24 -11.37	53.30 4.13 -13.92	63.67 3.74 -25.00	34.12 2.72 -0.21	37.89 2.95 0.00	42.60 3.25 0.00	36.02 3.22 0.00	32.08 2.77 0.00
BARON_WINDS____WT_PWR 323822	31.28 -0.33 0.00	27.84 -0.50 0.00	28.22 -0.42 0.00	25.59 -0.36 0.00	25.11 -0.15 0.00	24.45 -0.07 0.00	22.34 0.00 0.00	19.87 0.17 0.00	31.50 0.44 0.00	32.27 0.66 0.00	38.39 0.72 0.00	36.92 0.51 0.00	37.80 0.52 0.00	34.69 0.50 0.00	38.74 0.39 0.00	40.30 0.34 0.00	37.51 0.28 0.00	35.65 0.39 0.00	35.26 0.33 0.00	31.54 0.35 0.00	35.14 0.21 0.00	39.67 0.33 0.00	32.98 0.18 0.00	29.60 0.29 0.00
BARRETT_IC_1 23704	54.64 2.38 -20.65	60.74 2.18 -30.23	70.41 1.85 -39.91	63.91 1.63 -36.33	59.64 1.58 -32.81	48.92 1.56 -22.83	52.10 1.51 -28.26	95.76 1.29 -74.78	72.09 2.09 -38.95	96.66 1.96 -63.09	56.55 2.75 -16.12	60.22 2.83 -20.98	53.10 2.85 -12.98	55.40 2.68 -18.52	58.37 2.93 -17.08	48.36 3.06 -5.35	51.53 2.94 -11.37	52.11 2.94 -13.92	62.49 2.57 -24.99	32.94 1.75 0.00	36.85 1.92 0.00	41.58 2.23 0.00	35.08 2.28 0.00	31.27 1.96 0.00
BARRETT_IC_10 23701	54.64 2.38 -20.65	60.74 2.18 -30.23	70.41 1.85 -39.91	63.91 1.63 -36.33	59.64 1.58 -32.81	48.92 1.56 -22.83	52.10 1.51 -28.26	95.76 1.29 -74.78	72.09 2.09 -38.95	96.66 1.96 -63.09	56.55 2.75 -16.12	60.22 2.83 -20.98	53.10 2.85 -12.98	55.40 2.68 -18.52	58.37 2.93 -17.08	48.36 3.06 -5.35	51.53 2.94 -11.37	52.11 2.94 -13.92	62.49 2.57 -24.99	32.94 1.75 0.00	36.85 1.92 0.00	41.58 2.23 0.00	35.08 2.28 0.00	31.27 1.96 0.00
BARRETT_IC_11 23702	54.64 2.38 -20.65	60.74 2.18 -30.23	70.41 1.85 -39.91	63.91 1.63 -36.33	59.64 1.58 -32.81	48.92 1.56 -22.83	52.10 1.51 -28.26	95.76 1.29 -74.78	72.09 2.09 -38.95	96.66 1.96 -63.09	56.55 2.75 -16.12	60.22 2.83 -20.98	53.10 2.85 -12.98	55.40 2.68 -18.52	58.37 2.93 -17.08	48.36 3.06 -5.35	51.53 2.94 -11.37	52.11 2.94 -13.92	62.49 2.57 -24.99	32.94 1.75 0.00	36.85 1.92 0.00	41.58 2.23 0.00	35.08 2.28 0.00	31.27 1.96 0.00
BARRETT_IC_12 23703	54.64 2.38 -20.65	60.74 2.18 -30.23	70.41 1.85 -39.91	63.91 1.63 -36.33	59.64 1.58 -32.81	48.92 1.56 -22.83	52.10 1.51 -28.26	95.76 1.29 -74.78	72.09 2.09 -38.95	96.66 1.96 -63.09	56.55 2.75 -16.12	60.22 2.83 -20.98	53.10 2.85 -12.98	55.40 2.68 -18.52	58.37 2.93 -17.08	48.36 3.06 -5.35	51.53 2.94 -11.37	52.11 2.94 -13.92	62.49 2.57 -24.99	32.94 1.75 0.00	36.85 1.92 0.00	41.58 2.23 0.00	35.08 2.28 0.00	31.27 1.96 0.00
BARRETT_IC_2 23705	54.64 2.38 -20.65	60.74 2.18 -30.23	70.41 1.85 -39.91	63.91 1.63 -36.33	59.64 1.58 -32.81	48.92 1.56 -22.83	52.10 1.51 -28.26	95.76 1.29 -74.78	72.09 2.09 -38.95	96.66 1.96 -63.09	56.55 2.75 -16.12	60.22 2.83 -20.98	53.10 2.85 -12.98	55.40 2.68 -18.52	58.37 2.93 -17.08	48.36 3.06 -5.35	51.53 2.94 -11.37	52.11 2.94 -13.92	62.49 2.57 -24.99	32.94 1.75 0.00	36.85 1.92 0.00	41.58 2.23 0.00	35.08 2.28 0.00	31.27 1.96 0.00
BARRETT_IC_3 23706	54.64 2.38 -20.65	60.74 2.18 -30.23	70.41 1.85 -39.91	63.91 1.63 -36.33	59.64 1.58 -32.81	48.92 1.56 -22.83	52.10 1.51 -28.26	95.76 1.29 -74.78	72.09 2.09 -38.95	96.66 1.96 -63.09	56.55 2.75 -16.12	60.22 2.83 -20.98	53.10 2.85 -12.98	55.40 2.68 -18.52	58.37 2.93 -17.08	48.36 3.06 -5.35	51.53 2.94 -11.37	52.11 2.94 -13.92	62.49 2.57 -24.99	32.94 1.75 0.00	36.85 1.92 0.00	41.58 2.23 0.00	35.08 2.28 0.00	31.27 1.96 0.00
BARRETT_IC_4 23707	54.64 2.38 -20.65	60.74 2.18 -30.23	70.41 1.85 -39.91	63.91 1.63 -36.33	59.64 1.58 -32.81	48.92 1.56 -22.83	52.10 1.51 -28.26	95.76 1.29 -74.78	72.09 2.09 -38.95	96.66 1.96 -63.09	56.55 2.75 -16.12	60.22 2.83 -20.98	53.10 2.85 -12.98	55.40 2.68 -18.52	58.37 2.93 -17.08	48.36 3.06 -5.35	51.53 2.94 -11.37	52.11 2.94 -13.92	62.49 2.57 -24.99	32.94 1.75 0.00	36.85 1.92 0.00	41.58 2.23 0.00	35.08 2.28 0.00	31.27 1.96 0.00
BARRETT_IC_5 23708	54.64 2.38 -20.65	60.74 2.18 -30.23	70.41 1.85 -39.91	63.91 1.63 -36.33	59.64 1.58 -32.81	48.92 1.56 -22.83	52.10 1.51 -28.26	95.76 1.29 -74.78	72.09 2.09 -38.95	96.66 1.96 -63.09	56.55 2.75 -16.12	60.22 2.83 -20.98	53.10 2.85 -12.98	55.40 2.68 -18.52	58.37 2.93 -17.08	48.36 3.06 -5.35	51.53 2.94 -11.37	52.11 2.94 -13.92	62.49 2.57 -24.99	32.94 1.75 0.00	36.85 1.92 0.00	41.58 2.23 0.00	35.08 2.28 0.00	31.27 1.96 0.00
BARRETT_IC_6 23709	54.64 2.38 -20.65	60.74 2.18 -30.23	70.41 1.85 -39.91	63.91 1.63 -36.33	59.64 1.58 -32.81	48.92 1.56 -22.83	52.10 1.51 -28.26	95.76 1.29 -74.78	72.09 2.09 -38.95	96.66 1.96 -63.09	56.55 2.75 -16.12	60.22 2.83 -20.98	53.10 2.85 -12.98	55.40 2.68 -18.52	58.37 2.93 -17.08	48.36 3.06 -5.35	51.53 2.94 -11.37	52.11 2.94 -13.92	62.49 2.57 -24.99	32.94 1.75 0.00	36.85 1.92 0.00	41.58 2.23 0.00	35.08 2.28 0.00	31.27 1.96 0.00
BARRETT_IC_7 23710	54.66 2.40 -20.65	60.74 2.18 -30.23	70.39 1.84 -39.91	63.91 1.63 -36.33	59.64 1.58 -32.81	48.92 1.56 -22.83	52.10 1.51 -28.26	95.76 1.29 -74.78	72.09 2.09 -38.95	96.66 1.96 -63.09	56.55 2.76 -16.12	60.22 2.83 -20.98	53.10 2.84 -12.98	55.39 2.68 -18.52	58.37 2.93 -17.08	48.37 3.06 -5.35	51.54 2.94 -11.37	52.12 2.94 -13.92	62.50 2.57 -25.00	32.95 1.76 0.00	36.85 1.92 0.00	41.57 2.23 0.00	35.07 2.28 0.00	31.27 1.96 0.00



BARRETT_IC_8 23711	54.64 2.38 -20.65	60.74 2.18 -30.23	70.41 1.85 -39.91	63.91 1.63 -36.33	59.64 1.58 -32.81	48.92 1.56 -22.83	52.10 1.51 -28.26	95.76 1.29 -74.78	72.09 2.09 -38.95	96.66 1.96 -63.09	56.55 2.75 -16.12	60.22 2.83 -20.98	53.10 2.85 -12.98	55.40 2.68 -18.52	58.37 2.93 -17.08	48.36 3.06 -5.35	51.53 2.94 -11.37	52.11 2.94 -13.92	62.49 2.57 -24.99	32.94 1.75 0.00	36.85 1.92 0.00	41.58 2.23 0.00	35.08 2.28 0.00	31.27 1.96 0.00
BARRETT_IC_9 23700	54.64 2.38 -20.65	60.74 2.18 -30.23	70.41 1.85 -39.91	63.91 1.63 -36.33	59.64 1.58 -32.81	48.92 1.56 -22.83	52.10 1.51 -28.26	95.76 1.29 -74.78	72.09 2.09 -38.95	96.66 1.96 -63.09	56.55 2.75 -16.12	60.22 2.83 -20.98	53.10 2.85 -12.98	55.40 2.68 -18.52	58.37 2.93 -17.08	48.36 3.06 -5.35	51.53 2.94 -11.37	52.11 2.94 -13.92	62.49 2.57 -24.99	32.94 1.75 0.00	36.85 1.92 0.00	41.58 2.23 0.00	35.08 2.28 0.00	31.27 1.96 0.00
BARRETT___1 23545	54.64 2.38 -20.65	60.74 2.18 -30.23	70.41 1.85 -39.91	63.91 1.63 -36.33	59.64 1.58 -32.81	48.92 1.56 -22.83	52.10 1.51 -28.26	95.76 1.29 -74.78	72.09 2.09 -38.95	96.66 1.96 -63.09	56.55 2.75 -16.12	60.22 2.83 -20.98	53.10 2.85 -12.98	55.40 2.68 -18.52	58.37 2.93 -17.08	48.36 3.06 -5.35	51.53 2.94 -11.37	52.11 2.94 -13.92	62.49 2.57 -24.99	32.94 1.75 0.00	36.85 1.92 0.00	41.58 2.23 0.00	35.08 2.28 0.00	31.27 1.96 0.00
BARRETT___2 23546	54.64 2.38 -20.65	60.74 2.18 -30.23	70.41 1.85 -39.91	63.91 1.63 -36.33	59.64 1.58 -32.81	48.92 1.56 -22.83	52.10 1.51 -28.26	95.76 1.29 -74.78	72.09 2.09 -38.95	96.66 1.96 -63.09	56.55 2.75 -16.12	60.22 2.83 -20.98	53.10 2.85 -12.98	55.40 2.68 -18.52	58.37 2.93 -17.08	48.36 3.06 -5.35	51.53 2.94 -11.37	52.11 2.94 -13.92	62.49 2.57 -24.99	32.94 1.75 0.00	36.85 1.92 0.00	41.58 2.23 0.00	35.08 2.28 0.00	31.27 1.96 0.00
BATAVIA___115KV_TB1 55881	31.72 0.11 0.00	28.27 -0.07 0.00	28.65 0.01 0.00	25.99 0.04 0.00	25.38 0.12 0.00	24.54 0.01 0.00	22.46 0.13 0.00	19.81 0.11 0.00	31.27 0.21 0.00	32.26 0.64 0.00	37.97 0.30 0.00	36.46 0.05 0.00	37.16 -0.12 0.00	34.11 -0.08 0.00	38.05 -0.31 0.00	39.64 -0.31 0.00	37.33 0.11 0.00	35.50 0.24 0.00	35.25 0.32 0.00	31.78 0.59 0.00	35.46 0.53 0.00	40.04 0.69 0.00	33.39 0.59 0.00	30.13 0.82 0.00
BAYONEEC___CTG1 323682	33.36 1.75 0.00	29.89 1.54 0.00	29.92 1.28 0.00	27.05 1.10 0.00	26.32 1.06 0.00	25.62 1.09 0.00	23.45 1.12 0.00	75.52 0.99 -54.83	35.03 1.67 -2.32	87.12 1.67 -53.84	39.94 2.26 0.00	38.80 2.39 0.00	39.76 2.49 0.00	38.58 2.43 -1.96	41.05 2.69 0.00	42.82 2.86 0.00	39.97 2.74 0.00	37.95 2.70 0.00	37.29 2.37 0.00	32.95 1.75 0.00	36.71 1.78 0.00	41.23 1.89 0.00	34.47 1.68 0.00	30.79 1.48 0.00
BAYONEEC___CTG10 323750	33.36 1.75 0.00	29.89 1.54 0.00	29.92 1.28 0.00	27.05 1.10 0.00	26.32 1.06 0.00	25.62 1.09 0.00	23.45 1.12 0.00	75.52 0.99 -54.83	35.03 1.67 -2.32	87.12 1.67 -53.84	39.94 2.26 0.00	38.80 2.39 0.00	39.76 2.49 0.00	38.58 2.43 -1.96	41.05 2.69 0.00	42.82 2.86 0.00	39.97 2.74 0.00	37.95 2.70 0.00	37.29 2.37 0.00	32.95 1.75 0.00	36.71 1.78 0.00	41.23 1.89 0.00	34.47 1.68 0.00	30.79 1.48 0.00
BAYONEEC___CTG2 323683	33.36 1.75 0.00	29.89 1.54 0.00	29.92 1.28 0.00	27.05 1.10 0.00	26.32 1.06 0.00	25.62 1.09 0.00	23.45 1.12 0.00	75.52 0.99 -54.83	35.03 1.67 -2.32	87.12 1.67 -53.84	39.94 2.26 0.00	38.80 2.39 0.00	39.76 2.49 0.00	38.58 2.43 -1.96	41.05 2.69 0.00	42.82 2.86 0.00	39.97 2.74 0.00	37.95 2.70 0.00	37.29 2.37 0.00	32.95 1.75 0.00	36.71 1.78 0.00	41.23 1.89 0.00	34.47 1.68 0.00	30.79 1.48 0.00
BAYONEEC___CTG3 323684	33.36 1.75 0.00	29.89 1.54 0.00	29.92 1.28 0.00	27.05 1.10 0.00	26.32 1.06 0.00	25.62 1.09 0.00	23.45 1.12 0.00	75.52 0.99 -54.83	35.03 1.67 -2.32	87.12 1.67 -53.84	39.94 2.26 0.00	38.80 2.39 0.00	39.76 2.49 0.00	38.58 2.43 -1.96	41.05 2.69 0.00	42.82 2.86 0.00	39.97 2.74 0.00	37.95 2.70 0.00	37.29 2.37 0.00	32.95 1.75 0.00	36.71 1.78 0.00	41.23 1.89 0.00	34.47 1.68 0.00	30.79 1.48 0.00
BAYONEEC___CTG4 323685	33.36 1.75 0.00	29.89 1.54 0.00	29.92 1.28 0.00	27.05 1.10 0.00	26.32 1.06 0.00	25.62 1.09 0.00	23.45 1.12 0.00	75.52 0.99 -54.83	35.03 1.67 -2.32	87.12 1.67 -53.84	39.94 2.26 0.00	38.80 2.39 0.00	39.76 2.49 0.00	38.58 2.43 -1.96	41.05 2.69 0.00	42.82 2.86 0.00	39.97 2.74 0.00	37.95 2.70 0.00	37.29 2.37 0.00	32.95 1.75 0.00	36.71 1.78 0.00	41.23 1.89 0.00	34.47 1.68 0.00	30.79 1.48 0.00
BAYONEEC___CTG5 323686	33.36 1.75 0.00	29.89 1.54 0.00	29.92 1.28 0.00	27.05 1.10 0.00	26.32 1.06 0.00	25.62 1.09 0.00	23.45 1.12 0.00	75.52 0.99 -54.83	35.03 1.67 -2.32	87.12 1.67 -53.84	39.94 2.26 0.00	38.80 2.39 0.00	39.76 2.49 0.00	38.58 2.43 -1.96	41.05 2.69 0.00	42.82 2.86 0.00	39.97 2.74 0.00	37.95 2.70 0.00	37.29 2.37 0.00	32.95 1.75 0.00	36.71 1.78 0.00	41.23 1.89 0.00	34.47 1.68 0.00	30.79 1.48 0.00
BAYONEEC___CTG6 323687	33.36 1.75 0.00	29.89 1.54 0.00	29.92 1.28 0.00	27.05 1.10 0.00	26.32 1.06 0.00	25.62 1.09 0.00	23.45 1.12 0.00	75.52 0.99 -54.83	35.03 1.67 -2.32	87.12 1.67 -53.84	39.94 2.26 0.00	38.80 2.39 0.00	39.76 2.49 0.00	38.58 2.43 -1.96	41.05 2.69 0.00	42.82 2.86 0.00	39.97 2.74 0.00	37.95 2.70 0.00	37.29 2.37 0.00	32.95 1.75 0.00	36.71 1.78 0.00	41.23 1.89 0.00	34.47 1.68 0.00	30.79 1.48 0.00
BAYONEEC___CTG7 323688	33.36 1.75 0.00	29.89 1.54 0.00	29.92 1.28 0.00	27.05 1.10 0.00	26.32 1.06 0.00	25.62 1.09 0.00	23.45 1.12 0.00	75.52 0.99 -54.83	35.03 1.67 -2.32	87.12 1.67 -53.84	39.94 2.26 0.00	38.80 2.39 0.00	39.76 2.49 0.00	38.58 2.43 -1.96	41.05 2.69 0.00	42.82 2.86 0.00	39.97 2.74 0.00	37.95 2.70 0.00	37.29 2.37 0.00	32.95 1.75 0.00	36.71 1.78 0.00	41.23 1.89 0.00	34.47 1.68 0.00	30.79 1.48 0.00
BAYONEEC___CTG8 323689	33.36 1.75 0.00	29.89 1.54 0.00	29.92 1.28 0.00	27.05 1.10 0.00	26.32 1.06 0.00	25.62 1.09 0.00	23.45 1.12 0.00	75.52 0.99 -54.83	35.03 1.67 -2.32	87.12 1.67 -53.84	39.94 2.26 0.00	38.80 2.39 0.00	39.76 2.49 0.00	38.58 2.43 -1.96	41.05 2.69 0.00	42.82 2.86 0.00	39.97 2.74 0.00	37.95 2.70 0.00	37.29 2.37 0.00	32.95 1.75 0.00	36.71 1.78 0.00	41.23 1.89 0.00	34.47 1.68 0.00	30.79 1.48 0.00
BAYONEEC___CTG9 323749	33.36 1.75 0.00	29.89 1.54 0.00	29.92 1.28 0.00	27.05 1.10 0.00	26.32 1.06 0.00	25.62 1.09 0.00	23.45 1.12 0.00	75.52 0.99 -54.83	35.03 1.67 -2.32	87.12 1.67 -53.84	39.94 2.26 0.00	38.80 2.39 0.00	39.76 2.49 0.00	38.58 2.43 -1.96	41.05 2.69 0.00	42.82 2.86 0.00	39.97 2.74 0.00	37.95 2.70 0.00	37.29 2.37 0.00	32.95 1.75 0.00	36.71 1.78 0.00	41.23 1.89 0.00	34.47 1.68 0.00	30.79 1.48 0.00



BEACON___LESR 323632	32.70 1.10 0.00	29.34 1.00 0.00	29.49 0.85 0.00	26.76 0.81 0.00	26.00 0.75 0.00	25.35 0.82 0.00	23.11 0.78 0.00	33.27 0.76 -12.81	32.75 1.16 -0.54	45.32 1.12 -12.58	39.07 1.40 0.00	37.95 1.54 0.00	39.01 1.74 0.00	36.10 1.45 -0.46	40.02 1.66 0.00	41.53 1.58 0.00	38.77 1.54 0.00	36.87 1.62 0.00	36.43 1.50 0.00	32.44 1.26 0.00	36.25 1.32 0.00	40.74 1.40 0.00	34.04 1.24 0.00	30.36 1.05 0.00
BEAVER RIVER___HYD 24048	31.67 0.06 0.00	28.31 -0.03 0.00	28.60 -0.04 0.00	25.89 -0.06 0.00	25.12 -0.14 0.00	24.51 -0.02 0.00	22.37 0.04 0.00	19.68 -0.01 0.00	30.89 -0.17 0.00	31.53 -0.09 0.00	37.21 -0.46 0.00	35.55 -0.87 0.00	36.36 -0.91 0.00	33.36 -0.83 0.00	37.36 -1.00 0.00	39.10 -0.85 0.00	36.55 -0.68 0.00	34.83 -0.42 0.00	34.62 -0.31 0.00	31.12 -0.07 0.00	35.01 0.08 0.00	39.74 0.40 0.00	33.24 0.44 0.00	29.67 0.36 0.00
BEEBEE_GT_13 23619	31.34 -0.26 0.00	28.01 -0.33 0.00	28.32 -0.32 0.00	25.68 -0.27 0.00	25.04 -0.21 0.00	24.29 -0.24 0.00	22.21 -0.13 0.00	19.61 -0.08 0.00	30.96 -0.09 0.00	31.81 0.20 0.00	37.68 0.00 0.00	36.31 -0.10 0.00	37.16 -0.12 0.00	34.16 -0.03 0.00	38.14 -0.22 0.00	39.75 -0.21 0.00	37.22 -0.01 0.00	35.38 0.12 0.00	35.08 0.15 0.00	31.46 0.27 0.00	35.09 0.16 0.00	39.58 0.23 0.00	33.01 0.21 0.00	29.69 0.38 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.69 2.09 0.00	30.20 1.86 0.00	30.19 1.56 0.00	27.29 1.34 0.00	26.55 1.30 0.00	25.87 1.35 0.00	23.66 1.33 0.00	75.69 1.18 -54.81	35.34 1.97 -2.32	87.43 1.98 -53.83	40.32 2.65 0.00	39.21 2.80 0.00	40.23 2.96 0.00	39.01 2.86 -1.96	41.58 3.22 0.00	43.34 3.38 0.00	40.49 3.26 0.00	38.41 3.15 0.00	37.71 2.79 0.00	33.38 2.20 0.00	37.15 2.21 0.00	41.79 2.44 0.00	34.99 2.19 0.00	31.23 1.92 0.00
BETHLEHEM___GRP 23843	32.25 0.64 0.00	29.03 0.69 0.00	29.20 0.56 0.00	26.50 0.55 0.00	25.79 0.54 0.00	25.11 0.58 0.00	22.86 0.53 0.00	32.91 0.46 -12.74	32.27 0.68 -0.54	44.73 0.60 -12.51	38.52 0.85 0.00	37.38 0.97 0.00	38.25 0.97 0.00	35.50 0.86 -0.46	39.28 0.92 0.00	40.81 0.85 0.00	38.09 0.87 0.00	36.18 0.92 0.00	35.74 0.81 0.00	31.83 0.64 0.00	35.62 0.69 0.00	40.04 0.70 0.00	33.50 0.70 0.00	29.92 0.61 0.00
BETHLEHEM___GS1 323560	32.24 0.63 0.00	29.03 0.68 0.00	29.20 0.56 0.00	26.50 0.55 0.00	25.79 0.54 0.00	25.11 0.58 0.00	22.86 0.53 0.00	32.91 0.46 -12.74	32.27 0.67 -0.54	44.73 0.60 -12.51	38.52 0.85 0.00	37.38 0.97 0.00	38.25 0.97 0.00	35.50 0.86 -0.46	39.28 0.92 0.00	40.81 0.85 0.00	38.09 0.87 0.00	36.18 0.92 0.00	35.74 0.81 0.00	31.83 0.64 0.00	35.62 0.69 0.00	40.04 0.70 0.00	33.50 0.70 0.00	29.92 0.61 0.00
BETHLEHEM___GS2 323561	32.24 0.63 0.00	29.03 0.68 0.00	29.20 0.56 0.00	26.50 0.55 0.00	25.79 0.54 0.00	25.11 0.58 0.00	22.86 0.53 0.00	32.91 0.46 -12.74	32.27 0.67 -0.54	44.73 0.60 -12.51	38.52 0.85 0.00	37.38 0.97 0.00	38.25 0.97 0.00	35.50 0.86 -0.46	39.28 0.92 0.00	40.81 0.85 0.00	38.09 0.87 0.00	36.18 0.92 0.00	35.74 0.81 0.00	31.83 0.64 0.00	35.62 0.69 0.00	40.04 0.70 0.00	33.50 0.70 0.00	29.92 0.61 0.00
BETHLEHEM___GS3 323562	32.24 0.63 0.00	29.03 0.68 0.00	29.20 0.56 0.00	26.50 0.55 0.00	25.79 0.54 0.00	25.11 0.58 0.00	22.86 0.53 0.00	32.91 0.46 -12.74	32.27 0.67 -0.54	44.73 0.60 -12.51	38.52 0.85 0.00	37.38 0.97 0.00	38.25 0.97 0.00	35.50 0.86 -0.46	39.28 0.92 0.00	40.81 0.85 0.00	38.09 0.87 0.00	36.18 0.92 0.00	35.74 0.81 0.00	31.83 0.64 0.00	35.62 0.69 0.00	40.04 0.70 0.00	33.50 0.70 0.00	29.92 0.61 0.00
BETHLEHEM___STEEL 23779	31.33 -0.27 0.00	27.95 -0.39 0.00	28.34 -0.30 0.00	25.71 -0.24 0.00	25.11 -0.14 0.00	24.30 -0.23 0.00	22.24 -0.09 0.00	19.70 0.00 0.00	31.22 0.17 0.00	32.26 0.64 0.00	38.12 0.45 0.00	36.66 0.24 0.00	37.44 0.16 0.00	34.38 0.18 0.00	38.32 -0.04 0.00	39.84 -0.12 -0.01	37.18 -0.04 0.00	35.37 0.11 0.00	34.98 0.06 0.00	31.42 0.22 0.00	35.01 0.08 0.00	39.56 0.22 0.00	33.05 0.25 0.00	29.88 0.57 0.00
BETHLHEM_115KV_TB1 79974	32.34 0.73 0.00	29.11 0.77 0.00	29.28 0.64 0.00	26.56 0.61 0.00	25.84 0.59 0.00	25.16 0.63 0.00	22.90 0.57 0.00	32.90 0.50 -12.70	32.34 0.76 -0.54	44.76 0.68 -12.47	38.62 0.94 0.00	37.46 1.05 0.00	38.34 1.06 0.00	35.60 0.95 -0.45	39.38 1.02 0.00	40.92 0.97 0.00	38.20 0.97 0.00	36.27 1.01 0.00	35.83 0.91 0.00	31.90 0.71 0.00	35.72 0.78 0.00	40.15 0.80 0.00	33.57 0.77 0.00	29.99 0.68 0.00
BETHPAGE_CC_5 323564	54.71 2.45 -20.65	60.51 2.27 -29.90	70.58 2.02 -39.91	64.06 1.78 -36.33	59.79 1.73 -32.81	49.09 1.72 -22.83	52.28 1.69 -28.26	95.94 1.46 -74.78	72.43 2.43 -38.95	97.00 2.30 -63.09	56.84 3.04 -16.12	60.49 3.10 -20.98	53.47 3.21 -12.98	55.80 3.09 -18.52	59.29 3.37 -17.56	48.88 3.57 -5.36	52.02 3.42 -11.37	52.56 3.38 -13.92	62.91 2.98 -25.00	33.31 2.10 -0.02	37.14 2.21 0.00	41.75 2.41 0.00	35.20 2.40 0.00	31.37 2.06 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.40 -0.21 0.00	28.01 -0.33 0.00	28.39 -0.24 0.00	25.75 -0.19 0.00	25.16 -0.09 0.00	24.36 -0.17 0.00	22.30 -0.04 0.00	19.75 0.05 0.00	31.30 0.25 0.00	32.34 0.72 0.00	38.23 0.56 0.00	36.76 0.35 0.00	37.56 0.28 0.00	34.49 0.30 0.00	38.45 0.09 0.00	39.98 0.02 0.00	37.34 0.11 0.00	35.51 0.25 0.00	35.12 0.19 0.00	31.52 0.33 0.00	35.13 0.19 0.00	39.69 0.34 0.00	33.14 0.35 0.00	29.96 0.64 0.00
BINGHAMTON___COGEN 23790	31.75 0.15 0.00	28.41 0.06 0.00	28.73 0.09 0.00	25.99 0.04 0.00	25.36 0.11 0.00	24.68 0.15 0.00	22.51 0.17 0.00	19.91 0.21 0.00	31.44 0.38 0.00	32.08 0.46 0.00	38.25 0.58 0.00	36.88 0.47 0.00	37.79 0.51 0.00	34.68 0.49 0.00	38.86 0.50 0.00	40.52 0.57 0.00	37.81 0.58 0.00	35.89 0.64 0.00	35.49 0.57 0.00	31.66 0.46 0.00	35.33 0.39 0.00	39.75 0.41 0.00	33.14 0.34 0.00	29.67 0.36 0.00
BIXINCNT_115KV_LOAD 355685	31.57 -0.03 0.00	28.20 -0.14 0.00	28.60 -0.04 0.00	25.93 -0.01 0.00	25.37 0.12 0.00	24.61 0.09 0.00	22.55 0.22 0.00	20.01 0.31 0.00	31.68 0.63 0.00	32.71 1.09 0.00	38.63 0.95 0.00	37.08 0.67 0.00	37.92 0.64 0.00	34.85 0.66 0.00	38.85 0.49 0.00	40.43 0.47 0.00	37.73 0.51 0.00	35.78 0.53 0.00	35.34 0.42 0.00	31.62 0.43 0.00	35.28 0.35 0.00	39.91 0.57 0.00	33.34 0.55 0.00	30.09 0.78 0.00
BLACK RIVER___HYD 24047	31.59 -0.02 0.00	28.22 -0.12 0.00	28.47 -0.16 0.00	25.76 -0.19 0.00	24.98 -0.27 0.00	24.43 -0.10 0.00	22.33 0.00 0.00	19.74 0.04 0.00	30.94 -0.11 0.00	31.74 0.12 0.00	37.25 -0.42 0.00	35.31 -1.10 0.00	36.14 -1.14 0.00	33.32 -0.87 0.00	37.14 -1.22 0.00	39.00 -0.96 0.00	36.39 -0.84 0.00	34.76 -0.50 0.00	34.63 -0.30 0.00	31.18 -0.01 0.00	35.19 0.26 0.00	39.87 0.53 0.00	33.31 0.51 0.00	29.70 0.39 0.00



BLACKRVR_115KV_TB2 79977	31.59 -0.01 0.00	28.21 -0.12 0.00	28.47 -0.17 0.00	25.76 -0.19 0.00	24.98 -0.27 0.00	24.43 -0.10 0.00	22.33 0.00 0.00	19.74 0.04 0.00	30.94 -0.12 0.00	31.74 0.12 0.00	37.25 -0.42 0.00	35.30 -1.10 0.00	36.14 -1.14 0.00	33.32 -0.87 0.00	37.14 -1.22 0.00	39.00 -0.96 0.00	36.39 -0.84 0.00	34.76 -0.49 0.00	34.62 -0.30 0.00	31.18 -0.01 0.00	35.19 0.26 0.00	39.88 0.53 0.00	33.31 0.51 0.00	29.70 0.39 0.00
BLISS_WT_PWR 323608	31.58 -0.02 0.00	28.20 -0.14 0.00	28.58 -0.06 0.00	25.92 -0.03 0.00	25.37 0.12 0.00	24.64 0.11 0.00	22.57 0.24 0.00	20.03 0.34 0.00	31.73 0.67 0.00	32.72 1.11 0.00	38.65 0.97 0.00	37.09 0.68 0.00	37.94 0.66 0.00	34.87 0.68 0.00	38.88 0.52 0.00	40.45 0.49 0.00	37.76 0.53 0.00	35.82 0.56 0.00	35.38 0.45 0.00	31.65 0.46 0.00	35.31 0.38 0.00	39.93 0.59 0.00	33.37 0.57 0.00	30.10 0.79 0.00
BLUE_CIRC_CHEM_DRP 24182	32.74 1.14 0.00	29.47 1.13 0.00	29.69 1.05 0.00	26.91 0.97 0.00	26.19 0.93 0.00	25.46 0.93 0.00	23.17 0.83 0.00	32.45 0.73 -12.02	32.69 1.13 -0.51	44.50 1.08 -11.80	39.04 1.37 0.00	37.85 1.44 0.00	38.71 1.43 0.00	35.90 1.28 -0.43	39.75 1.40 0.00	41.29 1.33 0.00	38.56 1.34 0.00	36.64 1.38 0.00	36.22 1.29 0.00	32.29 1.10 0.00	36.15 1.21 0.00	40.65 1.31 0.00	33.99 1.19 0.00	30.36 1.05 0.00
BOC_GAS_DRP 24189	32.54 0.93 0.00	29.26 0.92 0.00	29.46 0.82 0.00	26.68 0.73 0.00	25.96 0.71 0.00	25.25 0.72 0.00	22.97 0.64 0.00	32.71 0.57 -12.44	32.49 0.92 -0.53	44.68 0.85 -12.21	38.81 1.14 0.00	37.64 1.23 0.00	38.52 1.24 0.00	35.78 1.15 -0.45	39.60 1.24 0.00	41.15 1.20 0.00	38.41 1.19 0.00	36.46 1.20 0.00	36.01 1.09 0.00	32.06 0.87 0.00	35.87 0.94 0.00	40.32 0.97 0.00	33.73 0.93 0.00	30.13 0.82 0.00
BOONVILLE_115KV_TB1 79983	32.10 0.49 0.00	28.73 0.39 0.00	29.08 0.44 0.00	26.32 0.38 0.00	25.61 0.36 0.00	24.87 0.35 0.00	22.69 0.36 0.00	20.04 0.34 0.00	31.58 0.53 0.00	32.29 0.67 0.00	38.32 0.65 0.00	36.90 0.48 0.00	37.77 0.49 0.00	34.69 0.51 0.00	38.95 0.58 0.00	40.59 0.63 0.00	37.86 0.63 0.00	35.91 0.65 0.00	35.65 0.72 0.00	31.93 0.74 0.00	35.75 0.81 0.00	40.30 0.96 0.00	33.55 0.75 0.00	29.92 0.61 0.00
BORALEX_4TH_BRANCH 23824	33.52 1.91 0.00	30.22 1.88 0.00	30.44 1.80 0.00	27.56 1.62 0.00	26.83 1.58 0.00	26.10 1.57 0.00	23.66 1.33 0.00	34.94 1.17 -14.07	33.53 1.89 -0.60	47.24 1.80 -13.82	39.93 2.25 0.00	38.77 2.36 0.00	39.63 2.36 0.00	36.80 2.10 -0.50	40.62 2.26 0.00	41.92 1.97 0.00	39.16 1.94 0.00	37.20 1.95 0.00	36.79 1.86 0.00	32.90 1.70 0.00	36.87 1.94 0.00	41.41 2.06 0.00	34.67 1.87 0.00	31.01 1.70 0.00
BOWLINE___1 23526	33.08 1.47 0.00	29.67 1.33 0.00	29.73 1.09 0.00	26.88 0.93 0.00	26.16 0.90 0.00	25.46 0.93 0.00	23.27 0.93 0.00	-59.19 0.83 79.71	29.08 1.40 3.37	-45.29 1.38 78.28	39.58 1.91 0.00	38.38 1.96 0.00	39.24 1.96 0.00	33.27 1.94 2.86	40.51 2.15 0.00	42.24 2.28 0.00	39.44 2.22 0.00	37.47 2.21 0.00	36.87 1.94 0.00	32.59 1.40 0.00	36.36 1.43 0.00	40.84 1.50 0.00	34.12 1.32 0.00	30.46 1.15 0.00
BOWLINE___2 23595	33.08 1.47 0.00	29.67 1.33 0.00	29.73 1.10 0.00	26.88 0.93 0.00	26.16 0.90 0.00	25.46 0.94 0.00	23.27 0.93 0.00	-59.26 0.83 79.78	29.08 1.40 3.37	-45.36 1.38 78.35	39.59 1.91 0.00	38.41 2.00 0.00	39.31 2.04 0.00	33.34 2.01 2.86	40.58 2.21 0.00	42.31 2.36 0.00	39.52 2.29 0.00	37.54 2.28 0.00	36.93 2.00 0.00	32.65 1.46 0.00	36.43 1.49 0.00	40.92 1.58 0.00	34.18 1.39 0.00	30.51 1.19 0.00
BRADY___115KV_TB2 356060	32.03 0.43 0.00	28.66 0.32 0.00	29.08 0.45 0.00	26.40 0.45 0.00	25.66 0.41 0.00	24.90 0.37 0.00	22.71 0.38 0.00	19.97 0.27 0.00	31.42 0.37 0.00	31.98 0.36 0.00	37.98 0.31 0.00	36.57 0.16 0.00	37.43 0.16 0.00	34.04 -0.15 0.00	38.32 -0.04 0.00	39.94 -0.01 0.00	37.08 -0.15 0.00	34.99 -0.27 0.00	34.70 -0.23 0.00	31.17 -0.02 0.00	35.14 0.20 0.00	40.03 0.69 0.00	33.32 0.52 0.00	29.78 0.47 0.00
BRANSCOMB___SOLAR 323811	33.43 1.82 0.00	29.97 1.63 0.00	30.18 1.54 0.00	27.32 1.37 0.00	26.60 1.35 0.00	25.92 1.39 0.00	23.65 1.32 0.00	33.38 1.17 -12.51	33.44 1.86 -0.53	45.70 1.80 -12.29	39.88 2.21 0.00	38.71 2.30 0.00	39.46 2.18 0.00	36.58 1.95 -0.45	40.50 2.14 0.00	42.02 2.07 0.00	39.23 2.01 0.00	37.31 2.05 0.00	36.99 2.06 0.00	32.98 1.79 0.00	37.06 2.13 0.00	41.63 2.28 0.00	34.79 1.99 0.00	31.07 1.76 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	55.33 3.07 -20.65	61.32 2.80 -30.18	70.99 2.44 -39.91	64.49 2.20 -36.33	60.20 2.14 -32.81	49.46 2.10 -22.83	52.63 2.04 -28.26	96.32 1.84 -74.78	73.15 3.15 -38.95	97.69 2.98 -63.09	57.69 3.89 -16.12	61.24 3.85 -20.98	54.09 3.84 -12.98	56.37 3.66 -18.52	65.07 3.93 -22.78	49.37 4.06 -5.35	52.39 3.79 -11.37	52.89 3.71 -13.92	63.25 3.32 -25.00	33.71 2.30 -0.22	37.55 2.62 0.00	42.22 2.87 0.00	35.78 2.98 0.00	31.91 2.60 0.00
BRISTLHL_115KV_TB1 79998	30.87 -0.73 0.00	27.66 -0.67 0.00	27.94 -0.70 0.00	25.31 -0.64 0.00	24.66 -0.60 0.00	23.96 -0.57 0.00	21.84 -0.50 0.00	19.27 -0.43 0.00	30.34 -0.71 0.00	30.91 -0.70 0.00	36.74 -0.93 0.00	35.47 -0.94 0.00	36.32 -0.96 0.00	33.36 -0.83 0.00	37.39 -0.97 0.00	39.00 -0.95 0.00	36.43 -0.80 0.00	34.55 -0.70 0.00	34.25 -0.68 0.00	30.62 -0.57 0.00	34.20 -0.73 0.00	38.46 -0.89 0.00	32.04 -0.76 0.00	28.65 -0.66 0.00
BROOKHAVEN___DRP 24191	55.56 3.30 -20.65	61.46 2.91 -30.21	71.07 2.52 -39.91	64.55 2.27 -36.33	60.26 2.19 -32.81	49.38 2.02 -22.83	52.54 1.95 -28.26	96.26 1.78 -74.78	73.19 3.19 -38.95	97.62 2.92 -63.09	57.75 3.96 -16.12	61.35 3.96 -20.98	54.32 4.06 -12.98	56.62 3.91 -18.52	86.98 4.28 -44.34	49.67 4.36 -5.35	52.80 4.19 -11.38	53.26 4.08 -13.93	63.65 3.72 -25.00	34.96 2.73 -1.04	37.74 2.80 0.00	42.38 3.04 0.00	35.81 3.02 0.00	31.91 2.60 0.00
BROOKLYN_NAVY_YARD 23515	33.37 1.76 0.00	29.90 1.56 0.00	29.94 1.29 0.00	27.06 1.12 0.00	26.32 1.07 0.00	25.64 1.11 0.00	23.48 1.14 0.00	75.54 1.02 -54.83	35.06 1.70 -2.32	87.16 1.70 -53.84	39.94 2.27 0.00	38.80 2.39 0.00	39.77 2.49 0.00	38.60 2.44 -1.96	41.07 2.71 0.00	42.84 2.88 0.00	39.99 2.76 0.00	37.96 2.70 0.00	37.27 2.34 0.00	32.93 1.74 0.00	36.68 1.75 0.00	41.20 1.85 0.00	34.46 1.66 0.00	30.76 1.45 0.00
BROOKLYN___ARMY_DRP 323595	33.49 1.89 0.00	30.03 1.69 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.16 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.40 0.00	38.95 2.54 0.00	39.95 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.01 3.06 0.00	40.19 2.96 0.00	38.13 2.87 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.02 1.71 0.00



BROOKVLE_69_KV_TB1 55790	54.60 2.34 -20.65	59.29 2.08 -28.87	70.44 1.89 -39.91	63.94 1.66 -36.33	59.66 1.60 -32.81	48.97 1.60 -22.83	52.17 1.58 -28.26	95.88 1.41 -74.78	72.24 2.24 -38.95	96.93 2.23 -63.09	56.80 3.01 -16.12	60.51 3.13 -20.98	53.51 3.26 -12.98	55.84 3.13 -18.52	58.91 3.47 -17.08	48.98 3.67 -5.35	52.12 3.52 -11.37	52.59 3.41 -13.92	62.96 3.03 -25.00	33.42 2.23 0.00	37.27 2.33 0.00	41.86 2.52 0.00	35.12 2.32 0.00	31.30 1.99 0.00
BROOME_2_LFGE 323671	31.76 0.15 0.00	28.40 0.06 0.00	28.73 0.09 0.00	25.99 0.04 0.00	25.36 0.11 0.00	24.68 0.15 0.00	22.51 0.17 0.00	19.91 0.21 0.00	31.43 0.38 0.00	32.08 0.46 0.00	38.25 0.57 0.00	36.88 0.47 0.00	37.79 0.51 0.00	34.68 0.49 0.00	38.86 0.50 0.00	40.52 0.57 0.00	37.80 0.58 0.00	35.89 0.64 0.00	35.49 0.57 0.00	31.66 0.47 0.00	35.33 0.39 0.00	39.75 0.41 0.00	33.13 0.34 0.00	29.67 0.36 0.00
BROOME___LFGE 323600	31.76 0.15 0.00	28.40 0.06 0.00	28.73 0.09 0.00	25.99 0.04 0.00	25.36 0.11 0.00	24.68 0.15 0.00	22.51 0.17 0.00	19.91 0.21 0.00	31.43 0.38 0.00	32.08 0.46 0.00	38.25 0.57 0.00	36.88 0.47 0.00	37.79 0.51 0.00	34.68 0.49 0.00	38.86 0.50 0.00	40.52 0.57 0.00	37.80 0.58 0.00	35.89 0.64 0.00	35.49 0.57 0.00	31.66 0.47 0.00	35.33 0.39 0.00	39.75 0.41 0.00	33.13 0.34 0.00	29.67 0.36 0.00
BROWNFLS_115KV_TB_3_5 80003	31.53 -0.08 0.00	28.20 -0.14 0.00	28.51 -0.12 0.00	25.84 -0.11 0.00	25.09 -0.16 0.00	24.45 -0.08 0.00	22.27 -0.06 0.00	19.53 -0.17 0.00	30.64 -0.42 0.00	31.16 -0.45 0.00	36.88 -0.79 0.00	35.31 -1.10 0.00	36.12 -1.15 0.00	32.95 -1.24 0.00	36.98 -1.38 0.00	38.69 -1.27 0.00	36.20 -1.02 0.00	34.46 -0.79 0.00	34.17 -0.76 0.00	30.70 -0.49 0.00	34.56 -0.37 0.00	39.36 0.02 0.00	32.95 0.15 0.00	29.47 0.15 0.00
BROWNSV1_27_KV_LOAD 356125	33.74 2.14 0.00	30.22 1.87 0.00	30.24 1.60 0.00	27.33 1.38 0.00	26.58 1.33 0.00	25.89 1.36 0.00	23.71 1.38 0.00	75.77 1.24 -54.83	35.44 2.07 -2.32	87.56 2.10 -53.84	40.45 2.78 0.00	39.31 2.90 0.00	40.29 3.02 0.00	39.08 2.93 -1.96	41.62 3.26 0.00	43.42 3.46 0.00	40.53 3.31 0.00	38.48 3.23 0.00	37.81 2.88 0.00	33.40 2.21 0.00	37.22 2.28 0.00	41.80 2.45 0.00	34.94 2.14 0.00	31.19 1.88 0.00
BURROWS___LYONSDAL 23803	31.97 0.36 0.00	28.61 0.27 0.00	28.94 0.30 0.00	26.20 0.25 0.00	25.47 0.21 0.00	24.77 0.24 0.00	22.60 0.26 0.00	19.95 0.25 0.00	31.41 0.36 0.00	32.10 0.49 0.00	38.07 0.39 0.00	36.59 0.18 0.00	37.45 0.17 0.00	34.39 0.20 0.00	38.59 0.23 0.00	40.24 0.29 0.00	37.52 0.30 0.00	35.62 0.37 0.00	35.38 0.45 0.00	31.71 0.52 0.00	35.53 0.59 0.00	40.13 0.78 0.00	33.45 0.65 0.00	29.83 0.52 0.00
CAITHNESS_CC_1 323624	55.34 3.08 -20.65	61.36 2.81 -30.21	71.01 2.45 -39.91	64.45 2.17 -36.33	60.17 2.11 -32.81	49.34 1.97 -22.83	52.50 1.91 -28.26	96.21 1.74 -74.78	73.08 3.08 -38.95	97.52 2.81 -63.09	57.59 3.79 -16.12	61.18 3.80 -20.98	54.14 3.88 -12.98	56.45 3.74 -18.52	86.63 4.08 -44.20	49.50 4.19 -5.36	52.63 4.02 -11.38	53.12 3.94 -13.93	63.50 3.57 -25.00	34.79 2.57 -1.03	37.57 2.63 0.00	42.22 2.88 0.00	35.69 2.89 0.00	31.81 2.49 0.00
CALPINE BETH_PAGE_GT4 24209	54.74 2.48 -20.65	60.34 2.24 -29.76	70.57 2.01 -39.91	64.08 1.79 -36.33	59.80 1.74 -32.81	49.09 1.72 -22.83	52.28 1.69 -28.26	95.92 1.45 -74.78	72.40 2.40 -38.95	96.99 2.29 -63.09	56.83 3.03 -16.12	60.49 3.10 -20.98	53.47 3.21 -12.98	55.81 3.10 -18.52	59.17 3.37 -17.44	48.89 3.58 -5.35	52.05 3.44 -11.37	52.56 3.38 -13.92	62.92 2.99 -25.00	33.32 2.12 -0.01	37.15 2.22 0.00	41.76 2.42 0.00	35.19 2.40 0.00	31.37 2.05 0.00
CALPINE_BETH_PAGE_GT_4 323586	54.70 2.44 -20.65	60.35 2.25 -29.76	70.59 2.04 -39.91	64.08 1.79 -36.33	59.80 1.74 -32.81	49.09 1.72 -22.83	52.28 1.69 -28.26	95.92 1.45 -74.78	72.40 2.40 -38.95	96.99 2.29 -63.09	56.83 3.03 -16.12	60.49 3.11 -20.98	53.47 3.21 -12.98	55.81 3.09 -18.52	59.17 3.37 -17.44	48.89 3.58 -5.36	52.04 3.44 -11.37	52.56 3.38 -13.92	62.92 2.99 -25.00	33.32 2.12 -0.01	37.15 2.22 0.00	41.77 2.43 0.00	35.19 2.39 0.00	31.36 2.05 0.00
CALPINE_BP_GT1 23823	54.70 2.44 -20.65	60.35 2.25 -29.76	70.59 2.04 -39.91	64.08 1.79 -36.33	59.80 1.74 -32.81	49.09 1.72 -22.83	52.28 1.69 -28.26	95.92 1.45 -74.78	72.40 2.40 -38.95	96.99 2.29 -63.09	56.83 3.03 -16.12	60.49 3.11 -20.98	53.47 3.21 -12.98	55.81 3.09 -18.52	59.17 3.37 -17.44	48.89 3.58 -5.36	52.04 3.44 -11.37	52.56 3.38 -13.92	62.92 2.99 -25.00	33.32 2.12 -0.01	37.15 2.22 0.00	41.77 2.43 0.00	35.19 2.39 0.00	31.36 2.05 0.00
CALSPAN___DRP 24200	31.33 -0.27 0.00	27.95 -0.39 0.00	28.34 -0.30 0.00	25.71 -0.24 0.00	25.11 -0.14 0.00	24.30 -0.23 0.00	22.24 -0.09 0.00	19.70 0.00 0.00	31.22 0.17 0.00	32.26 0.64 0.00	38.12 0.45 0.00	36.66 0.24 0.00	37.44 0.16 0.00	34.38 0.18 0.00	38.32 -0.04 0.00	39.84 -0.12 -0.01	37.18 -0.04 0.00	35.37 0.11 0.00	34.98 0.06 0.00	31.42 0.22 0.00	35.01 0.08 0.00	39.56 0.22 0.00	33.05 0.25 0.00	29.88 0.57 0.00
CALVERTON___SOLAR 323806	55.64 3.39 -20.65	61.61 3.06 -30.21	71.25 2.69 -39.91	64.66 2.38 -36.33	60.37 2.31 -32.81	49.46 2.10 -22.83	52.61 2.03 -28.26	96.34 1.86 -74.78	73.34 3.34 -38.95	97.77 3.06 -63.09	57.95 4.15 -16.12	61.55 4.16 -20.98	54.54 4.29 -12.98	56.84 4.13 -18.52	87.28 4.52 -44.40	49.91 4.60 -5.36	53.02 4.42 -11.38	53.47 4.29 -13.93	63.86 3.94 -25.00	35.17 2.94 -1.04	37.95 3.02 0.00	42.63 3.28 0.00	36.00 3.21 0.00	32.06 2.75 0.00
CANDIGU_WT_PWR 323617	31.28 -0.33 0.00	27.84 -0.50 0.00	28.22 -0.42 0.00	25.59 -0.36 0.00	25.11 -0.15 0.00	24.45 -0.07 0.00	22.34 0.00 0.00	19.87 0.17 0.00	31.50 0.44 0.00	32.27 0.66 0.00	38.39 0.72 0.00	36.92 0.51 0.00	37.80 0.52 0.00	34.69 0.50 0.00	38.74 0.39 0.00	40.30 0.34 0.00	37.51 0.28 0.00	35.65 0.39 0.00	35.26 0.33 0.00	31.54 0.35 0.00	35.14 0.21 0.00	39.67 0.33 0.00	32.98 0.18 0.00	29.60 0.29 0.00
CARR STREET_E_SYR 24060	31.17 -0.44 0.00	27.91 -0.43 0.00	28.20 -0.44 0.00	25.55 -0.40 0.00	24.90 -0.36 0.00	24.19 -0.33 0.00	22.05 -0.29 0.00	19.43 -0.27 0.00	30.55 -0.51 0.00	31.15 -0.46 0.00	37.08 -0.59 0.00	35.80 -0.61 0.00	36.66 -0.61 0.00	33.66 -0.53 0.00	37.75 -0.61 0.00	39.36 -0.60 0.00	36.76 -0.46 0.00	34.89 -0.37 0.00	34.57 -0.36 0.00	30.89 -0.30 0.00	34.50 -0.44 0.00	38.78 -0.56 0.00	32.31 -0.49 0.00	28.91 -0.40 0.00
CARTHAGE___PAPER 23857	31.79 0.18 0.00	28.40 0.06 0.00	28.69 0.05 0.00	25.97 0.02 0.00	25.19 -0.06 0.00	24.59 0.06 0.00	22.46 0.13 0.00	19.89 0.19 0.00	31.14 0.08 0.00	32.03 0.42 0.00	37.50 -0.18 0.00	35.48 -0.93 0.00	36.38 -0.89 0.00	33.49 -0.70 0.00	37.38 -0.98 0.00	39.34 -0.61 0.00	36.60 -0.62 0.00	34.92 -0.34 0.00	34.74 -0.19 0.00	31.29 0.10 0.00	35.28 0.35 0.00	40.02 0.67 0.00	33.44 0.65 0.00	29.83 0.52 0.00



CASSADAGA_WT_PWR 323784	32.11 0.50 0.00	28.62 0.28 0.00	29.07 0.43 0.00	26.34 0.39 0.00	25.76 0.50 0.00	24.97 0.44 0.00	22.93 0.60 0.00	20.39 0.69 0.00	32.36 1.31 0.00	33.41 1.80 0.00	39.60 1.93 0.00	38.18 1.77 0.00	38.87 1.59 0.00	35.59 1.40 0.00	39.76 1.40 0.00	41.33 1.38 0.00	38.73 1.50 0.00	36.92 1.66 0.00	36.45 1.53 0.00	32.64 1.45 0.00	36.33 1.40 0.00	41.00 1.66 0.00	34.10 1.30 0.00	30.67 1.36 0.00
CE_DUNWOOD___DRP 24194	33.31 1.71 0.00	29.86 1.52 0.00	29.91 1.27 0.00	27.04 1.10 0.00	26.32 1.06 0.00	25.62 1.09 0.00	23.42 1.09 0.00	78.92 0.98 -58.25	35.15 1.64 -2.46	90.44 1.62 -57.20	39.88 2.21 0.00	38.72 2.31 0.00	39.67 2.39 0.00	38.60 2.33 -2.09	40.94 2.58 0.00	42.69 2.73 0.00	39.85 2.63 0.00	37.85 2.60 0.00	37.24 2.32 0.00	32.93 1.74 0.00	36.72 1.78 0.00	41.25 1.90 0.00	34.49 1.69 0.00	30.78 1.47 0.00
CE_MILLWOOD___DRP 24193	33.25 1.64 0.00	29.80 1.46 0.00	29.86 1.22 0.00	27.00 1.05 0.00	26.27 1.02 0.00	25.58 1.05 0.00	23.38 1.05 0.00	81.30 0.94 -60.66	35.19 1.57 -2.56	92.74 1.55 -59.57	39.79 2.12 0.00	38.64 2.22 0.00	39.57 2.30 0.00	38.60 2.24 -2.17	40.84 2.49 0.00	42.57 2.62 0.00	39.75 2.53 0.00	37.76 2.50 0.00	37.16 2.23 0.00	32.86 1.67 0.00	36.65 1.71 0.00	41.17 1.82 0.00	34.42 1.62 0.00	30.72 1.40 0.00
CE_NYC2_DRP 24202	33.39 1.78 0.00	29.94 1.60 0.00	29.95 1.31 0.00	27.08 1.13 0.00	26.35 1.10 0.00	25.67 1.14 0.00	23.51 1.17 0.00	75.55 1.04 -54.81	35.13 1.76 -2.32	87.21 1.76 -53.83	40.03 2.36 0.00	38.91 2.49 0.00	39.88 2.61 0.00	38.69 2.54 -1.96	41.20 2.84 0.00	42.93 2.97 0.00	40.10 2.88 0.00	38.05 2.79 0.00	37.34 2.41 0.00	33.00 1.81 0.00	36.73 1.79 0.00	41.30 1.95 0.00	34.58 1.78 0.00	30.87 1.56 0.00
CE_NYC_DRP 24195	33.41 1.80 0.00	29.94 1.60 0.00	29.96 1.32 0.00	27.09 1.15 0.00	26.36 1.11 0.00	25.66 1.13 0.00	23.49 1.16 0.00	75.57 1.04 -54.83	35.11 1.74 -2.32	87.21 1.75 -53.85	40.05 2.37 0.00	38.91 2.50 0.00	39.87 2.59 0.00	38.69 2.53 -1.96	41.18 2.82 0.00	42.94 2.98 0.00	40.08 2.86 0.00	38.06 2.80 0.00	37.40 2.47 0.00	33.05 1.86 0.00	36.82 1.89 0.00	41.34 2.00 0.00	34.56 1.77 0.00	30.86 1.55 0.00
CHAFFEE___LFGE 323603	31.41 -0.19 0.00	27.99 -0.35 0.00	28.36 -0.28 0.00	25.72 -0.23 0.00	25.12 -0.13 0.00	24.34 -0.19 0.00	22.28 -0.05 0.00	19.74 0.04 0.00	31.30 0.24 0.00	32.32 0.70 0.00	38.20 0.52 0.00	36.76 0.35 0.00	37.55 0.27 0.00	34.48 0.29 0.00	38.46 0.10 0.00	39.98 0.02 0.00	37.33 0.10 0.00	35.50 0.24 0.00	35.13 0.20 0.00	31.55 0.36 0.00	35.16 0.22 0.00	39.72 0.38 0.00	33.14 0.34 0.00	29.94 0.63 0.00
CHATEAUG_35_KV_LOAD 355732	31.76 0.15 0.00	28.44 0.10 0.00	28.77 0.13 0.00	26.08 0.13 0.00	25.32 0.07 0.00	24.68 0.15 0.00	22.61 0.28 0.00	20.00 0.30 0.00	31.56 0.50 0.00	32.00 0.39 0.00	38.22 0.54 0.00	36.83 0.41 0.00	37.65 0.37 0.00	34.42 0.23 0.00	38.81 0.45 0.00	40.27 0.32 0.00	37.27 0.05 0.00	35.26 0.01 0.00	35.00 0.08 0.00	31.37 0.17 0.00	35.24 0.31 0.00	39.84 0.50 0.00	33.05 0.26 0.00	29.52 0.20 0.00
CHATEAUG_WT_PWR 323614	31.72 0.11 0.00	28.43 0.09 0.00	28.76 0.12 0.00	26.04 0.09 0.00	25.30 0.05 0.00	24.67 0.15 0.00	22.60 0.27 0.00	20.00 0.30 0.00	31.55 0.50 0.00	32.00 0.39 0.00	38.22 0.55 0.00	36.85 0.43 0.00	37.66 0.38 0.00	34.44 0.25 0.00	38.82 0.46 0.00	40.30 0.34 0.00	37.31 0.09 0.00	35.28 0.03 0.00	35.01 0.09 0.00	31.36 0.17 0.00	35.22 0.29 0.00	39.83 0.48 0.00	33.06 0.26 0.00	29.52 0.21 0.00
CHAT_HIGH_FALL_HYD 323578	31.74 0.13 0.00	28.45 0.11 0.00	28.78 0.14 0.00	26.08 0.13 0.00	25.32 0.07 0.00	24.68 0.15 0.00	22.61 0.27 0.00	20.00 0.30 0.00	31.55 0.50 0.00	32.00 0.39 0.00	38.22 0.54 0.00	36.83 0.41 0.00	37.65 0.37 0.00	34.42 0.23 0.00	38.81 0.45 0.00	40.28 0.32 0.00	37.27 0.05 0.00	35.26 0.01 0.00	35.00 0.08 0.00	31.37 0.18 0.00	35.24 0.31 0.00	39.85 0.50 0.00	33.05 0.26 0.00	29.52 0.20 0.00
CHAUTAUQUA___LFGE 323629	31.76 0.15 0.00	28.27 -0.07 0.00	28.70 0.06 0.00	26.00 0.05 0.00	25.44 0.19 0.00	24.67 0.14 0.00	22.62 0.28 0.00	20.07 0.38 0.00	31.83 0.78 0.00	32.82 1.20 0.00	38.94 1.26 0.00	37.49 1.08 0.00	38.27 0.99 0.00	35.07 0.88 0.00	39.17 0.81 0.00	40.73 0.77 -0.01	38.06 0.83 0.00	36.25 0.99 0.00	35.81 0.88 0.00	32.08 0.89 0.00	35.72 0.79 0.00	40.33 0.99 0.00	33.60 0.80 0.00	30.29 0.97 0.00
CHERRYST_13_KV_LD 356241	33.50 1.89 0.00	30.01 1.67 0.00	30.04 1.40 0.00	27.17 1.22 0.00	26.43 1.18 0.00	25.73 1.20 0.00	23.57 1.24 0.00	75.64 1.11 -54.83	35.24 1.88 -2.32	87.36 1.90 -53.85	40.23 2.55 0.00	39.09 2.68 0.00	40.06 2.79 0.00	38.86 2.71 -1.96	41.38 3.02 0.00	43.14 3.19 0.00	40.27 3.05 0.00	38.22 2.97 0.00	37.55 2.63 0.00	33.17 1.98 0.00	36.94 2.01 0.00	41.48 2.13 0.00	34.68 1.88 0.00	30.95 1.64 0.00
CHESTROR_138KV_BK263 355645	32.94 1.33 0.00	29.53 1.19 0.00	29.63 0.99 0.00	26.79 0.85 0.00	26.07 0.82 0.00	25.38 0.85 0.00	23.18 0.84 0.00	-31.66 0.75 52.11	30.11 1.26 2.20	-18.32 1.23 51.17	39.37 1.69 0.00	38.20 1.79 0.00	39.12 1.85 0.00	34.13 1.81 1.87	40.36 2.00 0.00	42.07 2.11 0.00	39.30 2.07 0.00	37.32 2.07 0.00	36.78 1.85 0.00	32.58 1.39 0.00	36.36 1.43 0.00	40.86 1.51 0.00	34.12 1.32 0.00	30.45 1.14 0.00
CH_MIDHUDSON___DRP 24192	33.33 1.72 0.00	29.87 1.53 0.00	29.96 1.32 0.00	27.09 1.15 0.00	26.37 1.11 0.00	25.66 1.14 0.00	23.45 1.12 0.00	35.82 1.02 -15.10	33.38 1.69 -0.64	48.10 1.65 -14.83	39.90 2.23 0.00	38.76 2.35 0.00	39.72 2.45 0.00	37.10 2.37 -0.54	40.96 2.59 0.00	42.69 2.74 0.00	39.89 2.66 0.00	37.90 2.64 0.00	37.34 2.41 0.00	33.07 1.88 0.00	36.88 1.95 0.00	41.45 2.10 0.00	34.62 1.83 0.00	30.89 1.58 0.00
CH_MISC_IPPS 23765	33.46 1.85 0.00	29.99 1.65 0.00	30.07 1.44 0.00	27.18 1.24 0.00	26.45 1.20 0.00	25.75 1.23 0.00	23.54 1.21 0.00	30.53 1.13 -9.70	33.33 1.87 -0.41	42.99 1.85 -9.53	40.12 2.45 0.00	38.99 2.58 0.00	39.97 2.70 0.00	37.15 2.61 -0.35	41.23 2.87 0.00	43.02 3.06 0.00	40.22 2.99 0.00	38.20 2.95 0.00	37.65 2.72 0.00	33.33 2.14 0.00	37.17 2.24 0.00	41.75 2.41 0.00	34.86 2.06 0.00	31.08 1.77 0.00
CH_RES_BVR_FALLS 23983	31.46 -0.15 0.00	28.19 -0.15 0.00	28.51 -0.13 0.00	25.85 -0.09 0.00	25.14 -0.12 0.00	24.40 -0.13 0.00	22.23 -0.10 0.00	19.61 -0.09 0.00	30.91 -0.14 0.00	31.50 -0.12 0.00	37.44 -0.23 0.00	36.13 -0.28 0.00	36.99 -0.29 0.00	33.92 -0.27 0.00	38.11 -0.24 0.00	39.73 -0.22 0.00	36.98 -0.25 0.00	34.99 -0.26 0.00	34.69 -0.23 0.00	31.02 -0.17 0.00	34.79 -0.14 0.00	39.26 -0.08 0.00	32.69 -0.11 0.00	29.21 -0.10 0.00



CH_RES_NIAGARA 23895	30.58 -1.03 0.00	27.34 -1.00 0.00	27.81 -0.83 0.00	25.24 -0.71 0.00	24.64 -0.62 0.00	23.77 -0.76 0.00	21.74 -0.60 0.00	19.07 -0.63 0.00	30.11 -0.95 0.00	31.16 -0.46 0.00	36.68 -0.99 0.00	35.25 -1.16 0.00	35.90 -1.38 0.00	32.94 -1.25 0.00	36.64 -1.71 0.00	38.02 -1.94 0.00	35.58 -1.65 0.00	33.90 -1.35 0.00	33.52 -1.41 0.00	30.20 -0.99 0.00	33.70 -1.24 0.00	38.09 -1.25 0.00	31.93 -0.87 0.00	29.11 -0.21 0.00
CH_RES_SYRACUSE 23985	31.36 -0.25 0.00	28.10 -0.24 0.00	28.38 -0.26 0.00	25.69 -0.26 0.00	25.05 -0.21 0.00	24.38 -0.15 0.00	22.21 -0.12 0.00	19.62 -0.08 0.00	30.88 -0.17 0.00	31.42 -0.19 0.00	37.40 -0.28 0.00	36.11 -0.30 0.00	36.99 -0.28 0.00	33.97 -0.22 0.00	38.09 -0.26 0.00	39.71 -0.24 0.00	37.10 -0.12 0.00	35.19 -0.06 0.00	34.90 -0.02 0.00	31.19 0.00 0.00	34.82 -0.11 0.00	39.13 -0.21 0.00	32.60 -0.20 0.00	29.14 -0.17 0.00
CLINTON_WT_PWR 323605	31.72 0.11 0.00	28.43 0.09 0.00	28.76 0.12 0.00	26.04 0.09 0.00	25.30 0.05 0.00	24.67 0.15 0.00	22.60 0.27 0.00	20.00 0.30 0.00	31.55 0.50 0.00	32.00 0.39 0.00	38.22 0.55 0.00	36.85 0.43 0.00	37.66 0.38 0.00	34.44 0.25 0.00	38.82 0.46 0.00	40.30 0.34 0.00	37.31 0.09 0.00	35.28 0.03 0.00	35.01 0.09 0.00	31.36 0.17 0.00	35.22 0.29 0.00	39.83 0.48 0.00	33.06 0.26 0.00	29.52 0.21 0.00
CLINTON___LFGE 323618	31.99 0.38 0.00	28.64 0.30 0.00	28.98 0.34 0.00	26.25 0.30 0.00	25.50 0.25 0.00	24.90 0.37 0.00	22.85 0.51 0.00	20.23 0.53 0.00	31.93 0.88 0.00	32.39 0.77 0.00	38.68 1.01 0.00	37.31 0.90 0.00	38.10 0.83 0.00	34.84 0.65 0.00	39.27 0.92 0.00	40.74 0.79 0.00	37.74 0.51 0.00	35.70 0.45 0.00	35.44 0.52 0.00	31.77 0.58 0.00	35.66 0.73 0.00	40.32 0.98 0.00	33.47 0.67 0.00	29.86 0.55 0.00
COBBLENY_34_KV_TB1 80064	31.39 -0.22 0.00	27.99 -0.34 0.00	28.36 -0.28 0.00	25.71 -0.23 0.00	25.12 -0.13 0.00	24.34 -0.19 0.00	22.28 -0.05 0.00	19.74 0.04 0.00	31.30 0.24 0.00	32.31 0.70 0.00	38.20 0.53 0.00	36.76 0.35 0.00	37.55 0.27 0.00	34.47 0.28 0.00	38.45 0.09 0.00	39.98 0.02 0.00	37.32 0.10 0.00	35.49 0.24 0.00	35.13 0.20 0.00	31.53 0.34 0.00	35.15 0.22 0.00	39.72 0.38 0.00	33.14 0.34 0.00	29.94 0.63 0.00
COFFEEN___115KV_TB3 355620	31.74 0.13 0.00	28.34 0.00 0.00	28.59 -0.04 0.00	25.87 -0.08 0.00	25.10 -0.15 0.00	24.54 0.00 0.00	22.44 0.10 0.00	19.83 0.13 0.00	31.05 0.00 0.00	31.90 0.28 0.00	37.42 -0.25 0.00	35.43 -0.98 0.00	36.24 -1.04 0.00	33.45 -0.74 0.00	37.19 -1.17 0.00	39.04 -0.92 0.00	36.46 -0.76 0.00	34.84 -0.42 0.00	34.73 -0.20 0.00	31.32 0.12 0.00	35.44 0.51 0.00	40.14 0.79 0.00	33.50 0.70 0.00	29.85 0.54 0.00
COLDSPRG_115KV_BK1 355956	32.25 0.64 0.00	28.76 0.42 0.00	29.19 0.55 0.00	26.43 0.48 0.00	25.85 0.60 0.00	25.13 0.60 0.00	23.06 0.73 0.00	20.51 0.81 0.00	32.53 1.48 0.00	33.55 1.94 0.00	39.66 1.99 0.00	38.16 1.75 0.00	38.86 1.58 0.00	35.59 1.40 0.00	39.74 1.38 0.00	41.32 1.36 0.00	38.77 1.55 0.00	36.95 1.69 0.00	36.45 1.52 0.00	32.56 1.37 0.00	36.31 1.37 0.00	41.06 1.71 0.00	34.19 1.39 0.00	30.80 1.48 0.00
COLONIE_LFGE___ 323577	33.07 1.47 0.00	29.73 1.39 0.00	29.93 1.29 0.00	27.12 1.17 0.00	26.39 1.14 0.00	25.68 1.15 0.00	23.37 1.03 0.00	33.60 0.93 -12.97	33.11 1.51 -0.55	45.80 1.45 -12.73	39.51 1.83 0.00	38.33 1.92 0.00	39.17 1.89 0.00	36.35 1.70 -0.46	40.21 1.85 0.00	41.70 1.75 0.00	38.95 1.72 0.00	36.99 1.73 0.00	36.58 1.65 0.00	32.59 1.41 0.00	36.53 1.60 0.00	41.03 1.69 0.00	34.32 1.52 0.00	30.67 1.35 0.00
COOPERNY_115KV_TB1 80082	32.58 0.98 0.00	29.22 0.87 0.00	29.36 0.72 0.00	26.55 0.60 0.00	25.85 0.59 0.00	25.15 0.62 0.00	22.94 0.61 0.00	2.26 0.55 17.99	31.22 0.92 0.76	14.88 0.93 17.66	38.91 1.24 0.00	37.72 1.31 0.00	38.63 1.35 0.00	34.87 1.33 0.64	39.81 1.46 0.00	41.50 1.55 0.00	38.74 1.52 0.00	36.79 1.53 0.00	36.28 1.36 0.00	32.21 1.02 0.00	35.99 1.05 0.00	40.44 1.10 0.00	33.76 0.96 0.00	30.14 0.83 0.00
COPENHAGEN_WT_PWR 323753	31.46 -0.15 0.00	28.11 -0.23 0.00	28.35 -0.28 0.00	25.63 -0.32 0.00	24.84 -0.42 0.00	24.30 -0.23 0.00	22.23 -0.11 0.00	19.65 -0.04 0.00	30.82 -0.23 0.00	31.63 0.01 0.00	37.11 -0.57 0.00	35.17 -1.24 0.00	36.02 -1.25 0.00	33.24 -0.95 0.00	37.09 -1.27 0.00	38.94 -1.02 0.00	36.36 -0.87 0.00	34.72 -0.53 0.00	34.55 -0.38 0.00	31.09 -0.10 0.00	35.04 0.11 0.00	39.70 0.35 0.00	33.18 0.39 0.00	29.60 0.28 0.00
CORNELL_____ 23752	32.04 0.43 0.00	28.67 0.33 0.00	28.99 0.35 0.00	26.24 0.29 0.00	25.60 0.34 0.00	24.89 0.36 0.00	22.71 0.37 0.00	20.10 0.40 0.00	31.65 0.60 0.00	32.24 0.63 0.00	38.34 0.67 0.00	36.93 0.52 0.00	37.80 0.52 0.00	34.71 0.52 0.00	38.89 0.53 0.00	40.57 0.61 0.00	37.94 0.72 0.00	36.09 0.84 0.00	35.85 0.93 0.00	32.07 0.88 0.00	35.82 0.89 0.00	40.28 0.93 0.00	33.51 0.71 0.00	29.94 0.63 0.00
CORONA_AAV_69_KV_TB1 355595	54.80 2.54 -20.65	59.87 2.30 -29.23	70.49 1.94 -39.91	64.00 1.72 -36.33	59.73 1.66 -32.81	49.03 1.66 -22.83	52.22 1.63 -28.26	95.86 1.39 -74.78	72.30 2.30 -38.95	96.94 2.23 -63.09	56.84 3.05 -16.12	60.51 3.12 -20.98	53.45 3.20 -12.98	55.75 3.04 -18.52	58.81 3.37 -17.08	48.87 3.56 -5.35	52.01 3.41 -11.37	52.55 3.38 -13.92	62.92 2.99 -25.00	33.28 2.09 0.00	37.23 2.30 0.00	41.91 2.56 0.00	35.22 2.42 0.00	31.38 2.07 0.00
CORTLAND_115KV_TB3 80093	31.82 0.22 0.00	28.48 0.14 0.00	28.79 0.15 0.00	26.06 0.11 0.00	25.41 0.15 0.00	24.71 0.19 0.00	22.53 0.20 0.00	19.92 0.22 0.00	31.40 0.35 0.00	32.01 0.40 0.00	38.12 0.44 0.00	36.72 0.31 0.00	37.61 0.34 0.00	34.53 0.34 0.00	38.72 0.36 0.00	40.36 0.41 0.00	37.70 0.47 0.00	35.82 0.56 0.00	35.51 0.58 0.00	31.74 0.55 0.00	35.45 0.52 0.00	39.88 0.54 0.00	33.20 0.40 0.00	29.67 0.35 0.00
COXSACKIE___GT 23611	33.71 2.11 0.00	30.31 1.98 0.00	30.51 1.86 0.00	27.66 1.72 0.00	26.94 1.68 0.00	26.27 1.74 0.00	23.96 1.62 0.00	31.77 1.47 -10.59	33.81 2.31 -0.45	44.15 2.12 -10.40	40.10 2.43 0.00	38.92 2.51 0.00	39.83 2.55 0.00	36.78 2.21 -0.38	40.87 2.51 0.00	42.36 2.41 0.00	39.73 2.50 0.00	37.89 2.63 0.00	37.49 2.56 0.00	33.66 2.48 0.00	37.81 2.87 0.00	42.57 3.22 0.00	35.47 2.68 0.00	31.60 2.29 0.00
CPV_VALLEY___CC1 323721	32.67 1.07 0.00	29.31 0.97 0.00	29.42 0.78 0.00	26.60 0.66 0.00	25.89 0.63 0.00	25.20 0.67 0.00	23.00 0.67 0.00	-8.83 0.60 29.13	30.84 1.01 1.23	4.02 1.02 28.61	39.06 1.39 0.00	37.90 1.49 0.00	38.81 1.53 0.00	34.66 1.51 1.04	40.02 1.66 0.00	41.71 1.75 0.00	38.95 1.72 0.00	36.99 1.74 0.00	36.45 1.52 0.00	32.29 1.10 0.00	36.05 1.12 0.00	40.51 1.17 0.00	33.84 1.04 0.00	30.19 0.88 0.00



CPV_VALLEY___CC2 323722	32.67 1.07 0.00	29.31 0.97 0.00	29.42 0.78 0.00	26.60 0.66 0.00	25.89 0.63 0.00	25.20 0.67 0.00	23.00 0.67 0.00	-8.83 0.60 29.13	30.84 1.01 1.23	4.02 1.02 28.61	39.06 1.39 0.00	37.90 1.49 0.00	38.81 1.53 0.00	34.66 1.51 1.04	40.02 1.66 0.00	41.71 1.75 0.00	38.95 1.72 0.00	36.99 1.74 0.00	36.45 1.52 0.00	32.29 1.10 0.00	36.05 1.12 0.00	40.51 1.17 0.00	33.84 1.04 0.00	30.19 0.88 0.00
CRESCENT___HYD 24018	33.07 1.47 0.00	29.73 1.39 0.00	29.93 1.29 0.00	27.12 1.17 0.00	26.39 1.14 0.00	25.68 1.15 0.00	23.37 1.03 0.00	33.60 0.93 -12.97	33.11 1.51 -0.55	45.80 1.45 -12.73	39.51 1.83 0.00	38.33 1.92 0.00	39.17 1.89 0.00	36.35 1.70 -0.46	40.21 1.85 0.00	41.70 1.75 0.00	38.95 1.72 0.00	36.99 1.73 0.00	36.58 1.65 0.00	32.59 1.41 0.00	36.53 1.60 0.00	41.03 1.69 0.00	34.32 1.52 0.00	30.67 1.35 0.00
CRICKET___VALLEY_CC1 323756	33.04 1.44 0.00	29.66 1.32 0.00	29.76 1.12 0.00	26.93 0.98 0.00	26.20 0.95 0.00	25.51 0.98 0.00	23.30 0.97 0.00	45.46 0.87 -24.89	33.53 1.43 -1.05	57.39 1.33 -24.44	39.55 1.88 0.00	38.40 1.99 0.00	39.33 2.05 0.00	37.07 1.99 -0.89	40.52 2.16 0.00	42.16 2.20 0.00	39.37 2.15 0.00	37.43 2.18 0.00	36.88 1.96 0.00	32.67 1.49 0.00	36.44 1.50 0.00	41.06 1.71 0.00	34.34 1.54 0.00	30.67 1.36 0.00
CRICKET___VALLEY_CC2 323757	33.04 1.44 0.00	29.66 1.32 0.00	29.76 1.12 0.00	26.93 0.98 0.00	26.20 0.95 0.00	25.51 0.98 0.00	23.30 0.97 0.00	45.46 0.87 -24.89	33.53 1.43 -1.05	57.39 1.33 -24.44	39.55 1.88 0.00	38.40 1.99 0.00	39.33 2.05 0.00	37.07 1.99 -0.89	40.52 2.16 0.00	42.16 2.20 0.00	39.37 2.15 0.00	37.43 2.18 0.00	36.88 1.96 0.00	32.67 1.49 0.00	36.44 1.50 0.00	41.06 1.71 0.00	34.34 1.54 0.00	30.67 1.36 0.00
CRICKET___VALLEY_CC3 323758	33.04 1.44 0.00	29.66 1.32 0.00	29.76 1.12 0.00	26.93 0.98 0.00	26.20 0.95 0.00	25.51 0.98 0.00	23.30 0.97 0.00	45.46 0.87 -24.89	33.53 1.43 -1.05	57.39 1.33 -24.44	39.55 1.88 0.00	38.40 1.99 0.00	39.33 2.05 0.00	37.07 1.99 -0.89	40.52 2.16 0.00	42.16 2.20 0.00	39.37 2.15 0.00	37.43 2.18 0.00	36.88 1.96 0.00	32.67 1.49 0.00	36.44 1.50 0.00	41.06 1.71 0.00	34.34 1.54 0.00	30.67 1.36 0.00
CRUCIBLE_METL_DRP 24180	31.36 -0.24 0.00	28.10 -0.24 0.00	28.38 -0.26 0.00	25.69 -0.26 0.00	25.05 -0.21 0.00	24.38 -0.15 0.00	22.21 -0.12 0.00	19.61 -0.09 0.00	30.87 -0.18 0.00	31.42 -0.19 0.00	37.40 -0.28 0.00	36.11 -0.30 0.00	36.99 -0.28 0.00	33.97 -0.22 0.00	38.09 -0.26 0.00	39.71 -0.24 0.00	37.10 -0.13 0.00	35.19 -0.06 0.00	34.90 -0.02 0.00	31.19 0.00 0.00	34.82 -0.11 0.00	39.14 -0.21 0.00	32.60 -0.20 0.00	29.15 -0.16 0.00
DAHOWA___HYDRO 323763	33.50 1.89 0.00	30.01 1.67 0.00	30.21 1.57 0.00	27.36 1.41 0.00	26.64 1.39 0.00	25.97 1.44 0.00	23.72 1.38 0.00	33.36 1.24 -12.42	33.56 1.98 -0.52	45.74 1.92 -12.20	40.00 2.33 0.00	38.82 2.41 0.00	39.56 2.28 0.00	36.65 2.02 -0.45	40.57 2.21 0.00	42.12 2.16 0.00	39.32 2.10 0.00	37.38 2.13 0.00	37.10 2.17 0.00	33.06 1.87 0.00	37.19 2.26 0.00	41.76 2.42 0.00	34.91 2.11 0.00	31.16 1.85 0.00
DANC___LFGE 323619	31.24 -0.37 0.00	27.94 -0.40 0.00	28.20 -0.44 0.00	25.50 -0.44 0.00	24.77 -0.49 0.00	24.18 -0.35 0.00	22.08 -0.25 0.00	19.51 -0.18 0.00	30.65 -0.40 0.00	31.35 -0.27 0.00	36.94 -0.73 0.00	35.25 -1.16 0.00	36.09 -1.18 0.00	33.24 -0.95 0.00	37.15 -1.21 0.00	38.90 -1.05 0.00	36.28 -0.95 0.00	34.59 -0.66 0.00	34.38 -0.54 0.00	30.87 -0.32 0.00	34.69 -0.25 0.00	39.21 -0.13 0.00	32.74 -0.06 0.00	29.25 -0.07 0.00
DANSKAMMER___1 23586	33.46 1.85 0.00	29.99 1.65 0.00	30.07 1.44 0.00	27.18 1.24 0.00	26.45 1.20 0.00	25.75 1.23 0.00	23.54 1.21 0.00	30.53 1.13 -9.70	33.33 1.87 -0.41	42.99 1.85 -9.53	40.12 2.45 0.00	38.99 2.58 0.00	39.97 2.70 0.00	37.15 2.61 -0.35	41.23 2.87 0.00	43.02 3.06 0.00	40.22 2.99 0.00	38.20 2.95 0.00	37.65 2.72 0.00	33.33 2.14 0.00	37.17 2.24 0.00	41.75 2.41 0.00	34.86 2.06 0.00	31.08 1.77 0.00
DANSKAMMER___2 23589	33.46 1.85 0.00	29.99 1.65 0.00	30.07 1.44 0.00	27.18 1.24 0.00	26.45 1.20 0.00	25.75 1.23 0.00	23.54 1.21 0.00	30.53 1.13 -9.70	33.33 1.87 -0.41	42.99 1.85 -9.53	40.12 2.45 0.00	38.99 2.58 0.00	39.97 2.70 0.00	37.15 2.61 -0.35	41.23 2.87 0.00	43.02 3.06 0.00	40.22 2.99 0.00	38.20 2.95 0.00	37.65 2.72 0.00	33.33 2.14 0.00	37.17 2.24 0.00	41.75 2.41 0.00	34.86 2.06 0.00	31.08 1.77 0.00
DANSKAMMER___3 23590	33.46 1.85 0.00	29.99 1.65 0.00	30.07 1.44 0.00	27.18 1.24 0.00	26.45 1.20 0.00	25.75 1.23 0.00	23.54 1.21 0.00	30.53 1.13 -9.70	33.33 1.87 -0.41	42.99 1.85 -9.53	40.12 2.45 0.00	38.99 2.58 0.00	39.97 2.70 0.00	37.15 2.61 -0.35	41.23 2.87 0.00	43.02 3.06 0.00	40.22 2.99 0.00	38.20 2.95 0.00	37.65 2.72 0.00	33.33 2.14 0.00	37.17 2.24 0.00	41.75 2.41 0.00	34.86 2.06 0.00	31.08 1.77 0.00
DANSKAMMER___4 23591	33.46 1.85 0.00	29.99 1.65 0.00	30.07 1.44 0.00	27.18 1.24 0.00	26.45 1.20 0.00	25.75 1.23 0.00	23.54 1.21 0.00	30.53 1.13 -9.70	33.33 1.87 -0.41	42.99 1.85 -9.53	40.12 2.45 0.00	38.99 2.58 0.00	39.97 2.70 0.00	37.15 2.61 -0.35	41.23 2.87 0.00	43.02 3.06 0.00	40.22 2.99 0.00	38.20 2.95 0.00	37.65 2.72 0.00	33.33 2.14 0.00	37.17 2.24 0.00	41.75 2.41 0.00	34.86 2.06 0.00	31.08 1.77 0.00
DANSKAMMER___DIESEL 23592	33.47 1.86 0.00	29.99 1.65 0.00	30.07 1.43 0.00	27.18 1.23 0.00	26.45 1.20 0.00	25.75 1.23 0.00	23.54 1.21 0.00	30.53 1.13 -9.70	33.34 1.88 -0.41	42.99 1.85 -9.53	40.12 2.45 0.00	38.99 2.58 0.00	39.97 2.70 0.00	37.15 2.61 -0.35	41.23 2.87 0.00	43.02 3.06 0.00	40.21 2.99 0.00	38.21 2.95 0.00	37.65 2.72 0.00	33.33 2.14 0.00	37.17 2.24 0.00	41.75 2.41 0.00	34.85 2.06 0.00	31.08 1.77 0.00
DARBY___SOLAR 323810	33.45 1.84 0.00	29.98 1.64 0.00	30.18 1.54 0.00	27.33 1.39 0.00	26.61 1.36 0.00	25.93 1.40 0.00	23.66 1.33 0.00	33.39 1.19 -12.51	33.47 1.89 -0.53	45.73 1.84 -12.28	39.91 2.23 0.00	38.74 2.33 0.00	39.49 2.21 0.00	36.61 1.97 -0.45	40.52 2.16 0.00	42.05 2.10 0.00	39.26 2.04 0.00	37.33 2.08 0.00	37.02 2.09 0.00	33.00 1.80 0.00	37.09 2.15 0.00	41.66 2.31 0.00	34.82 2.03 0.00	31.09 1.78 0.00
DASHVILLE___HYD 23610	33.03 1.42 0.00	29.59 1.25 0.00	29.69 1.05 0.00	26.82 0.87 0.00	26.09 0.83 0.00	25.36 0.83 0.00	23.16 0.83 0.00	20.48 0.78 0.00	32.39 1.34 0.00	32.96 1.35 0.00	39.54 1.86 0.00	38.43 2.02 0.00	39.40 2.13 0.00	36.30 2.11 0.00	40.65 2.29 0.00	42.42 2.47 0.00	39.62 2.39 0.00	37.59 2.34 0.00	37.02 2.09 0.00	32.73 1.54 0.00	36.51 1.57 0.00	41.01 1.66 0.00	34.25 1.45 0.00	30.54 1.23 0.00



DEERFIELD_69_KV_DEERFIELD LD 355887	56.53 4.27 -20.65	62.27 3.72 -30.21	71.84 3.28 -39.91	65.23 2.95 -36.33	60.93 2.86 -32.81	50.01 2.64 -22.83	53.14 2.55 -28.26	96.82 2.35 -74.78	74.19 4.19 -38.95	98.69 3.98 -63.09	59.13 5.33 -16.12	62.76 5.37 -20.98	55.83 5.58 -12.98	58.05 5.33 -18.52	88.77 5.94 -44.48	51.36 6.05 -5.35	54.38 5.78 -11.38	54.76 5.57 -13.93	65.11 5.19 -25.00	36.27 4.04 -1.04	39.17 4.24 0.00	43.89 4.55 0.00	37.00 4.21 0.00	32.89 3.58 0.00
DELAWARE___LFGE 323621	32.56 0.96 0.00	29.21 0.87 0.00	29.48 0.84 0.00	26.65 0.70 0.00	25.95 0.69 0.00	25.25 0.72 0.00	22.98 0.65 0.00	20.31 0.61 0.00	32.05 1.00 0.00	32.64 1.02 0.00	38.96 1.28 0.00	37.65 1.24 0.00	38.58 1.31 0.00	35.43 1.24 0.00	39.72 1.36 0.00	41.37 1.42 0.00	38.63 1.40 0.00	36.63 1.37 0.00	36.20 1.27 0.00	32.27 1.07 0.00	36.07 1.13 0.00	40.56 1.21 0.00	33.83 1.03 0.00	30.21 0.91 0.00
DERFIELD_115KV_TB7 355931	31.62 0.02 0.00	28.37 0.03 0.00	28.64 0.00 0.00	25.95 0.00 0.00	25.25 0.00 0.00	24.53 0.00 0.00	22.33 0.00 0.00	19.71 0.01 0.00	31.08 0.03 0.00	31.64 0.03 0.00	37.71 0.04 0.00	36.45 0.04 0.00	37.31 0.04 0.00	34.26 0.07 0.00	38.41 0.05 0.00	40.00 0.05 0.00	37.30 0.08 0.00	35.37 0.11 0.00	35.03 0.10 0.00	31.29 0.09 0.00	35.00 0.07 0.00	39.40 0.05 0.00	32.86 0.07 0.00	29.35 0.04 0.00
DOGLEVILLE___HYD 23807	31.51 -0.09 0.00	28.28 -0.06 0.00	28.49 -0.15 0.00	25.81 -0.14 0.00	25.14 -0.11 0.00	24.47 -0.06 0.00	22.17 -0.16 0.00	19.60 -0.10 0.00	30.93 -0.12 0.00	31.51 -0.10 0.00	37.66 -0.02 0.00	36.66 0.25 0.00	37.45 0.17 0.00	34.40 0.21 0.00	38.55 0.19 0.00	40.12 0.16 0.00	37.59 0.36 0.00	35.59 0.33 0.00	35.28 0.36 0.00	31.46 0.27 0.00	35.16 0.23 0.00	39.50 0.16 0.00	32.94 0.14 0.00	29.34 0.02 0.00
DUNKIRK___115KV_TB_200 55889	31.67 0.06 0.00	28.21 -0.12 0.00	28.63 -0.01 0.00	25.94 -0.01 0.00	25.38 0.12 0.00	24.62 0.09 0.00	22.57 0.24 0.00	20.03 0.33 0.00	31.76 0.71 0.00	32.72 1.10 0.00	38.84 1.16 0.00	37.39 0.98 0.00	38.16 0.89 0.00	34.97 0.78 0.00	39.07 0.71 0.00	40.64 0.68 -0.01	37.95 0.72 0.00	36.15 0.89 0.00	35.71 0.79 0.00	31.98 0.79 0.00	35.62 0.69 0.00	40.22 0.87 0.00	33.52 0.72 0.00	30.23 0.92 0.00
DUNKIRK___1 23563	31.67 0.06 0.00	28.21 -0.12 0.00	28.63 -0.01 0.00	25.94 -0.01 0.00	25.38 0.12 0.00	24.62 0.09 0.00	22.57 0.24 0.00	20.03 0.33 0.00	31.76 0.71 0.00	32.72 1.10 0.00	38.84 1.16 0.00	37.39 0.98 0.00	38.16 0.89 0.00	34.97 0.78 0.00	39.07 0.71 0.00	40.64 0.68 -0.01	37.95 0.72 0.00	36.15 0.89 0.00	35.71 0.79 0.00	31.98 0.79 0.00	35.62 0.69 0.00	40.22 0.87 0.00	33.52 0.72 0.00	30.23 0.92 0.00
DUNKIRK___2 23564	31.67 0.06 0.00	28.21 -0.12 0.00	28.63 -0.01 0.00	25.94 -0.01 0.00	25.38 0.12 0.00	24.62 0.09 0.00	22.57 0.24 0.00	20.03 0.33 0.00	31.76 0.71 0.00	32.72 1.10 0.00	38.84 1.16 0.00	37.39 0.98 0.00	38.16 0.89 0.00	34.97 0.78 0.00	39.07 0.71 0.00	40.64 0.68 -0.01	37.95 0.72 0.00	36.15 0.89 0.00	35.71 0.79 0.00	31.98 0.79 0.00	35.62 0.69 0.00	40.22 0.87 0.00	33.52 0.72 0.00	30.23 0.92 0.00
DUNKIRK___3 23565	31.49 -0.12 0.00	28.07 -0.27 0.00	28.47 -0.17 0.00	25.80 -0.14 0.00	25.23 -0.02 0.00	24.48 -0.05 0.00	22.42 0.09 0.00	19.88 0.18 0.00	31.51 0.46 0.00	32.48 0.87 0.00	38.51 0.83 0.00	37.04 0.63 0.00	37.83 0.55 0.00	34.68 0.49 0.00	38.73 0.37 0.00	40.27 0.31 -0.01	37.61 0.39 0.00	35.80 0.55 0.00	35.38 0.45 0.00	31.69 0.50 0.00	35.31 0.37 0.00	39.87 0.53 0.00	33.27 0.47 0.00	30.03 0.72 0.00
DUNKIRK___4 23566	31.49 -0.12 0.00	28.07 -0.27 0.00	28.47 -0.17 0.00	25.80 -0.14 0.00	25.23 -0.02 0.00	24.48 -0.05 0.00	22.42 0.09 0.00	19.88 0.18 0.00	31.51 0.46 0.00	32.48 0.87 0.00	38.51 0.83 0.00	37.04 0.63 0.00	37.83 0.55 0.00	34.68 0.49 0.00	38.73 0.37 0.00	40.27 0.31 -0.01	37.61 0.39 0.00	35.80 0.55 0.00	35.38 0.45 0.00	31.69 0.50 0.00	35.31 0.37 0.00	39.87 0.53 0.00	33.27 0.47 0.00	30.03 0.72 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.42 1.78 -0.04	30.11 1.57 -0.20	29.96 1.32 0.00	27.08 1.14 0.00	26.35 1.10 0.00	25.66 1.14 0.00	23.47 1.14 0.00	75.48 1.02 -54.76	35.07 1.70 -2.32	87.09 1.70 -53.78	39.96 2.29 0.00	38.81 2.40 0.00	39.76 2.48 0.00	38.57 2.42 -1.96	41.05 2.69 0.00	42.79 2.84 0.00	39.96 2.74 0.00	37.95 2.69 0.00	37.34 2.41 0.00	33.01 1.82 0.00	36.80 1.86 0.00	41.34 2.00 0.00	34.58 1.78 0.00	30.87 1.56 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.15 1.54 0.00	29.71 1.37 0.00	29.80 1.16 0.00	26.94 0.99 0.00	26.21 0.96 0.00	25.52 0.99 0.00	23.32 0.98 0.00	20.68 0.98 0.00	32.68 1.63 0.00	33.21 1.60 0.00	39.81 2.13 0.00	38.66 2.25 0.00	39.61 2.34 0.00	36.46 2.27 0.00	40.85 2.49 0.00	42.62 2.67 0.00	39.84 2.62 0.00	37.85 2.60 0.00	37.31 2.38 0.00	33.03 1.85 0.00	36.86 1.93 0.00	41.42 2.08 0.00	34.56 1.77 0.00	30.83 1.51 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.35 1.74 0.00	29.95 1.61 0.00	29.94 1.31 0.00	27.09 1.14 0.00	26.36 1.11 0.00	25.68 1.16 0.00	23.52 1.18 0.00	75.55 1.03 -54.81	35.10 1.73 -2.32	87.12 1.67 -53.83	39.92 2.25 0.00	38.81 2.40 0.00	39.79 2.52 0.00	38.59 2.44 -1.96	41.10 2.74 0.00	42.80 2.84 0.00	39.99 2.77 0.00	37.94 2.68 0.00	37.21 2.28 0.00	32.89 1.70 0.00	36.58 1.64 0.00	41.18 1.84 0.00	34.47 1.67 0.00	30.77 1.46 0.00
E179THST_13_KV_LOAD 356214	33.51 1.91 0.00	30.09 1.76 0.00	30.08 1.45 0.00	27.20 1.26 0.00	26.48 1.22 0.00	25.80 1.27 0.00	23.63 1.29 0.00	75.65 1.14 -54.81	35.26 1.90 -2.32	87.29 1.84 -53.83	40.14 2.46 0.00	39.03 2.61 0.00	40.02 2.74 0.00	38.80 2.65 -1.96	41.34 2.98 0.00	43.04 3.09 0.00	40.22 3.00 0.00	38.16 2.90 0.00	37.42 2.49 0.00	33.09 1.90 0.00	36.79 1.85 0.00	41.41 2.07 0.00	34.67 1.87 0.00	30.94 1.63 0.00
EAST HAMPTON___GT 23717	56.93 4.67 -20.65	62.76 4.21 -30.21	72.34 3.79 -39.91	65.62 3.34 -36.33	61.31 3.25 -32.81	50.39 3.03 -22.83	53.51 2.93 -28.26	97.15 2.67 -74.78	74.74 4.74 -38.95	99.29 4.59 -63.09	59.89 6.09 -16.12	63.51 6.13 -20.98	56.64 6.39 -12.98	58.79 6.08 -18.52	89.65 6.81 -44.48	52.23 6.92 -5.36	55.19 6.59 -11.38	55.54 6.36 -13.93	65.89 5.97 -25.00	36.95 4.72 -1.04	39.96 5.02 0.00	44.75 5.40 0.00	37.66 4.86 0.00	33.43 4.12 0.00
EAST RIVER___6 23660	33.46 1.85 0.00	29.97 1.63 0.00	30.02 1.38 0.00	27.13 1.18 0.00	26.39 1.13 0.00	25.66 1.14 0.00	23.52 1.18 0.00	75.59 1.06 -54.83	35.17 1.80 -2.32	87.28 1.82 -53.85	40.13 2.46 0.00	39.00 2.58 0.00	39.98 2.70 0.00	38.78 2.63 -1.96	41.29 2.92 0.00	43.06 3.10 0.00	40.19 2.96 0.00	38.18 2.92 0.00	37.53 2.61 0.00	33.18 1.99 0.00	36.96 2.03 0.00	41.47 2.13 0.00	34.61 1.82 0.00	30.91 1.60 0.00



EAST RIVER___7 23524	33.46 1.85 0.00	29.97 1.63 0.00	30.02 1.38 0.00	27.13 1.18 0.00	26.39 1.13 0.00	25.66 1.14 0.00	23.52 1.18 0.00	75.59 1.06 -54.83	35.17 1.80 -2.32	87.28 1.82 -53.85	40.13 2.46 0.00	39.00 2.58 0.00	39.98 2.70 0.00	38.78 2.63 -1.96	41.29 2.92 0.00	43.06 3.10 0.00	40.19 2.96 0.00	38.18 2.92 0.00	37.53 2.61 0.00	33.18 1.99 0.00	36.96 2.03 0.00	41.47 2.13 0.00	34.61 1.82 0.00	30.91 1.60 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.31 1.71 0.00	29.86 1.52 0.00	29.91 1.27 0.00	27.04 1.10 0.00	26.32 1.06 0.00	25.62 1.09 0.00	23.42 1.09 0.00	78.92 0.98 -58.25	35.15 1.64 -2.46	90.44 1.62 -57.20	39.88 2.21 0.00	38.72 2.31 0.00	39.67 2.39 0.00	38.60 2.33 -2.09	40.94 2.58 0.00	42.69 2.73 0.00	39.85 2.63 0.00	37.85 2.60 0.00	37.24 2.32 0.00	32.93 1.74 0.00	36.72 1.78 0.00	41.25 1.90 0.00	34.49 1.69 0.00	30.78 1.47 0.00
EAST_HAMPTON___DIESEL 23722	56.93 4.67 -20.65	62.77 4.21 -30.21	72.34 3.79 -39.91	65.62 3.34 -36.33	61.31 3.25 -32.81	50.39 3.03 -22.83	53.51 2.93 -28.26	97.15 2.67 -74.78	74.75 4.75 -38.95	99.30 4.59 -63.09	59.89 6.09 -16.12	63.52 6.13 -20.98	56.65 6.39 -12.98	58.79 6.08 -18.52	89.66 6.82 -44.48	52.24 6.93 -5.36	55.20 6.60 -11.38	55.54 6.36 -13.93	65.89 5.97 -25.00	36.95 4.72 -1.04	39.96 5.02 0.00	44.76 5.41 0.00	37.66 4.87 0.00	33.43 4.12 0.00
EAST_PULASKI___ESR 323781	31.04 -0.57 0.00	27.79 -0.56 0.00	28.05 -0.59 0.00	25.40 -0.55 0.00	24.72 -0.53 0.00	24.06 -0.46 0.00	21.95 -0.38 0.00	19.38 -0.32 0.00	30.47 -0.58 0.00	31.06 -0.55 0.00	36.75 -0.92 0.00	35.30 -1.11 0.00	36.13 -1.14 0.00	33.22 -0.97 0.00	37.20 -1.16 0.00	38.85 -1.10 0.00	36.20 -1.02 0.00	34.44 -0.82 0.00	34.19 -0.73 0.00	30.63 -0.56 0.00	34.32 -0.62 0.00	38.68 -0.66 0.00	32.25 -0.54 0.00	28.85 -0.46 0.00
EAST_RIVER___1 323558	33.40 1.79 0.00	29.93 1.59 0.00	29.97 1.33 0.00	27.09 1.14 0.00	26.36 1.10 0.00	25.66 1.13 0.00	23.49 1.16 0.00	75.57 1.04 -54.83	35.10 1.74 -2.32	87.21 1.75 -53.85	40.04 2.37 0.00	38.91 2.50 0.00	39.87 2.59 0.00	38.69 2.53 -1.96	41.18 2.82 0.00	42.94 2.98 0.00	40.08 2.86 0.00	38.06 2.80 0.00	37.40 2.48 0.00	33.05 1.86 0.00	36.82 1.89 0.00	41.34 2.00 0.00	34.56 1.76 0.00	30.86 1.55 0.00
EAST_RIVER___2 323559	33.46 1.85 0.00	29.97 1.63 0.00	30.02 1.38 0.00	27.13 1.18 0.00	26.39 1.13 0.00	25.66 1.14 0.00	23.52 1.18 0.00	75.59 1.06 -54.83	35.17 1.80 -2.32	87.28 1.82 -53.85	40.13 2.46 0.00	39.00 2.58 0.00	39.98 2.70 0.00	38.78 2.63 -1.96	41.29 2.92 0.00	43.06 3.10 0.00	40.19 2.96 0.00	38.18 2.92 0.00	37.53 2.61 0.00	33.18 1.99 0.00	36.96 2.03 0.00	41.47 2.13 0.00	34.61 1.82 0.00	30.91 1.60 0.00
EAST___DELAWARE_HYD 23607	32.65 1.04 0.00	29.28 0.94 0.00	29.29 0.65 0.00	26.43 0.49 0.00	25.73 0.48 0.00	25.15 0.62 0.00	22.97 0.64 0.00	20.33 0.63 0.00	32.10 1.05 0.00	32.51 0.89 0.00	38.89 1.21 0.00	37.78 1.37 0.00	38.76 1.48 0.00	35.52 1.33 0.00	38.87 0.51 0.00	40.65 0.70 0.00	38.04 0.81 0.00	36.48 1.22 0.00	36.03 1.10 0.00	32.03 0.84 0.00	36.43 1.49 0.00	40.90 1.56 0.00	34.09 1.29 0.00	30.37 1.06 0.00
EIGHT_POINT___WT_PWR 323820	31.30 -0.30 0.00	27.91 -0.44 0.00	28.28 -0.36 0.00	25.66 -0.28 0.00	25.20 -0.06 0.00	24.56 0.03 0.00	22.42 0.08 0.00	20.01 0.31 0.00	31.80 0.75 0.00	32.63 1.01 0.00	38.73 1.06 0.00	37.23 0.82 0.00	38.12 0.84 0.00	35.01 0.82 0.00	39.05 0.68 0.00	40.59 0.63 0.00	37.78 0.56 0.00	35.91 0.65 0.00	35.55 0.62 0.00	31.85 0.66 0.00	35.53 0.59 0.00	40.17 0.82 0.00	33.35 0.55 0.00	29.89 0.58 0.00
ELBRIDGE_115KV_TB2 80188	31.25 -0.36 0.00	27.96 -0.38 0.00	28.27 -0.37 0.00	25.60 -0.35 0.00	24.96 -0.29 0.00	24.28 -0.24 0.00	22.11 -0.22 0.00	19.54 -0.16 0.00	30.77 -0.27 0.00	31.33 -0.28 0.00	37.29 -0.39 0.00	35.99 -0.42 0.00	36.87 -0.41 0.00	33.85 -0.34 0.00	37.93 -0.43 0.00	39.54 -0.41 0.00	36.94 -0.28 0.00	35.10 -0.16 0.00	34.83 -0.09 0.00	31.14 -0.05 0.00	34.75 -0.18 0.00	39.04 -0.31 0.00	32.55 -0.24 0.00	29.12 -0.19 0.00
ELEC_TRO_TEK 24086	54.64 2.38 -20.65	59.66 2.12 -29.20	70.36 1.81 -39.91	63.89 1.61 -36.33	59.62 1.56 -32.81	48.93 1.56 -22.83	52.12 1.54 -28.26	95.83 1.36 -74.78	72.25 2.25 -38.95	96.86 2.16 -63.09	56.72 2.92 -16.12	60.39 3.00 -20.98	53.34 3.08 -12.98	55.66 2.95 -18.52	58.67 3.23 -17.08	48.72 3.41 -5.35	51.86 3.27 -11.37	52.38 3.20 -13.92	62.76 2.83 -25.00	33.21 2.02 0.00	37.08 2.14 0.00	41.70 2.36 0.00	35.07 2.27 0.00	31.27 1.96 0.00
ELLENBURG_WT_PWR 323604	31.72 0.11 0.00	28.43 0.09 0.00	28.76 0.12 0.00	26.04 0.09 0.00	25.30 0.05 0.00	24.67 0.15 0.00	22.60 0.27 0.00	20.00 0.30 0.00	31.55 0.50 0.00	32.00 0.39 0.00	38.22 0.55 0.00	36.85 0.43 0.00	37.66 0.38 0.00	34.44 0.25 0.00	38.82 0.46 0.00	40.30 0.34 0.00	37.31 0.09 0.00	35.28 0.03 0.00	35.01 0.09 0.00	31.36 0.17 0.00	35.22 0.29 0.00	39.83 0.48 0.00	33.06 0.26 0.00	29.52 0.21 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.20 -0.41 0.00	27.84 -0.50 0.00	28.24 -0.40 0.00	25.62 -0.33 0.00	25.02 -0.24 0.00	24.20 -0.33 0.00	22.15 -0.18 0.00	19.59 -0.11 0.00	31.03 -0.02 0.00	32.07 0.45 0.00	37.88 0.21 0.00	36.42 0.01 0.00	37.17 -0.11 0.00	34.12 -0.07 0.00	38.02 -0.34 0.00	39.53 -0.44 -0.01	36.93 -0.30 0.00	35.14 -0.12 0.00	34.75 -0.18 0.00	31.20 0.01 0.00	34.79 -0.15 0.00	39.32 -0.03 0.00	32.86 0.06 0.00	29.74 0.43 0.00
EMPIRE_CC_1 323656	32.70 1.09 0.00	29.42 1.09 0.00	29.62 0.98 0.00	26.89 0.94 0.00	26.16 0.91 0.00	25.40 0.88 0.00	23.12 0.78 0.00	35.70 0.73 -15.27	32.88 1.18 -0.65	47.70 1.09 -15.00	39.07 1.40 0.00	37.92 1.51 0.00	38.74 1.46 0.00	35.94 1.21 -0.55	39.61 1.25 0.00	41.10 1.14 0.00	38.36 1.14 0.00	36.40 1.15 0.00	35.99 1.06 0.00	32.05 0.86 0.00	35.93 1.00 0.00	40.31 0.97 0.00	33.82 1.02 0.00	30.25 0.93 0.00
EMPIRE_CC_2 323658	32.70 1.09 0.00	29.42 1.09 0.00	29.62 0.98 0.00	26.89 0.94 0.00	26.16 0.91 0.00	25.40 0.88 0.00	23.12 0.78 0.00	35.70 0.73 -15.27	32.88 1.18 -0.65	47.70 1.09 -15.00	39.07 1.40 0.00	37.92 1.51 0.00	38.74 1.46 0.00	35.94 1.21 -0.55	39.61 1.25 0.00	41.10 1.14 0.00	38.36 1.14 0.00	36.40 1.15 0.00	35.99 1.06 0.00	32.05 0.86 0.00	35.93 1.00 0.00	40.31 0.97 0.00	33.82 1.02 0.00	30.25 0.93 0.00
ENORWICH_115KV_TB1 80156	33.39 1.79 0.00	29.90 1.56 0.00	30.28 1.64 0.00	27.39 1.44 0.00	26.75 1.49 0.00	26.01 1.48 0.00	23.80 1.47 0.00	21.09 1.39 0.00	33.21 2.16 0.00	33.86 2.25 0.00	40.20 2.52 0.00	38.51 2.10 0.00	39.54 2.27 0.00	36.26 2.08 0.00	40.79 2.43 0.00	42.48 2.53 0.00	39.86 2.64 0.00	37.95 2.69 0.00	37.82 2.89 0.00	33.91 2.73 0.00	37.79 2.85 0.00	42.49 3.15 0.00	35.26 2.46 0.00	31.36 2.04 0.00



ERIE_ST__34_KV_TB1-2 80199	31.49 -0.12 0.00	28.07 -0.27 0.00	28.45 -0.19 0.00	25.79 -0.16 0.00	25.19 -0.06 0.00	24.41 -0.12 0.00	22.34 0.01 0.00	19.80 0.10 0.00	31.37 0.31 0.00	32.41 0.80 0.00	38.33 0.66 0.00	36.86 0.45 0.00	37.69 0.41 0.00	34.61 0.42 0.00	38.60 0.23 0.00	40.15 0.19 0.00	37.57 0.34 0.00	35.71 0.45 0.00	35.32 0.39 0.00	31.68 0.49 0.00	35.29 0.35 0.00	39.85 0.51 0.00	33.27 0.48 0.00	30.05 0.74 0.00
ERIE_WT_PWR 323693	31.40 -0.21 0.00	27.98 -0.37 0.00	28.38 -0.26 0.00	25.73 -0.22 0.00	25.13 -0.12 0.00	24.33 -0.20 0.00	22.27 -0.06 0.00	19.73 0.03 0.00	31.26 0.21 0.00	32.30 0.68 0.00	38.17 0.50 0.00	36.71 0.30 0.00	37.48 0.20 0.00	34.42 0.23 0.00	38.37 0.01 0.00	39.88 -0.08 -0.01	37.22 0.00 0.00	35.41 0.16 0.00	35.02 0.10 0.00	31.46 0.27 0.00	35.06 0.12 0.00	39.60 0.26 0.00	33.09 0.29 0.00	29.91 0.60 0.00
ESPRGFLD_115KV_TB1 80157	33.36 1.75 0.00	29.85 1.51 0.00	30.16 1.52 0.00	27.25 1.30 0.00	26.56 1.31 0.00	25.85 1.32 0.00	23.63 1.30 0.00	20.92 1.22 0.00	32.98 1.93 0.00	33.58 1.97 0.00	39.90 2.23 0.00	38.28 1.87 0.00	39.26 1.99 0.00	36.01 1.82 0.00	40.43 2.08 0.00	42.23 2.28 0.00	39.55 2.32 0.00	37.46 2.20 0.00	37.18 2.25 0.00	33.25 2.06 0.00	37.24 2.30 0.00	42.01 2.67 0.00	34.93 2.13 0.00	31.19 1.88 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.01 0.40 0.00	28.64 0.30 0.00	28.97 0.33 0.00	26.22 0.27 0.00	25.57 0.32 0.00	24.87 0.34 0.00	22.68 0.35 0.00	20.07 0.37 0.00	31.61 0.56 0.00	32.20 0.59 0.00	38.28 0.61 0.00	36.88 0.47 0.00	37.75 0.47 0.00	34.66 0.48 0.00	38.84 0.49 0.00	40.52 0.56 0.00	37.90 0.68 0.00	36.04 0.79 0.00	35.80 0.87 0.00	32.03 0.84 0.00	35.78 0.84 0.00	40.22 0.87 0.00	33.47 0.67 0.00	29.90 0.59 0.00
ETNA____115KV_TB2 80207	32.01 0.40 0.00	28.64 0.30 0.00	28.97 0.33 0.00	26.22 0.27 0.00	25.57 0.32 0.00	24.87 0.34 0.00	22.68 0.35 0.00	20.07 0.37 0.00	31.61 0.56 0.00	32.20 0.59 0.00	38.28 0.61 0.00	36.88 0.47 0.00	37.75 0.47 0.00	34.66 0.48 0.00	38.84 0.49 0.00	40.52 0.56 0.00	37.90 0.68 0.00	36.04 0.79 0.00	35.80 0.87 0.00	32.03 0.84 0.00	35.78 0.84 0.00	40.22 0.87 0.00	33.47 0.67 0.00	29.90 0.59 0.00
EUCLID____115KV_TB2 356179	31.01 -0.60 0.00	27.78 -0.56 0.00	28.07 -0.57 0.00	25.43 -0.52 0.00	24.78 -0.48 0.00	24.06 -0.47 0.00	21.93 -0.40 0.00	19.34 -0.36 0.00	30.47 -0.58 0.00	31.09 -0.53 0.00	36.99 -0.68 0.00	35.72 -0.69 0.00	36.57 -0.70 0.00	33.59 -0.60 0.00	37.66 -0.70 0.00	39.25 -0.70 0.00	36.66 -0.57 0.00	34.77 -0.49 0.00	34.45 -0.47 0.00	30.80 -0.39 0.00	34.40 -0.53 0.00	38.68 -0.66 0.00	32.23 -0.56 0.00	28.83 -0.48 0.00
E_CANADA_CAP_HY 24051	33.84 2.24 0.00	30.34 2.00 0.00	30.63 1.99 0.00	27.67 1.72 0.00	26.97 1.72 0.00	26.26 1.73 0.00	24.02 1.68 0.00	29.89 1.54 -8.65	33.81 2.39 -0.37	42.49 2.38 -8.49	40.30 2.63 0.00	38.59 2.17 0.00	39.55 2.27 0.00	36.53 2.03 -0.31	40.68 2.32 0.00	42.53 2.57 0.00	39.92 2.70 0.00	37.83 2.57 0.00	37.61 2.69 0.00	33.68 2.50 0.00	37.80 2.87 0.00	42.79 3.45 0.00	35.55 2.75 0.00	31.77 2.45 0.00
E_CANADA_MHWK_HY 24050	31.51 -0.09 0.00	28.28 -0.06 0.00	28.49 -0.15 0.00	25.81 -0.14 0.00	25.14 -0.11 0.00	24.47 -0.06 0.00	22.17 -0.16 0.00	19.60 -0.10 0.00	30.93 -0.12 0.00	31.51 -0.10 0.00	37.66 -0.02 0.00	36.66 0.25 0.00	37.45 0.17 0.00	34.40 0.21 0.00	38.55 0.19 0.00	40.12 0.16 0.00	37.59 0.36 0.00	35.59 0.33 0.00	35.28 0.36 0.00	31.46 0.27 0.00	35.16 0.23 0.00	39.50 0.16 0.00	32.94 0.14 0.00	29.34 0.02 0.00
E_FISHKILL____LBMP 23776	33.15 1.54 0.00	29.73 1.39 0.00	29.81 1.18 0.00	26.96 1.01 0.00	26.24 0.99 0.00	25.54 1.01 0.00	23.33 1.00 0.00	42.05 0.89 -21.46	33.44 1.48 -0.91	54.14 1.45 -21.07	39.65 1.97 0.00	38.49 2.08 0.00	39.42 2.15 0.00	37.04 2.08 -0.77	40.65 2.29 0.00	42.35 2.39 0.00	39.54 2.32 0.00	37.56 2.30 0.00	36.99 2.06 0.00	32.75 1.56 0.00	36.54 1.61 0.00	41.08 1.73 0.00	34.34 1.55 0.00	30.66 1.35 0.00
FALCON____SEABRD_CC1 323796	31.97 0.37 0.00	28.64 0.30 0.00	28.99 0.35 0.00	26.25 0.30 0.00	25.52 0.26 0.00	24.92 0.39 0.00	22.85 0.52 0.00	20.24 0.54 0.00	31.94 0.88 0.00	32.36 0.75 0.00	38.69 1.01 0.00	37.30 0.89 0.00	38.09 0.81 0.00	34.83 0.64 0.00	39.22 0.86 0.00	40.70 0.75 0.00	37.71 0.49 0.00	35.67 0.42 0.00	35.41 0.48 0.00	31.71 0.52 0.00	35.59 0.65 0.00	40.23 0.89 0.00	33.42 0.62 0.00	29.84 0.53 0.00
FALCON____SEABRD_CC2 323797	31.97 0.37 0.00	28.64 0.30 0.00	28.99 0.35 0.00	26.25 0.30 0.00	25.52 0.26 0.00	24.92 0.39 0.00	22.85 0.52 0.00	20.24 0.54 0.00	31.94 0.88 0.00	32.36 0.75 0.00	38.69 1.01 0.00	37.30 0.89 0.00	38.09 0.81 0.00	34.83 0.64 0.00	39.22 0.86 0.00	40.70 0.75 0.00	37.71 0.49 0.00	35.67 0.42 0.00	35.41 0.48 0.00	31.71 0.52 0.00	35.59 0.65 0.00	40.23 0.89 0.00	33.42 0.62 0.00	29.84 0.53 0.00
FAR ROCKAWAY____4 23548	54.90 2.64 -20.65	60.33 2.54 -29.45	70.54 1.99 -39.91	64.02 1.74 -36.33	59.75 1.69 -32.81	49.21 1.85 -22.83	52.39 1.81 -28.26	95.90 1.43 -74.78	72.30 2.30 -38.95	96.96 2.26 -63.09	56.78 2.98 -16.12	60.41 3.02 -20.98	53.36 3.11 -12.98	55.67 2.96 -18.52	58.73 3.29 -17.08	48.79 3.49 -5.35	51.97 3.37 -11.37	52.66 3.48 -13.92	62.99 3.06 -25.00	33.19 2.00 0.00	37.32 2.39 0.00	42.03 2.68 0.00	35.32 2.52 0.00	31.48 2.17 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.43 1.82 0.00	29.94 1.60 0.00	29.98 1.34 0.00	27.10 1.15 0.00	26.37 1.12 0.00	25.68 1.15 0.00	23.51 1.18 0.00	75.58 1.05 -54.83	35.13 1.76 -2.32	87.23 1.78 -53.84	40.07 2.40 0.00	38.92 2.51 0.00	39.89 2.62 0.00	38.70 2.55 -1.96	41.20 2.84 0.00	42.96 3.01 0.00	40.11 2.89 0.00	38.07 2.82 0.00	37.41 2.48 0.00	33.06 1.87 0.00	36.82 1.89 0.00	41.36 2.02 0.00	34.58 1.78 0.00	30.87 1.56 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.46 1.85 0.00	29.97 1.63 0.00	30.00 1.36 0.00	27.12 1.18 0.00	26.39 1.13 0.00	25.69 1.16 0.00	23.52 1.19 0.00	75.59 1.06 -54.83	35.15 1.78 -2.32	87.25 1.79 -53.84	40.08 2.41 0.00	38.95 2.54 0.00	39.90 2.63 0.00	38.72 2.57 -1.96	41.21 2.86 0.00	42.98 3.02 0.00	40.12 2.90 0.00	38.09 2.84 0.00	37.43 2.51 0.00	33.07 1.88 0.00	36.85 1.92 0.00	41.39 2.05 0.00	34.60 1.81 0.00	30.89 1.58 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.41 1.80 0.00	29.94 1.60 0.00	29.97 1.33 0.00	27.10 1.15 0.00	26.36 1.11 0.00	25.67 1.14 0.00	23.50 1.17 0.00	75.57 1.04 -54.83	35.12 1.75 -2.32	87.22 1.76 -53.84	40.05 2.37 0.00	38.91 2.50 0.00	39.87 2.59 0.00	38.69 2.53 -1.96	41.17 2.81 0.00	42.94 2.98 0.00	40.07 2.85 0.00	38.05 2.80 0.00	37.39 2.46 0.00	33.03 1.84 0.00	36.79 1.86 0.00	41.33 1.98 0.00	34.56 1.76 0.00	30.86 1.55 0.00



FARRAGUT___LBMP 323566	33.39 1.78 0.00	29.91 1.57 0.00	29.95 1.31 0.00	27.07 1.13 0.00	26.34 1.09 0.00	25.65 1.12 0.00	23.48 1.15 0.00	75.55 1.02 -54.83	35.08 1.71 -2.32	87.17 1.71 -53.84	40.00 2.33 0.00	38.85 2.44 0.00	39.82 2.55 0.00	38.64 2.48 -1.96	41.13 2.77 0.00	42.88 2.93 0.00	40.03 2.81 0.00	38.01 2.75 0.00	37.35 2.42 0.00	33.00 1.81 0.00	36.76 1.83 0.00	41.29 1.94 0.00	34.53 1.73 0.00	30.83 1.52 0.00
FENNER___WINDPWR 24204	32.01 0.41 0.00	28.65 0.31 0.00	28.96 0.32 0.00	26.22 0.27 0.00	25.55 0.30 0.00	24.82 0.30 0.00	22.64 0.31 0.00	20.01 0.31 0.00	31.53 0.48 0.00	32.20 0.59 0.00	38.31 0.64 0.00	36.89 0.48 0.00	37.77 0.49 0.00	34.71 0.52 0.00	38.96 0.60 0.00	40.61 0.65 0.00	37.92 0.69 0.00	35.98 0.72 0.00	35.69 0.76 0.00	31.94 0.74 0.00	35.71 0.77 0.00	40.16 0.81 0.00	33.41 0.61 0.00	29.82 0.50 0.00
FIBERTEK___ENERGY 23856	31.36 -0.24 0.00	28.10 -0.24 0.00	28.38 -0.26 0.00	25.69 -0.26 0.00	25.05 -0.21 0.00	24.38 -0.15 0.00	22.21 -0.12 0.00	19.61 -0.09 0.00	30.87 -0.18 0.00	31.42 -0.19 0.00	37.40 -0.28 0.00	36.11 -0.30 0.00	36.99 -0.28 0.00	33.97 -0.22 0.00	38.09 -0.26 0.00	39.71 -0.24 0.00	37.10 -0.13 0.00	35.19 -0.06 0.00	34.90 -0.02 0.00	31.19 0.00 0.00	34.82 -0.11 0.00	39.14 -0.21 0.00	32.60 -0.20 0.00	29.15 -0.16 0.00
FITZPATRICK____ 23598	30.58 -1.03 0.00	27.39 -0.95 0.00	27.67 -0.96 0.00	25.07 -0.87 0.00	24.43 -0.82 0.00	23.73 -0.81 0.00	21.61 -0.72 0.00	19.08 -0.62 0.00	30.04 -1.01 0.00	30.61 -1.01 0.00	36.42 -1.25 0.00	35.15 -1.26 0.00	36.00 -1.28 0.00	33.04 -1.15 0.00	37.04 -1.31 0.00	38.60 -1.35 0.00	36.04 -1.19 0.00	34.18 -1.08 0.00	33.87 -1.06 0.00	30.29 -0.90 0.00	33.85 -1.09 0.00	38.06 -1.28 0.00	31.74 -1.06 0.00	28.39 -0.93 0.00
FLOWRFLD_69_KV_BK1 356044	55.57 3.31 -20.65	61.44 2.90 -30.20	71.02 2.47 -39.91	64.51 2.23 -36.33	60.23 2.17 -32.81	49.49 2.13 -22.83	52.65 2.06 -28.26	96.34 1.86 -74.78	73.27 3.26 -38.95	97.68 2.97 -63.09	57.74 3.94 -16.12	61.35 3.96 -20.98	54.32 4.07 -12.98	56.63 3.92 -18.52	96.17 4.30 -53.51	49.73 4.42 -5.35	52.88 4.27 -11.38	53.43 4.25 -13.93	63.80 3.87 -25.00	35.35 2.78 -1.39	37.73 2.79 0.00	42.47 3.12 0.00	35.93 3.13 0.00	32.02 2.70 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.54 1.93 0.00	30.05 1.71 0.00	30.13 1.49 0.00	27.24 1.29 0.00	26.50 1.25 0.00	25.81 1.28 0.00	23.59 1.26 0.00	32.31 1.17 -11.44	33.48 1.94 -0.48	44.76 1.91 -11.23	40.21 2.54 0.00	39.08 2.67 0.00	40.07 2.79 0.00	37.29 2.70 -0.41	41.34 2.98 0.00	43.12 3.17 0.00	40.31 3.09 0.00	38.30 3.04 0.00	37.74 2.81 0.00	33.41 2.22 0.00	37.25 2.31 0.00	41.84 2.50 0.00	34.92 2.13 0.00	31.14 1.82 0.00
FORT ORANGE____ 23900	32.37 0.77 0.00	29.14 0.80 0.00	29.31 0.67 0.00	26.58 0.64 0.00	25.87 0.62 0.00	25.19 0.66 0.00	22.94 0.60 0.00	32.84 0.54 -12.60	32.40 0.82 -0.53	44.72 0.73 -12.38	38.64 0.96 0.00	37.49 1.08 0.00	38.36 1.08 0.00	35.58 0.94 -0.45	39.37 1.01 0.00	40.91 0.95 0.00	38.17 0.95 0.00	36.28 1.02 0.00	35.87 0.94 0.00	31.98 0.79 0.00	35.86 0.93 0.00	40.51 1.17 0.00	33.89 1.09 0.00	30.26 0.95 0.00
FORT_DRUM_COGEN 23780	31.61 0.00 0.00	28.22 -0.11 0.00	28.48 -0.16 0.00	25.76 -0.18 0.00	24.99 -0.26 0.00	24.43 -0.10 0.00	22.33 0.00 0.00	19.73 0.04 0.00	30.93 -0.12 0.00	31.73 0.11 0.00	37.25 -0.43 0.00	35.32 -1.09 0.00	36.16 -1.12 0.00	33.32 -0.87 0.00	37.15 -1.21 0.00	39.01 -0.95 0.00	36.40 -0.82 0.00	34.77 -0.49 0.00	34.62 -0.30 0.00	31.18 -0.01 0.00	35.19 0.25 0.00	39.87 0.52 0.00	33.30 0.50 0.00	29.70 0.39 0.00
FPL_FAR_ROCK_GT1 24212	54.88 2.62 -20.65	60.33 2.54 -29.45	70.55 2.00 -39.91	64.02 1.74 -36.33	59.75 1.69 -32.81	49.21 1.85 -22.83	52.39 1.81 -28.26	95.91 1.43 -74.78	72.30 2.30 -38.95	96.96 2.26 -63.09	56.78 2.98 -16.12	60.41 3.02 -20.98	53.36 3.11 -12.98	55.67 2.96 -18.52	58.73 3.29 -17.08	48.79 3.48 -5.36	51.97 3.37 -11.37	52.66 3.48 -13.92	62.99 3.07 -25.00	33.19 2.00 0.00	37.32 2.39 0.00	42.03 2.68 0.00	35.32 2.52 0.00	31.48 2.17 0.00
FPL_FAR_ROCK_GT2 23815	54.88 2.62 -20.65	60.33 2.54 -29.45	70.55 2.00 -39.91	64.02 1.74 -36.33	59.75 1.69 -32.81	49.21 1.85 -22.83	52.39 1.81 -28.26	95.91 1.43 -74.78	72.30 2.30 -38.95	96.96 2.26 -63.09	56.78 2.98 -16.12	60.41 3.02 -20.98	53.36 3.11 -12.98	55.67 2.96 -18.52	58.73 3.29 -17.08	48.79 3.48 -5.36	51.97 3.37 -11.37	52.66 3.48 -13.92	62.99 3.07 -25.00	33.19 2.00 0.00	37.32 2.39 0.00	42.03 2.68 0.00	35.32 2.52 0.00	31.48 2.17 0.00
FRANKLIN_FALL_HYD 24054	31.95 0.35 0.00	28.59 0.25 0.00	28.94 0.30 0.00	26.23 0.28 0.00	25.49 0.23 0.00	24.81 0.29 0.00	22.71 0.38 0.00	20.05 0.36 0.00	31.66 0.61 0.00	32.19 0.57 0.00	38.41 0.73 0.00	36.94 0.53 0.00	37.79 0.51 0.00	34.48 0.29 0.00	38.82 0.46 0.00	40.42 0.46 0.00	37.38 0.16 0.00	35.34 0.08 0.00	35.05 0.13 0.00	31.46 0.27 0.00	35.37 0.43 0.00	40.08 0.74 0.00	33.32 0.52 0.00	29.75 0.44 0.00
FREEPORT_EQUS_GT1 23764	54.77 2.52 -20.65	60.21 2.27 -29.60	70.53 1.98 -39.91	64.01 1.73 -36.33	59.73 1.66 -32.81	49.02 1.65 -22.83	52.29 1.70 -28.26	95.97 1.50 -74.78	72.39 2.39 -38.95	96.98 2.28 -63.09	56.75 2.96 -16.12	60.45 3.05 -20.98	53.44 3.18 -12.98	55.75 3.04 -18.52	58.78 3.34 -17.08	48.84 3.53 -5.36	51.98 3.38 -11.37	52.50 3.33 -13.92	62.90 2.97 -25.00	33.38 2.19 0.00	37.26 2.33 0.00	41.91 2.56 0.00	35.34 2.54 0.00	31.53 2.21 0.00
FREEPORT___CT2 23818	54.77 2.52 -20.65	60.21 2.27 -29.60	70.53 1.98 -39.91	64.01 1.73 -36.33	59.73 1.66 -32.81	49.02 1.65 -22.83	52.29 1.70 -28.26	95.97 1.50 -74.78	72.39 2.39 -38.95	96.98 2.28 -63.09	56.75 2.96 -16.12	60.45 3.05 -20.98	53.44 3.18 -12.98	55.75 3.04 -18.52	58.78 3.34 -17.08	48.84 3.53 -5.36	51.98 3.38 -11.37	52.50 3.33 -13.92	62.90 2.97 -25.00	33.38 2.19 0.00	37.26 2.33 0.00	41.91 2.56 0.00	35.34 2.54 0.00	31.53 2.21 0.00
FRESHKLS_33_KV_LOAD 356253	33.39 1.78 0.00	29.97 1.63 0.00	30.00 1.36 0.00	27.12 1.17 0.00	26.39 1.13 0.00	25.70 1.18 0.00	23.38 1.04 0.00	23.95 0.90 -3.36	6.59 1.52 25.98	32.46 1.51 0.66	32.63 2.08 7.12	32.78 2.26 5.89	32.76 2.40 6.91	34.74 2.34 1.79	36.16 2.64 4.84	36.99 2.78 5.74	33.71 2.70 6.22	35.15 2.64 2.75	37.23 2.30 0.00	33.02 1.83 0.00	36.71 1.78 0.00	41.31 1.96 0.00	34.58 1.79 0.00	30.95 1.64 0.00
FULTON COGEN____ 23766	30.87 -0.73 0.00	27.66 -0.67 0.00	27.94 -0.70 0.00	25.31 -0.64 0.00	24.66 -0.60 0.00	23.96 -0.57 0.00	21.84 -0.50 0.00	19.27 -0.43 0.00	30.34 -0.71 0.00	30.91 -0.70 0.00	36.74 -0.93 0.00	35.47 -0.94 0.00	36.32 -0.96 0.00	33.36 -0.83 0.00	37.39 -0.97 0.00	39.00 -0.95 0.00	36.43 -0.80 0.00	34.55 -0.70 0.00	34.25 -0.68 0.00	30.62 -0.57 0.00	34.20 -0.73 0.00	38.46 -0.89 0.00	32.04 -0.76 0.00	28.65 -0.66 0.00



FULTON___LFGE 323630	34.77 3.16 0.00	31.05 2.71 0.00	31.51 2.87 0.00	28.51 2.57 0.00	27.78 2.52 0.00	26.77 2.24 0.00	24.51 2.18 0.00	31.49 1.97 -9.82	34.45 2.98 -0.42	44.57 3.30 -9.65	41.47 3.80 0.00	39.35 2.94 0.00	40.54 3.27 0.00	37.21 2.67 -0.35	41.03 2.67 0.00	43.42 3.47 0.00	41.30 4.08 0.00	38.91 3.65 0.00	38.46 3.53 0.00	34.63 3.44 0.00	38.87 3.93 0.00	43.83 4.49 0.00	36.34 3.54 0.00	32.38 3.07 0.00
G.F.CEMENT___DRP 24184	33.69 2.08 0.00	30.09 1.75 0.00	30.30 1.66 0.00	27.45 1.50 0.00	26.73 1.48 0.00	26.08 1.55 0.00	23.87 1.53 0.00	33.36 1.38 -12.28	33.81 2.24 -0.52	45.88 2.20 -12.06	40.27 2.59 0.00	39.08 2.67 0.00	39.82 2.54 0.00	36.79 2.16 -0.44	40.75 2.39 0.00	42.34 2.39 0.00	39.55 2.32 0.00	37.56 2.30 0.00	37.31 2.39 0.00	33.20 2.00 0.00	37.41 2.48 0.00	42.03 2.68 0.00	35.14 2.34 0.00	31.38 2.07 0.00
GARDENVILLE___LBMP 24039	31.27 -0.34 0.00	27.90 -0.44 0.00	28.29 -0.35 0.00	25.66 -0.29 0.00	25.07 -0.18 0.00	24.26 -0.26 0.00	22.21 -0.12 0.00	19.67 -0.03 0.00	31.16 0.11 0.00	32.19 0.57 0.00	38.05 0.37 0.00	36.58 0.17 0.00	37.35 0.07 0.00	34.29 0.10 0.00	38.22 -0.14 0.00	39.73 -0.23 -0.01	37.07 -0.15 0.00	35.27 0.02 0.00	34.88 -0.04 0.00	31.32 0.13 0.00	34.91 -0.03 0.00	39.45 0.10 0.00	32.97 0.17 0.00	29.81 0.50 0.00
GARDNVLA_35_KV_LD 355827	31.39 -0.21 0.00	28.00 -0.34 0.00	28.38 -0.26 0.00	25.74 -0.21 0.00	25.15 -0.11 0.00	24.33 -0.19 0.00	22.28 -0.06 0.00	19.73 0.03 0.00	31.28 0.23 0.00	32.32 0.71 0.00	38.20 0.53 0.00	36.75 0.34 0.00	37.53 0.25 0.00	34.46 0.27 0.00	38.43 0.07 0.00	39.97 0.01 0.00	37.30 0.07 0.00	35.47 0.22 0.00	35.10 0.17 0.00	31.51 0.32 0.00	35.12 0.18 0.00	39.68 0.33 0.00	33.13 0.33 0.00	29.95 0.64 0.00
GELCKHM___115KV_LOAD 80723	31.14 -0.47 0.00	27.89 -0.44 0.00	28.18 -0.46 0.00	25.51 -0.43 0.00	24.87 -0.39 0.00	24.18 -0.35 0.00	22.03 -0.30 0.00	19.45 -0.25 0.00	30.63 -0.43 0.00	31.20 -0.41 0.00	37.14 -0.54 0.00	35.86 -0.55 0.00	36.72 -0.55 0.00	33.73 -0.46 0.00	37.82 -0.54 0.00	39.43 -0.53 0.00	36.82 -0.40 0.00	34.94 -0.32 0.00	34.64 -0.29 0.00	30.95 -0.24 0.00	34.57 -0.37 0.00	38.86 -0.48 0.00	32.37 -0.42 0.00	28.95 -0.36 0.00
GENERAL___MILLS 23808	31.33 -0.27 0.00	27.95 -0.39 0.00	28.34 -0.30 0.00	25.71 -0.24 0.00	25.11 -0.14 0.00	24.30 -0.23 0.00	22.24 -0.09 0.00	19.70 0.00 0.00	31.22 0.17 0.00	32.26 0.64 0.00	38.12 0.45 0.00	36.66 0.24 0.00	37.44 0.16 0.00	34.38 0.18 0.00	38.32 -0.04 0.00	39.84 -0.12 -0.01	37.18 -0.04 0.00	35.37 0.11 0.00	34.98 0.06 0.00	31.42 0.22 0.00	35.01 0.08 0.00	39.56 0.22 0.00	33.05 0.25 0.00	29.88 0.57 0.00
GE_PLASTICS___DRP 24183	32.53 0.93 0.00	29.27 0.93 0.00	29.46 0.81 0.00	26.69 0.75 0.00	25.98 0.73 0.00	25.28 0.75 0.00	23.00 0.67 0.00	32.79 0.60 -12.49	32.51 0.93 -0.53	44.74 0.86 -12.26	38.83 1.15 0.00	37.66 1.25 0.00	38.53 1.25 0.00	35.78 1.15 -0.45	39.59 1.23 0.00	41.13 1.18 0.00	38.40 1.18 0.00	36.47 1.21 0.00	36.02 1.09 0.00	32.09 0.90 0.00	35.92 0.98 0.00	40.38 1.04 0.00	33.76 0.96 0.00	30.16 0.85 0.00
GILBOA___1 23756	32.68 1.08 0.00	29.44 1.10 0.00	29.71 1.07 0.00	26.83 0.88 0.00	26.09 0.83 0.00	25.36 0.84 0.00	22.97 0.63 0.00	28.02 0.58 -7.75	32.33 0.95 -0.33	40.14 0.92 -7.61	38.89 1.22 0.00	37.69 1.28 0.00	38.58 1.31 0.00	35.71 1.24 -0.28	39.70 1.35 0.00	41.25 1.30 0.00	38.47 1.25 0.00	36.47 1.22 0.00	36.02 1.09 0.00	32.10 0.91 0.00	35.94 1.00 0.00	40.36 1.02 0.00	33.77 0.97 0.00	30.16 0.86 0.00
GILBOA___2 23757	32.68 1.08 0.00	29.44 1.10 0.00	29.71 1.07 0.00	26.83 0.88 0.00	26.09 0.83 0.00	25.36 0.84 0.00	22.97 0.63 0.00	28.02 0.58 -7.75	32.33 0.95 -0.33	40.14 0.92 -7.61	38.89 1.22 0.00	37.69 1.28 0.00	38.58 1.31 0.00	35.71 1.24 -0.28	39.70 1.35 0.00	41.25 1.30 0.00	38.47 1.25 0.00	36.47 1.22 0.00	36.02 1.09 0.00	32.10 0.91 0.00	35.94 1.00 0.00	40.36 1.02 0.00	33.77 0.97 0.00	30.16 0.86 0.00
GILBOA___3 23758	32.68 1.08 0.00	29.44 1.10 0.00	29.71 1.07 0.00	26.83 0.88 0.00	26.09 0.83 0.00	25.36 0.84 0.00	22.97 0.63 0.00	28.02 0.58 -7.75	32.33 0.95 -0.33	40.14 0.92 -7.61	38.89 1.22 0.00	37.69 1.28 0.00	38.58 1.31 0.00	35.71 1.24 -0.28	39.70 1.35 0.00	41.25 1.30 0.00	38.47 1.25 0.00	36.47 1.22 0.00	36.02 1.09 0.00	32.10 0.91 0.00	35.94 1.00 0.00	40.36 1.02 0.00	33.77 0.97 0.00	30.16 0.86 0.00
GILBOA___4 23759	32.68 1.08 0.00	29.44 1.10 0.00	29.71 1.07 0.00	26.83 0.88 0.00	26.09 0.83 0.00	25.36 0.84 0.00	22.97 0.63 0.00	28.02 0.58 -7.75	32.33 0.95 -0.33	40.14 0.92 -7.61	38.89 1.22 0.00	37.69 1.28 0.00	38.58 1.31 0.00	35.71 1.24 -0.28	39.70 1.35 0.00	41.25 1.30 0.00	38.47 1.25 0.00	36.47 1.22 0.00	36.02 1.09 0.00	32.10 0.91 0.00	35.94 1.00 0.00	40.36 1.02 0.00	33.77 0.97 0.00	30.16 0.86 0.00
GILBOA___ 23599	32.69 1.08 0.00	29.43 1.09 0.00	29.71 1.07 0.00	26.83 0.88 0.00	26.09 0.83 0.00	25.36 0.84 0.00	22.97 0.63 0.00	28.03 0.58 -7.75	32.33 0.95 -0.33	40.14 0.92 -7.61	38.90 1.22 0.00	37.69 1.28 0.00	38.58 1.31 0.00	35.71 1.24 -0.28	39.71 1.35 0.00	41.26 1.30 0.00	38.47 1.25 0.00	36.47 1.22 0.00	36.02 1.09 0.00	32.10 0.91 0.00	35.93 1.00 0.00	40.36 1.01 0.00	33.77 0.97 0.00	30.17 0.86 0.00
GINNA___ 23603	29.76 -1.84 0.00	26.59 -1.75 0.00	26.90 -1.74 0.00	24.38 -1.57 0.00	23.77 -1.48 0.00	23.07 -1.46 0.00	21.08 -1.25 0.00	18.56 -1.14 0.00	29.28 -1.77 0.00	30.08 -1.54 0.00	35.66 -2.02 0.00	34.39 -2.02 0.00	35.21 -2.07 0.00	32.37 -1.82 0.00	36.31 -2.05 0.00	37.91 -2.05 0.00	35.52 -1.71 0.00	33.72 -1.54 0.00	33.46 -1.47 0.00	29.99 -1.20 0.00	33.42 -1.51 0.00	37.63 -1.71 0.00	31.36 -1.43 0.00	28.15 -1.17 0.00
GLEN PARK___ 23778	31.67 0.06 0.00	28.29 -0.05 0.00	28.54 -0.09 0.00	25.81 -0.13 0.00	25.04 -0.21 0.00	24.49 -0.04 0.00	22.39 0.06 0.00	19.80 0.10 0.00	30.99 -0.06 0.00	31.83 0.22 0.00	37.34 -0.33 0.00	35.37 -1.04 0.00	36.17 -1.10 0.00	33.38 -0.81 0.00	37.14 -1.22 0.00	38.98 -0.97 0.00	36.40 -0.82 0.00	34.78 -0.47 0.00	34.67 -0.26 0.00	31.25 0.06 0.00	35.35 0.42 0.00	40.03 0.69 0.00	33.42 0.62 0.00	29.78 0.47 0.00
GLENDALE_27_KV_LOAD 356172	33.56 1.95 0.00	30.07 1.73 0.00	30.07 1.44 0.00	27.19 1.24 0.00	26.45 1.20 0.00	25.77 1.25 0.00	23.61 1.28 0.00	75.65 1.14 -54.81	35.30 1.94 -2.32	87.38 1.93 -53.83	40.24 2.57 0.00	39.11 2.70 0.00	40.11 2.83 0.00	38.89 2.74 -1.96	41.43 3.07 0.00	43.18 3.23 0.00	40.33 3.11 0.00	38.27 3.01 0.00	37.55 2.62 0.00	33.20 2.01 0.00	36.93 2.00 0.00	41.53 2.18 0.00	34.76 1.97 0.00	31.02 1.71 0.00



GLENWOOD_IC_1_G5 23712	54.31 2.05 -20.65	58.80 1.84 -28.62	70.29 1.74 -39.91	63.80 1.52 -36.33	59.54 1.47 -32.81	48.85 1.49 -22.83	52.05 1.47 -28.26	95.77 1.29 -74.78	71.97 1.96 -38.95	96.63 1.93 -63.09	56.45 2.66 -16.12	60.16 2.77 -20.98	53.14 2.88 -12.98	55.50 2.78 -18.52	58.53 3.09 -17.08	48.56 3.26 -5.35	51.74 3.14 -11.37	52.24 3.06 -13.92	62.64 2.71 -25.00	33.14 1.95 0.00	36.95 2.02 0.00	41.52 2.17 0.00	34.80 2.01 0.00	31.04 1.73 0.00
GLENWOOD_IC_2_G1 23688	54.28 2.02 -20.65	54.03 1.82 -23.87	70.12 1.57 -39.91	63.64 1.36 -36.33	59.38 1.32 -32.81	48.70 1.34 -22.83	51.92 1.33 -28.26	95.65 1.18 -74.78	71.95 1.95 -38.95	96.61 1.91 -63.09	56.40 2.60 -16.12	60.09 2.70 -20.98	53.04 2.79 -12.98	55.40 2.69 -18.52	58.43 2.99 -17.08	48.45 3.14 -5.36	51.63 3.03 -11.37	52.15 2.97 -13.92	62.57 2.64 -25.00	33.13 1.94 0.00	36.95 2.02 0.00	41.53 2.19 0.00	34.79 2.00 0.00	31.04 1.73 0.00
GLENWOOD_IC_3_G1 23689	54.28 2.02 -20.65	54.03 1.82 -23.87	70.12 1.57 -39.91	63.64 1.36 -36.33	59.38 1.32 -32.81	48.70 1.34 -22.83	51.92 1.33 -28.26	95.65 1.18 -74.78	71.95 1.95 -38.95	96.61 1.91 -63.09	56.40 2.60 -16.12	60.09 2.70 -20.98	53.04 2.79 -12.98	55.40 2.69 -18.52	58.43 2.99 -17.08	48.45 3.14 -5.36	51.63 3.03 -11.37	52.15 2.97 -13.92	62.57 2.64 -25.00	33.13 1.94 0.00	36.95 2.02 0.00	41.53 2.19 0.00	34.79 2.00 0.00	31.04 1.73 0.00
GLENWOOD___4 23550	54.39 2.13 -20.65	58.87 1.90 -28.62	70.29 1.74 -39.91	63.80 1.52 -36.33	59.54 1.47 -32.81	48.85 1.49 -22.83	52.05 1.47 -28.26	95.77 1.29 -74.78	72.05 2.05 -38.95	96.71 2.01 -63.09	56.55 2.75 -16.12	60.25 2.86 -20.98	53.22 2.97 -12.98	55.58 2.87 -18.52	58.62 3.18 -17.08	48.67 3.36 -5.35	51.83 3.23 -11.37	52.33 3.16 -13.92	62.72 2.79 -25.00	33.23 2.03 0.00	37.04 2.11 0.00	41.62 2.28 0.00	34.89 2.09 0.00	31.11 1.79 0.00
GLENWOOD___5 23614	54.39 2.13 -20.65	58.87 1.90 -28.62	70.29 1.74 -39.91	63.80 1.52 -36.33	59.54 1.47 -32.81	48.85 1.49 -22.83	52.05 1.47 -28.26	95.77 1.29 -74.78	72.05 2.05 -38.95	96.71 2.01 -63.09	56.55 2.75 -16.12	60.25 2.86 -20.98	53.22 2.97 -12.98	55.58 2.87 -18.52	58.62 3.18 -17.08	48.67 3.36 -5.35	51.83 3.23 -11.37	52.33 3.16 -13.92	62.72 2.79 -25.00	33.23 2.03 0.00	37.04 2.11 0.00	41.62 2.28 0.00	34.89 2.09 0.00	31.11 1.79 0.00
GLOBAL GREEN_PORT_GT1 23814	56.83 4.57 -20.65	62.66 4.11 -30.21	72.24 3.69 -39.91	65.54 3.25 -36.33	61.22 3.16 -32.81	50.31 2.95 -22.83	53.44 2.86 -28.26	97.10 2.62 -74.78	74.65 4.65 -38.95	99.15 4.44 -63.09	59.70 5.91 -16.12	63.32 5.93 -20.98	56.43 6.18 -12.98	58.60 5.89 -18.52	89.44 6.60 -44.49	52.04 6.72 -5.36	55.02 6.42 -11.38	55.43 6.25 -13.93	65.79 5.86 -25.00	36.87 4.63 -1.05	39.83 4.89 0.00	44.62 5.28 0.00	37.56 4.76 0.00	33.34 4.03 0.00
GLOBE___DSASP 323697	30.49 -1.12 0.00	27.30 -1.04 0.00	27.76 -0.88 0.00	25.20 -0.75 0.00	24.59 -0.66 0.00	23.73 -0.80 0.00	21.70 -0.64 0.00	19.03 -0.67 0.00	30.04 -1.01 0.00	31.08 -0.53 0.00	36.60 -1.08 0.00	35.17 -1.24 0.00	35.81 -1.47 0.00	32.86 -1.33 0.00	36.55 -1.81 0.00	37.91 -2.05 0.00	35.47 -1.75 0.00	33.80 -1.45 0.00	33.42 -1.51 0.00	30.10 -1.09 0.00	33.61 -1.33 0.00	37.99 -1.36 0.00	31.85 -0.95 0.00	29.05 -0.26 0.00
GOETHSLN___LBMP 323567	33.21 1.61 0.00	29.74 1.40 0.00	29.78 1.14 0.00	26.92 0.97 0.00	26.19 0.94 0.00	25.49 0.96 0.00	23.34 1.00 0.00	23.95 0.88 -3.37	33.81 1.49 -1.27	53.20 1.49 -20.09	39.75 2.07 0.00	38.62 2.21 0.00	39.59 2.31 0.00	38.12 2.25 -1.68	40.86 2.50 0.00	42.60 2.65 0.00	39.79 2.56 0.00	37.76 2.51 0.00	37.11 2.18 0.00	32.78 1.59 0.00	36.53 1.60 0.00	41.04 1.69 0.00	34.30 1.51 0.00	30.65 1.34 0.00
GOLAH___69_KV_TB 1_2 80279	31.45 -0.15 0.00	28.08 -0.26 0.00	28.49 -0.15 0.00	25.81 -0.13 0.00	25.18 -0.07 0.00	24.33 -0.20 0.00	22.26 -0.08 0.00	19.66 -0.04 0.00	31.00 -0.05 0.00	31.95 0.34 0.00	37.80 0.12 0.00	36.39 -0.03 0.00	37.22 -0.06 0.00	34.20 0.01 0.00	38.19 -0.16 0.00	39.81 -0.14 0.00	37.31 0.08 0.00	35.34 0.08 0.00	35.04 0.12 0.00	31.45 0.26 0.00	35.12 0.19 0.00	39.65 0.31 0.00	33.06 0.26 0.00	29.77 0.46 0.00
GOODYEAR_LAKE_HYD 323669	32.88 1.28 0.00	29.47 1.13 0.00	29.75 1.11 0.00	26.88 0.94 0.00	26.19 0.94 0.00	25.48 0.96 0.00	23.25 0.92 0.00	20.56 0.86 0.00	32.46 1.40 0.00	33.07 1.45 0.00	39.41 1.73 0.00	38.01 1.60 0.00	38.96 1.68 0.00	35.76 1.58 0.00	40.13 1.78 0.00	41.83 1.87 0.00	39.09 1.87 0.00	37.05 1.79 0.00	36.66 1.74 0.00	32.71 1.52 0.00	36.57 1.64 0.00	41.15 1.80 0.00	34.28 1.48 0.00	30.60 1.29 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.75 0.14 0.00	28.41 0.06 0.00	28.73 0.09 0.00	26.00 0.05 0.00	25.37 0.12 0.00	24.69 0.16 0.00	22.51 0.18 0.00	19.92 0.22 0.00	31.46 0.41 0.00	32.10 0.49 0.00	38.29 0.61 0.00	36.91 0.49 0.00	37.83 0.55 0.00	34.71 0.52 0.00	38.88 0.52 0.00	40.54 0.59 0.00	37.83 0.61 0.00	35.90 0.64 0.00	35.51 0.58 0.00	31.67 0.48 0.00	35.33 0.40 0.00	39.76 0.41 0.00	33.15 0.35 0.00	29.68 0.37 0.00
GOUDEY___7 23579	31.78 0.17 0.00	28.43 0.09 0.00	28.75 0.11 0.00	26.01 0.06 0.00	25.39 0.14 0.00	24.70 0.18 0.00	22.53 0.20 0.00	19.93 0.23 0.00	31.47 0.42 0.00	32.13 0.52 0.00	38.32 0.65 0.00	36.95 0.53 0.00	37.86 0.59 0.00	34.74 0.56 0.00	38.93 0.57 0.00	40.59 0.64 0.00	37.88 0.66 0.00	35.94 0.68 0.00	35.55 0.62 0.00	31.71 0.52 0.00	35.37 0.43 0.00	39.80 0.45 0.00	33.18 0.38 0.00	29.71 0.40 0.00
GOUDEY___8 23580	31.75 0.14 0.00	28.41 0.06 0.00	28.73 0.09 0.00	26.00 0.05 0.00	25.37 0.12 0.00	24.69 0.16 0.00	22.51 0.18 0.00	19.92 0.22 0.00	31.46 0.41 0.00	32.10 0.49 0.00	38.29 0.61 0.00	36.91 0.49 0.00	37.83 0.55 0.00	34.71 0.52 0.00	38.88 0.52 0.00	40.54 0.59 0.00	37.83 0.61 0.00	35.90 0.64 0.00	35.51 0.58 0.00	31.67 0.48 0.00	35.33 0.40 0.00	39.76 0.41 0.00	33.15 0.35 0.00	29.68 0.37 0.00
GOWANUS_GT1_1 24077	33.49 1.89 0.00	30.03 1.69 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.16 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.95 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.01 3.06 0.00	40.19 2.96 0.00	38.13 2.87 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.02 1.71 0.00
GOWANUS_GT1_2 24078	33.49 1.89 0.00	30.03 1.69 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.16 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.95 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.01 3.06 0.00	40.19 2.96 0.00	38.13 2.87 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.02 1.71 0.00



GOWANUS_GT1_3 24079	33.49 1.89 0.00	30.03 1.69 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.16 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.95 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.01 3.06 0.00	40.19 2.96 0.00	38.13 2.87 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.02 1.71 0.00
GOWANUS_GT1_4 24080	33.49 1.89 0.00	30.03 1.69 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.16 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.95 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.01 3.06 0.00	40.19 2.96 0.00	38.13 2.87 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.02 1.71 0.00
GOWANUS_GT1_5 24084	33.49 1.89 0.00	30.03 1.69 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.16 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.95 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.01 3.06 0.00	40.19 2.96 0.00	38.13 2.87 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.02 1.71 0.00
GOWANUS_GT1_6 24111	33.49 1.89 0.00	30.03 1.69 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.16 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.95 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.01 3.06 0.00	40.19 2.96 0.00	38.13 2.87 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.02 1.71 0.00
GOWANUS_GT1_7 24112	33.49 1.89 0.00	30.03 1.69 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.16 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.95 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.01 3.06 0.00	40.19 2.96 0.00	38.13 2.87 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.02 1.71 0.00
GOWANUS_GT1_8 24113	33.49 1.89 0.00	30.03 1.69 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.16 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.95 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.01 3.06 0.00	40.19 2.96 0.00	38.13 2.87 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.02 1.71 0.00
GOWANUS_GT2_1 24114	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
GOWANUS_GT2_2 24115	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
GOWANUS_GT2_3 24116	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
GOWANUS_GT2_4 24117	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
GOWANUS_GT2_5 24118	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
GOWANUS_GT2_6 24119	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
GOWANUS_GT2_7 24120	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
GOWANUS_GT2_8 24121	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
GOWANUS_GT3_1 24122	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00



GOWANUS_GT3_2 24123	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
GOWANUS_GT3_3 24124	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
GOWANUS_GT3_4 24125	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
GOWANUS_GT3_5 24126	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
GOWANUS_GT3_6 24127	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
GOWANUS_GT3_7 24128	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
GOWANUS_GT3_8 24129	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
GOWANUS_GT4_1 24130	33.49 1.89 0.00	30.03 1.69 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.16 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.40 0.00	38.95 2.54 0.00	39.95 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.01 3.06 0.00	40.19 2.96 0.00	38.13 2.87 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.02 1.71 0.00
GOWANUS_GT4_2 24131	33.49 1.89 0.00	30.03 1.69 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.16 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.40 0.00	38.95 2.54 0.00	39.95 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.01 3.06 0.00	40.19 2.96 0.00	38.13 2.87 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.02 1.71 0.00
GOWANUS_GT4_3 24132	33.49 1.89 0.00	30.03 1.69 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.16 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.40 0.00	38.95 2.54 0.00	39.95 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.01 3.06 0.00	40.19 2.96 0.00	38.13 2.87 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.02 1.71 0.00
GOWANUS_GT4_4 24133	33.49 1.89 0.00	30.03 1.69 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.16 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.40 0.00	38.95 2.54 0.00	39.95 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.01 3.06 0.00	40.19 2.96 0.00	38.13 2.87 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.02 1.71 0.00
GOWANUS_GT4_5 24134	33.49 1.89 0.00	30.03 1.69 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.16 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.40 0.00	38.95 2.54 0.00	39.95 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.01 3.06 0.00	40.19 2.96 0.00	38.13 2.87 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.02 1.71 0.00
GOWANUS_GT4_6 24135	33.49 1.89 0.00	30.03 1.69 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.16 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.40 0.00	38.95 2.54 0.00	39.95 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.01 3.06 0.00	40.19 2.96 0.00	38.13 2.87 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.02 1.71 0.00
GOWANUS_GT4_7 24136	33.49 1.89 0.00	30.03 1.69 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.16 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.40 0.00	38.95 2.54 0.00	39.95 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.01 3.06 0.00	40.19 2.96 0.00	38.13 2.87 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.02 1.71 0.00
GOWANUS_GT4_8 24137	33.49 1.89 0.00	30.03 1.69 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.16 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.40 0.00	38.95 2.54 0.00	39.95 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.01 3.06 0.00	40.19 2.96 0.00	38.13 2.87 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.02 1.71 0.00



GREENBSH_115KV_TB3 55895	32.39 0.79 0.00	29.16 0.82 0.00	29.33 0.69 0.00	26.61 0.66 0.00	25.90 0.64 0.00	25.20 0.68 0.00	22.95 0.61 0.00	33.06 0.55 -12.81	32.42 0.82 -0.54	44.95 0.75 -12.58	38.69 1.01 0.00	37.54 1.13 0.00	38.41 1.13 0.00	35.65 1.01 -0.46	39.44 1.08 0.00	40.97 1.02 0.00	38.25 1.02 0.00	36.32 1.07 0.00	35.88 0.96 0.00	31.96 0.77 0.00	35.79 0.86 0.00	40.24 0.90 0.00	33.66 0.86 0.00	30.07 0.76 0.00
GREENDGE_115KV_TB5 80291	31.37 -0.24 0.00	28.12 -0.22 0.00	28.53 -0.11 0.00	25.87 -0.08 0.00	25.30 0.05 0.00	24.60 0.07 0.00	22.51 0.18 0.00	20.19 0.49 0.00	31.75 0.70 0.00	32.22 0.61 0.00	38.38 0.71 0.00	36.91 0.51 0.00	37.78 0.50 0.00	34.69 0.50 0.00	38.46 0.10 0.00	40.12 0.16 0.00	37.52 0.29 0.00	35.67 0.42 0.00	35.41 0.48 0.00	31.68 0.49 0.00	35.30 0.36 0.00	39.75 0.41 0.00	33.03 0.23 0.00	29.73 0.42 0.00
GREENIDGE___3 23582	31.37 -0.24 0.00	28.12 -0.22 0.00	28.53 -0.11 0.00	25.87 -0.08 0.00	25.30 0.05 0.00	24.60 0.07 0.00	22.51 0.18 0.00	20.19 0.49 0.00	31.75 0.70 0.00	32.22 0.61 0.00	38.38 0.71 0.00	36.91 0.51 0.00	37.78 0.50 0.00	34.69 0.50 0.00	38.46 0.10 0.00	40.12 0.16 0.00	37.52 0.29 0.00	35.67 0.42 0.00	35.41 0.48 0.00	31.68 0.49 0.00	35.30 0.36 0.00	39.75 0.41 0.00	33.03 0.23 0.00	29.73 0.42 0.00
GREENIDGE___4 23583	31.38 -0.22 0.00	28.12 -0.22 0.00	28.52 -0.12 0.00	25.87 -0.08 0.00	25.30 0.05 0.00	24.60 0.07 0.00	22.51 0.18 0.00	20.19 0.49 0.00	31.75 0.70 0.00	32.22 0.61 0.00	38.38 0.71 0.00	36.91 0.50 0.00	37.78 0.50 0.00	34.68 0.49 0.00	38.46 0.10 0.00	40.12 0.16 0.00	37.51 0.29 0.00	35.67 0.41 0.00	35.41 0.48 0.00	31.68 0.49 0.00	35.30 0.36 0.00	39.75 0.40 0.00	33.03 0.23 0.00	29.73 0.41 0.00
GREENLWN_69_KV_BK 3 55738	54.84 2.58 -20.65	60.81 2.31 -30.16	70.51 1.96 -39.91	64.05 1.77 -36.33	59.79 1.72 -32.81	49.07 1.71 -22.83	52.26 1.67 -28.26	95.97 1.49 -74.78	72.56 2.56 -38.95	97.13 2.43 -63.09	57.01 3.21 -16.12	60.63 3.24 -20.98	53.61 3.35 -12.98	55.89 3.18 -18.52	52.92 3.53 -11.02	48.98 3.67 -5.35	52.18 3.58 -11.37	52.68 3.51 -13.92	63.03 3.10 -25.00	33.12 2.16 0.23	37.10 2.16 0.00	41.70 2.35 0.00	35.16 2.37 0.00	31.39 2.08 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.49 1.89 0.00	30.03 1.69 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.16 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.40 0.00	38.95 2.54 0.00	39.95 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.01 3.06 0.00	40.19 2.96 0.00	38.13 2.87 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.02 1.71 0.00
GRISSOM___SOLAR 323813	34.77 3.16 0.00	31.05 2.71 0.00	31.51 2.87 0.00	28.51 2.57 0.00	27.78 2.52 0.00	26.77 2.24 0.00	24.51 2.18 0.00	31.49 1.97 -9.82	34.45 2.98 -0.42	44.57 3.30 -9.65	41.47 3.80 0.00	39.35 2.94 0.00	40.54 3.27 0.00	37.21 2.67 -0.35	41.03 2.67 0.00	43.42 3.47 0.00	41.30 4.08 0.00	38.91 3.65 0.00	38.46 3.53 0.00	34.63 3.44 0.00	38.87 3.93 0.00	43.83 4.49 0.00	36.34 3.54 0.00	32.38 3.07 0.00
GROVEVILLE___HYD 323602	33.54 1.93 0.00	30.05 1.71 0.00	30.13 1.49 0.00	27.24 1.29 0.00	26.50 1.25 0.00	25.81 1.28 0.00	23.59 1.26 0.00	32.31 1.17 -11.44	33.48 1.94 -0.48	44.76 1.91 -11.23	40.21 2.54 0.00	39.08 2.67 0.00	40.07 2.79 0.00	37.29 2.70 -0.41	41.34 2.98 0.00	43.12 3.17 0.00	40.31 3.09 0.00	38.30 3.04 0.00	37.74 2.81 0.00	33.41 2.22 0.00	37.25 2.31 0.00	41.84 2.50 0.00	34.92 2.13 0.00	31.14 1.82 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.36 -0.24 0.00	28.10 -0.24 0.00	28.38 -0.26 0.00	25.69 -0.26 0.00	25.05 -0.21 0.00	24.38 -0.15 0.00	22.21 -0.12 0.00	19.61 -0.09 0.00	30.87 -0.18 0.00	31.42 -0.19 0.00	37.40 -0.28 0.00	36.11 -0.30 0.00	36.99 -0.28 0.00	33.97 -0.22 0.00	38.09 -0.26 0.00	39.71 -0.24 0.00	37.10 -0.13 0.00	35.19 -0.06 0.00	34.90 -0.02 0.00	31.19 0.00 0.00	34.82 -0.11 0.00	39.14 -0.21 0.00	32.60 -0.20 0.00	29.15 -0.16 0.00
HAMLTNNY_34_KV_TB 80303	31.39 -0.22 0.00	28.08 -0.26 0.00	28.37 -0.27 0.00	25.70 -0.24 0.00	25.07 -0.18 0.00	24.40 -0.13 0.00	22.22 -0.11 0.00	19.64 -0.06 0.00	30.96 -0.09 0.00	31.54 -0.08 0.00	37.52 -0.15 0.00	36.24 -0.17 0.00	37.13 -0.14 0.00	34.11 -0.08 0.00	38.17 -0.18 0.00	39.81 -0.15 0.00	37.20 -0.02 0.00	35.35 0.10 0.00	35.08 0.16 0.00	31.35 0.16 0.00	34.99 0.05 0.00	39.31 -0.04 0.00	32.74 -0.06 0.00	29.29 -0.02 0.00
HAMPSHIRE___PAPER_HYD 323593	31.52 -0.09 0.00	28.21 -0.13 0.00	28.52 -0.11 0.00	25.84 -0.11 0.00	25.09 -0.16 0.00	24.45 -0.08 0.00	22.27 -0.06 0.00	19.53 -0.17 0.00	30.64 -0.42 0.00	31.16 -0.45 0.00	36.88 -0.79 0.00	35.31 -1.10 0.00	36.12 -1.15 0.00	32.95 -1.24 0.00	36.98 -1.38 0.00	38.69 -1.27 0.00	36.20 -1.02 0.00	34.46 -0.79 0.00	34.17 -0.76 0.00	30.70 -0.49 0.00	34.56 -0.37 0.00	39.37 0.02 0.00	32.95 0.15 0.00	29.47 0.15 0.00
HARDSCRABBLE_WT_PWR 323673	31.53 -0.08 0.00	28.28 -0.06 0.00	28.51 -0.12 0.00	25.83 -0.11 0.00	25.16 -0.09 0.00	24.46 -0.07 0.00	22.20 -0.14 0.00	19.61 -0.09 0.00	30.94 -0.10 0.00	31.57 -0.05 0.00	37.72 0.05 0.00	36.67 0.26 0.00	37.49 0.21 0.00	34.47 0.28 0.00	38.63 0.26 0.00	40.21 0.25 0.00	37.64 0.42 0.00	35.63 0.37 0.00	35.31 0.39 0.00	31.49 0.30 0.00	35.19 0.26 0.00	39.54 0.20 0.00	32.99 0.19 0.00	29.39 0.08 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.18 1.57 0.00	29.73 1.40 0.00	29.84 1.21 0.00	26.98 1.04 0.00	26.25 1.00 0.00	25.51 0.98 0.00	23.30 0.97 0.00	-37.86 -0.87 58.44	30.06 1.48 2.47	-24.22 1.55 57.38	39.81 2.13 0.00	38.67 2.25 0.00	39.61 2.33 0.00	34.36 2.26 2.09	40.90 2.54 0.00	42.68 2.72 0.00	39.88 2.66 0.00	37.81 2.55 0.00	37.21 2.28 0.00	32.91 1.72 0.00	36.69 1.75 0.00	41.20 1.85 0.00	34.37 1.57 0.00	30.65 1.33 0.00
HARSNRAD_115KV_TB1 81005	30.95 -0.65 0.00	27.61 -0.73 0.00	28.01 -0.63 0.00	25.42 -0.53 0.00	24.82 -0.44 0.00	23.96 -0.57 0.00	21.91 -0.42 0.00	19.30 -0.40 0.00	30.48 -0.57 0.00	31.53 -0.08 0.00	37.08 -0.59 0.00	35.50 -0.91 0.00	36.07 -1.21 0.00	33.04 -1.15 0.00	36.71 -1.65 0.00	38.23 -1.72 0.00	36.00 -1.23 0.00	34.29 -0.97 0.00	33.92 -1.00 0.00	30.55 -0.64 0.00	34.11 -0.82 0.00	38.55 -0.79 0.00	32.26 -0.53 0.00	29.25 -0.06 0.00
HARZA MOOSE___RIVER 24016	31.97 0.36 0.00	28.61 0.27 0.00	28.94 0.30 0.00	26.20 0.25 0.00	25.47 0.21 0.00	24.77 0.24 0.00	22.60 0.26 0.00	19.95 0.25 0.00	31.41 0.36 0.00	32.10 0.49 0.00	38.07 0.39 0.00	36.59 0.18 0.00	37.45 0.17 0.00	34.39 0.20 0.00	38.59 0.23 0.00	40.24 0.29 0.00	37.52 0.30 0.00	35.62 0.37 0.00	35.38 0.45 0.00	31.71 0.52 0.00	35.53 0.59 0.00	40.13 0.78 0.00	33.45 0.65 0.00	29.83 0.52 0.00



HDSNBRDG_115KV_BRDG_TB1 355580	31.16 -0.45 0.00	27.91 -0.43 0.00	28.20 -0.44 0.00	25.54 -0.41 0.00	24.89 -0.36 0.00	24.18 -0.34 0.00	22.04 -0.29 0.00	19.44 -0.26 0.00	30.61 -0.44 0.00	31.23 -0.39 0.00	37.17 -0.50 0.00	35.88 -0.53 0.00	36.76 -0.51 0.00	33.76 -0.43 0.00	37.85 -0.51 0.00	39.46 -0.50 0.00	36.85 -0.38 0.00	34.97 -0.29 0.00	34.65 -0.28 0.00	30.96 -0.23 0.00	34.58 -0.36 0.00	38.87 -0.48 0.00	32.38 -0.41 0.00	28.97 -0.34 0.00
HELLGATE_13_KV_LD 55870	33.38 1.78 0.00	29.93 1.59 0.00	29.94 1.30 0.00	27.07 1.12 0.00	26.34 1.09 0.00	25.67 1.14 0.00	23.50 1.17 0.00	75.55 1.04 -54.81	35.12 1.75 -2.32	87.19 1.74 -53.83	40.01 2.34 0.00	38.89 2.47 0.00	39.87 2.59 0.00	38.67 2.51 -1.96	41.17 2.81 0.00	42.90 2.94 0.00	40.07 2.85 0.00	38.03 2.77 0.00	37.31 2.39 0.00	32.98 1.79 0.00	36.69 1.76 0.00	41.26 1.92 0.00	34.55 1.76 0.00	30.84 1.53 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.38 1.78 0.00	29.93 1.59 0.00	29.94 1.30 0.00	27.07 1.12 0.00	26.34 1.09 0.00	25.67 1.14 0.00	23.50 1.17 0.00	75.55 1.04 -54.81	35.12 1.75 -2.32	87.19 1.74 -53.83	40.01 2.34 0.00	38.89 2.47 0.00	39.87 2.59 0.00	38.67 2.51 -1.96	41.17 2.81 0.00	42.90 2.94 0.00	40.07 2.85 0.00	38.03 2.77 0.00	37.31 2.39 0.00	32.98 1.79 0.00	36.69 1.76 0.00	41.26 1.92 0.00	34.55 1.76 0.00	30.84 1.53 0.00
HEMPSTEAD____ 23647	54.48 2.23 -20.65	59.62 2.03 -29.26	70.33 1.78 -39.91	63.84 1.55 -36.33	59.57 1.51 -32.81	48.88 1.52 -22.83	52.10 1.51 -28.26	95.81 1.33 -74.78	72.17 2.17 -38.95	96.78 2.07 -63.09	56.60 2.81 -16.12	60.28 2.89 -20.98	53.26 3.00 -12.98	55.60 2.88 -18.52	58.62 3.18 -17.08	48.67 3.36 -5.36	51.82 3.22 -11.37	52.35 3.17 -13.92	62.73 2.80 -25.00	33.19 1.99 0.00	37.03 2.09 0.00	41.63 2.29 0.00	35.00 2.20 0.00	31.20 1.89 0.00
HEWLETT__69_KV_BK3 55828	54.85 2.59 -20.65	60.20 2.42 -29.45	70.52 1.97 -39.91	64.02 1.74 -36.33	59.75 1.68 -32.81	49.11 1.75 -22.83	52.30 1.71 -28.26	95.89 1.41 -74.78	72.32 2.31 -38.95	96.96 2.26 -63.09	56.84 3.04 -16.12	60.49 3.10 -20.98	53.44 3.18 -12.98	55.74 3.02 -18.52	58.79 3.35 -17.08	48.86 3.55 -5.35	52.01 3.41 -11.37	52.61 3.43 -13.92	62.95 3.02 -25.00	33.25 2.05 0.00	37.27 2.33 0.00	41.96 2.61 0.00	35.27 2.48 0.00	31.44 2.12 0.00
HICKLING___1 23621	31.80 0.19 0.00	28.35 0.01 0.00	28.66 0.02 0.00	25.95 0.00 0.00	25.43 0.18 0.00	24.85 0.32 0.00	22.70 0.37 0.00	20.17 0.48 0.00	31.92 0.87 0.00	32.58 0.97 0.00	38.89 1.22 0.00	37.43 1.02 0.00	38.36 1.08 0.00	35.19 1.00 0.00	39.38 1.02 0.00	41.05 1.09 0.00	38.25 1.02 0.00	36.41 1.15 0.00	36.02 1.09 0.00	32.14 0.96 0.00	35.79 0.85 0.00	40.30 0.96 0.00	33.51 0.72 0.00	30.07 0.76 0.00
HICKLING___2 23622	31.80 0.19 0.00	28.35 0.01 0.00	28.66 0.02 0.00	25.95 0.00 0.00	25.43 0.18 0.00	24.85 0.32 0.00	22.70 0.37 0.00	20.17 0.48 0.00	31.92 0.87 0.00	32.58 0.97 0.00	38.89 1.22 0.00	37.43 1.02 0.00	38.36 1.08 0.00	35.19 1.00 0.00	39.38 1.02 0.00	41.05 1.09 0.00	38.25 1.02 0.00	36.41 1.15 0.00	36.02 1.09 0.00	32.14 0.96 0.00	35.79 0.85 0.00	40.30 0.96 0.00	33.51 0.72 0.00	30.07 0.76 0.00
HIGH FALLS___HY 23754	33.27 1.66 0.00	29.77 1.43 0.00	29.87 1.24 0.00	26.97 1.03 0.00	26.24 0.99 0.00	25.50 0.98 0.00	23.31 0.98 0.00	20.63 0.93 0.00	32.60 1.55 0.00	33.19 1.58 0.00	39.75 2.08 0.00	38.61 2.20 0.00	39.63 2.36 0.00	36.45 2.26 0.00	40.58 2.22 0.00	42.45 2.50 0.00	39.73 2.51 0.00	37.77 2.52 0.00	37.22 2.30 0.00	32.98 1.79 0.00	36.94 2.00 0.00	41.49 2.15 0.00	34.59 1.79 0.00	30.82 1.50 0.00
HILLBURN___GT 23639	33.10 1.49 0.00	29.66 1.32 0.00	29.76 1.13 0.00	26.92 0.97 0.00	26.19 0.94 0.00	25.41 0.88 0.00	23.22 0.89 0.00	-46.14 0.80 66.63	29.60 1.36 2.82	-32.37 1.45 65.44	39.70 2.02 0.00	38.55 2.14 0.00	39.47 2.19 0.00	33.95 2.15 2.39	40.75 2.39 0.00	42.50 2.54 0.00	39.70 2.48 0.00	37.58 2.33 0.00	36.95 2.02 0.00	32.64 1.45 0.00	36.40 1.47 0.00	40.89 1.55 0.00	34.15 1.35 0.00	30.47 1.16 0.00
HILLSIDE_115KV_TB1 80332	31.25 -0.36 0.00	27.86 -0.48 0.00	28.23 -0.42 0.00	25.54 -0.41 0.00	25.01 -0.24 0.00	24.39 -0.14 0.00	22.26 -0.07 0.00	19.76 0.06 0.00	31.25 0.20 0.00	31.93 0.32 0.00	38.19 0.51 0.00	36.75 0.34 0.00	37.65 0.37 0.00	34.51 0.32 0.00	38.67 0.31 0.00	40.29 0.34 0.00	37.55 0.32 0.00	35.65 0.39 0.00	35.22 0.30 0.00	31.40 0.21 0.00	34.96 0.03 0.00	39.37 0.03 0.00	32.79 -0.01 0.00	29.44 0.13 0.00
HISHELDN_WT_PWR 323625	31.19 -0.41 0.00	27.81 -0.54 0.00	28.20 -0.44 0.00	25.57 -0.37 0.00	25.02 -0.23 0.00	24.25 -0.27 0.00	22.18 -0.16 0.00	19.71 0.01 0.00	31.29 0.24 0.00	32.25 0.63 0.00	38.17 0.50 0.00	36.70 0.29 0.00	37.51 0.23 0.00	34.44 0.25 0.00	38.41 0.04 0.00	39.89 -0.07 0.00	37.04 -0.18 0.00	35.22 -0.04 0.00	34.85 -0.08 0.00	31.26 0.07 0.00	34.86 -0.08 0.00	39.38 0.03 0.00	32.85 0.05 0.00	29.62 0.31 0.00
HOLTSVILLE_IC_1 23690	55.27 3.01 -20.65	61.31 2.75 -30.21	70.94 2.39 -39.91	64.40 2.12 -36.33	60.12 2.06 -32.81	49.35 1.99 -22.83	52.52 1.93 -28.26	96.22 1.74 -74.78	73.05 3.05 -38.95	97.50 2.80 -63.09	57.50 3.70 -16.12	61.08 3.69 -20.98	54.02 3.76 -12.98	56.33 3.61 -18.52	86.28 3.93 -44.00	49.38 4.07 -5.36	52.52 3.92 -11.38	53.04 3.86 -13.93	63.42 3.49 -25.00	34.68 2.47 -1.03	37.47 2.54 0.00	42.12 2.78 0.00	35.62 2.83 0.00	31.77 2.45 0.00
HOLTSVILLE_IC_10 23699	55.52 3.26 -20.65	61.50 2.96 -30.20	71.11 2.56 -39.91	64.55 2.26 -36.33	60.26 2.20 -32.81	49.51 2.15 -22.83	52.67 2.08 -28.26	96.37 1.89 -74.78	73.31 3.31 -38.95	97.72 3.01 -63.09	57.79 4.00 -16.12	61.38 3.99 -20.98	54.34 4.09 -12.98	56.64 3.93 -18.52	88.41 4.31 -45.73	49.76 4.45 -5.36	52.88 4.28 -11.38	53.43 4.25 -13.93	63.81 3.88 -25.00	35.08 2.80 -1.09	37.81 2.88 0.00	42.52 3.17 0.00	35.94 3.14 0.00	32.03 2.72 0.00
HOLTSVILLE_IC_2 23691	55.27 3.01 -20.65	61.31 2.75 -30.21	70.94 2.39 -39.91	64.40 2.12 -36.33	60.12 2.06 -32.81	49.35 1.99 -22.83	52.52 1.93 -28.26	96.22 1.74 -74.78	73.05 3.05 -38.95	97.50 2.80 -63.09	57.50 3.70 -16.12	61.08 3.69 -20.98	54.02 3.76 -12.98	56.33 3.61 -18.52	86.28 3.93 -44.00	49.38 4.07 -5.36	52.52 3.92 -11.38	53.04 3.86 -13.93	63.42 3.49 -25.00	34.68 2.47 -1.03	37.47 2.54 0.00	42.12 2.78 0.00	35.62 2.83 0.00	31.77 2.45 0.00
HOLTSVILLE_IC_3 23692	55.27 3.01 -20.65	61.31 2.75 -30.21	70.94 2.39 -39.91	64.40 2.12 -36.33	60.12 2.06 -32.81	49.35 1.99 -22.83	52.52 1.93 -28.26	96.22 1.74 -74.78	73.05 3.05 -38.95	97.50 2.80 -63.09	57.50 3.70 -16.12	61.08 3.69 -20.98	54.02 3.76 -12.98	56.33 3.61 -18.52	86.28 3.93 -44.00	49.38 4.07 -5.36	52.52 3.92 -11.38	53.04 3.86 -13.93	63.42 3.49 -25.00	34.68 2.47 -1.03	37.47 2.54 0.00	42.12 2.78 0.00	35.62 2.83 0.00	31.77 2.45 0.00



HOLTSVILLE_IC_4 23693	55.27 3.01 -20.65	61.31 2.75 -30.21	70.94 2.39 -39.91	64.40 2.12 -36.33	60.12 2.06 -32.81	49.35 1.99 -22.83	52.52 1.93 -28.26	96.22 1.74 -74.78	73.05 3.05 -38.95	97.50 2.80 -63.09	57.50 3.70 -16.12	61.08 3.69 -20.98	54.02 3.76 -12.98	56.33 3.61 -18.52	86.28 3.93 -44.00	49.38 4.07 -5.36	52.52 3.92 -11.38	53.04 3.86 -13.93	63.42 3.49 -25.00	34.68 2.47 -1.03	37.47 2.54 0.00	42.12 2.78 0.00	35.62 2.83 0.00	31.77 2.45 0.00
HOLTSVILLE_IC_5 23694	55.27 3.01 -20.65	61.31 2.75 -30.21	70.94 2.39 -39.91	64.40 2.12 -36.33	60.12 2.06 -32.81	49.35 1.99 -22.83	52.52 1.93 -28.26	96.22 1.74 -74.78	73.05 3.05 -38.95	97.50 2.80 -63.09	57.50 3.70 -16.12	61.08 3.69 -20.98	54.02 3.76 -12.98	56.33 3.61 -18.52	86.28 3.93 -44.00	49.38 4.07 -5.36	52.52 3.92 -11.38	53.04 3.86 -13.93	63.42 3.49 -25.00	34.68 2.47 -1.03	37.47 2.54 0.00	42.12 2.78 0.00	35.62 2.83 0.00	31.77 2.45 0.00
HOLTSVILLE_IC_6 23695	55.52 3.26 -20.65	61.50 2.96 -30.20	71.11 2.56 -39.91	64.55 2.26 -36.33	60.26 2.20 -32.81	49.51 2.15 -22.83	52.67 2.08 -28.26	96.37 1.89 -74.78	73.31 3.31 -38.95	97.72 3.01 -63.09	57.79 4.00 -16.12	61.38 3.99 -20.98	54.34 4.09 -12.98	56.64 3.93 -18.52	88.41 4.31 -45.73	49.76 4.45 -5.36	52.88 4.28 -11.38	53.43 4.25 -13.93	63.81 3.88 -25.00	35.08 2.80 -1.09	37.81 2.88 0.00	42.52 3.17 0.00	35.94 3.14 0.00	32.03 2.72 0.00
HOLTSVILLE_IC_7 23696	55.52 3.26 -20.65	61.50 2.96 -30.20	71.11 2.56 -39.91	64.55 2.26 -36.33	60.26 2.20 -32.81	49.51 2.15 -22.83	52.67 2.08 -28.26	96.37 1.89 -74.78	73.31 3.31 -38.95	97.72 3.01 -63.09	57.79 4.00 -16.12	61.38 3.99 -20.98	54.34 4.09 -12.98	56.64 3.93 -18.52	88.41 4.31 -45.73	49.76 4.45 -5.36	52.88 4.28 -11.38	53.43 4.25 -13.93	63.81 3.88 -25.00	35.08 2.80 -1.09	37.81 2.88 0.00	42.52 3.17 0.00	35.94 3.14 0.00	32.03 2.72 0.00
HOLTSVILLE_IC_8 23697	55.52 3.26 -20.65	61.50 2.96 -30.20	71.11 2.56 -39.91	64.55 2.26 -36.33	60.26 2.20 -32.81	49.51 2.15 -22.83	52.67 2.08 -28.26	96.37 1.89 -74.78	73.31 3.31 -38.95	97.72 3.01 -63.09	57.79 4.00 -16.12	61.38 3.99 -20.98	54.34 4.09 -12.98	56.64 3.93 -18.52	88.41 4.31 -45.73	49.76 4.45 -5.36	52.88 4.28 -11.38	53.43 4.25 -13.93	63.81 3.88 -25.00	35.08 2.80 -1.09	37.81 2.88 0.00	42.52 3.17 0.00	35.94 3.14 0.00	32.03 2.72 0.00
HOLTSVILLE_IC_9 23698	55.52 3.26 -20.65	61.50 2.96 -30.20	71.11 2.56 -39.91	64.55 2.26 -36.33	60.26 2.20 -32.81	49.51 2.15 -22.83	52.67 2.08 -28.26	96.37 1.89 -74.78	73.31 3.31 -38.95	97.72 3.01 -63.09	57.79 4.00 -16.12	61.38 3.99 -20.98	54.34 4.09 -12.98	56.64 3.93 -18.52	88.41 4.31 -45.73	49.76 4.45 -5.36	52.88 4.28 -11.38	53.43 4.25 -13.93	63.81 3.88 -25.00	35.08 2.80 -1.09	37.81 2.88 0.00	42.52 3.17 0.00	35.94 3.14 0.00	32.03 2.72 0.00
HOMER_HL_115KV_TB2 355744	31.39 -0.22 0.00	28.06 -0.28 0.00	28.48 -0.16 0.00	25.80 -0.15 0.00	25.20 -0.05 0.00	24.55 0.02 0.00	22.47 0.14 0.00	19.93 0.23 0.00	31.51 0.45 0.00	32.37 0.75 0.00	38.14 0.46 0.00	36.46 0.04 0.00	37.39 0.12 0.00	34.41 0.22 0.00	38.37 0.00 0.00	39.89 -0.07 0.00	37.22 0.00 0.00	35.32 0.06 0.00	34.83 -0.10 0.00	30.99 -0.20 0.00	34.72 -0.22 0.00	39.37 0.03 0.00	32.99 0.19 0.00	29.84 0.53 0.00
HOWARD_WT_PWR 323690	31.33 -0.27 0.00	27.93 -0.41 0.00	28.30 -0.34 0.00	25.68 -0.27 0.00	25.22 -0.04 0.00	24.57 0.05 0.00	22.45 0.12 0.00	20.03 0.33 0.00	31.83 0.78 0.00	32.67 1.05 0.00	38.77 1.10 0.00	37.25 0.84 0.00	38.15 0.87 0.00	35.05 0.85 0.00	39.09 0.72 0.00	40.62 0.66 0.00	37.82 0.60 0.00	35.96 0.70 0.00	35.60 0.67 0.00	31.88 0.69 0.00	35.58 0.64 0.00	40.22 0.87 0.00	33.38 0.59 0.00	29.92 0.61 0.00
HQ_GEN_CEDARS 23644	31.83 0.23 0.00	28.50 0.16 0.00	28.92 0.28 0.00	26.25 0.29 0.00	25.51 0.25 0.00	24.74 0.21 0.00	22.56 0.22 0.00	19.83 0.13 0.00	31.23 0.18 0.00	31.83 0.22 0.00	37.83 0.15 0.00	36.43 0.02 0.00	37.28 0.00 0.00	33.83 -0.36 0.00	38.07 -0.28 0.00	39.68 -0.28 0.00	36.84 -0.38 0.00	34.77 -0.48 0.00	34.48 -0.45 0.00	30.91 -0.28 0.00	34.80 -0.13 0.00	39.70 0.35 0.00	33.02 0.23 0.00	29.53 0.22 0.00
HQ_GEN_CEDARS_PROXY 323590	31.84 0.23 0.00	28.50 0.16 0.00	28.92 0.28 0.00	26.25 0.29 0.00	25.51 0.26 0.00	24.74 0.21 0.00	22.55 0.22 0.00	19.83 0.13 0.00	31.24 0.19 0.00	31.84 0.22 0.00	37.83 0.15 0.00	36.43 0.02 0.00	37.28 0.00 0.00	33.83 -0.36 0.00	38.08 -0.28 0.00	39.68 -0.27 0.00	36.84 -0.38 0.00	34.78 -0.48 0.00	34.48 -0.45 0.00	30.91 -0.28 0.00	34.80 -0.13 0.00	39.70 0.35 0.00	33.02 0.23 0.00	29.53 0.22 0.00
HQ_GEN_IMPORT 323601	31.48 -0.13 0.00	28.21 -0.13 0.00	28.59 -0.05 0.00	25.94 -0.01 0.00	25.23 -0.03 0.00	24.47 -0.06 0.00	22.28 -0.05 0.00	19.63 -0.07 0.00	30.92 -0.13 0.00	31.49 -0.12 0.00	37.47 -0.21 0.00	36.17 -0.24 0.00	37.02 -0.26 0.00	33.89 -0.30 0.00	38.08 -0.28 0.00	39.68 -0.27 0.00	36.85 -0.37 0.00	34.79 -0.46 0.00	34.53 -0.39 0.00	30.90 -0.29 0.00	34.73 -0.20 0.00	39.25 -0.10 0.00	32.64 -0.16 0.00	29.17 -0.14 0.00
HQ_GEN_WHEEL 23651	31.48 -0.13 0.00	28.21 -0.13 0.00	28.59 -0.05 0.00	25.94 -0.01 0.00	25.23 -0.03 0.00	24.47 -0.06 0.00	22.28 -0.05 0.00	19.63 -0.07 0.00	30.92 -0.13 0.00	31.49 -0.12 0.00	37.47 -0.21 0.00	36.17 -0.24 0.00	37.02 -0.26 0.00	33.89 -0.30 0.00	38.08 -0.28 0.00	39.68 -0.27 0.00	36.85 -0.37 0.00	34.79 -0.46 0.00	34.53 -0.39 0.00	30.90 -0.29 0.00	34.73 -0.20 0.00	39.25 -0.10 0.00	32.64 -0.16 0.00	29.17 -0.14 0.00
HUDSON_AVE_GT_3 23810	33.46 1.86 0.00	29.98 1.63 0.00	30.01 1.37 0.00	27.13 1.18 0.00	26.39 1.14 0.00	25.70 1.17 0.00	23.53 1.20 0.00	75.59 1.06 -54.83	35.16 1.79 -2.32	87.26 1.81 -53.84	40.11 2.43 0.00	38.95 2.55 0.00	39.93 2.66 0.00	38.74 2.59 -1.96	41.24 2.88 0.00	43.00 3.05 0.00	40.15 2.92 0.00	38.11 2.86 0.00	37.45 2.53 0.00	33.09 1.90 0.00	36.86 1.93 0.00	41.40 2.06 0.00	34.62 1.82 0.00	30.91 1.59 0.00
HUDSON_AVE_GT_4 23540	33.46 1.86 0.00	29.98 1.63 0.00	30.01 1.37 0.00	27.13 1.18 0.00	26.39 1.14 0.00	25.70 1.17 0.00	23.53 1.20 0.00	75.59 1.06 -54.83	35.16 1.79 -2.32	87.26 1.81 -53.84	40.11 2.43 0.00	38.95 2.55 0.00	39.93 2.66 0.00	38.74 2.59 -1.96	41.24 2.88 0.00	43.00 3.05 0.00	40.15 2.92 0.00	38.11 2.86 0.00	37.45 2.53 0.00	33.09 1.90 0.00	36.86 1.93 0.00	41.40 2.06 0.00	34.62 1.82 0.00	30.91 1.59 0.00
HUDSON_AVE_GT_5 23657	33.46 1.86 0.00	29.98 1.63 0.00	30.01 1.37 0.00	27.13 1.18 0.00	26.39 1.14 0.00	25.70 1.17 0.00	23.53 1.20 0.00	75.59 1.06 -54.83	35.16 1.79 -2.32	87.26 1.81 -53.84	40.11 2.43 0.00	38.95 2.55 0.00	39.93 2.66 0.00	38.74 2.59 -1.96	41.24 2.88 0.00	43.00 3.05 0.00	40.15 2.92 0.00	38.11 2.86 0.00	37.45 2.53 0.00	33.09 1.90 0.00	36.86 1.93 0.00	41.40 2.06 0.00	34.62 1.82 0.00	30.91 1.59 0.00



HUDSON_AVE_10 24168	33.38 1.77 0.00	29.90 1.56 0.00	29.93 1.29 0.00	27.06 1.12 0.00	26.32 1.07 0.00	25.64 1.11 0.00	23.48 1.14 0.00	75.54 1.02 -54.83	35.06 1.70 -2.32	87.16 1.70 -53.84	39.94 2.27 0.00	38.81 2.40 0.00	39.77 2.49 0.00	38.60 2.44 -1.96	41.07 2.71 0.00	42.84 2.88 0.00	39.99 2.76 0.00	37.96 2.70 0.00	37.27 2.34 0.00	32.94 1.75 0.00	36.68 1.75 0.00	41.20 1.85 0.00	34.46 1.66 0.00	30.76 1.45 0.00
HUDSON___115KV_TB 4 355613	32.91 1.31 0.00	29.61 1.27 0.00	29.79 1.15 0.00	27.01 1.06 0.00	26.29 1.04 0.00	25.61 1.08 0.00	23.33 1.00 0.00	32.33 0.91 -11.72	32.95 1.41 -0.49	44.43 1.31 -11.51	39.25 1.58 0.00	38.10 1.69 0.00	38.92 1.65 0.00	36.06 1.45 -0.42	39.95 1.59 0.00	41.53 1.58 0.00	38.85 1.62 0.00	36.97 1.72 0.00	36.60 1.67 0.00	32.68 1.49 0.00	36.65 1.72 0.00	41.31 1.97 0.00	34.50 1.70 0.00	30.77 1.46 0.00
HUNTER MOUNT___DRP 323613	33.16 1.55 0.00	29.82 1.48 0.00	30.00 1.36 0.00	27.21 1.27 0.00	26.49 1.24 0.00	25.83 1.30 0.00	23.53 1.20 0.00	31.39 1.09 -10.59	33.18 1.69 -0.45	43.58 1.56 -10.40	39.49 1.81 0.00	38.33 1.92 0.00	39.17 1.90 0.00	36.21 1.64 -0.38	40.21 1.85 0.00	41.75 1.80 0.00	39.08 1.86 0.00	37.24 1.99 0.00	36.88 1.95 0.00	33.00 1.81 0.00	37.00 2.07 0.00	41.66 2.32 0.00	34.76 1.97 0.00	31.00 1.68 0.00
HUNTINGTON_RES_REC 323705	55.15 2.89 -20.65	61.15 2.62 -30.19	70.79 2.24 -39.91	64.26 1.98 -36.33	59.99 1.93 -32.81	49.29 1.92 -22.83	52.45 1.86 -28.26	96.17 1.69 -74.78	72.93 2.93 -38.95	97.42 2.71 -63.09	57.36 3.57 -16.12	60.99 3.60 -20.98	53.97 3.71 -12.98	56.26 3.55 -18.52	127.08 3.94 -84.78	49.39 4.08 -5.36	52.59 3.99 -11.38	53.15 3.96 -13.94	63.49 3.56 -25.00	36.28 2.52 -2.58	37.48 2.54 0.00	42.15 2.81 0.00	35.58 2.78 0.00	31.72 2.41 0.00
HUNTLEY___63 23557	31.22 -0.38 0.00	27.89 -0.45 0.00	28.33 -0.31 0.00	25.71 -0.24 0.00	25.09 -0.16 0.00	24.23 -0.30 0.00	22.18 -0.16 0.00	19.58 -0.11 0.00	31.08 0.02 0.00	32.14 0.53 0.00	37.84 0.16 0.00	36.26 -0.15 0.00	36.94 -0.34 0.00	33.93 -0.26 0.00	37.78 -0.58 0.00	39.14 -0.82 0.00	36.60 -0.62 0.00	34.84 -0.41 0.00	34.45 -0.47 0.00	30.99 -0.20 0.00	34.56 -0.38 0.00	39.05 -0.30 0.00	32.66 -0.14 0.00	29.69 0.37 0.00
HUNTLEY___64 23558	31.22 -0.38 0.00	27.89 -0.45 0.00	28.33 -0.31 0.00	25.71 -0.24 0.00	25.09 -0.16 0.00	24.23 -0.30 0.00	22.18 -0.16 0.00	19.58 -0.11 0.00	31.08 0.02 0.00	32.14 0.53 0.00	37.84 0.16 0.00	36.26 -0.15 0.00	36.94 -0.34 0.00	33.93 -0.26 0.00	37.78 -0.58 0.00	39.14 -0.82 0.00	36.60 -0.62 0.00	34.84 -0.41 0.00	34.45 -0.47 0.00	30.99 -0.20 0.00	34.56 -0.38 0.00	39.05 -0.30 0.00	32.66 -0.14 0.00	29.69 0.37 0.00
HUNTLEY___65 23559	31.22 -0.38 0.00	27.89 -0.45 0.00	28.33 -0.31 0.00	25.71 -0.24 0.00	25.09 -0.16 0.00	24.23 -0.30 0.00	22.18 -0.16 0.00	19.58 -0.11 0.00	31.08 0.02 0.00	32.14 0.53 0.00	37.84 0.16 0.00	36.26 -0.15 0.00	36.94 -0.34 0.00	33.93 -0.26 0.00	37.78 -0.58 0.00	39.14 -0.82 0.00	36.60 -0.62 0.00	34.84 -0.41 0.00	34.45 -0.47 0.00	30.99 -0.20 0.00	34.56 -0.38 0.00	39.05 -0.30 0.00	32.66 -0.14 0.00	29.69 0.37 0.00
HUNTLEY___66 23560	31.22 -0.38 0.00	27.89 -0.45 0.00	28.33 -0.31 0.00	25.71 -0.24 0.00	25.09 -0.16 0.00	24.23 -0.30 0.00	22.18 -0.16 0.00	19.58 -0.11 0.00	31.08 0.02 0.00	32.14 0.53 0.00	37.84 0.16 0.00	36.26 -0.15 0.00	36.94 -0.34 0.00	33.93 -0.26 0.00	37.78 -0.58 0.00	39.14 -0.82 0.00	36.60 -0.62 0.00	34.84 -0.41 0.00	34.45 -0.47 0.00	30.99 -0.20 0.00	34.56 -0.38 0.00	39.05 -0.30 0.00	32.66 -0.14 0.00	29.69 0.37 0.00
HUNTLEY___67 23561	31.00 -0.61 0.00	27.68 -0.66 0.00	28.07 -0.57 0.00	25.47 -0.48 0.00	24.87 -0.39 0.00	24.04 -0.49 0.00	21.99 -0.34 0.00	19.43 -0.27 0.00	30.74 -0.31 0.00	31.78 0.17 0.00	37.51 -0.16 0.00	36.05 -0.36 0.00	36.79 -0.49 0.00	33.76 -0.43 0.00	37.60 -0.76 0.00	39.10 -0.86 -0.01	36.57 -0.65 0.00	34.79 -0.46 0.00	34.41 -0.51 0.00	30.93 -0.26 0.00	34.49 -0.44 0.00	38.99 -0.35 0.00	32.62 -0.18 0.00	29.55 0.24 0.00
HUNTLEY___68 23562	31.00 -0.61 0.00	27.68 -0.66 0.00	28.07 -0.57 0.00	25.47 -0.48 0.00	24.87 -0.39 0.00	24.04 -0.49 0.00	21.99 -0.34 0.00	19.43 -0.27 0.00	30.74 -0.31 0.00	31.78 0.17 0.00	37.51 -0.16 0.00	36.05 -0.36 0.00	36.79 -0.49 0.00	33.76 -0.43 0.00	37.60 -0.76 0.00	39.10 -0.86 -0.01	36.57 -0.65 0.00	34.79 -0.46 0.00	34.41 -0.51 0.00	30.93 -0.26 0.00	34.49 -0.44 0.00	38.99 -0.35 0.00	32.62 -0.18 0.00	29.55 0.24 0.00
HYLAND___LFGE 323620	31.62 0.01 0.00	28.26 -0.07 0.00	28.38 -0.26 0.00	25.68 -0.27 0.00	25.15 -0.10 0.00	24.76 0.24 0.00	22.68 0.34 0.00	20.01 0.31 0.00	31.38 0.33 0.00	31.46 -0.15 0.00	37.09 -0.58 0.00	35.71 -0.70 0.00	36.56 -0.72 0.00	33.54 -0.65 0.00	36.70 -1.66 0.00	37.10 -2.85 0.00	33.57 -3.65 0.00	32.52 -2.74 0.00	32.32 -2.60 0.00	29.36 -1.84 0.00	33.44 -1.50 0.00	40.42 1.08 0.00	33.85 1.05 0.00	30.33 1.02 0.00
INDECK___CORINTH 23802	33.31 1.70 0.00	29.77 1.43 0.00	29.96 1.32 0.00	27.13 1.19 0.00	26.42 1.17 0.00	25.80 1.27 0.00	23.59 1.25 0.00	33.05 1.14 -12.21	33.44 1.87 -0.52	45.41 1.80 -11.99	39.73 2.06 0.00	38.55 2.14 0.00	39.30 2.03 0.00	36.25 1.62 -0.44	40.16 1.80 0.00	41.74 1.79 0.00	38.97 1.75 0.00	37.02 1.76 0.00	36.84 1.91 0.00	32.77 1.58 0.00	37.02 2.09 0.00	41.58 2.23 0.00	34.75 1.96 0.00	31.02 1.71 0.00
INDECK___ILION 23567	31.63 0.02 0.00	28.38 0.04 0.00	28.64 0.00 0.00	25.93 -0.01 0.00	25.24 -0.01 0.00	24.55 0.02 0.00	22.31 -0.03 0.00	19.70 0.00 0.00	31.08 0.03 0.00	31.65 0.04 0.00	37.77 0.09 0.00	36.59 0.18 0.00	37.43 0.15 0.00	34.36 0.17 0.00	38.54 0.18 0.00	40.12 0.17 0.00	37.50 0.28 0.00	35.50 0.24 0.00	35.21 0.28 0.00	31.43 0.24 0.00	35.15 0.22 0.00	39.54 0.19 0.00	32.96 0.16 0.00	29.40 0.09 0.00
INDECK___OLEAN 23982	31.41 -0.20 0.00	28.06 -0.28 0.00	28.49 -0.15 0.00	25.80 -0.15 0.00	25.20 -0.05 0.00	24.54 0.02 0.00	22.47 0.14 0.00	19.93 0.23 0.00	31.51 0.45 0.00	32.37 0.76 0.00	38.13 0.46 0.00	36.46 0.04 0.00	37.41 0.13 0.00	34.41 0.22 0.00	38.36 0.00 0.00	39.89 -0.07 0.00	37.22 -0.01 0.00	35.32 0.07 0.00	34.82 -0.10 0.00	31.01 -0.18 0.00	34.72 -0.22 0.00	39.37 0.03 0.00	32.99 0.19 0.00	29.84 0.53 0.00
INDECK___OSWEGO 23783	30.75 -0.86 0.00	27.54 -0.80 0.00	27.82 -0.82 0.00	25.20 -0.74 0.00	24.55 -0.71 0.00	23.86 -0.67 0.00	21.74 -0.60 0.00	19.19 -0.51 0.00	30.19 -0.86 0.00	30.67 -0.94 0.00	36.32 -1.36 0.00	34.99 -1.42 0.00	35.83 -1.45 0.00	32.91 -1.28 0.00	36.89 -1.48 0.00	38.48 -1.48 0.00	35.91 -1.32 0.00	34.11 -1.15 0.00	33.81 -1.12 0.00	30.25 -0.95 0.00	33.79 -1.14 0.00	38.02 -1.33 0.00	31.70 -1.10 0.00	28.35 -0.96 0.00



INDECK___YERKES 23781	31.29 -0.31 0.00	27.91 -0.43 0.00	28.36 -0.28 0.00	25.74 -0.21 0.00	25.13 -0.12 0.00	24.25 -0.28 0.00	22.20 -0.13 0.00	19.61 -0.09 0.00	31.11 0.06 0.00	32.18 0.56 0.00	37.85 0.18 0.00	36.26 -0.15 0.00	36.95 -0.33 0.00	33.93 -0.26 0.00	37.79 -0.57 0.00	39.14 -0.82 0.00	36.60 -0.62 0.00	34.84 -0.42 0.00	34.45 -0.48 0.00	31.00 -0.19 0.00	34.55 -0.39 0.00	39.04 -0.31 0.00	32.66 -0.14 0.00	29.70 0.39 0.00
INDIAN POINT_GT_1 24139	33.21 1.60 0.00	29.77 1.43 0.00	29.83 1.19 0.00	26.97 1.02 0.00	26.24 0.99 0.00	25.56 1.03 0.00	23.35 1.02 0.00	84.14 0.91 -63.53	35.26 1.53 -2.69	95.51 1.51 -62.39	39.74 2.06 0.00	38.58 2.17 0.00	39.52 2.24 0.00	38.65 2.19 -2.28	40.78 2.43 0.00	42.52 2.57 0.00	39.71 2.48 0.00	37.72 2.46 0.00	37.12 2.20 0.00	32.82 1.63 0.00	36.60 1.67 0.00	41.12 1.78 0.00	34.37 1.57 0.00	30.67 1.36 0.00
INDIAN POINT_GT_2 23659	33.21 1.60 0.00	29.77 1.43 0.00	29.83 1.19 0.00	26.97 1.02 0.00	26.24 0.99 0.00	25.56 1.03 0.00	23.35 1.02 0.00	84.14 0.91 -63.53	35.26 1.53 -2.69	95.51 1.51 -62.39	39.74 2.06 0.00	38.58 2.17 0.00	39.52 2.24 0.00	38.65 2.19 -2.28	40.78 2.43 0.00	42.52 2.57 0.00	39.71 2.48 0.00	37.72 2.46 0.00	37.12 2.20 0.00	32.82 1.63 0.00	36.60 1.67 0.00	41.12 1.78 0.00	34.37 1.57 0.00	30.67 1.36 0.00
INDIAN POINT_GT_3 24019	33.21 1.60 0.00	29.77 1.43 0.00	29.83 1.19 0.00	26.97 1.02 0.00	26.24 0.99 0.00	25.56 1.03 0.00	23.35 1.02 0.00	84.14 0.91 -63.53	35.26 1.53 -2.69	95.51 1.51 -62.39	39.74 2.06 0.00	38.58 2.17 0.00	39.52 2.24 0.00	38.65 2.19 -2.28	40.78 2.43 0.00	42.52 2.57 0.00	39.71 2.48 0.00	37.72 2.46 0.00	37.12 2.20 0.00	32.82 1.63 0.00	36.60 1.67 0.00	41.12 1.78 0.00	34.37 1.57 0.00	30.67 1.36 0.00
INDIAN POINT___2 23530	33.14 1.53 0.00	29.72 1.38 0.00	29.78 1.14 0.00	26.92 0.97 0.00	26.19 0.94 0.00	25.51 0.98 0.00	23.31 0.98 0.00	105.49 0.87 -84.92	36.11 1.47 -3.59	116.46 1.45 -83.40	39.66 1.99 0.00	38.51 2.10 0.00	39.43 2.15 0.00	39.35 2.12 -3.04	40.71 2.35 0.00	42.44 2.48 0.00	39.63 2.40 0.00	37.64 2.38 0.00	37.03 2.11 0.00	32.74 1.55 0.00	36.52 1.59 0.00	41.03 1.68 0.00	34.29 1.49 0.00	30.60 1.29 0.00
INDIAN POINT___3 23531	33.17 1.56 0.00	29.74 1.40 0.00	29.80 1.17 0.00	26.95 1.00 0.00	26.22 0.96 0.00	25.53 1.00 0.00	23.33 1.00 0.00	85.76 0.89 -65.17	35.30 1.50 -2.76	97.09 1.47 -64.00	39.69 2.02 0.00	38.53 2.12 0.00	39.45 2.18 0.00	38.65 2.12 -2.33	40.71 2.35 0.00	42.44 2.49 0.00	39.63 2.41 0.00	37.64 2.38 0.00	37.04 2.12 0.00	32.76 1.57 0.00	36.54 1.61 0.00	41.05 1.70 0.00	34.31 1.51 0.00	30.63 1.31 0.00
INGHAM_C_115KV_TB7 356103	31.48 -0.12 0.00	28.29 -0.05 0.00	28.51 -0.13 0.00	25.81 -0.14 0.00	25.14 -0.11 0.00	24.47 -0.06 0.00	22.17 -0.16 0.00	19.60 -0.10 0.00	30.93 -0.12 0.00	31.51 -0.10 0.00	37.66 -0.02 0.00	36.66 0.25 0.00	37.45 0.17 0.00	34.40 0.21 0.00	38.55 0.19 0.00	40.12 0.16 0.00	37.58 0.36 0.00	35.59 0.33 0.00	35.28 0.35 0.00	31.46 0.27 0.00	35.16 0.23 0.00	39.52 0.18 0.00	32.94 0.14 0.00	29.33 0.02 0.00
IP CORINTH___1 23988	33.51 1.90 0.00	29.92 1.58 0.00	30.11 1.48 0.00	27.28 1.33 0.00	26.56 1.31 0.00	25.93 1.40 0.00	23.71 1.38 0.00	33.17 1.26 -12.21	33.62 2.05 -0.52	45.60 1.99 -11.99	39.95 2.27 0.00	38.76 2.35 0.00	39.52 2.24 0.00	36.44 1.82 -0.44	40.38 2.02 0.00	41.97 2.01 0.00	39.19 1.97 0.00	37.22 1.97 0.00	37.04 2.11 0.00	32.95 1.76 0.00	37.21 2.28 0.00	41.80 2.46 0.00	34.94 2.15 0.00	31.19 1.87 0.00
IP___TICONDEROGA 23804	34.91 3.30 0.00	31.02 2.68 0.00	31.33 2.69 0.00	28.40 2.45 0.00	27.70 2.44 0.00	27.01 2.48 0.00	24.96 2.63 0.00	34.31 2.35 -12.26	35.46 3.89 -0.52	47.64 3.99 -12.04	42.55 4.88 0.00	41.32 4.91 0.00	41.97 4.70 0.00	38.77 4.15 -0.44	42.96 4.60 0.00	44.75 4.80 0.00	41.87 4.64 0.00	39.57 4.31 0.00	39.18 4.25 0.00	34.59 3.40 0.00	38.80 3.86 0.00	43.55 4.21 0.00	36.52 3.72 0.00	32.73 3.42 0.00
ISLIP_RES_REC 323679	55.69 3.43 -20.65	61.65 3.12 -30.19	71.26 2.70 -39.91	64.66 2.38 -36.33	60.37 2.31 -32.81	49.63 2.27 -22.83	52.78 2.20 -28.26	96.48 2.01 -74.78	73.51 3.51 -38.95	97.93 3.22 -63.09	58.05 4.26 -16.12	61.63 4.24 -20.98	54.61 4.36 -12.98	56.91 4.20 -18.52	86.16 4.63 -43.18	50.09 4.78 -5.36	53.17 4.58 -11.38	53.73 4.55 -13.93	64.09 4.17 -25.00	35.23 3.04 -0.99	38.08 3.14 0.00	42.80 3.46 0.00	36.17 3.37 0.00	32.21 2.90 0.00
JAMAICA___27_KV_LOAD 355505	33.56 1.95 0.00	30.07 1.74 0.00	30.09 1.45 0.00	27.21 1.27 0.00	26.47 1.22 0.00	25.79 1.26 0.00	23.63 1.30 0.00	75.66 1.14 -54.83	35.25 1.88 -2.32	87.31 1.85 -53.84	40.03 2.36 0.00	38.90 2.49 0.00	39.86 2.59 0.00	38.70 2.55 -1.96	41.18 2.83 0.00	42.97 3.02 0.00	40.12 2.89 0.00	38.11 2.86 0.00	37.39 2.46 0.00	33.04 1.85 0.00	36.79 1.86 0.00	41.35 2.00 0.00	34.68 1.88 0.00	30.93 1.62 0.00
JANIS___SOLAR 323808	32.70 1.10 0.00	29.24 0.90 0.00	29.57 0.94 0.00	26.77 0.82 0.00	26.13 0.88 0.00	25.43 0.90 0.00	23.24 0.91 0.00	20.57 0.87 0.00	32.36 1.31 0.00	32.89 1.28 0.00	38.92 1.25 0.00	37.33 0.92 0.00	38.22 0.94 0.00	35.06 0.88 0.00	39.38 1.02 0.00	41.08 1.13 0.00	38.52 1.30 0.00	36.75 1.49 0.00	36.68 1.76 0.00	32.93 1.74 0.00	36.79 1.86 0.00	41.38 2.04 0.00	34.38 1.58 0.00	30.64 1.33 0.00
JARVIS____ 23743	31.62 0.02 0.00	28.37 0.03 0.00	28.64 0.00 0.00	25.95 0.00 0.00	25.25 0.00 0.00	24.53 0.00 0.00	22.33 0.00 0.00	19.71 0.01 0.00	31.08 0.03 0.00	31.64 0.03 0.00	37.71 0.04 0.00	36.45 0.04 0.00	37.31 0.04 0.00	34.26 0.07 0.00	38.41 0.05 0.00	40.00 0.05 0.00	37.30 0.08 0.00	35.37 0.11 0.00	35.03 0.10 0.00	31.29 0.09 0.00	35.01 0.07 0.00	39.40 0.05 0.00	32.86 0.07 0.00	29.35 0.04 0.00
JENNISON___1 23625	32.88 1.27 0.00	29.42 1.08 0.00	29.76 1.12 0.00	26.92 0.97 0.00	26.27 1.01 0.00	25.56 1.03 0.00	23.36 1.02 0.00	20.69 0.99 0.00	32.63 1.58 0.00	33.27 1.65 0.00	39.57 1.89 0.00	38.07 1.66 0.00	39.04 1.76 0.00	35.84 1.65 0.00	40.21 1.85 0.00	41.93 1.97 0.00	39.24 2.02 0.00	37.32 2.07 0.00	37.06 2.13 0.00	33.14 1.95 0.00	36.94 2.01 0.00	41.54 2.20 0.00	34.54 1.74 0.00	30.79 1.48 0.00
JENNISON___2 23626	32.88 1.27 0.00	29.42 1.08 0.00	29.76 1.12 0.00	26.92 0.97 0.00	26.27 1.01 0.00	25.56 1.03 0.00	23.36 1.02 0.00	20.69 0.99 0.00	32.63 1.58 0.00	33.27 1.65 0.00	39.57 1.89 0.00	38.07 1.66 0.00	39.04 1.76 0.00	35.84 1.65 0.00	40.21 1.85 0.00	41.93 1.97 0.00	39.24 2.02 0.00	37.32 2.07 0.00	37.06 2.13 0.00	33.14 1.95 0.00	36.94 2.01 0.00	41.54 2.20 0.00	34.54 1.74 0.00	30.79 1.48 0.00



JERICOHO_RISE_WT_PWR 323719	31.66 0.06 0.00	28.38 0.04 0.00	28.73 0.08 0.00	26.02 0.07 0.00	25.27 0.02 0.00	24.63 0.10 0.00	22.56 0.22 0.00	19.95 0.25 0.00	31.48 0.43 0.00	31.93 0.32 0.00	38.14 0.47 0.00	36.76 0.35 0.00	37.58 0.30 0.00	34.38 0.19 0.00	38.75 0.39 0.00	40.22 0.27 0.00	37.20 -0.02 0.00	35.18 -0.07 0.00	34.91 -0.01 0.00	31.28 0.09 0.00	35.14 0.21 0.00	39.74 0.40 0.00	32.97 0.17 0.00	29.44 0.13 0.00
KATONAH__115KV_46KV_TB4 355592	33.57 1.97 0.00	30.07 1.74 0.00	30.13 1.49 0.00	27.24 1.29 0.00	26.51 1.25 0.00	25.83 1.31 0.00	23.62 1.29 0.00	55.66 1.16 -34.80	34.45 1.93 -1.47	67.73 1.93 -34.19	40.47 2.80 0.00	39.32 2.91 0.00	40.31 3.03 0.00	38.32 2.95 -1.18	41.63 3.27 0.00	43.42 3.47 0.00	40.56 3.34 0.00	38.56 3.31 0.00	37.96 3.03 0.00	33.56 2.37 0.00	37.37 2.44 0.00	41.98 2.63 0.00	35.05 2.26 0.00	31.22 1.91 0.00
KCE_NY_1 323755	33.57 1.96 0.00	30.04 1.70 0.00	30.26 1.62 0.00	27.38 1.44 0.00	26.67 1.41 0.00	25.98 1.45 0.00	23.71 1.38 0.00	33.28 1.25 -12.32	33.57 2.00 -0.52	45.68 1.97 -12.10	40.06 2.38 0.00	38.87 2.46 0.00	39.79 2.51 0.00	36.85 2.22 -0.44	40.87 2.51 0.00	42.38 2.43 0.00	39.58 2.35 0.00	37.61 2.36 0.00	37.25 2.32 0.00	33.20 2.01 0.00	37.26 2.33 0.00	41.84 2.49 0.00	34.95 2.16 0.00	31.15 1.84 0.00
KCE_NY_6_ESR 323823	31.40 -0.21 0.00	27.98 -0.37 0.00	28.38 -0.26 0.00	25.73 -0.22 0.00	25.13 -0.12 0.00	24.33 -0.20 0.00	22.27 -0.06 0.00	19.73 0.03 0.00	31.26 0.21 0.00	32.30 0.68 0.00	38.17 0.50 0.00	36.71 0.30 0.00	37.48 0.20 0.00	34.42 0.23 0.00	38.37 0.01 0.00	39.88 -0.08 0.00	37.22 0.00 0.00	35.41 0.16 0.00	35.02 0.10 0.00	31.46 0.27 0.00	35.06 0.12 0.00	39.60 0.26 0.00	33.09 0.29 0.00	29.91 0.60 0.00
KEDC_PORT_JEFF_GT2 24210	55.40 3.15 -20.65	61.40 2.86 -30.21	71.03 2.48 -39.91	64.48 2.19 -36.33	60.19 2.13 -32.81	49.42 2.06 -22.83	52.58 2.00 -28.26	96.28 1.81 -74.78	73.17 3.18 -38.95	97.60 2.90 -63.09	57.65 3.85 -16.12	61.26 3.87 -20.98	54.22 3.96 -12.98	56.53 3.82 -18.52	91.73 4.16 -49.21	49.54 4.22 -5.36	52.68 4.08 -11.38	53.21 4.02 -13.93	63.58 3.66 -25.00	34.98 2.56 -1.23	37.50 2.57 0.00	42.27 2.93 0.00	35.79 3.00 0.00	31.91 2.60 0.00
KEDC_PORT_JEFF_GT3 24211	55.40 3.15 -20.65	61.40 2.86 -30.21	71.03 2.48 -39.91	64.48 2.19 -36.33	60.19 2.13 -32.81	49.42 2.06 -22.83	52.58 2.00 -28.26	96.28 1.81 -74.78	73.17 3.18 -38.95	97.60 2.90 -63.09	57.65 3.85 -16.12	61.26 3.87 -20.98	54.22 3.96 -12.98	56.53 3.82 -18.52	91.73 4.16 -49.21	49.54 4.22 -5.36	52.68 4.08 -11.38	53.21 4.02 -13.93	63.58 3.66 -25.00	34.98 2.56 -1.23	37.50 2.57 0.00	42.27 2.93 0.00	35.79 3.00 0.00	31.91 2.60 0.00
KEDC_GLWD_GT4 24219	54.29 2.03 -20.65	58.81 1.84 -28.62	70.30 1.75 -39.91	63.80 1.52 -36.33	59.54 1.48 -32.81	48.85 1.49 -22.83	52.06 1.47 -28.26	95.77 1.29 -74.78	71.97 1.97 -38.95	96.63 1.93 -63.09	56.45 2.65 -16.12	60.16 2.77 -20.98	53.14 2.88 -12.98	55.50 2.78 -18.52	58.53 3.09 -17.08	48.57 3.26 -5.36	51.74 3.14 -11.37	52.24 3.06 -13.92	62.63 2.71 -25.00	33.14 1.95 0.00	36.95 2.02 0.00	41.52 2.18 0.00	34.81 2.01 0.00	31.04 1.72 0.00
KEDC_GLWD_GT5 24220	54.29 2.03 -20.65	58.81 1.84 -28.62	70.30 1.75 -39.91	63.80 1.52 -36.33	59.54 1.48 -32.81	48.85 1.49 -22.83	52.06 1.47 -28.26	95.77 1.29 -74.78	71.97 1.97 -38.95	96.63 1.93 -63.09	56.45 2.65 -16.12	60.16 2.77 -20.98	53.14 2.88 -12.98	55.50 2.78 -18.52	58.53 3.09 -17.08	48.57 3.26 -5.36	51.74 3.14 -11.37	52.24 3.06 -13.92	62.63 2.71 -25.00	33.14 1.95 0.00	36.95 2.02 0.00	41.52 2.18 0.00	34.81 2.01 0.00	31.04 1.72 0.00
KENSICO____ 23655	33.31 1.71 0.00	29.86 1.52 0.00	29.91 1.27 0.00	27.04 1.10 0.00	26.32 1.06 0.00	25.62 1.09 0.00	23.42 1.09 0.00	78.92 0.98 -58.25	35.15 1.64 -2.46	90.44 1.62 -57.20	39.88 2.21 0.00	38.72 2.31 0.00	39.67 2.39 0.00	38.60 2.33 -2.09	40.94 2.58 0.00	42.69 2.73 0.00	39.85 2.63 0.00	37.85 2.60 0.00	37.24 2.32 0.00	32.93 1.74 0.00	36.72 1.78 0.00	41.25 1.90 0.00	34.49 1.69 0.00	30.78 1.47 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.31 1.70 0.00	29.82 1.48 0.00	29.92 1.28 0.00	27.02 1.08 0.00	26.29 1.04 0.00	25.56 1.03 0.00	23.36 1.03 0.00	20.68 0.98 0.00	32.66 1.61 0.00	33.24 1.62 0.00	39.81 2.14 0.00	38.66 2.25 0.00	39.68 2.41 0.00	36.48 2.29 0.00	40.54 2.18 0.00	42.40 2.45 0.00	39.69 2.46 0.00	37.76 2.51 0.00	37.21 2.29 0.00	33.00 1.81 0.00	37.03 2.10 0.00	41.60 2.26 0.00	34.67 1.87 0.00	30.90 1.58 0.00
KIAC_JFK_GT1 23816	33.37 1.76 0.00	29.91 1.57 0.00	29.91 1.27 0.00	27.06 1.11 0.00	26.32 1.07 0.00	25.66 1.13 0.00	23.50 1.16 0.00	75.50 0.98 -54.83	34.97 1.61 -2.32	87.00 1.54 -53.84	39.66 1.98 0.00	38.54 2.13 0.00	39.47 2.19 0.00	38.35 2.20 -1.96	40.77 2.41 0.00	42.54 2.59 0.00	39.71 2.49 0.00	37.77 2.51 0.00	37.04 2.12 0.00	32.73 1.55 0.00	36.45 1.52 0.00	40.96 1.62 0.00	34.38 1.58 0.00	30.67 1.36 0.00
KIAC_JFK_GT2 23817	33.37 1.76 0.00	29.91 1.57 0.00	29.91 1.27 0.00	27.06 1.11 0.00	26.32 1.07 0.00	25.66 1.13 0.00	23.50 1.16 0.00	75.50 0.98 -54.83	34.97 1.61 -2.32	87.00 1.54 -53.84	39.66 1.98 0.00	38.54 2.13 0.00	39.47 2.19 0.00	38.35 2.20 -1.96	40.77 2.41 0.00	42.54 2.59 0.00	39.71 2.49 0.00	37.77 2.51 0.00	37.04 2.12 0.00	32.73 1.55 0.00	36.45 1.52 0.00	40.96 1.62 0.00	34.38 1.58 0.00	30.67 1.36 0.00
KIAC_JFK____ 323774	33.35 1.74 0.00	29.92 1.58 0.00	29.93 1.29 0.00	27.06 1.11 0.00	26.32 1.07 0.00	25.66 1.13 0.00	23.49 1.16 0.00	75.50 0.98 -54.83	34.97 1.60 -2.32	87.00 1.54 -53.84	39.66 1.99 0.00	38.54 2.13 0.00	39.47 2.19 0.00	38.34 2.19 -1.96	40.77 2.41 0.00	42.54 2.59 0.00	39.71 2.49 0.00	37.77 2.51 0.00	37.04 2.12 0.00	32.73 1.54 0.00	36.45 1.52 0.00	40.97 1.63 0.00	34.38 1.59 0.00	30.67 1.36 0.00
KINTIGH____ 23543	30.87 -0.74 0.00	27.60 -0.74 0.00	27.97 -0.67 0.00	25.37 -0.58 0.00	24.75 -0.50 0.00	23.94 -0.58 0.00	21.90 -0.43 0.00	19.31 -0.39 0.00	30.50 -0.55 0.00	31.48 -0.14 0.00	37.18 -0.49 0.00	35.75 -0.66 0.00	36.49 -0.79 0.00	33.50 -0.69 0.00	37.34 -1.02 0.00	38.86 -1.09 0.00	36.39 -0.83 0.00	34.58 -0.67 0.00	34.23 -0.70 0.00	30.73 -0.46 0.00	34.30 -0.63 0.00	38.75 -0.59 0.00	32.42 -0.38 0.00	29.32 0.01 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.01 0.41 0.00	28.63 0.29 0.00	28.96 0.33 0.00	26.25 0.30 0.00	25.50 0.25 0.00	24.90 0.37 0.00	22.85 0.51 0.00	20.23 0.53 0.00	31.93 0.88 0.00	32.39 0.77 0.00	38.69 1.01 0.00	37.31 0.90 0.00	38.10 0.83 0.00	34.83 0.65 0.00	39.28 0.92 0.00	40.74 0.79 0.00	37.74 0.51 0.00	35.70 0.45 0.00	35.44 0.52 0.00	31.77 0.58 0.00	35.66 0.73 0.00	40.32 0.98 0.00	33.47 0.67 0.00	29.86 0.55 0.00



LACHUTE___HYDRO 323717	34.91 3.31 0.00	31.02 2.68 0.00	31.33 2.69 0.00	28.40 2.45 0.00	27.70 2.44 0.00	27.01 2.48 0.00	24.96 2.63 0.00	34.31 2.35 -12.26	35.46 3.89 -0.52	47.64 3.99 -12.04	42.55 4.88 0.00	41.32 4.90 0.00	41.97 4.70 0.00	38.77 4.14 -0.44	42.96 4.60 0.00	44.75 4.80 0.00	41.87 4.64 0.00	39.57 4.31 0.00	39.18 4.25 0.00	34.58 3.40 0.00	38.79 3.86 0.00	43.54 4.20 0.00	36.52 3.72 0.00	32.72 3.41 0.00
LAWRNCV_115KV_TB1 80681	31.70 0.09 0.00	28.36 0.02 0.00	28.78 0.14 0.00	26.11 0.16 0.00	25.37 0.11 0.00	24.63 0.10 0.00	22.42 0.09 0.00	19.66 -0.04 0.00	30.95 -0.10 0.00	31.52 -0.09 0.00	37.45 -0.22 0.00	35.98 -0.43 0.00	36.80 -0.47 0.00	33.35 -0.84 0.00	37.54 -0.82 0.00	39.14 -0.81 0.00	36.33 -0.89 0.00	34.33 -0.93 0.00	34.05 -0.88 0.00	30.56 -0.63 0.00	34.42 -0.51 0.00	39.36 0.02 0.00	32.91 0.12 0.00	29.48 0.17 0.00
LEDERLE___ 23769	33.24 1.64 0.00	29.81 1.47 0.00	29.87 1.23 0.00	27.00 1.05 0.00	26.28 1.03 0.00	25.57 1.05 0.00	23.37 1.03 0.00	-52.98 0.93 73.61	29.51 1.57 3.11	-39.09 1.58 72.28	39.83 2.16 0.00	38.68 2.27 0.00	39.59 2.32 0.00	33.81 2.26 2.64	40.87 2.52 0.00	42.63 2.68 0.00	39.83 2.60 0.00	37.81 2.55 0.00	37.19 2.26 0.00	32.86 1.67 0.00	36.66 1.72 0.00	41.16 1.82 0.00	34.37 1.57 0.00	30.66 1.34 0.00
LIGHTHSE_115KV_TB6 355974	31.12 -0.49 0.00	27.85 -0.49 0.00	28.11 -0.53 0.00	25.45 -0.50 0.00	24.76 -0.50 0.00	24.11 -0.41 0.00	22.00 -0.33 0.00	19.43 -0.27 0.00	30.55 -0.50 0.00	31.18 -0.44 0.00	36.89 -0.79 0.00	35.38 -1.03 0.00	36.22 -1.06 0.00	33.32 -0.87 0.00	37.27 -1.09 0.00	38.96 -0.99 0.00	36.28 -0.94 0.00	34.54 -0.72 0.00	34.30 -0.63 0.00	30.74 -0.45 0.00	34.46 -0.47 0.00	38.88 -0.46 0.00	32.42 -0.37 0.00	29.00 -0.31 0.00
LINDEN COGEN___ 23786	33.19 1.58 0.00	29.72 1.38 0.00	29.76 1.12 0.00	26.91 0.96 0.00	26.17 0.92 0.00	25.47 0.94 0.00	23.32 0.99 0.00	23.94 0.87 -3.37	33.79 1.47 -1.27	53.18 1.47 -20.09	39.72 2.05 0.00	38.60 2.19 0.00	39.56 2.29 0.00	38.10 2.23 -1.68	40.83 2.47 0.00	42.58 2.63 0.00	39.77 2.54 0.00	37.75 2.50 0.00	37.08 2.16 0.00	32.76 1.57 0.00	36.51 1.57 0.00	41.01 1.67 0.00	34.29 1.50 0.00	30.63 1.32 0.00
LINDHRST_69_KV_BK1 356055	55.30 3.04 -20.65	61.04 2.71 -29.99	70.92 2.37 -39.91	64.39 2.11 -36.33	60.10 2.04 -32.81	49.37 2.01 -22.83	52.55 1.97 -28.26	96.24 1.76 -74.78	72.98 2.98 -38.95	97.57 2.86 -63.09	57.48 3.68 -16.12	61.08 3.69 -20.98	54.07 3.81 -12.98	56.38 3.66 -18.52	61.77 3.97 -19.44	49.49 4.18 -5.35	52.59 3.99 -11.37	53.09 3.91 -13.92	63.45 3.52 -25.00	33.82 2.55 -0.09	37.68 2.74 0.00	42.36 3.01 0.00	35.77 2.97 0.00	31.86 2.55 0.00
LIPA_MISC_IPP 23656	55.56 3.30 -20.65	61.46 2.91 -30.21	71.07 2.52 -39.91	64.55 2.27 -36.33	60.26 2.19 -32.81	49.38 2.02 -22.83	52.54 1.95 -28.26	96.26 1.78 -74.78	73.19 3.19 -38.95	97.62 2.92 -63.09	57.75 3.96 -16.12	61.35 3.96 -20.98	54.32 4.06 -12.98	56.62 3.91 -18.52	86.98 4.28 -44.34	49.67 4.36 -5.35	52.80 4.19 -11.38	53.26 4.08 -13.93	63.65 3.72 -25.00	34.96 2.73 -1.04	37.74 2.80 0.00	42.38 3.04 0.00	35.81 3.02 0.00	31.91 2.60 0.00
LISF___SOLAR 323691	55.56 3.30 -20.65	61.53 2.98 -30.21	71.18 2.63 -39.91	64.61 2.33 -36.33	60.32 2.26 -32.81	49.42 2.05 -22.83	52.58 1.99 -28.26	96.29 1.82 -74.78	73.24 3.24 -38.95	97.68 2.98 -63.09	57.83 4.03 -16.12	61.43 4.04 -20.98	54.40 4.14 -12.98	56.71 4.00 -18.52	87.40 4.38 -44.66	49.78 4.47 -5.36	52.90 4.30 -11.38	53.34 4.16 -13.93	63.72 3.80 -25.00	35.04 2.80 -1.05	37.81 2.88 0.00	42.47 3.13 0.00	35.88 3.08 0.00	31.96 2.65 0.00
LITTLE FALLS___HYD 24013	31.48 -0.12 0.00	28.29 -0.05 0.00	28.51 -0.13 0.00	25.81 -0.14 0.00	25.14 -0.11 0.00	24.47 -0.06 0.00	22.17 -0.16 0.00	19.60 -0.10 0.00	30.93 -0.12 0.00	31.51 -0.10 0.00	37.66 -0.02 0.00	36.66 0.25 0.00	37.45 0.17 0.00	34.40 0.21 0.00	38.55 0.19 0.00	40.12 0.16 0.00	37.58 0.36 0.00	35.59 0.33 0.00	35.28 0.35 0.00	31.46 0.27 0.00	35.16 0.23 0.00	39.52 0.18 0.00	32.94 0.14 0.00	29.33 0.02 0.00
LITTLRIV_115KV_TB1 356100	32.02 0.41 0.00	28.63 0.28 0.00	29.08 0.44 0.00	26.39 0.44 0.00	25.64 0.39 0.00	24.87 0.34 0.00	22.67 0.34 0.00	19.88 0.18 0.00	31.30 0.24 0.00	31.92 0.31 0.00	37.89 0.22 0.00	36.42 0.01 0.00	37.28 0.01 0.00	33.83 -0.36 0.00	38.10 -0.26 0.00	39.72 -0.24 0.00	36.86 -0.36 0.00	34.74 -0.52 0.00	34.44 -0.49 0.00	30.94 -0.25 0.00	34.87 -0.07 0.00	39.88 0.53 0.00	33.30 0.51 0.00	29.80 0.49 0.00
LI_NEWBRDGE___DRP 323616	54.61 2.36 -20.65	60.79 2.11 -30.34	70.34 1.79 -39.91	63.88 1.59 -36.33	59.61 1.55 -32.81	48.90 1.54 -22.83	52.11 1.52 -28.26	95.81 1.34 -74.78	72.25 2.25 -38.95	96.84 2.13 -63.09	56.69 2.89 -16.12	60.34 2.95 -20.98	53.28 3.02 -12.98	55.61 2.90 -18.52	58.59 3.16 -17.08	48.62 3.32 -5.35	51.78 3.18 -11.37	52.31 3.13 -13.92	62.67 2.75 -25.00	33.08 1.89 0.00	36.92 1.99 0.00	41.53 2.18 0.00	34.98 2.18 0.00	31.19 1.88 0.00
LOCKPORT_115KV_TB60_63_64 80432	30.96 -0.64 0.00	27.60 -0.74 0.00	28.00 -0.63 0.00	25.41 -0.54 0.00	24.82 -0.44 0.00	23.95 -0.57 0.00	21.91 -0.42 0.00	19.31 -0.39 0.00	30.51 -0.54 0.00	31.57 -0.04 0.00	37.14 -0.53 0.00	35.59 -0.82 0.00	36.19 -1.09 0.00	33.18 -1.01 0.00	36.89 -1.47 0.00	38.39 -1.56 0.00	36.13 -1.09 0.00	34.42 -0.84 0.00	34.05 -0.88 0.00	30.67 -0.52 0.00	34.24 -0.70 0.00	38.69 -0.65 0.00	32.37 -0.43 0.00	29.34 0.03 0.00
LOCKPORT___CC1 323769	30.99 -0.62 0.00	27.60 -0.74 0.00	28.01 -0.63 0.00	25.41 -0.53 0.00	24.82 -0.44 0.00	23.96 -0.57 0.00	21.91 -0.42 0.00	19.30 -0.40 0.00	30.48 -0.57 0.00	31.54 -0.08 0.00	37.08 -0.59 0.00	35.51 -0.90 0.00	36.08 -1.20 0.00	33.04 -1.15 0.00	36.73 -1.63 0.00	38.23 -1.72 0.00	36.01 -1.22 0.00	34.30 -0.95 0.00	33.93 -1.00 0.00	30.56 -0.63 0.00	34.12 -0.82 0.00	38.55 -0.80 0.00	32.26 -0.53 0.00	29.25 -0.06 0.00
LOCKPORT___CC2 323770	30.99 -0.62 0.00	27.60 -0.74 0.00	28.01 -0.63 0.00	25.41 -0.53 0.00	24.82 -0.44 0.00	23.96 -0.57 0.00	21.91 -0.42 0.00	19.30 -0.40 0.00	30.48 -0.57 0.00	31.54 -0.08 0.00	37.08 -0.59 0.00	35.51 -0.90 0.00	36.08 -1.20 0.00	33.04 -1.15 0.00	36.73 -1.63 0.00	38.23 -1.72 0.00	36.01 -1.22 0.00	34.30 -0.95 0.00	33.93 -1.00 0.00	30.56 -0.63 0.00	34.12 -0.82 0.00	38.55 -0.80 0.00	32.26 -0.53 0.00	29.25 -0.06 0.00
LOCKPORT___CC3 323771	30.99 -0.62 0.00	27.60 -0.74 0.00	28.01 -0.63 0.00	25.41 -0.53 0.00	24.82 -0.44 0.00	23.96 -0.57 0.00	21.91 -0.42 0.00	19.30 -0.40 0.00	30.48 -0.57 0.00	31.54 -0.08 0.00	37.08 -0.59 0.00	35.51 -0.90 0.00	36.08 -1.20 0.00	33.04 -1.15 0.00	36.73 -1.63 0.00	38.23 -1.72 0.00	36.01 -1.22 0.00	34.30 -0.95 0.00	33.93 -1.00 0.00	30.56 -0.63 0.00	34.12 -0.82 0.00	38.55 -0.80 0.00	32.26 -0.53 0.00	29.25 -0.06 0.00



LONG_LAKE_PHOENIX 24014	30.87 -0.73 0.00	27.66 -0.67 0.00	27.94 -0.70 0.00	25.31 -0.64 0.00	24.66 -0.60 0.00	23.96 -0.57 0.00	21.84 -0.50 0.00	19.27 -0.43 0.00	30.34 -0.71 0.00	30.91 -0.70 0.00	36.74 -0.93 0.00	35.47 -0.94 0.00	36.32 -0.96 0.00	33.36 -0.83 0.00	37.39 -0.97 0.00	39.00 -0.95 0.00	36.43 -0.80 0.00	34.55 -0.70 0.00	34.25 -0.68 0.00	30.62 -0.57 0.00	34.20 -0.73 0.00	38.46 -0.89 0.00	32.04 -0.76 0.00	28.65 -0.66 0.00
LOVETT___3 23632	33.11 1.50 0.00	29.69 1.35 0.00	29.75 1.11 0.00	26.89 0.95 0.00	26.17 0.91 0.00	25.48 0.95 0.00	23.28 0.94 0.00	-56.31 0.85 76.86	29.23 1.43 3.25	-42.46 1.40 75.48	39.62 1.94 0.00	38.43 2.02 0.00	39.32 2.04 0.00	33.45 2.02 2.75	40.59 2.23 0.00	42.32 2.37 0.00	39.52 2.30 0.00	37.55 2.29 0.00	36.94 2.01 0.00	32.65 1.46 0.00	36.42 1.49 0.00	40.90 1.56 0.00	34.18 1.38 0.00	30.49 1.18 0.00
LOVETT___4 23642	33.11 1.50 0.00	29.69 1.35 0.00	29.75 1.11 0.00	26.89 0.95 0.00	26.17 0.91 0.00	25.48 0.95 0.00	23.28 0.94 0.00	-56.31 0.85 76.86	29.23 1.43 3.25	-42.46 1.40 75.48	39.62 1.94 0.00	38.43 2.02 0.00	39.32 2.04 0.00	33.45 2.02 2.75	40.59 2.23 0.00	42.32 2.37 0.00	39.52 2.30 0.00	37.55 2.29 0.00	36.94 2.01 0.00	32.65 1.46 0.00	36.42 1.49 0.00	40.90 1.56 0.00	34.18 1.38 0.00	30.49 1.18 0.00
LOVETT___5 23593	33.11 1.50 0.00	29.69 1.35 0.00	29.75 1.11 0.00	26.89 0.95 0.00	26.17 0.91 0.00	25.48 0.95 0.00	23.28 0.94 0.00	-56.31 0.85 76.86	29.23 1.43 3.25	-42.46 1.40 75.48	39.62 1.94 0.00	38.43 2.02 0.00	39.32 2.04 0.00	33.45 2.02 2.75	40.59 2.23 0.00	42.32 2.37 0.00	39.52 2.30 0.00	37.55 2.29 0.00	36.94 2.01 0.00	32.65 1.46 0.00	36.42 1.49 0.00	40.90 1.56 0.00	34.18 1.38 0.00	30.49 1.18 0.00
LOWER RAQUET___HYD 24057	31.66 0.05 0.00	28.32 -0.03 0.00	28.73 0.09 0.00	26.07 0.12 0.00	25.32 0.07 0.00	24.58 0.06 0.00	22.38 0.05 0.00	19.60 -0.10 0.00	30.86 -0.19 0.00	31.43 -0.19 0.00	37.32 -0.35 0.00	35.83 -0.58 0.00	36.65 -0.63 0.00	33.19 -1.00 0.00	37.37 -0.99 0.00	38.98 -0.98 0.00	36.17 -1.05 0.00	34.18 -1.07 0.00	33.91 -1.02 0.00	30.44 -0.75 0.00	34.30 -0.63 0.00	39.25 -0.10 0.00	32.88 0.08 0.00	29.47 0.15 0.00
LOWER___HUDSON 24059	33.07 1.47 0.00	29.73 1.39 0.00	29.93 1.29 0.00	27.12 1.17 0.00	26.39 1.14 0.00	25.68 1.15 0.00	23.37 1.03 0.00	33.60 0.93 -12.97	33.11 1.51 -0.55	45.80 1.45 -12.73	39.51 1.83 0.00	38.33 1.92 0.00	39.17 1.89 0.00	36.35 1.70 -0.46	40.21 1.85 0.00	41.70 1.75 0.00	38.95 1.72 0.00	36.99 1.73 0.00	36.58 1.65 0.00	32.59 1.41 0.00	36.53 1.60 0.00	41.03 1.69 0.00	34.32 1.52 0.00	30.67 1.35 0.00
LOWVILLE_115KV_TB2 356335	31.76 0.16 0.00	28.39 0.05 0.00	28.70 0.06 0.00	25.98 0.04 0.00	25.21 -0.04 0.00	24.58 0.05 0.00	22.44 0.10 0.00	19.79 0.09 0.00	31.13 0.07 0.00	31.79 0.17 0.00	37.59 -0.08 0.00	36.00 -0.41 0.00	36.81 -0.46 0.00	33.79 -0.40 0.00	37.88 -0.48 0.00	39.57 -0.39 0.00	36.82 -0.40 0.00	35.06 -0.19 0.00	34.84 -0.09 0.00	31.29 0.09 0.00	35.13 0.19 0.00	39.85 0.50 0.00	33.31 0.51 0.00	29.73 0.41 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	33.54 1.93 0.00	30.05 1.71 0.00	30.26 1.62 0.00	27.39 1.44 0.00	26.67 1.42 0.00	25.98 1.46 0.00	23.70 1.37 0.00	33.26 1.24 -12.32	33.56 1.99 -0.52	45.67 1.95 -12.10	40.05 2.38 0.00	38.85 2.44 0.00	39.70 2.43 0.00	36.79 2.16 -0.44	40.76 2.40 0.00	42.32 2.37 0.00	39.53 2.30 0.00	37.57 2.31 0.00	37.19 2.27 0.00	33.14 1.95 0.00	37.20 2.27 0.00	41.78 2.44 0.00	34.91 2.11 0.00	31.14 1.83 0.00
LUTHERNY_35_KV_BK2 355980	33.58 1.97 0.00	30.03 1.69 0.00	30.25 1.61 0.00	27.39 1.44 0.00	26.67 1.41 0.00	25.98 1.45 0.00	23.71 1.38 0.00	33.28 1.25 -12.32	33.57 2.00 -0.52	45.68 1.97 -12.10	40.05 2.38 0.00	38.87 2.46 0.00	39.79 2.51 0.00	36.85 2.21 -0.44	40.87 2.51 0.00	42.38 2.43 0.00	39.57 2.35 0.00	37.61 2.35 0.00	37.25 2.32 0.00	33.20 2.01 0.00	37.26 2.33 0.00	41.83 2.49 0.00	34.96 2.16 0.00	31.15 1.84 0.00
LWR___OSWEGATCHIE_HYD 23850	31.53 -0.08 0.00	28.20 -0.14 0.00	28.51 -0.12 0.00	25.84 -0.11 0.00	25.09 -0.16 0.00	24.45 -0.08 0.00	22.27 -0.06 0.00	19.53 -0.17 0.00	30.64 -0.42 0.00	31.16 -0.45 0.00	36.88 -0.79 0.00	35.31 -1.10 0.00	36.12 -1.15 0.00	32.95 -1.24 0.00	36.98 -1.38 0.00	38.69 -1.27 0.00	36.20 -1.02 0.00	34.46 -0.79 0.00	34.17 -0.76 0.00	30.70 -0.49 0.00	34.56 -0.37 0.00	39.36 0.02 0.00	32.95 0.15 0.00	29.47 0.15 0.00
LYONS_FALL_HYD 23570	31.99 0.38 0.00	28.60 0.26 0.00	28.93 0.29 0.00	26.20 0.25 0.00	25.47 0.21 0.00	24.77 0.24 0.00	22.60 0.26 0.00	19.95 0.25 0.00	31.41 0.36 0.00	32.10 0.49 0.00	38.07 0.39 0.00	36.59 0.18 0.00	37.45 0.17 0.00	34.39 0.20 0.00	38.59 0.23 0.00	40.24 0.29 0.00	37.52 0.29 0.00	35.62 0.37 0.00	35.38 0.45 0.00	31.71 0.52 0.00	35.53 0.59 0.00	40.11 0.77 0.00	33.45 0.65 0.00	29.84 0.53 0.00
MADISON___COUNTY_LFGE 323628	32.17 0.56 0.00	28.80 0.46 0.00	29.14 0.50 0.00	26.38 0.43 0.00	25.69 0.44 0.00	24.94 0.41 0.00	22.75 0.42 0.00	20.11 0.41 0.00	31.70 0.65 0.00	32.41 0.79 0.00	38.53 0.85 0.00	37.09 0.68 0.00	37.99 0.71 0.00	34.94 0.75 0.00	39.20 0.84 0.00	40.84 0.89 0.00	38.14 0.92 0.00	36.17 0.92 0.00	35.89 0.96 0.00	32.13 0.95 0.00	35.93 1.00 0.00	40.42 1.08 0.00	33.60 0.80 0.00	29.97 0.66 0.00
MALONE___115KV_TB1 356076	31.95 0.35 0.00	28.59 0.25 0.00	28.94 0.30 0.00	26.23 0.28 0.00	25.49 0.23 0.00	24.81 0.29 0.00	22.71 0.38 0.00	20.05 0.36 0.00	31.66 0.61 0.00	32.19 0.57 0.00	38.41 0.73 0.00	36.94 0.53 0.00	37.79 0.51 0.00	34.48 0.29 0.00	38.82 0.46 0.00	40.42 0.46 0.00	37.38 0.16 0.00	35.34 0.08 0.00	35.05 0.13 0.00	31.46 0.27 0.00	35.37 0.43 0.00	40.08 0.74 0.00	33.32 0.52 0.00	29.75 0.44 0.00
MAPLEWOD_115KV_TB3 80458	32.96 1.35 0.00	29.64 1.30 0.00	29.81 1.18 0.00	27.02 1.08 0.00	26.31 1.06 0.00	25.60 1.08 0.00	23.33 0.99 0.00	33.31 0.90 -12.72	33.03 1.44 -0.54	45.48 1.37 -12.49	39.45 1.77 0.00	38.28 1.87 0.00	39.12 1.85 0.00	36.32 1.67 -0.45	40.20 1.84 0.00	41.75 1.80 0.00	39.03 1.81 0.00	37.09 1.83 0.00	36.64 1.72 0.00	32.64 1.45 0.00	36.54 1.61 0.00	41.05 1.71 0.00	34.31 1.51 0.00	30.63 1.32 0.00
MAPLE RIDGE_WT_1 323574	31.46 -0.15 0.00	28.19 -0.15 0.00	28.51 -0.12 0.00	25.85 -0.10 0.00	25.13 -0.12 0.00	24.38 -0.15 0.00	22.22 -0.12 0.00	19.61 -0.09 0.00	30.91 -0.14 0.00	31.52 -0.09 0.00	37.45 -0.22 0.00	36.13 -0.29 0.00	37.00 -0.28 0.00	33.97 -0.22 0.00	38.16 -0.20 0.00	39.79 -0.16 0.00	37.04 -0.19 0.00	35.07 -0.18 0.00	34.76 -0.17 0.00	31.07 -0.12 0.00	34.82 -0.11 0.00	39.27 -0.08 0.00	32.72 -0.08 0.00	29.24 -0.08 0.00



MAPLE_RIDGE_WT_2 323611	31.46 -0.15 0.00	28.19 -0.15 0.00	28.51 -0.12 0.00	25.85 -0.10 0.00	25.13 -0.12 0.00	24.38 -0.15 0.00	22.22 -0.12 0.00	19.61 -0.09 0.00	30.91 -0.14 0.00	31.52 -0.09 0.00	37.45 -0.22 0.00	36.13 -0.29 0.00	37.00 -0.28 0.00	33.97 -0.22 0.00	38.16 -0.20 0.00	39.79 -0.16 0.00	37.04 -0.19 0.00	35.07 -0.18 0.00	34.76 -0.17 0.00	31.07 -0.12 0.00	34.82 -0.11 0.00	39.27 -0.08 0.00	32.72 -0.08 0.00	29.24 -0.08 0.00
MARBLE_RIVER_WT_PWR 323696	31.69 0.08 0.00	28.40 0.06 0.00	28.74 0.10 0.00	26.04 0.09 0.00	25.30 0.04 0.00	24.67 0.14 0.00	22.59 0.26 0.00	19.99 0.29 0.00	31.54 0.49 0.00	31.98 0.36 0.00	38.21 0.54 0.00	36.85 0.43 0.00	37.65 0.37 0.00	34.43 0.24 0.00	38.81 0.45 0.00	40.29 0.34 0.00	37.31 0.09 0.00	35.28 0.02 0.00	35.01 0.09 0.00	31.36 0.17 0.00	35.21 0.28 0.00	39.82 0.48 0.00	33.05 0.25 0.00	29.52 0.20 0.00
MARSHVLE_115KV_TB1 80742	33.94 2.33 0.00	30.38 2.04 0.00	30.65 2.01 0.00	27.71 1.76 0.00	27.00 1.75 0.00	26.32 1.79 0.00	24.07 1.74 0.00	30.13 1.59 -8.84	33.90 2.47 -0.37	42.74 2.45 -8.68	40.39 2.72 0.00	38.66 2.25 0.00	39.64 2.36 0.00	36.61 2.10 -0.32	40.75 2.40 0.00	42.60 2.65 0.00	40.03 2.81 0.00	37.91 2.65 0.00	37.74 2.81 0.00	33.79 2.59 0.00	37.92 2.99 0.00	42.89 3.54 0.00	35.62 2.82 0.00	31.82 2.51 0.00
MARSH_HILL_WT_PWR 323713	31.30 -0.30 0.00	27.91 -0.44 0.00	28.28 -0.36 0.00	25.66 -0.28 0.00	25.20 -0.06 0.00	24.56 0.03 0.00	22.42 0.08 0.00	20.01 0.31 0.00	31.80 0.75 0.00	32.63 1.01 0.00	38.73 1.06 0.00	37.23 0.82 0.00	38.12 0.84 0.00	35.01 0.82 0.00	39.05 0.68 0.00	40.59 0.63 0.00	37.78 0.56 0.00	35.91 0.65 0.00	35.55 0.62 0.00	31.85 0.66 0.00	35.53 0.59 0.00	40.17 0.82 0.00	33.35 0.55 0.00	29.89 0.58 0.00
MCINTYRE_115KV_TB2 80467	32.22 0.62 0.00	28.81 0.47 0.00	29.25 0.61 0.00	26.55 0.61 0.00	25.81 0.56 0.00	25.06 0.53 0.00	22.86 0.52 0.00	20.07 0.37 0.00	31.60 0.55 0.00	32.15 0.53 0.00	38.16 0.49 0.00	36.74 0.33 0.00	37.62 0.34 0.00	34.19 0.00 0.00	38.49 0.13 0.00	40.12 0.16 0.00	37.24 0.01 0.00	35.11 -0.14 0.00	34.82 -0.10 0.00	31.31 0.12 0.00	35.31 0.38 0.00	40.30 0.95 0.00	33.58 0.78 0.00	30.00 0.69 0.00
MECO____69_KV_BK1 80468	34.67 3.06 0.00	31.08 2.74 0.00	31.56 2.92 0.00	28.51 2.56 0.00	27.78 2.52 0.00	26.77 2.25 0.00	24.51 2.18 0.00	31.50 1.97 -9.82	34.45 2.98 -0.42	44.57 3.30 -9.65	41.47 3.80 0.00	39.35 2.94 0.00	40.54 3.27 0.00	37.21 2.67 -0.35	41.03 2.67 0.00	43.42 3.47 0.00	41.30 4.08 0.00	38.91 3.65 0.00	38.46 3.53 0.00	34.63 3.43 0.00	38.87 3.93 0.00	43.89 4.55 0.00	36.34 3.54 0.00	32.38 3.07 0.00
MENANDS__115KV_TB5 355628	32.67 1.06 0.00	29.39 1.05 0.00	29.56 0.92 0.00	26.82 0.87 0.00	26.10 0.85 0.00	25.40 0.88 0.00	23.13 0.79 0.00	33.28 0.72 -12.86	32.72 1.13 -0.54	45.30 1.05 -12.63	39.06 1.38 0.00	37.90 1.49 0.00	38.77 1.49 0.00	35.97 1.32 -0.46	39.79 1.43 0.00	41.33 1.37 0.00	38.59 1.36 0.00	36.66 1.40 0.00	36.20 1.28 0.00	32.24 1.05 0.00	36.11 1.17 0.00	40.55 1.21 0.00	33.93 1.13 0.00	30.31 1.00 0.00
MG INDUSTRY___DRP 24185	32.74 1.14 0.00	29.47 1.13 0.00	29.69 1.05 0.00	26.91 0.97 0.00	26.19 0.93 0.00	25.46 0.93 0.00	23.17 0.83 0.00	32.45 0.73 -12.02	32.69 1.13 -0.51	44.50 1.08 -11.80	39.04 1.37 0.00	37.85 1.44 0.00	38.71 1.43 0.00	35.90 1.28 -0.43	39.75 1.40 0.00	41.29 1.33 0.00	38.56 1.34 0.00	36.64 1.38 0.00	36.22 1.29 0.00	32.29 1.10 0.00	36.15 1.21 0.00	40.65 1.31 0.00	33.99 1.19 0.00	30.36 1.05 0.00
MID___OSWEGATCHIE_HYD 23849	31.53 -0.08 0.00	28.20 -0.14 0.00	28.51 -0.12 0.00	25.84 -0.11 0.00	25.09 -0.16 0.00	24.45 -0.08 0.00	22.27 -0.06 0.00	19.53 -0.17 0.00	30.64 -0.42 0.00	31.16 -0.45 0.00	36.88 -0.79 0.00	35.31 -1.10 0.00	36.12 -1.15 0.00	32.95 -1.24 0.00	36.98 -1.38 0.00	38.69 -1.27 0.00	36.20 -1.02 0.00	34.46 -0.79 0.00	34.17 -0.76 0.00	30.70 -0.49 0.00	34.56 -0.37 0.00	39.36 0.02 0.00	32.95 0.15 0.00	29.47 0.15 0.00
MID___RAQUETTE_HYD 23851	31.65 0.04 0.00	28.32 -0.02 0.00	28.73 0.09 0.00	26.06 0.12 0.00	25.32 0.07 0.00	24.58 0.06 0.00	22.38 0.05 0.00	19.60 -0.10 0.00	30.86 -0.19 0.00	31.43 -0.19 0.00	37.33 -0.34 0.00	35.83 -0.58 0.00	36.65 -0.63 0.00	33.19 -1.00 0.00	37.36 -0.99 0.00	38.98 -0.98 0.00	36.17 -1.05 0.00	34.18 -1.07 0.00	33.91 -1.02 0.00	30.44 -0.75 0.00	34.30 -0.63 0.00	39.25 -0.09 0.00	32.88 0.08 0.00	29.47 0.15 0.00
MILLIKEN___1 23584	32.01 0.41 0.00	28.65 0.30 0.00	28.98 0.34 0.00	26.24 0.29 0.00	25.60 0.34 0.00	24.88 0.35 0.00	22.67 0.34 0.00	20.06 0.36 0.00	31.59 0.54 0.00	32.19 0.57 0.00	38.28 0.61 0.00	36.89 0.48 0.00	37.74 0.46 0.00	34.66 0.47 0.00	38.84 0.48 0.00	40.52 0.56 0.00	37.90 0.68 0.00	36.03 0.77 0.00	35.82 0.89 0.00	32.04 0.85 0.00	35.79 0.86 0.00	40.21 0.87 0.00	33.48 0.68 0.00	29.91 0.60 0.00
MILLIKEN___2 23585	32.01 0.41 0.00	28.65 0.30 0.00	28.98 0.34 0.00	26.24 0.29 0.00	25.60 0.34 0.00	24.88 0.35 0.00	22.67 0.34 0.00	20.06 0.36 0.00	31.59 0.54 0.00	32.19 0.57 0.00	38.28 0.61 0.00	36.89 0.48 0.00	37.74 0.46 0.00	34.66 0.47 0.00	38.84 0.48 0.00	40.52 0.56 0.00	37.90 0.68 0.00	36.03 0.77 0.00	35.82 0.89 0.00	32.04 0.85 0.00	35.79 0.86 0.00	40.21 0.87 0.00	33.48 0.68 0.00	29.91 0.60 0.00
MILLIKEN___DIESEL 23629	32.01 0.41 0.00	28.65 0.30 0.00	28.98 0.34 0.00	26.24 0.29 0.00	25.60 0.34 0.00	24.88 0.35 0.00	22.67 0.34 0.00	20.06 0.36 0.00	31.59 0.54 0.00	32.19 0.57 0.00	38.28 0.61 0.00	36.89 0.48 0.00	37.74 0.46 0.00	34.66 0.47 0.00	38.84 0.48 0.00	40.52 0.56 0.00	37.90 0.68 0.00	36.03 0.77 0.00	35.82 0.89 0.00	32.04 0.85 0.00	35.79 0.86 0.00	40.21 0.87 0.00	33.48 0.68 0.00	29.91 0.60 0.00
MILLSEAT___LFGE 323607	31.50 -0.11 0.00	28.04 -0.29 0.00	28.43 -0.21 0.00	25.79 -0.16 0.00	25.18 -0.07 0.00	24.35 -0.18 0.00	22.29 -0.05 0.00	19.65 -0.05 0.00	31.03 -0.02 0.00	32.03 0.41 0.00	37.68 0.01 0.00	36.17 -0.24 0.00	36.83 -0.45 0.00	33.81 -0.38 0.00	37.67 -0.69 0.00	39.23 -0.72 0.00	36.94 -0.29 0.00	35.16 -0.09 0.00	34.87 -0.06 0.00	31.43 0.24 0.00	35.07 0.14 0.00	39.60 0.25 0.00	33.06 0.27 0.00	29.87 0.56 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.25 1.64 0.00	29.80 1.46 0.00	29.86 1.22 0.00	27.00 1.05 0.00	26.27 1.02 0.00	25.58 1.05 0.00	23.38 1.05 0.00	81.30 0.94 -60.66	35.19 1.57 -2.56	92.74 1.55 -59.57	39.79 2.12 0.00	38.64 2.22 0.00	39.57 2.30 0.00	38.60 2.24 -2.17	40.84 2.49 0.00	42.57 2.62 0.00	39.75 2.53 0.00	37.76 2.50 0.00	37.16 2.23 0.00	32.86 1.67 0.00	36.65 1.71 0.00	41.17 1.82 0.00	34.42 1.62 0.00	30.72 1.40 0.00



MILLWOOD_13_KV_LOAD 356217	33.33 1.72 0.00	29.88 1.54 0.00	29.93 1.30 0.00	27.06 1.11 0.00	26.33 1.08 0.00	25.64 1.11 0.00	23.44 1.10 0.00	81.34 0.98 -60.66	35.28 1.66 -2.56	92.83 1.64 -59.57	39.91 2.24 0.00	38.76 2.35 0.00	39.70 2.42 0.00	38.72 2.36 -2.17	40.98 2.62 0.00	42.71 2.76 0.00	39.90 2.68 0.00	37.90 2.64 0.00	37.30 2.37 0.00	32.97 1.78 0.00	36.77 1.84 0.00	41.31 1.97 0.00	34.52 1.72 0.00	30.81 1.49 0.00
MODEL_CITY_ENERGY 24167	30.68 -0.93 0.00	27.31 -1.03 0.00	27.72 -0.92 0.00	25.15 -0.79 0.00	24.56 -0.69 0.00	23.70 -0.83 0.00	21.67 -0.67 0.00	19.09 -0.60 0.00	30.20 -0.85 0.00	31.25 -0.37 0.00	36.76 -0.92 0.00	35.28 -1.13 0.00	35.88 -1.40 0.00	32.91 -1.28 0.00	36.60 -1.76 0.00	38.07 -1.89 0.00	35.81 -1.42 0.00	34.11 -1.15 0.00	33.74 -1.18 0.00	30.41 -0.78 0.00	33.93 -1.01 0.00	38.35 -0.99 0.00	32.11 -0.68 0.00	29.12 -0.20 0.00
MODERN_LFGE_ 323580	30.68 -0.93 0.00	27.31 -1.03 0.00	27.72 -0.92 0.00	25.15 -0.79 0.00	24.56 -0.69 0.00	23.70 -0.83 0.00	21.67 -0.67 0.00	19.09 -0.60 0.00	30.20 -0.85 0.00	31.25 -0.37 0.00	36.76 -0.92 0.00	35.28 -1.13 0.00	35.88 -1.40 0.00	32.91 -1.28 0.00	36.60 -1.76 0.00	38.07 -1.89 0.00	35.81 -1.42 0.00	34.11 -1.15 0.00	33.74 -1.18 0.00	30.41 -0.78 0.00	33.93 -1.01 0.00	38.35 -0.99 0.00	32.11 -0.68 0.00	29.12 -0.20 0.00
MOHAWK_PAPER__DRP 24187	32.96 1.35 0.00	29.64 1.30 0.00	29.81 1.18 0.00	27.02 1.08 0.00	26.31 1.06 0.00	25.60 1.08 0.00	23.33 0.99 0.00	33.31 0.90 -12.72	33.03 1.44 -0.54	45.48 1.37 -12.49	39.45 1.77 0.00	38.28 1.87 0.00	39.12 1.85 0.00	36.32 1.67 -0.45	40.20 1.84 0.00	41.75 1.80 0.00	39.03 1.81 0.00	37.09 1.83 0.00	36.64 1.72 0.00	32.64 1.45 0.00	36.54 1.61 0.00	41.05 1.71 0.00	34.31 1.51 0.00	30.63 1.32 0.00
MOHICAN__35_KV_115KV_LD 80490	33.69 2.08 0.00	30.09 1.75 0.00	30.30 1.66 0.00	27.45 1.50 0.00	26.73 1.48 0.00	26.08 1.55 0.00	23.87 1.53 0.00	33.36 1.38 -12.28	33.81 2.24 -0.52	45.88 2.20 -12.06	40.27 2.59 0.00	39.08 2.67 0.00	39.82 2.54 0.00	36.79 2.16 -0.44	40.75 2.39 0.00	42.34 2.39 0.00	39.55 2.32 0.00	37.56 2.30 0.00	37.31 2.39 0.00	33.20 2.00 0.00	37.41 2.48 0.00	42.03 2.68 0.00	35.14 2.34 0.00	31.38 2.07 0.00
MONGAUP__HYD 23641	33.20 1.59 0.00	29.71 1.37 0.00	29.87 1.23 0.00	27.02 1.08 0.00	26.28 1.03 0.00	25.50 0.97 0.00	23.28 0.95 0.00	-25.87 0.85 46.41	30.45 1.36 1.96	-12.56 1.41 45.58	39.48 1.80 0.00	38.25 1.84 0.00	39.16 1.89 0.00	34.35 1.82 1.66	40.35 1.99 0.00	41.98 2.02 0.00	38.92 1.70 0.00	36.98 1.72 0.00	36.59 1.66 0.00	32.77 1.58 0.00	36.65 1.71 0.00	41.48 2.14 0.00	34.72 1.93 0.00	30.73 1.41 0.00
MONTAUK__DIESEL 23721	57.06 4.80 -20.65	62.73 4.18 -30.21	72.28 3.73 -39.91	65.62 3.34 -36.33	61.31 3.25 -32.81	50.39 3.03 -22.83	53.51 2.93 -28.26	97.15 2.67 -74.78	74.75 4.75 -38.95	99.29 4.59 -63.09	59.89 6.09 -16.12	63.51 6.12 -20.98	56.64 6.39 -12.98	58.79 6.08 -18.52	89.65 6.81 -44.48	52.23 6.92 -5.35	55.19 6.59 -11.38	55.54 6.36 -13.93	65.89 5.96 -25.00	36.96 4.72 -1.04	39.96 5.02 0.00	44.74 5.39 0.00	37.66 4.86 0.00	33.43 4.12 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.09 0.49 0.00	28.62 0.28 0.00	29.07 0.43 0.00	26.33 0.39 0.00	25.76 0.51 0.00	24.97 0.45 0.00	22.93 0.60 0.00	20.39 0.69 0.00	32.36 1.31 0.00	33.41 1.80 0.00	39.61 1.93 0.00	38.18 1.77 0.00	38.87 1.59 0.00	35.59 1.40 0.00	39.75 1.39 0.00	41.34 1.38 0.00	38.73 1.50 0.00	36.92 1.66 0.00	36.45 1.53 0.00	32.63 1.44 0.00	36.33 1.40 0.00	41.00 1.66 0.00	34.10 1.30 0.00	30.67 1.36 0.00
MORTIMER_115KV_TB3 55949	31.30 -0.30 0.00	27.98 -0.36 0.00	28.29 -0.35 0.00	25.65 -0.30 0.00	25.01 -0.24 0.00	24.26 -0.27 0.00	22.18 -0.15 0.00	19.59 -0.10 0.00	30.93 -0.12 0.00	31.77 0.15 0.00	37.62 -0.05 0.00	36.25 -0.16 0.00	37.10 -0.18 0.00	34.09 -0.09 0.00	38.05 -0.31 0.00	39.67 -0.29 0.00	37.15 -0.08 0.00	35.31 0.06 0.00	35.01 0.08 0.00	31.41 0.22 0.00	35.03 0.10 0.00	39.52 0.18 0.00	32.97 0.17 0.00	29.65 0.34 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.41 1.80 0.00	29.93 1.59 0.00	29.97 1.33 0.00	27.10 1.15 0.00	26.37 1.11 0.00	25.68 1.15 0.00	23.50 1.17 0.00	75.54 1.04 -54.80	35.11 1.74 -2.32	87.16 1.73 -53.82	40.01 2.34 0.00	38.87 2.46 0.00	39.83 2.55 0.00	38.64 2.48 -1.96	41.12 2.76 0.00	42.87 2.92 0.00	40.03 2.81 0.00	38.01 2.76 0.00	37.37 2.45 0.00	33.03 1.84 0.00	36.79 1.86 0.00	41.33 1.99 0.00	34.57 1.78 0.00	30.87 1.56 0.00
MUNSVILLE_WIND_PWR 323609	33.59 1.99 0.00	30.03 1.69 0.00	30.40 1.77 0.00	27.52 1.57 0.00	26.88 1.63 0.00	26.14 1.61 0.00	23.94 1.61 0.00	21.22 1.52 0.00	33.42 2.37 0.00	34.09 2.47 0.00	40.45 2.78 0.00	38.76 2.35 0.00	39.80 2.53 0.00	36.52 2.33 0.00	41.07 2.72 0.00	42.80 2.85 0.00	40.16 2.93 0.00	38.24 2.98 0.00	38.10 3.17 0.00	34.17 2.98 0.00	38.04 3.11 0.00	42.76 3.41 0.00	35.48 2.69 0.00	31.53 2.22 0.00
N SALMON__HYD 24042	31.94 0.33 0.00	28.59 0.25 0.00	28.95 0.31 0.00	26.23 0.28 0.00	25.49 0.23 0.00	24.81 0.29 0.00	22.71 0.38 0.00	20.05 0.36 0.00	31.66 0.61 0.00	32.19 0.57 0.00	38.41 0.74 0.00	36.94 0.53 0.00	37.79 0.51 0.00	34.48 0.29 0.00	38.82 0.46 0.00	40.42 0.46 0.00	37.39 0.16 0.00	35.34 0.08 0.00	35.05 0.13 0.00	31.46 0.27 0.00	35.37 0.43 0.00	40.08 0.74 0.00	33.32 0.52 0.00	29.75 0.44 0.00
N.AKRON__115KV_KNAPP 355671	31.38 -0.22 0.00	27.97 -0.37 0.00	28.37 -0.27 0.00	25.73 -0.22 0.00	25.12 -0.13 0.00	24.28 -0.25 0.00	22.22 -0.11 0.00	19.59 -0.11 0.00	30.95 -0.09 0.00	32.00 0.38 0.00	37.65 -0.03 0.00	36.12 -0.29 0.00	36.75 -0.52 0.00	33.73 -0.46 0.00	37.54 -0.82 0.00	39.09 -0.86 0.00	36.81 -0.42 0.00	35.03 -0.23 0.00	34.70 -0.23 0.00	31.26 0.07 0.00	34.89 -0.05 0.00	39.42 0.07 0.00	32.92 0.12 0.00	29.78 0.47 0.00
N.BELMOR_69_KV_BK1 55787	54.77 2.51 -20.65	60.08 2.23 -29.51	70.48 1.93 -39.91	63.99 1.71 -36.33	59.71 1.65 -32.81	49.00 1.64 -22.83	52.25 1.66 -28.26	95.94 1.46 -74.78	72.36 2.36 -38.95	96.96 2.25 -63.09	56.77 2.98 -16.12	60.46 3.07 -20.98	53.44 3.18 -12.98	55.77 3.06 -18.52	58.80 3.36 -17.08	48.86 3.55 -5.35	52.01 3.41 -11.37	52.52 3.34 -13.92	62.91 2.99 -25.00	33.36 2.17 0.00	37.23 2.30 0.00	41.87 2.52 0.00	35.26 2.47 0.00	31.44 2.13 0.00
N.E_GEN_SANDY PD 24062	37.56 1.46 -4.50	35.61 1.38 -5.89	34.26 1.24 -4.39	32.67 1.10 -5.62	31.45 1.08 -5.12	31.45 1.09 -5.84	31.38 1.01 -8.03	49.14 0.90 -28.54	39.65 1.47 -7.13	53.13 1.37 -20.14	39.92 1.83 -0.42	41.38 1.94 -3.03	40.82 1.97 -1.58	39.98 1.84 -3.96	41.84 1.99 -1.49	41.88 1.92 0.00	39.42 1.89 -0.30	37.16 1.90 0.00	40.47 1.74 -3.80	39.91 1.39 -7.32	41.27 1.49 -4.84	46.82 1.62 -5.86	37.20 1.48 -2.92	33.87 1.32 -3.24



N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.15 1.55 0.00	29.73 1.39 0.00	29.78 1.15 0.00	26.93 0.98 0.00	26.20 0.95 0.00	25.51 0.98 0.00	23.30 0.97 0.00	-54.87 0.87 75.43	29.33 1.47 3.19	-41.01 1.45 74.08	39.69 2.01 0.00	38.52 2.11 0.00	39.42 2.14 0.00	33.58 2.10 2.70	40.69 2.33 0.00	42.44 2.49 0.00	39.64 2.42 0.00	37.65 2.39 0.00	37.03 2.11 0.00	32.73 1.54 0.00	36.51 1.57 0.00	41.00 1.66 0.00	34.25 1.45 0.00	30.55 1.24 0.00
N.QUEENS_27_KV_LOAD 356247	33.41 1.80 0.00	29.98 1.64 0.00	29.95 1.31 0.00	27.09 1.14 0.00	26.36 1.11 0.00	25.70 1.17 0.00	23.55 1.22 0.00	75.56 1.05 -54.81	35.11 1.74 -2.32	87.13 1.68 -53.83	39.91 2.23 0.00	38.82 2.41 0.00	39.81 2.53 0.00	38.61 2.46 -1.96	41.17 2.81 0.00	42.87 2.92 0.00	40.06 2.84 0.00	38.00 2.74 0.00	37.29 2.37 0.00	32.97 1.77 0.00	36.66 1.73 0.00	41.28 1.93 0.00	34.58 1.78 0.00	30.90 1.59 0.00
N.TROY___115KV_TB1 355778	33.08 1.47 0.00	29.73 1.39 0.00	29.93 1.29 0.00	27.12 1.17 0.00	26.40 1.14 0.00	25.68 1.15 0.00	23.37 1.03 0.00	33.60 0.93 -12.97	33.11 1.51 -0.55	45.80 1.45 -12.73	39.51 1.83 0.00	38.33 1.92 0.00	39.17 1.90 0.00	36.36 1.70 -0.46	40.21 1.85 0.00	41.70 1.75 0.00	38.95 1.72 0.00	36.99 1.73 0.00	36.58 1.65 0.00	32.60 1.41 0.00	36.53 1.60 0.00	41.03 1.69 0.00	34.32 1.52 0.00	30.66 1.35 0.00
NARROWS_GT1_1 24228	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
NARROWS_GT1_2 24229	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
NARROWS_GT1_3 24230	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
NARROWS_GT1_4 24231	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
NARROWS_GT1_5 24232	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
NARROWS_GT1_6 24233	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
NARROWS_GT1_7 24234	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
NARROWS_GT1_8 24235	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
NARROWS_GT2_1 24236	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
NARROWS_GT2_2 24237	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
NARROWS_GT2_3 24238	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
NARROWS_GT2_4 24239	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00



NARROWS_GT2_5 24240	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
NARROWS_GT2_6 24241	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
NARROWS_GT2_7 24242	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
NARROWS_GT2_8 24243	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.39 0.00	38.95 2.54 0.00	39.96 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.02 3.06 0.00	40.19 2.96 0.00	38.13 2.88 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.03 1.71 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	33.16 1.55 0.00	29.82 1.48 0.00	30.00 1.36 0.00	27.21 1.27 0.00	26.49 1.24 0.00	25.83 1.30 0.00	23.53 1.20 0.00	31.39 1.09 -10.59	33.18 1.69 -0.45	43.58 1.56 -10.40	39.49 1.81 0.00	38.33 1.92 0.00	39.17 1.90 0.00	36.21 1.64 -0.38	40.21 1.85 0.00	41.75 1.80 0.00	39.08 1.86 0.00	37.24 1.99 0.00	36.88 1.95 0.00	33.00 1.81 0.00	37.00 2.07 0.00	41.66 2.32 0.00	34.76 1.97 0.00	31.00 1.68 0.00
NCHELSEA_115KV_TR2 355582	33.49 1.88 0.00	30.01 1.67 0.00	30.09 1.45 0.00	27.20 1.25 0.00	26.47 1.21 0.00	25.77 1.24 0.00	23.55 1.22 0.00	31.25 1.14 -10.41	33.38 1.89 -0.44	43.70 1.87 -10.22	40.15 2.48 0.00	39.02 2.61 0.00	40.00 2.72 0.00	37.19 2.63 -0.37	41.26 2.90 0.00	43.04 3.09 0.00	40.24 3.01 0.00	38.23 2.97 0.00	37.67 2.74 0.00	33.35 2.17 0.00	37.19 2.25 0.00	41.78 2.44 0.00	34.87 2.07 0.00	31.09 1.78 0.00
NEG CAPITAL___MECHNVIL 23645	33.57 1.96 0.00	30.11 1.77 0.00	30.31 1.68 0.00	27.44 1.49 0.00	26.72 1.47 0.00	26.02 1.49 0.00	23.73 1.40 0.00	33.49 1.26 -12.53	33.61 2.03 -0.53	45.93 2.02 -12.31	40.16 2.48 0.00	38.94 2.53 0.00	39.79 2.51 0.00	36.90 2.26 -0.45	40.89 2.53 0.00	42.44 2.48 0.00	39.66 2.43 0.00	37.68 2.43 0.00	37.30 2.37 0.00	33.23 2.04 0.00	37.26 2.32 0.00	41.85 2.50 0.00	34.95 2.15 0.00	31.18 1.87 0.00
NEG CENTRAL_HIGH_ACRES 23767	30.75 -0.86 0.00	27.46 -0.88 0.00	27.79 -0.85 0.00	25.19 -0.76 0.00	24.57 -0.68 0.00	23.83 -0.69 0.00	21.79 -0.55 0.00	19.17 -0.52 0.00	30.27 -0.78 0.00	31.11 -0.50 0.00	36.87 -0.81 0.00	35.52 -0.89 0.00	36.37 -0.90 0.00	33.44 -0.75 0.00	37.51 -0.85 0.00	39.14 -0.82 0.00	36.67 -0.55 0.00	34.85 -0.40 0.00	34.59 -0.33 0.00	30.99 -0.20 0.00	34.53 -0.40 0.00	38.88 -0.47 0.00	32.39 -0.40 0.00	29.07 -0.25 0.00
NEG CENTRAL___DRP 24199	31.45 -0.15 0.00	28.14 -0.20 0.00	28.48 -0.16 0.00	25.80 -0.15 0.00	25.20 -0.06 0.00	24.52 -0.01 0.00	22.41 0.07 0.00	20.02 0.32 0.00	31.51 0.47 0.00	32.04 0.42 0.00	38.14 0.47 0.00	36.72 0.31 0.00	37.59 0.31 0.00	34.53 0.34 0.00	38.39 0.02 0.00	40.02 0.07 0.00	37.43 0.21 0.00	35.58 0.33 0.00	35.33 0.40 0.00	31.60 0.41 0.00	35.24 0.30 0.00	39.62 0.28 0.00	32.99 0.19 0.00	29.57 0.26 0.00
NEG CENTRAL___INDECK 23768	31.27 -0.34 0.00	27.92 -0.42 0.00	28.12 -0.52 0.00	25.47 -0.48 0.00	24.94 -0.31 0.00	24.42 -0.11 0.00	22.35 0.02 0.00	19.76 0.06 0.00	31.10 0.04 0.00	31.52 -0.10 0.00	37.27 -0.40 0.00	35.89 -0.53 0.00	36.71 -0.56 0.00	33.70 -0.49 0.00	37.24 -1.12 0.00	38.20 -1.75 0.00	35.13 -2.09 0.00	33.83 -1.43 0.00	33.56 -1.37 0.00	30.32 -0.87 0.00	34.18 -0.76 0.00	39.87 0.53 0.00	33.29 0.49 0.00	29.87 0.56 0.00
NEG CENTRAL___SENECA 23627	31.51 -0.10 0.00	28.19 -0.14 0.00	28.55 -0.08 0.00	25.89 -0.06 0.00	25.30 0.05 0.00	24.58 0.05 0.00	22.52 0.18 0.00	20.28 0.58 0.00	31.90 0.85 0.00	32.39 0.78 0.00	38.59 0.92 0.00	37.10 0.69 0.00	37.98 0.70 0.00	34.88 0.69 0.00	38.59 0.23 0.00	40.27 0.31 0.00	37.67 0.45 0.00	35.78 0.53 0.00	35.53 0.60 0.00	31.77 0.58 0.00	35.42 0.49 0.00	39.87 0.52 0.00	33.15 0.36 0.00	29.77 0.46 0.00
NEG CENTRAL___STATE_STREET 24147	31.83 0.23 0.00	28.44 0.10 0.00	28.71 0.07 0.00	25.99 0.05 0.00	25.39 0.14 0.00	24.82 0.30 0.00	22.59 0.25 0.00	19.98 0.28 0.00	31.44 0.39 0.00	31.85 0.24 0.00	37.87 0.20 0.00	36.54 0.13 0.00	37.44 0.16 0.00	34.38 0.20 0.00	38.51 0.15 0.00	40.16 0.21 0.00	37.55 0.33 0.00	35.88 0.63 0.00	35.73 0.80 0.00	31.95 0.75 0.00	35.65 0.72 0.00	39.95 0.61 0.00	33.33 0.53 0.00	29.83 0.52 0.00
NEG MILLWOOD___DRP 24198	33.63 2.02 0.00	30.12 1.78 0.00	30.18 1.54 0.00	27.29 1.34 0.00	26.55 1.30 0.00	25.86 1.33 0.00	23.65 1.32 0.00	43.31 1.20 -22.41	33.99 1.99 -0.95	55.61 1.99 -22.01	40.31 2.64 0.00	39.16 2.75 0.00	40.14 2.87 0.00	37.75 2.77 -0.79	41.44 3.08 0.00	43.22 3.27 0.00	40.40 3.17 0.00	38.40 3.15 0.00	37.82 2.89 0.00	33.46 2.27 0.00	37.28 2.35 0.00	41.88 2.54 0.00	34.96 2.16 0.00	31.16 1.85 0.00
NEG NORTH_FLCN_SEA 23793	32.00 0.40 0.00	28.63 0.29 0.00	28.97 0.33 0.00	26.25 0.30 0.00	25.52 0.26 0.00	24.92 0.39 0.00	22.85 0.52 0.00	20.24 0.54 0.00	31.93 0.88 0.00	32.36 0.75 0.00	38.69 1.01 0.00	37.30 0.89 0.00	38.09 0.81 0.00	34.83 0.64 0.00	39.22 0.86 0.00	40.71 0.75 0.00	37.72 0.49 0.00	35.67 0.42 0.00	35.41 0.48 0.00	31.71 0.52 0.00	35.59 0.65 0.00	40.23 0.88 0.00	33.42 0.63 0.00	29.84 0.53 0.00
NEG NORTH_KES_CHATEGAY 23792	31.76 0.15 0.00	28.44 0.10 0.00	28.77 0.13 0.00	26.08 0.13 0.00	25.32 0.07 0.00	24.68 0.15 0.00	22.61 0.28 0.00	20.00 0.30 0.00	31.56 0.50 0.00	32.00 0.39 0.00	38.22 0.54 0.00	36.83 0.41 0.00	37.65 0.37 0.00	34.42 0.23 0.00	38.81 0.45 0.00	40.27 0.32 0.00	37.27 0.05 0.00	35.26 0.01 0.00	35.00 0.08 0.00	31.37 0.17 0.00	35.24 0.31 0.00	39.84 0.50 0.00	33.05 0.26 0.00	29.52 0.20 0.00



NEG NORTH___ALICE_FALLS 23915	32.01 0.41 0.00	28.63 0.29 0.00	28.96 0.33 0.00	26.25 0.30 0.00	25.50 0.25 0.00	24.90 0.37 0.00	22.85 0.51 0.00	20.23 0.53 0.00	31.93 0.88 0.00	32.39 0.77 0.00	38.69 1.01 0.00	37.31 0.90 0.00	38.10 0.83 0.00	34.83 0.65 0.00	39.28 0.92 0.00	40.74 0.79 0.00	37.74 0.51 0.00	35.70 0.45 0.00	35.44 0.52 0.00	31.77 0.58 0.00	35.66 0.73 0.00	40.32 0.98 0.00	33.47 0.67 0.00	29.86 0.55 0.00
NEG NORTH___LWR_SARANAC 23913	32.01 0.41 0.00	28.63 0.29 0.00	28.96 0.33 0.00	26.25 0.30 0.00	25.50 0.25 0.00	24.90 0.37 0.00	22.85 0.51 0.00	20.23 0.53 0.00	31.93 0.88 0.00	32.39 0.77 0.00	38.69 1.01 0.00	37.31 0.90 0.00	38.10 0.83 0.00	34.83 0.65 0.00	39.28 0.92 0.00	40.74 0.79 0.00	37.74 0.51 0.00	35.70 0.45 0.00	35.44 0.52 0.00	31.77 0.58 0.00	35.66 0.73 0.00	40.32 0.98 0.00	33.47 0.67 0.00	29.86 0.55 0.00
NEG NORTH___PLATTSBURG 23628	31.99 0.38 0.00	28.64 0.30 0.00	28.98 0.34 0.00	26.25 0.30 0.00	25.50 0.25 0.00	24.90 0.37 0.00	22.85 0.51 0.00	20.23 0.53 0.00	31.93 0.88 0.00	32.39 0.77 0.00	38.68 1.01 0.00	37.31 0.90 0.00	38.10 0.83 0.00	34.84 0.65 0.00	39.27 0.92 0.00	40.74 0.79 0.00	37.74 0.51 0.00	35.70 0.45 0.00	35.44 0.52 0.00	31.77 0.58 0.00	35.66 0.73 0.00	40.32 0.98 0.00	33.47 0.67 0.00	29.86 0.55 0.00
NEG WEST_LEA_LOCKPORT 23791	30.95 -0.65 0.00	27.61 -0.73 0.00	28.01 -0.63 0.00	25.42 -0.53 0.00	24.82 -0.44 0.00	23.96 -0.57 0.00	21.91 -0.42 0.00	19.30 -0.40 0.00	30.48 -0.57 0.00	31.53 -0.08 0.00	37.08 -0.59 0.00	35.50 -0.91 0.00	36.07 -1.21 0.00	33.04 -1.15 0.00	36.71 -1.65 0.00	38.23 -1.72 0.00	36.00 -1.23 0.00	34.29 -0.97 0.00	33.92 -1.00 0.00	30.55 -0.64 0.00	34.11 -0.82 0.00	38.55 -0.79 0.00	32.26 -0.53 0.00	29.25 -0.06 0.00
NEG WEST___LANCASTR 23811	31.24 -0.37 0.00	27.88 -0.46 0.00	28.27 -0.37 0.00	25.63 -0.32 0.00	25.03 -0.22 0.00	24.27 -0.25 0.00	22.20 -0.13 0.00	19.68 -0.02 0.00	31.13 0.07 0.00	32.10 0.49 0.00	37.96 0.29 0.00	36.48 0.07 0.00	37.31 0.04 0.00	34.26 0.07 0.00	38.23 -0.13 0.00	39.72 -0.24 0.00	37.16 -0.06 0.00	35.30 0.05 0.00	34.90 -0.03 0.00	31.29 0.10 0.00	34.90 -0.04 0.00	39.45 0.10 0.00	32.96 0.16 0.00	29.77 0.46 0.00
NEG_PENN_ALLEGHNY 23528	31.84 0.23 0.00	28.48 0.14 0.00	28.80 0.15 0.00	26.06 0.11 0.00	25.43 0.18 0.00	24.75 0.22 0.00	22.57 0.24 0.00	19.97 0.27 0.00	31.53 0.48 0.00	32.18 0.56 0.00	38.36 0.68 0.00	36.98 0.56 0.00	37.87 0.60 0.00	34.77 0.58 0.00	38.95 0.59 0.00	40.64 0.69 0.00	37.93 0.70 0.00	36.01 0.76 0.00	35.61 0.68 0.00	31.76 0.57 0.00	35.43 0.50 0.00	39.86 0.51 0.00	33.22 0.42 0.00	29.74 0.43 0.00
NEG___GEN_MONROE 24207	31.45 -0.15 0.00	28.08 -0.26 0.00	28.49 -0.15 0.00	25.81 -0.13 0.00	25.18 -0.07 0.00	24.33 -0.20 0.00	22.26 -0.08 0.00	19.66 -0.04 0.00	31.00 -0.05 0.00	31.95 0.34 0.00	37.80 0.12 0.00	36.39 -0.03 0.00	37.22 -0.06 0.00	34.20 0.01 0.00	38.19 -0.16 0.00	39.81 -0.14 0.00	37.31 0.08 0.00	35.34 0.08 0.00	35.04 0.12 0.00	31.45 0.26 0.00	35.12 0.19 0.00	39.65 0.31 0.00	33.06 0.26 0.00	29.77 0.46 0.00
NEPA___ENERGY 23901	31.36 -0.25 0.00	27.91 -0.43 0.00	28.31 -0.33 0.00	25.64 -0.31 0.00	25.11 -0.14 0.00	24.43 -0.10 0.00	22.35 0.02 0.00	19.82 0.12 0.00	31.40 0.35 0.00	32.27 0.66 0.00	38.41 0.74 0.00	36.95 0.54 0.00	37.78 0.50 0.00	34.61 0.42 0.00	38.71 0.35 0.00	40.31 0.35 0.00	37.60 0.38 0.00	35.79 0.53 0.00	35.33 0.41 0.00	31.56 0.37 0.00	35.14 0.21 0.00	39.66 0.32 0.00	33.08 0.29 0.00	29.86 0.54 0.00
NEVERSINK___HYD 23608	32.82 1.21 0.00	29.39 1.04 0.00	29.46 0.82 0.00	26.61 0.67 0.00	25.90 0.64 0.00	25.21 0.68 0.00	23.04 0.70 0.00	20.38 0.68 0.00	32.19 1.14 0.00	32.72 1.10 0.00	39.14 1.47 0.00	38.03 1.62 0.00	39.01 1.74 0.00	35.72 1.53 0.00	38.99 0.63 0.00	40.77 0.82 0.00	38.16 0.93 0.00	36.48 1.22 0.00	36.02 1.10 0.00	32.04 0.84 0.00	36.52 1.58 0.00	41.00 1.65 0.00	34.17 1.37 0.00	30.46 1.15 0.00
NEWKRMKL_115KV_TB1 55635	32.49 0.88 0.00	29.24 0.90 0.00	29.41 0.77 0.00	26.68 0.74 0.00	25.97 0.72 0.00	25.28 0.75 0.00	23.02 0.68 0.00	33.02 0.62 -12.70	32.53 0.94 -0.54	44.97 0.88 -12.48	38.87 1.19 0.00	37.71 1.30 0.00	38.59 1.31 0.00	35.82 1.18 -0.45	39.64 1.27 0.00	41.18 1.23 0.00	38.46 1.24 0.00	36.51 1.26 0.00	36.06 1.13 0.00	32.11 0.92 0.00	35.94 1.00 0.00	40.39 1.04 0.00	33.76 0.97 0.00	30.16 0.85 0.00
NEWTON___FALLS_HYD 23847	31.53 -0.08 0.00	28.20 -0.14 0.00	28.51 -0.12 0.00	25.84 -0.11 0.00	25.09 -0.16 0.00	24.45 -0.08 0.00	22.27 -0.06 0.00	19.53 -0.17 0.00	30.64 -0.42 0.00	31.16 -0.45 0.00	36.88 -0.79 0.00	35.31 -1.10 0.00	36.12 -1.15 0.00	32.95 -1.24 0.00	36.98 -1.38 0.00	38.69 -1.27 0.00	36.20 -1.02 0.00	34.46 -0.79 0.00	34.17 -0.76 0.00	30.70 -0.49 0.00	34.56 -0.37 0.00	39.36 0.02 0.00	32.95 0.15 0.00	29.47 0.15 0.00
NGRID_A1_DSASP 323792	30.58 -1.03 0.00	27.34 -1.00 0.00	27.81 -0.83 0.00	25.24 -0.71 0.00	24.64 -0.62 0.00	23.77 -0.76 0.00	21.74 -0.60 0.00	19.07 -0.63 0.00	30.11 -0.95 0.00	31.16 -0.46 0.00	36.68 -0.99 0.00	35.25 -1.16 0.00	35.90 -1.38 0.00	32.94 -1.25 0.00	36.64 -1.71 0.00	38.02 -1.94 0.00	35.58 -1.65 0.00	33.90 -1.35 0.00	33.52 -1.41 0.00	30.20 -0.99 0.00	33.70 -1.24 0.00	38.09 -1.25 0.00	31.93 -0.87 0.00	29.11 -0.21 0.00
NGRID_A2_DSASP 323793	30.58 -1.03 0.00	27.34 -1.00 0.00	27.81 -0.83 0.00	25.24 -0.71 0.00	24.64 -0.62 0.00	23.77 -0.76 0.00	21.74 -0.60 0.00	19.07 -0.63 0.00	30.11 -0.95 0.00	31.16 -0.46 0.00	36.68 -0.99 0.00	35.25 -1.16 0.00	35.90 -1.38 0.00	32.94 -1.25 0.00	36.64 -1.71 0.00	38.02 -1.94 0.00	35.58 -1.65 0.00	33.90 -1.35 0.00	33.52 -1.41 0.00	30.20 -0.99 0.00	33.70 -1.24 0.00	38.09 -1.25 0.00	31.93 -0.87 0.00	29.11 -0.21 0.00
NGRID_A4_DSASP 323807	30.55 -1.06 0.00	27.35 -0.99 0.00	27.80 -0.84 0.00	25.24 -0.71 0.00	24.64 -0.62 0.00	23.76 -0.76 0.00	21.74 -0.60 0.00	19.07 -0.63 0.00	30.10 -0.95 0.00	31.15 -0.46 0.00	36.68 -0.99 0.00	35.24 -1.17 0.00	35.89 -1.38 0.00	32.93 -1.26 0.00	36.63 -1.72 0.00	38.02 -1.94 0.00	35.57 -1.66 0.00	33.90 -1.36 0.00	33.52 -1.41 0.00	30.19 -1.00 0.00	33.69 -1.24 0.00	38.10 -1.25 0.00	31.93 -0.87 0.00	29.11 -0.20 0.00
NIAGARA_115E_LBMP 323715	30.51 -1.10 0.00	27.15 -1.19 0.00	27.57 -1.07 0.00	25.01 -0.94 0.00	24.42 -0.84 0.00	23.56 -0.97 0.00	21.53 -0.80 0.00	18.97 -0.73 0.00	30.02 -1.03 0.00	31.07 -0.55 0.00	36.55 -1.13 0.00	35.10 -1.31 0.00	35.70 -1.58 0.00	32.76 -1.43 0.00	36.43 -1.93 0.00	37.88 -2.07 0.00	35.63 -1.60 0.00	33.94 -1.31 0.00	33.57 -1.36 0.00	30.27 -0.92 0.00	33.77 -1.16 0.00	38.17 -1.17 0.00	31.97 -0.82 0.00	29.00 -0.31 0.00



NIAGARA_115W_LBMP 323714	30.52 -1.09 0.00	27.29 -1.05 0.00	27.77 -0.87 0.00	25.20 -0.75 0.00	24.59 -0.66 0.00	23.73 -0.80 0.00	21.70 -0.64 0.00	19.03 -0.67 0.00	30.04 -1.01 0.00	31.09 -0.53 0.00	36.60 -1.08 0.00	35.17 -1.24 0.00	35.82 -1.45 0.00	32.87 -1.32 0.00	36.56 -1.80 0.00	37.91 -2.04 0.00	35.48 -1.75 0.00	33.81 -1.44 0.00	33.42 -1.51 0.00	30.12 -1.07 0.00	33.61 -1.33 0.00	37.99 -1.35 0.00	31.85 -0.95 0.00	29.05 -0.27 0.00
NIAGARA_230_LBMP 323716	30.68 -0.92 0.00	27.37 -0.97 0.00	27.78 -0.86 0.00	25.21 -0.73 0.00	24.60 -0.65 0.00	23.75 -0.78 0.00	21.72 -0.61 0.00	19.14 -0.56 0.00	30.22 -0.83 0.00	31.26 -0.35 0.00	36.84 -0.83 0.00	35.40 -1.01 0.00	36.08 -1.19 0.00	33.10 -1.09 0.00	36.85 -1.51 0.00	38.30 -1.64 0.01	35.92 -1.30 0.00	34.18 -1.07 0.00	33.81 -1.11 0.00	30.44 -0.74 0.00	33.98 -0.96 0.00	38.42 -0.92 0.00	32.18 -0.61 0.00	29.21 -0.10 0.00
NIAGARA__115KV_198_GIBSON 55903	30.49 -1.12 0.00	27.30 -1.04 0.00	27.76 -0.88 0.00	25.20 -0.75 0.00	24.59 -0.66 0.00	23.73 -0.80 0.00	21.70 -0.64 0.00	19.03 -0.67 0.00	30.04 -1.01 0.00	31.08 -0.53 0.00	36.60 -1.08 0.00	35.17 -1.24 0.00	35.81 -1.47 0.00	32.86 -1.33 0.00	36.55 -1.81 0.00	37.91 -2.05 0.00	35.47 -1.75 0.00	33.80 -1.45 0.00	33.42 -1.51 0.00	30.10 -1.09 0.00	33.61 -1.33 0.00	37.99 -1.36 0.00	31.85 -0.95 0.00	29.05 -0.26 0.00
NIAGARA____ 23760	30.54 -1.07 0.00	27.22 -1.12 0.00	27.66 -0.98 0.00	25.10 -0.85 0.00	24.50 -0.76 0.00	23.65 -0.88 0.00	21.63 -0.70 0.00	19.06 -0.64 0.00	30.13 -0.93 0.00	31.17 -0.45 0.00	36.71 -0.97 0.00	35.27 -1.14 0.00	35.93 -1.35 0.00	32.96 -1.23 0.00	36.67 -1.69 0.00	38.10 -1.85 0.00	35.73 -1.49 0.00	34.03 -1.23 0.00	33.65 -1.28 0.00	30.31 -0.88 0.00	33.82 -1.12 0.00	38.24 -1.10 0.00	32.01 -0.78 0.00	29.06 -0.25 0.00
NINE_MILE_1 23575	30.58 -1.03 0.00	27.39 -0.95 0.00	27.67 -0.96 0.00	25.07 -0.87 0.00	24.42 -0.83 0.00	23.73 -0.81 0.00	21.61 -0.72 0.00	19.08 -0.62 0.00	30.04 -1.01 0.00	30.60 -1.01 0.00	36.42 -1.25 0.00	35.15 -1.26 0.00	36.00 -1.28 0.00	33.04 -1.15 0.00	37.04 -1.31 0.00	38.60 -1.35 0.00	36.04 -1.19 0.00	34.18 -1.08 0.00	33.87 -1.06 0.00	30.29 -0.90 0.00	33.85 -1.08 0.00	38.06 -1.28 0.00	31.74 -1.06 0.00	28.39 -0.93 0.00
NINE_MILE_2 23744	30.58 -1.03 0.00	27.39 -0.95 0.00	27.67 -0.96 0.00	25.07 -0.87 0.00	24.42 -0.83 0.00	23.73 -0.81 0.00	21.61 -0.72 0.00	19.08 -0.62 0.00	30.04 -1.01 0.00	30.61 -1.01 0.00	36.42 -1.25 0.00	35.15 -1.26 0.00	36.00 -1.28 0.00	33.04 -1.15 0.00	37.04 -1.31 0.00	38.61 -1.35 0.00	36.04 -1.19 0.00	34.18 -1.07 0.00	33.87 -1.06 0.00	30.29 0.00	33.85 -1.08 0.00	38.06 -1.28 0.00	31.74 -1.06 0.00	28.39 -0.93 0.00
NM_CAPITAL____DRP 24208	32.59 0.98 0.00	29.32 0.98 0.00	29.49 0.85 0.00	26.75 0.80 0.00	26.04 0.79 0.00	25.35 0.82 0.00	23.07 0.74 0.00	33.27 0.66 -12.91	32.63 1.04 -0.55	45.25 0.96 -12.68	38.95 1.27 0.00	37.79 1.38 0.00	38.66 1.39 0.00	35.88 1.23 -0.46	39.68 1.32 0.00	41.21 1.26 0.00	38.49 1.26 0.00	36.55 1.30 0.00	36.10 1.18 0.00	32.15 0.96 0.00	36.01 1.07 0.00	40.45 1.10 0.00	33.83 1.03 0.00	30.23 0.92 0.00
NM_CENTRAL____DRP 24181	31.18 -0.42 0.00	27.94 -0.40 0.00	28.23 -0.42 0.00	25.57 -0.38 0.00	24.91 -0.34 0.00	24.20 -0.33 0.00	22.06 -0.27 0.00	19.45 -0.24 0.00	30.64 -0.41 0.00	31.26 -0.35 0.00	37.22 -0.46 0.00	35.93 -0.48 0.00	36.80 -0.48 0.00	33.79 -0.39 0.00	37.89 -0.47 0.00	39.50 -0.46 0.00	36.89 -0.34 0.00	35.00 -0.25 0.00	34.68 -0.25 0.00	30.99 -0.21 0.00	34.61 -0.33 0.00	38.91 -0.44 0.00	32.41 -0.39 0.00	28.98 -0.33 0.00
NM_FRONTIER____DRP 24179	30.49 -1.12 0.00	27.30 -1.04 0.00	27.76 -0.88 0.00	25.20 -0.75 0.00	24.59 -0.66 0.00	23.73 -0.80 0.00	21.70 -0.64 0.00	19.03 -0.67 0.00	30.04 -1.01 0.00	31.08 -0.53 0.00	36.60 -1.08 0.00	35.17 -1.24 0.00	35.81 -1.47 0.00	32.86 -1.33 0.00	36.55 -1.81 0.00	37.91 -2.05 0.00	35.47 -1.75 0.00	33.80 -1.45 0.00	33.42 -1.51 0.00	30.10 -1.09 0.00	33.61 -1.33 0.00	37.99 -1.36 0.00	31.85 -0.95 0.00	29.05 -0.26 0.00
NM_ST_REGIS____HYD 24053	31.73 0.13 0.00	28.39 0.05 0.00	28.79 0.15 0.00	26.11 0.16 0.00	25.37 0.11 0.00	24.65 0.12 0.00	22.47 0.13 0.00	19.72 0.02 0.00	31.08 0.03 0.00	31.63 0.01 0.00	37.60 -0.07 0.00	36.13 -0.28 0.00	36.94 -0.33 0.00	33.52 -0.67 0.00	37.75 -0.61 0.00	39.39 -0.57 0.00	36.54 -0.69 0.00	34.52 -0.74 0.00	34.23 -0.69 0.00	30.75 -0.44 0.00	34.61 -0.32 0.00	39.52 0.17 0.00	33.03 0.23 0.00	29.57 0.26 0.00
NORTHPORT____1 23551	54.90 2.64 -20.65	61.04 2.46 -30.24	70.65 2.10 -39.91	64.18 1.90 -36.33	59.92 1.86 -32.81	49.20 1.84 -22.83	52.37 1.78 -28.26	96.08 1.60 -74.78	72.74 2.74 -38.95	97.26 2.56 -63.09	57.15 3.36 -16.12	60.69 3.30 -20.98	53.60 3.34 -12.98	55.83 3.11 -18.52	59.44 3.27 -17.81	48.86 3.55 -5.36	52.04 3.44 -11.37	52.55 3.37 -13.92	62.91 2.98 -25.00	33.12 1.90 -0.03	36.94 2.01 0.00	41.54 2.20 0.00	35.17 2.37 0.00	31.44 2.13 0.00
NORTHPORT____2 23552	54.90 2.64 -20.65	61.04 2.46 -30.24	70.65 2.10 -39.91	64.18 1.90 -36.33	59.92 1.86 -32.81	49.20 1.84 -22.83	52.37 1.78 -28.26	96.08 1.60 -74.78	72.74 2.74 -38.95	97.26 2.56 -63.09	57.15 3.36 -16.12	60.69 3.30 -20.98	53.60 3.34 -12.98	55.83 3.11 -18.52	59.44 3.27 -17.81	48.86 3.55 -5.36	52.04 3.44 -11.37	52.55 3.37 -13.92	62.91 2.98 -25.00	33.12 1.90 -0.03	36.94 2.01 0.00	41.54 2.20 0.00	35.17 2.37 0.00	31.44 2.13 0.00
NORTHPORT____3 23553	54.72 2.47 -20.65	60.83 2.28 -30.22	70.49 1.94 -39.91	64.01 1.73 -36.33	59.75 1.69 -32.81	49.04 1.67 -22.83	52.22 1.63 -28.26	95.94 1.46 -74.78	72.50 2.50 -38.95	97.05 2.35 -63.09	56.90 3.10 -16.12	60.52 3.13 -20.98	53.47 3.21 -12.98	55.75 3.04 -18.52	56.39 3.37 -14.66	48.77 3.47 -5.36	51.97 3.37 -11.37	52.50 3.32 -13.92	62.85 2.92 -25.00	33.12 2.02 0.09	36.94 2.01 0.00	41.54 2.20 0.00	35.05 2.25 0.00	31.31 2.00 0.00
NORTHPORT____4 23650	54.72 2.47 -20.65	60.83 2.28 -30.22	70.49 1.94 -39.91	64.01 1.73 -36.33	59.75 1.69 -32.81	49.04 1.67 -22.83	52.22 1.63 -28.26	95.94 1.46 -74.78	72.50 2.50 -38.95	97.05 2.35 -63.09	56.90 3.10 -16.12	60.52 3.13 -20.98	53.47 3.21 -12.98	55.75 3.04 -18.52	56.39 3.37 -14.66	48.77 3.47 -5.36	51.97 3.37 -11.37	52.50 3.32 -13.92	62.85 2.92 -25.00	33.12 2.02 0.09	36.94 2.01 0.00	41.54 2.20 0.00	35.05 2.25 0.00	31.31 2.00 0.00
NORTHPORT____IC 23718	54.90 2.64 -20.65	61.04 2.46 -30.24	70.65 2.10 -39.91	64.18 1.90 -36.33	59.92 1.86 -32.81	49.20 1.84 -22.83	52.37 1.78 -28.26	96.08 1.60 -74.78	72.74 2.74 -38.95	97.26 2.56 -63.09	57.15 3.36 -16.12	60.69 3.30 -20.98	53.60 3.34 -12.98	55.83 3.11 -18.52	59.44 3.27 -17.81	48.86 3.55 -5.36	52.04 3.44 -11.37	52.55 3.37 -13.92	62.91 2.98 -25.00	33.12 1.90 -0.03	36.94 2.01 0.00	41.54 2.20 0.00	35.17 2.37 0.00	31.44 2.13 0.00



NORTH__COUNTRY_ESR 323785	31.66 0.06 0.00	28.38 0.04 0.00	28.73 0.08 0.00	26.02 0.07 0.00	25.27 0.02 0.00	24.63 0.10 0.00	22.56 0.22 0.00	19.95 0.25 0.00	31.48 0.43 0.00	31.93 0.32 0.00	38.14 0.47 0.00	36.76 0.35 0.00	37.58 0.30 0.00	34.38 0.19 0.00	38.75 0.39 0.00	40.22 0.27 0.00	37.20 -0.02 0.00	35.18 -0.07 0.00	34.91 -0.01 0.00	31.28 0.09 0.00	35.14 0.21 0.00	39.74 0.40 0.00	32.97 0.17 0.00	29.44 0.13 0.00
NPX_GEN_1385_PROXY 323591	54.92 2.66 -20.65	61.07 2.49 -30.24	70.66 2.11 -39.91	64.18 1.90 -36.33	59.92 1.86 -32.81	49.25 1.88 -22.83	52.41 1.82 -28.26	96.11 1.64 -74.78	72.79 2.80 -38.95	97.27 2.56 -63.09	57.15 3.36 -16.12	60.69 3.30 -20.98	53.60 3.34 -12.98	55.83 3.11 -18.52	59.44 3.27 -17.81	48.86 3.55 -5.36	52.04 3.44 -11.37	52.61 3.43 -13.92	62.98 3.05 -25.00	33.17 1.95 -0.03	37.01 2.08 0.00	41.61 2.26 0.00	35.23 2.44 0.00	31.50 2.18 0.00
NPX_GEN_CSC 323557	55.65 3.40 -20.65	61.63 3.08 -30.21	71.25 2.70 -39.91	64.67 2.38 -36.33	60.37 2.31 -32.81	49.38 2.02 -22.83	52.54 1.95 -28.26	96.29 1.81 -74.78	73.33 3.33 -38.95	97.72 3.01 -63.09	57.97 4.17 -16.12	61.57 4.19 -20.98	54.57 4.31 -12.98	56.85 4.14 -18.52	87.35 4.55 -44.44	49.87 4.56 -5.36	52.98 4.38 -11.38	53.38 4.20 -13.93	63.77 3.84 -25.00	35.13 2.90 -1.04	37.91 2.98 0.00	42.57 3.23 0.00	35.96 3.16 0.00	32.02 2.71 0.00
NSINS_S_GLNS_FALLS 23858	33.67 2.07 0.00	30.09 1.75 0.00	30.29 1.65 0.00	27.43 1.49 0.00	26.72 1.46 0.00	26.07 1.54 0.00	23.85 1.52 0.00	33.33 1.37 -12.26	33.80 2.23 -0.52	45.84 2.19 -12.04	40.23 2.56 0.00	39.03 2.62 0.00	39.78 2.50 0.00	36.72 2.09 -0.44	40.68 2.32 0.00	42.28 2.33 0.00	39.49 2.26 0.00	37.50 2.24 0.00	37.28 2.36 0.00	33.17 1.98 0.00	37.41 2.48 0.00	42.02 2.67 0.00	35.12 2.33 0.00	31.36 2.05 0.00
NUCOR_STEEL__DRP 24197	31.70 0.09 0.00	28.30 -0.04 0.00	28.71 0.07 0.00	25.98 0.03 0.00	25.36 0.11 0.00	24.63 0.10 0.00	22.39 0.06 0.00	19.79 0.09 0.00	31.16 0.11 0.00	31.75 0.14 0.00	37.75 0.08 0.00	36.43 0.02 0.00	37.32 0.05 0.00	34.28 0.09 0.00	38.39 0.03 0.00	40.05 0.09 0.00	37.43 0.21 0.00	35.58 0.32 0.00	35.44 0.51 0.00	31.69 0.50 0.00	35.34 0.41 0.00	39.62 0.28 0.00	33.09 0.30 0.00	29.60 0.29 0.00
NUMBER_THREE_WT_PWR 323818	31.76 0.16 0.00	28.39 0.05 0.00	28.70 0.06 0.00	25.98 0.04 0.00	25.21 -0.04 0.00	24.58 0.05 0.00	22.44 0.11 0.00	19.79 0.09 0.00	31.13 0.07 0.00	31.79 0.17 0.00	37.59 -0.08 0.00	36.00 -0.41 0.00	36.81 -0.46 0.00	33.79 -0.40 0.00	37.88 -0.48 0.00	39.57 -0.39 0.00	36.83 -0.40 0.00	35.06 -0.19 0.00	34.84 -0.09 0.00	31.29 0.09 0.00	35.13 0.19 0.00	39.84 0.50 0.00	33.31 0.51 0.00	29.73 0.41 0.00
NYISO_LBMP_REFERENCE 24008	31.61 0.00 0.00	28.34 0.00 0.00	28.64 0.00 0.00	25.95 0.00 0.00	25.25 0.00 0.00	24.53 0.00 0.00	22.33 0.00 0.00	19.70 0.00 0.00	31.05 0.00 0.00	31.62 0.00 0.00	37.67 0.00 0.00	36.41 0.00 0.00	37.28 0.00 0.00	34.19 0.00 0.00	38.36 0.00 0.00	39.95 0.00 0.00	37.22 0.00 0.00	35.26 0.00 0.00	34.93 0.00 0.00	31.19 0.00 0.00	34.93 0.00 0.00	39.35 0.00 0.00	32.80 0.00 0.00	29.31 0.00 0.00
NYPA_BRENTWD__GT 24164	55.27 3.01 -20.65	61.33 2.81 -30.18	71.02 2.47 -39.91	64.49 2.20 -36.33	60.20 2.14 -32.81	49.46 2.10 -22.83	52.63 2.04 -28.26	96.32 1.84 -74.78	73.15 3.15 -38.95	97.69 2.98 -63.09	57.68 3.89 -16.12	61.24 3.85 -20.98	54.09 3.84 -12.98	56.38 3.66 -18.52	65.07 3.93 -22.78	49.37 4.06 -5.36	52.39 3.79 -11.37	52.89 3.71 -13.92	63.25 3.33 -25.00	33.71 2.30 -0.22	37.55 2.62 0.00	42.23 2.88 0.00	35.78 2.99 0.00	31.91 2.60 0.00
NYPA_GOWANUS__GT5 24156	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.05 2.37 0.00	38.93 2.53 0.00	39.94 2.67 0.00	38.74 2.58 -1.96	41.26 2.90 0.00	43.00 3.04 0.00	40.18 2.95 0.00	38.11 2.86 0.00	37.43 2.50 0.00	33.13 1.94 0.00	36.86 1.93 0.00	41.49 2.14 0.00	34.73 1.94 0.00	31.01 1.69 0.00
NYPA_GOWANUS__GT6 24157	33.48 1.88 0.00	30.04 1.70 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.17 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.05 2.37 0.00	38.93 2.53 0.00	39.94 2.67 0.00	38.74 2.58 -1.96	41.26 2.90 0.00	43.00 3.04 0.00	40.18 2.95 0.00	38.11 2.86 0.00	37.43 2.50 0.00	33.13 1.94 0.00	36.86 1.93 0.00	41.49 2.14 0.00	34.73 1.94 0.00	31.01 1.69 0.00
NYPA_HARLEM_RVR_GT1 24160	33.33 1.72 0.00	29.94 1.60 0.00	29.92 1.28 0.00	27.05 1.11 0.00	26.33 1.08 0.00	25.67 1.14 0.00	23.51 1.18 0.00	75.52 1.01 -54.81	35.05 1.68 -2.32	87.06 1.62 -53.83	39.83 2.15 0.00	38.73 2.32 0.00	39.72 2.44 0.00	38.53 2.37 -1.96	41.05 2.69 0.00	42.76 2.80 0.00	39.95 2.72 0.00	37.90 2.64 0.00	37.18 2.26 0.00	32.87 1.68 0.00	36.56 1.62 0.00	41.16 1.82 0.00	34.49 1.69 0.00	30.82 1.51 0.00
NYPA_HARLEM_RVR_GT2 24161	33.33 1.72 0.00	29.94 1.60 0.00	29.92 1.28 0.00	27.05 1.11 0.00	26.33 1.08 0.00	25.67 1.14 0.00	23.51 1.18 0.00	75.52 1.01 -54.81	35.05 1.68 -2.32	87.06 1.62 -53.83	39.83 2.15 0.00	38.73 2.32 0.00	39.72 2.44 0.00	38.53 2.37 -1.96	41.05 2.69 0.00	42.76 2.80 0.00	39.95 2.72 0.00	37.90 2.64 0.00	37.18 2.26 0.00	32.87 1.68 0.00	36.56 1.62 0.00	41.16 1.82 0.00	34.49 1.69 0.00	30.82 1.51 0.00
NYPA_KENT__GT 24152	33.43 1.83 0.00	29.99 1.65 0.00	30.00 1.36 0.00	27.12 1.17 0.00	26.38 1.13 0.00	25.71 1.18 0.00	23.52 1.19 0.00	75.56 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.05 2.38 0.00	38.93 2.52 0.00	39.93 2.65 0.00	38.72 2.57 -1.96	41.24 2.88 0.00	42.97 3.02 0.00	40.15 2.92 0.00	38.10 2.85 0.00	37.40 2.47 0.00	33.08 1.89 0.00	36.81 1.88 0.00	41.40 2.05 0.00	34.66 1.87 0.00	30.95 1.64 0.00
NYPA_POUCH1__GT 24155	33.43 1.82 0.00	30.00 1.67 0.00	30.01 1.37 0.00	27.13 1.18 0.00	26.40 1.14 0.00	25.71 1.19 0.00	23.46 1.12 0.00	72.33 0.97 -51.66	33.28 1.65 -0.58	83.74 1.64 -50.49	39.46 2.22 0.43	38.44 2.39 0.36	39.38 2.53 0.42	35.42 2.44 1.21	36.58 2.75 4.52	37.48 2.88 5.35	34.22 2.80 5.80	35.42 2.72 2.57	37.30 2.37 0.00	33.05 1.86 0.00	36.77 1.84 0.00	41.36 2.02 0.00	34.66 1.86 0.00	30.99 1.67 0.00
NYPA_VERNON__GT2 24162	33.39 1.79 0.00	29.95 1.61 0.00	29.96 1.32 0.00	27.08 1.14 0.00	26.35 1.10 0.00	25.68 1.15 0.00	23.51 1.17 0.00	75.56 1.05 -54.81	35.14 1.77 -2.32	87.21 1.76 -53.83	40.03 2.36 0.00	38.91 2.50 0.00	39.90 2.62 0.00	38.69 2.54 -1.96	41.20 2.84 0.00	42.94 2.98 0.00	40.11 2.88 0.00	38.06 2.81 0.00	37.36 2.43 0.00	33.02 1.83 0.00	36.74 1.81 0.00	41.30 1.96 0.00	34.59 1.79 0.00	30.88 1.57 0.00



NYPA_VERNON____GT3 24163	33.39 1.79 0.00	29.95 1.61 0.00	29.96 1.32 0.00	27.08 1.14 0.00	26.35 1.10 0.00	25.68 1.15 0.00	23.51 1.17 0.00	75.56 1.05 -54.81	35.14 1.77 -2.32	87.21 1.76 -53.83	40.03 2.36 0.00	38.91 2.50 0.00	39.90 2.62 0.00	38.69 2.54 -1.96	41.20 2.84 0.00	42.94 2.98 0.00	40.11 2.88 0.00	38.06 2.81 0.00	37.36 2.43 0.00	33.02 1.83 0.00	36.74 1.81 0.00	41.30 1.96 0.00	34.59 1.79 0.00	30.88 1.57 0.00
NYPA__ASTORIA_CC1 323568	33.36 1.75 0.00	29.93 1.59 0.00	29.93 1.29 0.00	27.06 1.11 0.00	26.33 1.08 0.00	25.65 1.12 0.00	23.49 1.16 0.00	75.54 1.02 -54.81	35.11 1.74 -2.32	87.17 1.73 -53.83	39.99 2.32 0.00	38.86 2.45 0.00	39.85 2.57 0.00	38.65 2.50 -1.96	41.14 2.79 0.00	42.87 2.92 0.00	40.05 2.82 0.00	38.01 2.75 0.00	37.30 2.37 0.00	32.97 1.78 0.00	36.68 1.75 0.00	41.24 1.90 0.00	34.54 1.74 0.00	30.84 1.53 0.00
NYPA__ASTORIA_CC2 323569	33.36 1.75 0.00	29.93 1.59 0.00	29.93 1.29 0.00	27.06 1.11 0.00	26.33 1.08 0.00	25.65 1.12 0.00	23.49 1.16 0.00	75.54 1.02 -54.81	35.11 1.74 -2.32	87.17 1.73 -53.83	39.99 2.32 0.00	38.86 2.45 0.00	39.85 2.57 0.00	38.65 2.50 -1.96	41.14 2.79 0.00	42.87 2.92 0.00	40.05 2.82 0.00	38.01 2.75 0.00	37.30 2.37 0.00	32.97 1.78 0.00	36.68 1.75 0.00	41.24 1.90 0.00	34.54 1.74 0.00	30.84 1.53 0.00
NYPA__HOLTSVILL 23794	55.27 3.01 -20.65	61.31 2.75 -30.21	70.94 2.39 -39.91	64.40 2.12 -36.33	60.12 2.06 -32.81	49.35 1.99 -22.83	52.52 1.93 -28.26	96.22 1.74 -74.78	73.05 3.05 -38.95	97.50 2.79 -63.09	57.49 3.69 -16.12	61.06 3.67 -20.98	54.01 3.75 -12.98	56.32 3.61 -18.52	86.27 3.91 -44.00	49.37 4.06 -5.36	52.51 3.91 -11.38	53.03 3.85 -13.93	63.41 3.48 -25.00	34.67 2.46 -1.03	37.46 2.53 0.00	42.10 2.76 0.00	35.61 2.82 0.00	31.75 2.44 0.00
NYPA_____HELLGATE_GT1 24158	33.33 1.72 0.00	29.94 1.59 0.00	29.91 1.28 0.00	27.05 1.11 0.00	26.33 1.08 0.00	25.67 1.14 0.00	23.51 1.18 0.00	75.52 1.01 -54.81	35.05 1.68 -2.32	87.06 1.62 -53.83	39.83 2.15 0.00	38.73 2.32 0.00	39.72 2.44 0.00	38.53 2.37 -1.96	41.05 2.69 0.00	42.76 2.80 0.00	39.95 2.72 0.00	37.90 2.64 0.00	37.18 2.26 0.00	32.87 1.68 0.00	36.56 1.62 0.00	41.16 1.82 0.00	34.49 1.69 0.00	30.82 1.51 0.00
NYPA_____HELLGATE_GT2 24159	33.33 1.72 0.00	29.94 1.59 0.00	29.91 1.28 0.00	27.05 1.11 0.00	26.33 1.08 0.00	25.67 1.14 0.00	23.51 1.18 0.00	75.52 1.01 -54.81	35.05 1.68 -2.32	87.06 1.62 -53.83	39.83 2.15 0.00	38.73 2.32 0.00	39.72 2.44 0.00	38.53 2.37 -1.96	41.05 2.69 0.00	42.76 2.80 0.00	39.95 2.72 0.00	37.90 2.64 0.00	37.18 2.26 0.00	32.87 1.68 0.00	36.56 1.62 0.00	41.16 1.82 0.00	34.49 1.69 0.00	30.82 1.51 0.00
NYS_BARGE____HYD 23848	30.99 -0.61 0.00	27.60 -0.74 0.00	28.01 -0.63 0.00	25.41 -0.54 0.00	24.82 -0.44 0.00	23.95 -0.57 0.00	21.91 -0.42 0.00	19.31 -0.39 0.00	30.52 -0.53 0.00	31.58 -0.03 0.00	37.14 -0.53 0.00	35.60 -0.81 0.00	36.20 -1.08 0.00	33.19 -1.00 0.00	36.90 -1.46 0.00	38.40 -1.55 0.00	36.14 -1.09 0.00	34.42 -0.84 0.00	34.05 -0.87 0.00	30.68 -0.51 0.00	34.24 -0.70 0.00	38.69 -0.65 0.00	32.37 -0.43 0.00	29.34 0.03 0.00
OAK ORCHARD____HYD 24046	31.31 -0.30 0.00	27.98 -0.36 0.00	28.30 -0.34 0.00	25.65 -0.30 0.00	25.01 -0.24 0.00	24.26 -0.26 0.00	22.18 -0.15 0.00	19.60 -0.10 0.00	30.93 -0.12 0.00	31.77 0.16 0.00	37.62 -0.06 0.00	36.26 -0.15 0.00	37.10 -0.17 0.00	34.10 -0.09 0.00	38.06 -0.30 0.00	39.67 -0.28 0.00	37.15 -0.08 0.00	35.32 0.06 0.00	35.02 0.09 0.00	31.42 0.23 0.00	35.04 0.10 0.00	39.53 0.18 0.00	32.97 0.17 0.00	29.65 0.34 0.00
OAKDALE__35_KV_LOAD 356122	31.72 0.12 0.00	28.38 0.04 0.00	28.70 0.06 0.00	25.97 0.02 0.00	25.34 0.08 0.00	24.66 0.13 0.00	22.48 0.14 0.00	19.88 0.19 0.00	31.39 0.34 0.00	32.03 0.42 0.00	38.20 0.52 0.00	36.84 0.43 0.00	37.75 0.47 0.00	34.64 0.45 0.00	38.82 0.46 0.00	40.47 0.51 0.00	37.76 0.53 0.00	35.84 0.58 0.00	35.44 0.52 0.00	31.61 0.42 0.00	35.27 0.34 0.00	39.69 0.34 0.00	33.09 0.29 0.00	29.63 0.32 0.00
OCC_CHEM____DRP 24175	30.55 -1.06 0.00	27.35 -0.99 0.00	27.80 -0.84 0.00	25.24 -0.71 0.00	24.64 -0.62 0.00	23.76 -0.76 0.00	21.74 -0.60 0.00	19.07 -0.63 0.00	30.10 -0.95 0.00	31.15 -0.46 0.00	36.68 -0.99 0.00	35.24 -1.17 0.00	35.89 -1.38 0.00	32.93 -1.26 0.00	36.63 -1.72 0.00	38.02 -1.94 0.00	35.57 -1.66 0.00	33.90 -1.36 0.00	33.52 -1.41 0.00	30.19 -1.00 0.00	33.69 -1.24 0.00	38.10 -1.25 0.00	31.93 -0.87 0.00	29.11 -0.20 0.00
OH_GEN_PROXY 24063	30.69 -0.91 0.00	27.40 -0.94 0.00	27.79 -0.84 0.00	25.22 -0.73 0.00	24.61 -0.64 0.00	23.77 -0.76 0.00	21.75 -0.58 0.00	19.18 -0.52 0.00	30.31 -0.75 0.00	31.34 -0.27 0.00	36.96 -0.72 0.00	35.51 -0.90 0.00	36.23 -1.05 0.00	33.23 -0.96 0.00	37.00 -1.36 0.00	38.48 -1.47 0.00	36.05 -1.18 0.00	34.28 -0.98 0.00	33.90 -1.03 0.00	30.50 -0.69 0.00	34.03 -0.90 0.00	38.48 -0.86 0.00	32.22 -0.57 0.00	29.22 -0.09 0.00
OLIN_CORP_DRP 24177	30.53 -1.07 0.00	27.21 -1.13 0.00	27.62 -1.02 0.00	25.05 -0.89 0.00	24.47 -0.78 0.00	23.61 -0.92 0.00	21.58 -0.76 0.00	19.01 -0.69 0.00	30.08 -0.97 0.00	31.13 -0.49 0.00	36.63 -1.04 0.00	35.18 -1.23 0.00	35.80 -1.48 0.00	32.84 -1.35 0.00	36.53 -1.83 0.00	37.99 -1.97 0.00	35.70 -1.52 0.00	34.02 -1.24 0.00	33.66 -1.27 0.00	30.32 -0.87 0.00	33.84 -1.09 0.00	38.25 -1.09 0.00	32.04 -0.75 0.00	29.06 -0.25 0.00
OLIN_CORP_DSASP 323712	30.58 -1.03 0.00	27.34 -1.00 0.00	27.81 -0.83 0.00	25.24 -0.71 0.00	24.64 -0.62 0.00	23.77 -0.76 0.00	21.74 -0.60 0.00	19.07 -0.63 0.00	30.11 -0.95 0.00	31.16 -0.46 0.00	36.68 -0.99 0.00	35.25 -1.16 0.00	35.90 -1.38 0.00	32.94 -1.25 0.00	36.64 -1.71 0.00	38.02 -1.94 0.00	35.58 -1.65 0.00	33.90 -1.35 0.00	33.52 -1.41 0.00	30.20 -0.99 0.00	33.70 -1.24 0.00	38.09 -1.25 0.00	31.93 -0.87 0.00	29.11 -0.21 0.00
ONEIDA_HERK_LFGE 323681	32.10 0.49 0.00	28.71 0.37 0.00	29.04 0.40 0.00	26.30 0.36 0.00	25.59 0.34 0.00	24.85 0.33 0.00	22.68 0.34 0.00	20.03 0.33 0.00	31.56 0.50 0.00	32.25 0.64 0.00	38.29 0.62 0.00	36.87 0.46 0.00	37.75 0.48 0.00	34.67 0.48 0.00	38.92 0.56 0.00	40.56 0.61 0.00	37.84 0.62 0.00	35.88 0.62 0.00	35.62 0.70 0.00	31.90 0.71 0.00	35.71 0.78 0.00	40.24 0.89 0.00	33.52 0.72 0.00	29.89 0.58 0.00
ONEIDA__115KV_TB4 55905	32.17 0.56 0.00	28.80 0.46 0.00	29.14 0.50 0.00	26.38 0.43 0.00	25.69 0.44 0.00	24.94 0.41 0.00	22.75 0.42 0.00	20.11 0.41 0.00	31.70 0.65 0.00	32.41 0.79 0.00	38.53 0.85 0.00	37.09 0.68 0.00	37.99 0.71 0.00	34.94 0.75 0.00	39.20 0.84 0.00	40.84 0.89 0.00	38.14 0.92 0.00	36.17 0.92 0.00	35.89 0.96 0.00	32.13 0.95 0.00	35.93 1.00 0.00	40.42 1.08 0.00	33.60 0.80 0.00	29.97 0.66 0.00



ONONDAGA_REF_OCCRA 23987	31.38 -0.22 0.00	28.11 -0.23 0.00	28.39 -0.24 0.00	25.71 -0.23 0.00	25.06 -0.19 0.00	24.36 -0.16 0.00	22.21 -0.13 0.00	19.60 -0.10 0.00	30.86 -0.19 0.00	31.48 -0.14 0.00	37.47 -0.20 0.00	36.16 -0.25 0.00	37.04 -0.24 0.00	34.01 -0.18 0.00	38.14 -0.22 0.00	39.77 -0.18 0.00	37.15 -0.07 0.00	35.26 0.00 0.00	34.95 0.02 0.00	31.23 0.04 0.00	34.88 -0.06 0.00	39.22 -0.13 0.00	32.65 -0.14 0.00	29.20 -0.12 0.00
ONONDAGA___COGEN 23986	31.36 -0.24 0.00	28.10 -0.24 0.00	28.38 -0.26 0.00	25.69 -0.26 0.00	25.05 -0.21 0.00	24.38 -0.15 0.00	22.21 -0.12 0.00	19.61 -0.09 0.00	30.87 -0.18 0.00	31.42 -0.19 0.00	37.40 -0.28 0.00	36.11 -0.30 0.00	36.99 -0.28 0.00	33.97 -0.22 0.00	38.09 -0.26 0.00	39.71 -0.24 0.00	37.10 -0.13 0.00	35.19 -0.06 0.00	34.90 -0.02 0.00	31.19 0.00 0.00	34.82 -0.11 0.00	39.14 -0.21 0.00	32.60 -0.20 0.00	29.15 -0.16 0.00
ONTARIO___LFGE 23819	31.53 -0.08 0.00	28.19 -0.15 0.00	28.55 -0.09 0.00	25.89 -0.06 0.00	25.30 0.04 0.00	24.58 0.05 0.00	22.52 0.18 0.00	20.28 0.58 0.00	31.90 0.85 0.00	32.39 0.77 0.00	38.59 0.92 0.00	37.10 0.69 0.00	37.97 0.70 0.00	34.88 0.69 0.00	38.59 0.23 0.00	40.27 0.31 0.00	37.67 0.44 0.00	35.78 0.53 0.00	35.52 0.60 0.00	31.78 0.59 0.00	35.42 0.49 0.00	39.86 0.52 0.00	33.15 0.35 0.00	29.77 0.46 0.00
ORANGEVILLE_WT_PWR 323706	31.20 -0.40 0.00	27.81 -0.53 0.00	28.21 -0.43 0.00	25.58 -0.37 0.00	25.03 -0.22 0.00	24.28 -0.24 0.00	22.20 -0.13 0.00	19.74 0.04 0.00	31.34 0.28 0.00	32.25 0.64 0.00	38.22 0.55 0.00	36.75 0.34 0.00	37.57 0.29 0.00	34.50 0.31 0.00	38.48 0.12 0.00	39.98 0.02 0.00	37.13 -0.10 0.00	35.31 0.05 0.00	34.94 0.01 0.00	31.32 0.13 0.00	34.91 -0.03 0.00	39.45 0.10 0.00	32.88 0.08 0.00	29.62 0.31 0.00
ORANGEVILLE___ESR 323794	31.20 -0.40 0.00	27.81 -0.53 0.00	28.21 -0.43 0.00	25.58 -0.37 0.00	25.03 -0.22 0.00	24.28 -0.24 0.00	22.20 -0.13 0.00	19.74 0.04 0.00	31.34 0.28 0.00	32.25 0.64 0.00	38.22 0.55 0.00	36.75 0.34 0.00	37.57 0.29 0.00	34.50 0.31 0.00	38.48 0.12 0.00	39.98 0.02 0.00	37.13 -0.10 0.00	35.31 0.05 0.00	34.94 0.01 0.00	31.32 0.13 0.00	34.91 -0.03 0.00	39.45 0.10 0.00	32.88 0.08 0.00	29.62 0.31 0.00
OSWEGATCHIE___HYD 24044	31.52 -0.09 0.00	28.21 -0.13 0.00	28.52 -0.11 0.00	25.84 -0.11 0.00	25.09 -0.16 0.00	24.45 -0.08 0.00	22.27 -0.06 0.00	19.53 -0.17 0.00	30.64 -0.42 0.00	31.16 -0.45 0.00	36.88 -0.79 0.00	35.31 -1.10 0.00	36.12 -1.15 0.00	32.95 -1.24 0.00	36.98 -1.38 0.00	38.69 -1.27 0.00	36.20 -1.02 0.00	34.46 -0.79 0.00	34.17 -0.76 0.00	30.70 -0.49 0.00	34.56 -0.37 0.00	39.37 0.02 0.00	32.95 0.15 0.00	29.47 0.15 0.00
OSWEGO___5 23606	30.82 -0.79 0.00	27.60 -0.74 0.00	27.90 -0.74 0.00	25.28 -0.67 0.00	24.62 -0.64 0.00	23.91 -0.61 0.00	21.79 -0.54 0.00	19.24 -0.46 0.00	30.30 -0.75 0.00	30.87 -0.75 0.00	36.73 -0.95 0.00	35.45 -0.96 0.00	36.30 -0.97 0.00	33.32 -0.87 0.00	37.36 -1.01 0.00	38.93 -1.03 0.00	36.34 -0.88 0.00	34.47 -0.79 0.00	34.17 -0.76 0.00	30.55 -0.64 0.00	34.14 -0.80 0.00	38.38 -0.96 0.00	32.01 -0.79 0.00	28.63 -0.69 0.00
OSWEGO___6 23613	30.82 -0.79 0.00	27.60 -0.74 0.00	27.90 -0.74 0.00	25.28 -0.67 0.00	24.62 -0.64 0.00	23.91 -0.61 0.00	21.79 -0.54 0.00	19.24 -0.46 0.00	30.30 -0.75 0.00	30.87 -0.75 0.00	36.73 -0.95 0.00	35.45 -0.96 0.00	36.30 -0.97 0.00	33.32 -0.87 0.00	37.36 -1.01 0.00	38.93 -1.03 0.00	36.34 -0.88 0.00	34.47 -0.79 0.00	34.17 -0.76 0.00	30.55 -0.64 0.00	34.14 -0.80 0.00	38.38 -0.96 0.00	32.01 -0.79 0.00	28.63 -0.69 0.00
OUTOKUMPU-AB___DRP 24206	31.22 -0.38 0.00	27.89 -0.45 0.00	28.33 -0.31 0.00	25.71 -0.24 0.00	25.09 -0.16 0.00	24.23 -0.30 0.00	22.18 -0.16 0.00	19.58 -0.11 0.00	31.08 0.02 0.00	32.14 0.53 0.00	37.84 0.16 0.00	36.26 -0.15 0.00	36.94 -0.34 0.00	33.93 -0.26 0.00	37.78 -0.58 0.00	39.14 -0.82 0.00	36.60 -0.62 0.00	34.84 -0.41 0.00	34.45 -0.47 0.00	30.99 -0.20 0.00	34.56 -0.38 0.00	39.05 -0.30 0.00	32.66 -0.14 0.00	29.69 0.37 0.00
OXBOW____ 24026	31.01 -0.60 0.00	27.69 -0.65 0.00	28.15 -0.49 0.00	25.55 -0.40 0.00	24.94 -0.32 0.00	24.06 -0.47 0.00	22.02 -0.31 0.00	19.39 -0.31 0.00	30.68 -0.38 0.00	31.75 0.14 0.00	37.38 -0.30 0.00	35.88 -0.53 0.00	36.55 -0.73 0.00	33.55 -0.64 0.00	37.35 -1.01 0.00	38.72 -1.24 0.00	36.23 -0.99 0.00	34.50 -0.75 0.00	34.11 -0.82 0.00	30.72 -0.47 0.00	34.25 -0.69 0.00	38.71 -0.64 0.00	32.40 -0.40 0.00	29.49 0.18 0.00
OXY_CHEM_DSASP 323612	30.55 -1.06 0.00	27.35 -0.99 0.00	27.80 -0.84 0.00	25.24 -0.71 0.00	24.64 -0.62 0.00	23.76 -0.76 0.00	21.74 -0.60 0.00	19.07 -0.63 0.00	30.10 -0.95 0.00	31.15 -0.46 0.00	36.68 -0.99 0.00	35.24 -1.17 0.00	35.89 -1.38 0.00	32.93 -1.26 0.00	36.63 -1.72 0.00	38.02 -1.94 0.00	35.57 -1.66 0.00	33.90 -1.36 0.00	33.52 -1.41 0.00	30.19 -1.00 0.00	33.69 -1.24 0.00	38.10 -1.25 0.00	31.93 -0.87 0.00	29.11 -0.20 0.00
OZONE_PARK_ESR 323760	33.76 2.15 0.00	30.22 1.88 0.00	30.24 1.60 0.00	27.33 1.39 0.00	26.59 1.34 0.00	25.90 1.37 0.00	23.72 1.39 0.00	75.77 1.24 -54.83	35.44 2.08 -2.32	87.56 2.11 -53.84	40.45 2.78 0.00	39.31 2.90 0.00	40.29 3.02 0.00	39.07 2.92 -1.96	41.62 3.26 0.00	43.42 3.46 0.00	40.52 3.30 0.00	38.48 3.23 0.00	37.81 2.88 0.00	33.41 2.22 0.00	37.22 2.29 0.00	41.80 2.46 0.00	34.95 2.15 0.00	31.19 1.88 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.55 -1.06 0.00	27.35 -0.99 0.00	27.80 -0.84 0.00	25.24 -0.71 0.00	24.64 -0.62 0.00	23.76 -0.76 0.00	21.74 -0.60 0.00	19.07 -0.63 0.00	30.10 -0.95 0.00	31.15 -0.46 0.00	36.68 -0.99 0.00	35.24 -1.17 0.00	35.89 -1.38 0.00	32.93 -1.26 0.00	36.63 -1.72 0.00	38.02 -1.94 0.00	35.57 -1.66 0.00	33.90 -1.36 0.00	33.52 -1.41 0.00	30.19 -1.00 0.00	33.69 -1.24 0.00	38.10 -1.25 0.00	31.93 -0.87 0.00	29.11 -0.20 0.00
PACKARD__115KV_DUPONT_184 80571	30.55 -1.06 0.00	27.35 -0.99 0.00	27.80 -0.84 0.00	25.24 -0.71 0.00	24.64 -0.62 0.00	23.76 -0.76 0.00	21.74 -0.60 0.00	19.07 -0.63 0.00	30.10 -0.95 0.00	31.15 -0.46 0.00	36.68 -0.99 0.00	35.24 -1.17 0.00	35.89 -1.38 0.00	32.93 -1.26 0.00	36.63 -1.72 0.00	38.02 -1.94 0.00	35.57 -1.66 0.00	33.90 -1.36 0.00	33.52 -1.41 0.00	30.19 -1.00 0.00	33.69 -1.24 0.00	38.10 -1.25 0.00	31.93 -0.87 0.00	29.11 -0.20 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.35 1.74 0.00	29.95 1.61 0.00	29.95 1.31 0.00	27.09 1.14 0.00	26.36 1.11 0.00	25.69 1.16 0.00	23.53 1.19 0.00	75.56 1.04 -54.81	35.11 1.74 -2.32	87.12 1.67 -53.83	39.92 2.25 0.00	38.81 2.40 0.00	39.79 2.52 0.00	38.59 2.44 -1.96	41.10 2.74 0.00	42.80 2.84 0.00	39.99 2.77 0.00	37.94 2.69 0.00	37.21 2.28 0.00	32.89 1.70 0.00	36.58 1.64 0.00	41.18 1.84 0.00	34.47 1.67 0.00	30.77 1.46 0.00



PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.37 1.77 0.00	30.00 1.66 0.00	30.08 1.44 0.00	27.22 1.27 0.00	26.48 1.23 0.00	25.74 1.21 0.00	23.54 1.21 0.00	75.57 1.05 -54.81	35.10 1.73 -2.32	87.25 1.80 -53.83	40.06 2.38 0.00	38.96 2.55 0.00	39.96 2.68 0.00	38.73 2.58 -1.96	41.27 2.91 0.00	42.98 3.03 0.00	40.18 2.95 0.00	38.00 2.75 0.00	37.25 2.32 0.00	32.90 1.71 0.00	36.57 1.63 0.00	41.20 1.86 0.00	34.50 1.71 0.00	30.81 1.50 0.00
PATROON__115KV_TB1 80586	32.59 0.99 0.00	29.33 0.99 0.00	29.50 0.86 0.00	26.76 0.82 0.00	26.05 0.80 0.00	25.36 0.83 0.00	23.09 0.76 0.00	33.06 0.68 -12.68	32.64 1.05 -0.54	45.08 1.00 -12.46	39.01 1.34 0.00	37.85 1.44 0.00	38.73 1.46 0.00	35.95 1.31 -0.45	39.78 1.42 0.00	41.34 1.39 0.00	38.61 1.39 0.00	36.65 1.40 0.00	36.19 1.27 0.00	32.24 1.05 0.00	36.08 1.14 0.00	40.53 1.19 0.00	33.89 1.09 0.00	30.26 0.95 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.36 -0.25 0.00	27.96 -0.38 0.00	28.36 -0.28 0.00	25.71 -0.24 0.00	25.11 -0.14 0.00	24.33 -0.20 0.00	22.27 -0.07 0.00	19.73 0.03 0.00	31.24 0.19 0.00	32.26 0.64 0.00	38.14 0.47 0.00	36.67 0.26 0.00	37.49 0.21 0.00	34.44 0.24 0.00	38.41 0.05 0.00	39.94 -0.03 0.00	37.35 0.13 0.00	35.50 0.24 0.00	35.10 0.18 0.00	31.49 0.30 0.00	35.09 0.15 0.00	39.65 0.30 0.00	33.11 0.32 0.00	29.92 0.60 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.63 2.02 0.00	30.12 1.78 0.00	30.18 1.54 0.00	27.29 1.34 0.00	26.55 1.30 0.00	25.86 1.33 0.00	23.65 1.32 0.00	43.31 1.20 -22.41	33.99 1.99 -0.95	55.61 1.99 -22.01	40.31 2.64 0.00	39.16 2.75 0.00	40.14 2.87 0.00	37.75 2.77 -0.79	41.44 3.08 0.00	43.22 3.27 0.00	40.40 3.17 0.00	38.40 3.15 0.00	37.82 2.89 0.00	33.46 2.27 0.00	37.28 2.35 0.00	41.88 2.54 0.00	34.96 2.16 0.00	31.16 1.85 0.00
PEEKSKILL____ 23653	33.19 1.59 0.00	29.77 1.44 0.00	29.83 1.19 0.00	26.97 1.02 0.00	26.24 0.98 0.00	25.56 1.03 0.00	23.35 1.02 0.00	84.14 0.91 -63.53	35.26 1.53 -2.69	95.51 1.51 -62.39	39.74 2.06 0.00	38.58 2.17 0.00	39.52 2.24 0.00	38.65 2.19 -2.28	40.79 2.43 0.00	42.52 2.57 0.00	39.71 2.48 0.00	37.72 2.46 0.00	37.12 2.19 0.00	32.82 1.63 0.00	36.60 1.67 0.00	41.12 1.78 0.00	34.37 1.57 0.00	30.67 1.36 0.00
PGE MADISON__WINDPWR 24146	33.59 1.99 0.00	30.03 1.69 0.00	30.40 1.77 0.00	27.52 1.57 0.00	26.88 1.63 0.00	26.14 1.61 0.00	23.94 1.61 0.00	21.22 1.52 0.00	33.42 2.37 0.00	34.09 2.47 0.00	40.45 2.78 0.00	38.76 2.35 0.00	39.80 2.53 0.00	36.52 2.33 0.00	41.07 2.72 0.00	42.80 2.85 0.00	40.16 2.93 0.00	38.24 2.98 0.00	38.10 3.17 0.00	34.17 2.98 0.00	38.04 3.11 0.00	42.76 3.41 0.00	35.48 2.69 0.00	31.53 2.22 0.00
PIERCEFIELD__HYD 23852	31.65 0.04 0.00	28.32 -0.02 0.00	28.73 0.09 0.00	26.06 0.12 0.00	25.32 0.07 0.00	24.58 0.06 0.00	22.38 0.05 0.00	19.60 -0.10 0.00	30.86 -0.19 0.00	31.43 -0.19 0.00	37.33 -0.34 0.00	35.83 -0.58 0.00	36.65 -0.63 0.00	33.19 -1.00 0.00	37.36 -0.99 0.00	38.98 -0.98 0.00	36.17 -1.05 0.00	34.18 -1.07 0.00	33.91 -1.02 0.00	30.44 -0.75 0.00	34.30 -0.63 0.00	39.25 -0.09 0.00	32.88 0.08 0.00	29.47 0.15 0.00
PINELAWN_CC_1 323563	55.06 2.80 -20.65	60.91 2.55 -30.02	70.77 2.22 -39.91	64.24 1.96 -36.33	59.96 1.90 -32.81	49.26 1.89 -22.83	52.45 1.86 -28.26	96.13 1.66 -74.78	72.80 2.80 -38.95	97.37 2.66 -63.09	57.01 3.21 -16.12	60.52 3.13 -20.98	53.43 3.17 -12.98	55.84 3.13 -18.52	60.55 3.34 -18.85	48.79 3.48 -5.36	51.84 3.25 -11.37	52.44 3.26 -13.92	62.84 2.91 -25.00	33.35 2.09 -0.07	37.16 2.23 0.00	41.85 2.51 0.00	35.55 2.75 0.00	31.68 2.36 0.00
PJM_GEN_HTP_PROXY 323702	33.35 1.74 0.00	29.89 1.54 0.00	29.93 1.29 0.00	27.05 1.11 0.00	26.32 1.07 0.00	25.63 1.10 0.00	23.46 1.12 0.00	75.55 1.00 -54.84	35.06 1.69 -2.32	87.18 1.70 -53.86	39.98 2.30 0.00	38.84 2.43 0.00	39.80 2.52 0.00	38.63 2.47 -1.96	41.11 2.75 0.00	42.86 2.90 0.00	40.00 2.77 0.00	37.97 2.72 0.00	37.33 2.40 0.00	32.98 1.79 0.00	36.75 1.81 0.00	41.27 1.93 0.00	34.51 1.71 0.00	30.81 1.50 0.00
PJM_GEN_KEystone 24065	19.41 0.36 12.55	19.09 0.27 9.52	18.07 0.17 10.74	24.51 0.13 1.57	25.43 0.18 0.00	21.54 0.21 3.20	22.61 0.27 0.00	-62.48 0.27 82.46	28.16 0.52 3.41	-47.54 0.65 79.80	38.55 0.87 0.00	37.24 0.83 0.00	38.12 0.85 0.00	32.19 0.84 2.84	39.21 0.85 0.00	40.86 0.90 0.00	38.16 0.94 0.00	36.25 1.00 0.00	35.70 0.77 0.00	31.69 0.49 0.00	35.34 0.41 0.00	39.78 0.43 0.00	33.26 0.46 0.00	27.26 0.54 2.59
PJM_GEN_NEPTUNE_PROXY 323594	46.57 2.30 -12.67	55.14 2.09 -24.71	60.26 1.78 -29.84	54.68 1.57 -27.16	51.31 1.53 -24.53	43.12 1.52 -17.07	44.96 1.50 -21.12	90.55 1.32 -69.53	62.34 2.23 -29.06	93.57 2.11 -59.85	51.49 2.87 -10.95	55.03 2.93 -15.69	49.99 3.00 -9.71	51.40 2.87 -14.35	54.28 3.14 -12.78	47.06 3.28 -3.83	48.90 3.15 -8.51	48.78 3.11 -10.42	61.74 2.72 -24.09	33.05 1.86 0.00	36.90 1.96 0.00	41.50 2.16 0.00	34.95 2.16 0.00	31.17 1.86 0.00
PJM_GEN_VFT_PROXY 323633	33.19 1.58 0.00	29.72 1.38 0.00	29.76 1.12 0.00	26.91 0.96 0.00	26.17 0.92 0.00	25.47 0.94 0.00	23.32 0.99 0.00	23.94 0.87 -3.37	33.79 1.47 -1.27	53.18 1.47 -20.09	39.72 2.05 0.00	38.60 2.19 0.00	39.56 2.29 0.00	38.10 2.23 -1.68	40.83 2.47 0.00	42.58 2.63 0.00	39.77 2.54 0.00	37.75 2.50 0.00	37.08 2.16 0.00	32.76 1.57 0.00	36.51 1.57 0.00	41.01 1.67 0.00	34.29 1.50 0.00	30.63 1.32 0.00
PLATSBRG_115KV_PMLD1 355749	31.97 0.37 0.00	28.61 0.27 0.00	28.94 0.31 0.00	26.23 0.28 0.00	25.50 0.25 0.00	24.90 0.38 0.00	22.83 0.50 0.00	20.22 0.52 0.00	31.90 0.85 0.00	32.33 0.72 0.00	38.64 0.96 0.00	37.25 0.84 0.00	38.05 0.77 0.00	34.78 0.59 0.00	39.18 0.82 0.00	40.66 0.71 0.00	37.67 0.45 0.00	35.63 0.38 0.00	35.37 0.45 0.00	31.68 0.49 0.00	35.55 0.62 0.00	40.18 0.84 0.00	33.39 0.60 0.00	29.81 0.50 0.00
PLEASANTVLY__LBMP 24000	33.14 1.53 0.00	29.72 1.38 0.00	29.81 1.17 0.00	26.96 1.01 0.00	26.23 0.98 0.00	25.54 1.01 0.00	23.32 0.99 0.00	46.14 0.89 -25.56	33.61 1.48 -1.08	58.14 1.43 -25.10	39.63 1.95 0.00	38.46 2.05 0.00	39.40 2.12 0.00	37.16 2.06 -0.91	40.62 2.26 0.00	42.31 2.35 0.00	39.51 2.28 0.00	37.52 2.27 0.00	36.97 2.04 0.00	32.73 1.55 0.00	36.52 1.59 0.00	41.07 1.72 0.00	34.34 1.54 0.00	30.66 1.35 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.35 1.75 0.00	29.90 1.56 0.00	29.96 1.32 0.00	27.08 1.13 0.00	26.34 1.09 0.00	25.66 1.13 0.00	23.46 1.13 0.00	63.73 1.01 -43.02	34.56 1.69 -1.82	75.53 1.67 -42.24	39.93 2.26 0.00	38.78 2.37 0.00	39.73 2.45 0.00	38.13 2.40 -1.54	41.02 2.66 0.00	42.75 2.80 0.00	39.93 2.70 0.00	37.92 2.67 0.00	37.33 2.40 0.00	33.01 1.82 0.00	36.79 1.86 0.00	41.35 2.01 0.00	34.57 1.77 0.00	30.85 1.54 0.00



PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.35 1.75 0.00	29.90 1.56 0.00	29.96 1.32 0.00	27.08 1.13 0.00	26.34 1.09 0.00	25.66 1.13 0.00	23.46 1.13 0.00	63.73 1.01 -43.02	34.56 1.69 -1.82	75.53 1.67 -42.24	39.93 2.26 0.00	38.78 2.37 0.00	39.73 2.45 0.00	38.13 2.40 -1.54	41.02 2.66 0.00	42.75 2.80 0.00	39.93 2.70 0.00	37.92 2.67 0.00	37.33 2.40 0.00	33.01 1.82 0.00	36.79 1.86 0.00	41.35 2.01 0.00	34.57 1.77 0.00	30.85 1.54 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.40 1.80 0.00	29.94 1.60 0.00	30.02 1.39 0.00	27.15 1.20 0.00	26.42 1.16 0.00	25.72 1.19 0.00	23.50 1.17 0.00	36.46 1.07 -15.69	33.49 1.77 -0.66	48.76 1.74 -15.41	40.02 2.35 0.00	38.87 2.46 0.00	39.87 2.60 0.00	37.27 2.52 -0.56	41.10 2.74 0.00	42.87 2.92 0.00	40.07 2.84 0.00	38.08 2.82 0.00	37.53 2.60 0.00	33.23 2.04 0.00	37.06 2.13 0.00	41.65 2.30 0.00	34.78 1.98 0.00	31.01 1.70 0.00
POLETTI____ 23519	33.33 1.72 0.00	29.87 1.53 0.00	29.90 1.26 0.00	27.04 1.10 0.00	26.31 1.06 0.00	25.61 1.09 0.00	23.45 1.12 0.00	75.51 0.99 -54.83	35.03 1.67 -2.32	87.12 1.67 -53.84	39.93 2.26 0.00	38.80 2.39 0.00	39.77 2.49 0.00	38.59 2.44 -1.96	41.07 2.71 0.00	42.81 2.86 0.00	39.98 2.76 0.00	37.96 2.70 0.00	37.30 2.37 0.00	32.95 1.76 0.00	36.72 1.78 0.00	41.24 1.89 0.00	34.48 1.68 0.00	30.79 1.48 0.00
POMONA____ESR 323819	33.15 1.55 0.00	29.73 1.39 0.00	29.78 1.15 0.00	26.93 0.98 0.00	26.20 0.95 0.00	25.51 0.98 0.00	23.30 0.97 0.00	-54.87 0.87 75.43	29.33 1.47 3.19	-41.01 1.45 74.08	39.69 2.01 0.00	38.52 2.11 0.00	39.42 2.14 0.00	33.58 2.10 2.70	40.69 2.33 0.00	42.44 2.49 0.00	39.64 2.42 0.00	37.65 2.39 0.00	37.03 2.11 0.00	32.73 1.54 0.00	36.51 1.57 0.00	41.00 1.66 0.00	34.25 1.45 0.00	30.55 1.24 0.00
PORT_JEFF_3 23555	55.33 3.07 -20.65	61.34 2.79 -30.21	70.97 2.42 -39.91	64.43 2.15 -36.33	60.15 2.09 -32.81	49.37 2.01 -22.83	52.54 1.95 -28.26	96.24 1.77 -74.78	73.09 3.08 -38.95	97.54 2.83 -63.09	57.55 3.76 -16.12	61.15 3.76 -20.98	54.11 3.85 -12.98	56.42 3.71 -18.52	87.49 4.02 -45.10	49.46 4.15 -5.36	52.62 4.02 -11.38	53.14 3.95 -13.93	63.50 3.57 -25.00	34.74 2.49 -1.07	37.40 2.47 0.00	42.10 2.76 0.00	35.68 2.88 0.00	31.83 2.52 0.00
PORT_JEFF_4 23616	55.33 3.07 -20.65	61.34 2.79 -30.21	70.97 2.42 -39.91	64.43 2.15 -36.33	60.15 2.09 -32.81	49.37 2.01 -22.83	52.54 1.95 -28.26	96.24 1.77 -74.78	73.09 3.08 -38.95	97.54 2.83 -63.09	57.55 3.76 -16.12	61.15 3.76 -20.98	54.11 3.85 -12.98	56.42 3.71 -18.52	87.49 4.02 -45.10	49.46 4.15 -5.36	52.62 4.02 -11.38	53.14 3.95 -13.93	63.50 3.57 -25.00	34.74 2.49 -1.07	37.40 2.47 0.00	42.10 2.76 0.00	35.68 2.88 0.00	31.83 2.52 0.00
PORT_JEFF_IC 23713	55.40 3.15 -20.65	61.40 2.86 -30.21	71.03 2.48 -39.91	64.48 2.19 -36.33	60.19 2.13 -32.81	49.42 2.06 -22.83	52.58 2.00 -28.26	96.28 1.81 -74.78	73.17 3.18 -38.95	97.60 2.90 -63.09	57.65 3.85 -16.12	61.26 3.87 -20.98	54.22 3.96 -12.98	56.53 3.82 -18.52	91.73 4.16 -49.21	49.54 4.22 -5.36	52.68 4.08 -11.38	53.21 4.02 -13.93	63.58 3.66 -25.00	34.98 2.56 -1.23	37.50 2.57 0.00	42.27 2.93 0.00	35.79 3.00 0.00	31.91 2.60 0.00
PPL PILGRIM_ST_GT1 24216	55.27 3.01 -20.65	61.33 2.81 -30.18	71.02 2.47 -39.91	64.49 2.20 -36.33	60.20 2.14 -32.81	49.46 2.10 -22.83	52.63 2.04 -28.26	96.32 1.84 -74.78	73.15 3.15 -38.95	97.69 2.98 -63.09	57.68 3.89 -16.12	61.24 3.85 -20.98	54.09 3.84 -12.98	56.38 3.66 -18.52	65.07 3.93 -22.78	49.37 4.06 -5.36	52.39 3.79 -11.37	52.89 3.71 -13.92	63.25 3.33 -25.00	33.71 2.30 -0.22	37.55 2.62 0.00	42.23 2.88 0.00	35.78 2.99 0.00	31.91 2.60 0.00
PPL PILGRIM_ST_GT2 24217	55.27 3.01 -20.65	61.33 2.81 -30.18	71.02 2.47 -39.91	64.49 2.20 -36.33	60.20 2.14 -32.81	49.46 2.10 -22.83	52.63 2.04 -28.26	96.32 1.84 -74.78	73.15 3.15 -38.95	97.69 2.98 -63.09	57.68 3.89 -16.12	61.24 3.85 -20.98	54.09 3.84 -12.98	56.38 3.66 -18.52	65.07 3.93 -22.78	49.37 4.06 -5.36	52.39 3.79 -11.37	52.89 3.71 -13.92	63.25 3.33 -25.00	33.71 2.30 -0.22	37.55 2.62 0.00	42.23 2.88 0.00	35.78 2.99 0.00	31.91 2.60 0.00
PPL_SHRM_GT3 24213	55.66 3.41 -20.65	61.62 3.08 -30.21	71.27 2.71 -39.91	64.67 2.39 -36.33	60.37 2.31 -32.81	49.38 2.02 -22.83	52.54 1.95 -28.26	96.29 1.81 -74.78	73.31 3.31 -38.95	97.72 3.02 -63.09	57.95 4.15 -16.12	61.56 4.17 -20.98	54.55 4.29 -12.98	56.85 4.14 -18.52	88.51 4.54 -45.61	49.90 4.58 -5.36	53.01 4.41 -11.38	53.41 4.23 -13.93	63.80 3.87 -25.00	35.19 2.92 -1.09	37.92 2.98 0.00	42.57 3.23 0.00	35.95 3.15 0.00	32.01 2.69 0.00
PPL_SHRM_GT4 24214	55.66 3.41 -20.65	61.62 3.08 -30.21	71.27 2.71 -39.91	64.67 2.39 -36.33	60.37 2.31 -32.81	49.38 2.02 -22.83	52.54 1.95 -28.26	96.29 1.81 -74.78	73.31 3.31 -38.95	97.72 3.02 -63.09	57.95 4.15 -16.12	61.56 4.17 -20.98	54.55 4.29 -12.98	56.85 4.14 -18.52	88.51 4.54 -45.61	49.90 4.58 -5.36	53.01 4.41 -11.38	53.41 4.23 -13.93	63.80 3.87 -25.00	35.19 2.92 -1.09	37.92 2.98 0.00	42.57 3.23 0.00	35.95 3.15 0.00	32.01 2.69 0.00
PROJECT___ORANGE 1 24174	31.21 -0.40 0.00	27.95 -0.39 0.00	28.24 -0.40 0.00	25.58 -0.37 0.00	24.93 -0.33 0.00	24.22 -0.31 0.00	22.07 -0.26 0.00	19.47 -0.23 0.00	30.67 -0.39 0.00	31.29 -0.32 0.00	37.25 -0.43 0.00	35.97 -0.45 0.00	36.84 -0.44 0.00	33.83 -0.36 0.00	37.93 -0.43 0.00	39.54 -0.41 0.00	36.93 -0.30 0.00	35.04 -0.22 0.00	34.71 -0.21 0.00	31.01 -0.18 0.00	34.64 -0.30 0.00	38.93 -0.41 0.00	32.43 -0.37 0.00	29.01 -0.30 0.00
PROJECT___ORANGE 2 24166	31.21 -0.40 0.00	27.95 -0.39 0.00	28.24 -0.40 0.00	25.58 -0.37 0.00	24.93 -0.33 0.00	24.22 -0.31 0.00	22.07 -0.26 0.00	19.47 -0.23 0.00	30.67 -0.39 0.00	31.29 -0.32 0.00	37.25 -0.43 0.00	35.97 -0.45 0.00	36.84 -0.44 0.00	33.83 -0.36 0.00	37.93 -0.43 0.00	39.54 -0.41 0.00	36.93 -0.30 0.00	35.04 -0.22 0.00	34.71 -0.21 0.00	31.01 -0.18 0.00	34.64 -0.30 0.00	38.93 -0.41 0.00	32.43 -0.37 0.00	29.01 -0.30 0.00
PUCKETT___SOLAR 323809	32.23 0.63 0.00	28.82 0.48 0.00	29.17 0.53 0.00	26.38 0.43 0.00	25.74 0.49 0.00	25.06 0.53 0.00	22.87 0.54 0.00	20.25 0.55 0.00	31.94 0.89 0.00	32.53 0.92 0.00	38.69 1.02 0.00	37.20 0.79 0.00	38.11 0.83 0.00	34.97 0.78 0.00	39.21 0.86 0.00	40.90 0.94 0.00	38.25 1.02 0.00	36.43 1.17 0.00	36.14 1.21 0.00	32.30 1.11 0.00	36.06 1.13 0.00	40.57 1.22 0.00	33.78 0.98 0.00	30.18 0.87 0.00
PYRITES___HYD 24023	32.16 0.56 0.00	28.75 0.41 0.00	29.21 0.57 0.00	26.51 0.56 0.00	25.77 0.52 0.00	24.99 0.46 0.00	22.78 0.45 0.00	19.98 0.28 0.00	31.46 0.41 0.00	32.10 0.48 0.00	38.09 0.42 0.00	36.64 0.22 0.00	37.50 0.22 0.00	34.07 -0.12 0.00	38.36 0.00 0.00	39.98 0.03 0.00	37.10 -0.12 0.00	34.95 -0.31 0.00	34.65 -0.28 0.00	31.14 -0.05 0.00	35.10 0.16 0.00	40.11 0.77 0.00	33.49 0.69 0.00	29.94 0.63 0.00



QUAKERRD_115KV_BK1 80622	30.45 -1.16 0.00	27.22 -1.12 0.00	27.53 -1.11 0.00	24.96 -0.98 0.00	24.34 -0.91 0.00	23.60 -0.93 0.00	21.57 -0.76 0.00	18.99 -0.71 0.00	29.97 -1.09 0.00	30.76 -0.85 0.00	36.48 -1.20 0.00	35.16 -1.25 0.00	36.00 -1.28 0.00	33.08 -1.11 0.00	37.09 -1.27 0.00	38.72 -1.23 0.00	36.25 -0.97 0.00	34.42 -0.84 0.00	34.14 -0.79 0.00	30.58 -0.61 0.00	34.12 -0.81 0.00	38.43 -0.91 0.00	32.05 -0.75 0.00	28.79 -0.53 0.00
QUENSBRY_115KV_TB8 356137	33.73 2.13 0.00	30.11 1.77 0.00	30.29 1.66 0.00	27.44 1.50 0.00	26.73 1.48 0.00	26.11 1.59 0.00	23.91 1.58 0.00	33.36 1.43 -12.23	33.90 2.33 -0.52	45.90 2.27 -12.01	40.32 2.65 0.00	39.13 2.72 0.00	39.88 2.60 0.00	36.79 2.17 -0.44	40.78 2.42 0.00	42.39 2.43 0.00	39.58 2.36 0.00	37.59 2.34 0.00	37.39 2.46 0.00	33.24 2.04 0.00	37.49 2.55 0.00	42.11 2.76 0.00	35.21 2.41 0.00	31.45 2.14 0.00
RAMAPO___LBMP 323565	33.03 1.42 0.00	29.62 1.28 0.00	29.68 1.04 0.00	26.83 0.89 0.00	26.11 0.86 0.00	25.43 0.90 0.00	23.23 0.89 0.00	-51.64 -0.79 72.13	29.34 1.34 3.05	-37.90 1.32 70.83	39.51 1.84 0.00	38.35 1.94 0.00	39.27 1.99 0.00	33.56 1.95 2.58	40.53 2.17 0.00	42.25 2.30 0.00	39.46 2.24 0.00	37.49 2.23 0.00	36.89 1.96 0.00	32.61 1.42 0.00	36.38 1.45 0.00	40.86 1.52 0.00	34.14 1.34 0.00	30.46 1.15 0.00
RANKINE____ 23646	31.33 -0.27 0.00	27.95 -0.39 0.00	28.34 -0.30 0.00	25.71 -0.24 0.00	25.11 -0.14 0.00	24.30 -0.23 0.00	22.24 -0.09 0.00	19.70 0.00 0.00	31.22 0.17 0.00	32.26 0.64 0.00	38.12 0.45 0.00	36.66 0.24 0.00	37.44 0.16 0.00	34.38 0.18 0.00	38.32 -0.04 0.00	39.84 -0.12 -0.01	37.18 -0.04 0.00	35.37 0.11 0.00	34.98 0.06 0.00	31.42 0.22 0.00	35.01 0.08 0.00	39.56 0.22 0.00	33.05 0.25 0.00	29.88 0.57 0.00
RAVENSWOOD_GT2_1 24244	33.38 1.77 0.00	29.92 1.58 0.00	29.96 1.32 0.00	27.07 1.13 0.00	26.34 1.09 0.00	25.66 1.13 0.00	23.48 1.15 0.00	75.54 1.02 -54.81	35.09 1.72 -2.32	87.16 1.72 -53.83	40.00 2.33 0.00	38.86 2.45 0.00	39.83 2.55 0.00	38.64 2.48 -1.96	41.12 2.76 0.00	42.87 2.92 0.00	40.04 2.81 0.00	38.01 2.75 0.00	37.35 2.43 0.00	33.00 1.81 0.00	36.77 1.83 0.00	41.30 1.96 0.00	34.54 1.75 0.00	30.84 1.53 0.00
RAVENSWOOD_GT2_2 24245	33.38 1.77 0.00	29.92 1.58 0.00	29.96 1.32 0.00	27.07 1.13 0.00	26.34 1.09 0.00	25.66 1.13 0.00	23.48 1.15 0.00	75.54 1.02 -54.81	35.09 1.72 -2.32	87.16 1.72 -53.83	40.00 2.33 0.00	38.86 2.45 0.00	39.83 2.55 0.00	38.64 2.48 -1.96	41.12 2.76 0.00	42.87 2.92 0.00	40.04 2.81 0.00	38.01 2.75 0.00	37.35 2.43 0.00	33.00 1.81 0.00	36.77 1.83 0.00	41.30 1.96 0.00	34.54 1.75 0.00	30.84 1.53 0.00
RAVENSWOOD_GT2_3 24246	33.39 1.79 0.00	29.94 1.60 0.00	29.97 1.33 0.00	27.09 1.14 0.00	26.36 1.10 0.00	25.67 1.14 0.00	23.49 1.16 0.00	75.55 1.04 -54.81	35.10 1.73 -2.32	87.18 1.74 -53.83	40.01 2.34 0.00	38.87 2.46 0.00	39.84 2.56 0.00	38.65 2.50 -1.96	41.14 2.78 0.00	42.90 2.94 0.00	40.05 2.82 0.00	38.03 2.77 0.00	37.37 2.45 0.00	33.02 1.83 0.00	36.79 1.86 0.00	41.33 1.98 0.00	34.56 1.76 0.00	30.86 1.55 0.00
RAVENSWOOD_GT2_4 24247	33.39 1.79 0.00	29.94 1.60 0.00	29.97 1.33 0.00	27.09 1.14 0.00	26.36 1.10 0.00	25.67 1.14 0.00	23.49 1.16 0.00	75.55 1.04 -54.81	35.10 1.73 -2.32	87.18 1.74 -53.83	40.01 2.34 0.00	38.87 2.46 0.00	39.84 2.56 0.00	38.65 2.50 -1.96	41.14 2.78 0.00	42.90 2.94 0.00	40.05 2.82 0.00	38.03 2.77 0.00	37.37 2.45 0.00	33.02 1.83 0.00	36.79 1.86 0.00	41.33 1.98 0.00	34.56 1.76 0.00	30.86 1.55 0.00
RAVENSWOOD_GT3_1 24248	33.38 1.77 0.00	29.92 1.58 0.00	29.96 1.32 0.00	27.07 1.13 0.00	26.34 1.09 0.00	25.66 1.13 0.00	23.48 1.15 0.00	75.54 1.02 -54.81	35.09 1.72 -2.32	87.17 1.72 -53.83	40.00 2.33 0.00	38.86 2.45 0.00	39.83 2.55 0.00	38.64 2.48 -1.96	41.13 2.77 0.00	42.88 2.92 0.00	40.04 2.81 0.00	38.01 2.75 0.00	37.35 2.43 0.00	33.00 1.81 0.00	36.77 1.83 0.00	41.30 1.96 0.00	34.54 1.74 0.00	30.84 1.53 0.00
RAVENSWOOD_GT3_2 24249	33.38 1.77 0.00	29.92 1.58 0.00	29.96 1.32 0.00	27.07 1.13 0.00	26.34 1.09 0.00	25.66 1.13 0.00	23.48 1.15 0.00	75.54 1.02 -54.81	35.09 1.72 -2.32	87.17 1.72 -53.83	40.00 2.33 0.00	38.86 2.45 0.00	39.83 2.55 0.00	38.64 2.48 -1.96	41.13 2.77 0.00	42.88 2.92 0.00	40.04 2.81 0.00	38.01 2.75 0.00	37.35 2.43 0.00	33.00 1.81 0.00	36.77 1.83 0.00	41.30 1.96 0.00	34.54 1.74 0.00	30.84 1.53 0.00
RAVENSWOOD_GT3_3 24250	33.45 1.84 0.00	29.97 1.62 0.00	30.00 1.36 0.00	27.12 1.17 0.00	26.39 1.13 0.00	25.69 1.17 0.00	23.52 1.19 0.00	75.57 1.06 -54.81	35.16 1.79 -2.32	87.24 1.79 -53.83	40.09 2.41 0.00	38.95 2.54 0.00	39.90 2.63 0.00	38.71 2.56 -1.96	41.21 2.85 0.00	42.96 3.01 0.00	40.11 2.89 0.00	38.08 2.83 0.00	37.43 2.50 0.00	33.07 1.88 0.00	36.84 1.91 0.00	41.39 2.05 0.00	34.61 1.82 0.00	30.90 1.58 0.00
RAVENSWOOD_GT3_4 24251	33.44 1.83 0.00	29.97 1.63 0.00	30.00 1.36 0.00	27.12 1.17 0.00	26.39 1.13 0.00	25.70 1.17 0.00	23.52 1.19 0.00	75.57 1.06 -54.81	35.15 1.78 -2.32	87.24 1.79 -53.83	40.09 2.41 0.00	38.94 2.53 0.00	39.90 2.62 0.00	38.71 2.56 -1.96	41.21 2.85 0.00	42.96 3.01 0.00	40.11 2.88 0.00	38.09 2.83 0.00	37.43 2.50 0.00	33.07 1.88 0.00	36.84 1.91 0.00	41.39 2.05 0.00	34.61 1.82 0.00	30.90 1.58 0.00
RAVENSWOOD_GT_1 23729	33.39 1.79 0.00	29.95 1.61 0.00	29.96 1.32 0.00	27.08 1.14 0.00	26.35 1.10 0.00	25.68 1.15 0.00	23.51 1.17 0.00	75.56 1.05 -54.81	35.14 1.77 -2.32	87.21 1.76 -53.83	40.03 2.36 0.00	38.91 2.50 0.00	39.90 2.62 0.00	38.69 2.54 -1.96	41.20 2.84 0.00	42.94 2.98 0.00	40.11 2.88 0.00	38.06 2.81 0.00	37.36 2.43 0.00	33.02 1.83 0.00	36.74 1.81 0.00	41.30 1.96 0.00	34.59 1.79 0.00	30.88 1.57 0.00
RAVENSWOOD_GT_10 24258	33.39 1.78 0.00	29.92 1.58 0.00	29.96 1.32 0.00	27.08 1.13 0.00	26.34 1.09 0.00	25.66 1.13 0.00	23.48 1.15 0.00	75.54 1.02 -54.81	35.09 1.72 -2.32	87.17 1.72 -53.83	40.00 2.33 0.00	38.86 2.45 0.00	39.83 2.55 0.00	38.64 2.49 -1.96	41.13 2.77 0.00	42.88 2.93 0.00	40.03 2.81 0.00	38.01 2.75 0.00	37.35 2.43 0.00	33.01 1.82 0.00	36.77 1.84 0.00	41.31 1.96 0.00	34.55 1.76 0.00	30.84 1.53 0.00
RAVENSWOOD_GT_11 24259	33.38 1.77 0.00	29.92 1.58 0.00	29.96 1.32 0.00	27.07 1.13 0.00	26.34 1.09 0.00	25.66 1.13 0.00	23.48 1.15 0.00	75.54 1.02 -54.81	35.09 1.72 -2.32	87.17 1.73 -53.83	40.00 2.33 0.00	38.87 2.45 0.00	39.83 2.55 0.00	38.64 2.49 -1.96	41.13 2.77 0.00	42.88 2.92 0.00	40.04 2.81 0.00	38.01 2.75 0.00	37.35 2.43 0.00	33.01 1.81 0.00	36.77 1.84 0.00	41.31 1.96 0.00	34.55 1.75 0.00	30.84 1.53 0.00



RAVENSWOOD_GT_4 24252	33.39 1.79 0.00	29.91 1.57 0.00	29.95 1.31 0.00	27.08 1.13 0.00	26.34 1.09 0.00	25.66 1.13 0.00	23.48 1.15 0.00	75.54 1.02 -54.81	35.09 1.72 -2.32	87.16 1.72 -53.83	40.00 2.33 0.00	38.85 2.44 0.00	39.82 2.55 0.00	38.63 2.48 -1.96	41.11 2.75 0.00	42.87 2.91 0.00	40.03 2.81 0.00	38.00 2.75 0.00	37.35 2.43 0.00	33.01 1.82 0.00	36.78 1.85 0.00	41.31 1.97 0.00	34.54 1.75 0.00	30.84 1.53 0.00
RAVENSWOOD_GT_5 24254	33.39 1.79 0.00	29.91 1.57 0.00	29.95 1.31 0.00	27.08 1.13 0.00	26.34 1.09 0.00	25.66 1.13 0.00	23.48 1.15 0.00	75.54 1.02 -54.81	35.09 1.72 -2.32	87.16 1.72 -53.83	40.00 2.33 0.00	38.85 2.44 0.00	39.82 2.55 0.00	38.63 2.48 -1.96	41.11 2.75 0.00	42.87 2.91 0.00	40.03 2.81 0.00	38.00 2.75 0.00	37.35 2.43 0.00	33.01 1.82 0.00	36.78 1.85 0.00	41.31 1.97 0.00	34.54 1.75 0.00	30.84 1.53 0.00
RAVENSWOOD_GT_6 24253	33.39 1.79 0.00	29.91 1.57 0.00	29.95 1.31 0.00	27.08 1.13 0.00	26.34 1.09 0.00	25.66 1.13 0.00	23.48 1.15 0.00	75.54 1.02 -54.81	35.09 1.72 -2.32	87.16 1.72 -53.83	40.00 2.33 0.00	38.85 2.44 0.00	39.82 2.55 0.00	38.63 2.48 -1.96	41.11 2.75 0.00	42.87 2.91 0.00	40.03 2.81 0.00	38.00 2.75 0.00	37.35 2.43 0.00	33.01 1.82 0.00	36.78 1.85 0.00	41.31 1.97 0.00	34.54 1.75 0.00	30.84 1.53 0.00
RAVENSWOOD_GT_7 24255	33.39 1.79 0.00	29.91 1.57 0.00	29.95 1.31 0.00	27.08 1.13 0.00	26.34 1.09 0.00	25.66 1.13 0.00	23.48 1.15 0.00	75.54 1.02 -54.81	35.09 1.72 -2.32	87.16 1.72 -53.83	40.00 2.33 0.00	38.85 2.44 0.00	39.82 2.55 0.00	38.63 2.48 -1.96	41.11 2.75 0.00	42.87 2.91 0.00	40.03 2.81 0.00	38.00 2.75 0.00	37.35 2.43 0.00	33.01 1.82 0.00	36.78 1.85 0.00	41.31 1.97 0.00	34.54 1.75 0.00	30.84 1.53 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.39 1.78 0.00	29.92 1.58 0.00	29.96 1.32 0.00	27.08 1.13 0.00	26.34 1.09 0.00	25.66 1.13 0.00	23.48 1.15 0.00	75.54 1.02 -54.81	35.09 1.72 -2.32	87.17 1.72 -53.83	40.00 2.33 0.00	38.86 2.45 0.00	39.83 2.55 0.00	38.64 2.49 -1.96	41.13 2.77 0.00	42.88 2.93 0.00	40.03 2.81 0.00	38.01 2.75 0.00	37.35 2.43 0.00	33.01 1.82 0.00	36.77 1.84 0.00	41.31 1.96 0.00	34.55 1.76 0.00	30.84 1.53 0.00
RAVENSWOOD_GT_9 24257	33.38 1.77 0.00	29.92 1.58 0.00	29.96 1.32 0.00	27.07 1.13 0.00	26.34 1.09 0.00	25.66 1.13 0.00	23.48 1.15 0.00	75.54 1.02 -54.81	35.09 1.72 -2.32	87.17 1.73 -53.83	40.00 2.33 0.00	38.87 2.45 0.00	39.83 2.55 0.00	38.64 2.49 -1.96	41.13 2.77 0.00	42.88 2.92 0.00	40.04 2.81 0.00	38.01 2.75 0.00	37.35 2.43 0.00	33.01 1.81 0.00	36.77 1.84 0.00	41.31 1.96 0.00	34.55 1.75 0.00	30.84 1.53 0.00
RAVENSWOOD___1 23533	33.39 1.79 0.00	29.95 1.61 0.00	29.96 1.32 0.00	27.08 1.14 0.00	26.35 1.10 0.00	25.68 1.15 0.00	23.51 1.17 0.00	75.56 1.05 -54.81	35.14 1.77 -2.32	87.21 1.76 -53.83	40.03 2.36 0.00	38.91 2.50 0.00	39.90 2.62 0.00	38.69 2.54 -1.96	41.20 2.84 0.00	42.94 2.98 0.00	40.11 2.88 0.00	38.06 2.81 0.00	37.36 2.43 0.00	33.02 1.83 0.00	36.74 1.81 0.00	41.30 1.96 0.00	34.59 1.79 0.00	30.87 1.56 0.00
RAVENSWOOD___2 23534	33.39 1.79 0.00	29.95 1.61 0.00	29.96 1.32 0.00	27.08 1.14 0.00	26.35 1.10 0.00	25.68 1.15 0.00	23.51 1.17 0.00	75.56 1.05 -54.81	35.14 1.77 -2.32	87.21 1.76 -53.83	40.03 2.36 0.00	38.91 2.50 0.00	39.90 2.62 0.00	38.69 2.54 -1.96	41.20 2.84 0.00	42.94 2.98 0.00	40.11 2.88 0.00	38.06 2.81 0.00	37.36 2.43 0.00	33.02 1.83 0.00	36.74 1.81 0.00	41.30 1.96 0.00	34.59 1.79 0.00	30.87 1.56 0.00
RAVENSWOOD___3 23535	33.38 1.78 0.00	29.92 1.58 0.00	29.96 1.32 0.00	27.07 1.13 0.00	26.34 1.09 0.00	25.66 1.13 0.00	23.48 1.15 0.00	75.53 1.02 -54.81	35.09 1.72 -2.32	87.16 1.72 -53.83	40.00 2.33 0.00	38.86 2.45 0.00	39.82 2.55 0.00	38.64 2.48 -1.96	41.12 2.76 0.00	42.87 2.92 0.00	40.04 2.81 0.00	38.00 2.75 0.00	37.35 2.43 0.00	33.01 1.81 0.00	36.77 1.84 0.00	41.31 1.97 0.00	34.55 1.75 0.00	30.84 1.53 0.00
RAVENSWOOD___4 23820	33.39 1.79 0.00	29.95 1.61 0.00	29.96 1.32 0.00	27.08 1.14 0.00	26.35 1.10 0.00	25.68 1.15 0.00	23.51 1.17 0.00	75.56 1.05 -54.81	35.14 1.77 -2.32	87.21 1.76 -53.83	40.03 2.36 0.00	38.91 2.50 0.00	39.90 2.62 0.00	38.69 2.54 -1.96	41.20 2.84 0.00	42.94 2.98 0.00	40.11 2.88 0.00	38.06 2.81 0.00	37.36 2.43 0.00	33.02 1.83 0.00	36.74 1.81 0.00	41.30 1.96 0.00	34.59 1.79 0.00	30.87 1.56 0.00
RCPL_TRUST___DRP 24196	33.40 1.79 0.00	29.91 1.57 0.00	29.96 1.32 0.00	27.08 1.14 0.00	26.35 1.10 0.00	25.65 1.13 0.00	23.48 1.15 0.00	75.58 1.04 -54.84	35.11 1.74 -2.32	87.24 1.76 -53.86	40.05 2.38 0.00	38.91 2.50 0.00	39.87 2.59 0.00	38.70 2.54 -1.96	41.19 2.83 0.00	42.94 2.98 0.00	40.07 2.85 0.00	38.04 2.78 0.00	37.39 2.46 0.00	33.03 1.84 0.00	36.80 1.86 0.00	41.32 1.98 0.00	34.56 1.76 0.00	30.86 1.55 0.00
RED___ROCHESTER 323720	31.50 -0.10 0.00	28.13 -0.20 0.00	28.44 -0.20 0.00	25.77 -0.17 0.00	25.14 -0.11 0.00	24.40 -0.13 0.00	22.31 -0.02 0.00	19.70 0.01 0.00	31.11 0.06 0.00	31.95 0.34 0.00	37.84 0.16 0.00	36.49 0.08 0.00	37.36 0.08 0.00	34.35 0.16 0.00	38.36 0.00 0.00	39.99 0.04 0.00	37.45 0.22 0.00	35.62 0.36 0.00	35.33 0.40 0.00	31.68 0.49 0.00	35.33 0.39 0.00	39.82 0.47 0.00	33.20 0.41 0.00	29.86 0.54 0.00
REGAN___SOLAR 323812	34.77 3.16 0.00	31.05 2.71 0.00	31.51 2.87 0.00	28.51 2.57 0.00	27.78 2.52 0.00	26.77 2.24 0.00	24.51 2.18 0.00	31.49 1.97 -9.82	34.45 2.98 -0.42	44.57 3.30 -9.65	41.47 3.80 0.00	39.35 2.94 0.00	40.54 3.27 0.00	37.21 2.67 -0.35	41.03 2.67 0.00	43.42 3.47 0.00	41.30 4.08 0.00	38.91 3.65 0.00	38.46 3.53 0.00	34.63 3.44 0.00	38.87 3.93 0.00	43.83 4.49 0.00	36.34 3.54 0.00	32.38 3.07 0.00
RENSSELAER___COGEN 23796	32.39 0.78 0.00	29.16 0.82 0.00	29.33 0.70 0.00	26.61 0.66 0.00	25.90 0.64 0.00	25.20 0.67 0.00	22.95 0.61 0.00	33.06 0.55 -12.81	32.42 0.82 -0.54	44.95 0.75 -12.58	38.69 1.02 0.00	37.54 1.13 0.00	38.40 1.13 0.00	35.66 1.01 -0.46	39.44 1.09 0.00	40.97 1.02 0.00	38.25 1.02 0.00	36.32 1.07 0.00	35.88 0.96 0.00	31.96 0.77 0.00	35.79 0.86 0.00	40.24 0.90 0.00	33.66 0.86 0.00	30.06 0.75 0.00
REPUBLIC_115KV_BARTNBRK 55605	35.10 3.49 0.00	31.18 2.84 0.00	31.52 2.88 0.00	28.57 2.62 0.00	27.86 2.61 0.00	27.15 2.62 0.00	25.09 2.76 0.00	34.45 2.49 -12.26	35.70 4.13 -0.52	47.94 4.29 -12.04	42.93 5.25 0.00	41.68 5.27 0.00	42.33 5.06 0.00	39.10 4.47 -0.44	43.32 4.96 0.00	45.14 5.19 0.00	42.24 5.02 0.00	39.86 4.60 0.00	39.43 4.50 0.00	34.81 3.62 0.00	39.06 4.12 0.00	43.84 4.50 0.00	36.74 3.94 0.00	32.90 3.59 0.00



REVERE_CPDR_DRP 24186	32.39 0.78 0.00	28.99 0.65 0.00	29.35 0.71 0.00	26.56 0.61 0.00	25.86 0.61 0.00	25.10 0.58 0.00	22.92 0.59 0.00	20.26 0.56 0.00	31.92 0.87 0.00	32.67 1.06 0.00	38.80 1.13 0.00	37.31 0.90 0.00	38.18 0.91 0.00	35.15 0.96 0.00	39.46 1.10 0.00	41.11 1.16 0.00	38.37 1.15 0.00	36.43 1.17 0.00	36.20 1.27 0.00	32.44 1.25 0.00	36.27 1.34 0.00	40.82 1.47 0.00	33.89 1.10 0.00	30.21 0.90 0.00
REYNOLDS_115KV_TB3 80639	32.69 1.08 0.00	29.41 1.07 0.00	29.59 0.95 0.00	26.84 0.89 0.00	26.12 0.86 0.00	25.41 0.88 0.00	23.13 0.80 0.00	33.53 0.72 -13.11	32.74 1.14 -0.55	45.54 1.05 -12.87	39.06 1.38 0.00	37.89 1.48 0.00	38.76 1.48 0.00	35.96 1.30 -0.47	39.75 1.40 0.00	41.26 1.31 0.00	38.53 1.31 0.00	36.59 1.34 0.00	36.15 1.23 0.00	32.20 1.01 0.00	36.07 1.13 0.00	40.51 1.17 0.00	33.91 1.11 0.00	30.30 0.99 0.00
RIVERBAY____ 323610	33.37 1.77 0.00	30.00 1.66 0.00	30.08 1.44 0.00	27.22 1.27 0.00	26.48 1.23 0.00	25.74 1.21 0.00	23.54 1.21 0.00	75.57 1.05 -54.81	35.10 1.73 -2.32	87.25 1.80 -53.83	40.06 2.38 0.00	38.96 2.55 0.00	39.96 2.68 0.00	38.73 2.58 -1.96	41.27 2.91 0.00	42.98 3.03 0.00	40.18 2.95 0.00	38.00 2.75 0.00	37.25 2.32 0.00	32.90 1.71 0.00	36.57 1.63 0.00	41.20 1.86 0.00	34.50 1.71 0.00	30.81 1.50 0.00
RIVERSDE_115KV_TB3 55908	32.59 0.98 0.00	29.32 0.98 0.00	29.49 0.85 0.00	26.75 0.80 0.00	26.04 0.79 0.00	25.35 0.82 0.00	23.07 0.74 0.00	33.27 0.66 -12.91	32.63 1.04 -0.55	45.25 0.96 -12.68	38.95 1.27 0.00	37.79 1.38 0.00	38.66 1.39 0.00	35.88 1.23 -0.46	39.68 1.32 0.00	41.21 1.26 0.00	38.49 1.26 0.00	36.55 1.30 0.00	36.10 1.18 0.00	32.15 0.96 0.00	36.01 1.07 0.00	40.45 1.10 0.00	33.83 1.03 0.00	30.23 0.92 0.00
ROARING__BROOK_WT_PWR 323790	31.46 -0.15 0.00	28.19 -0.15 0.00	28.51 -0.12 0.00	25.85 -0.10 0.00	25.13 -0.12 0.00	24.38 -0.15 0.00	22.22 -0.12 0.00	19.61 -0.09 0.00	30.91 -0.14 0.00	31.52 -0.09 0.00	37.45 -0.22 0.00	36.13 -0.29 0.00	37.00 -0.28 0.00	33.97 -0.22 0.00	38.16 -0.20 0.00	39.79 -0.16 0.00	37.04 -0.19 0.00	35.07 -0.18 0.00	34.76 -0.17 0.00	31.07 -0.12 0.00	34.82 -0.11 0.00	39.27 -0.08 0.00	32.72 -0.08 0.00	29.24 -0.08 0.00
ROCHESRG_115KV_T4 355643	31.17 -0.44 0.00	27.87 -0.48 0.00	28.19 -0.45 0.00	25.56 -0.39 0.00	24.92 -0.33 0.00	24.16 -0.36 0.00	22.08 -0.25 0.00	19.50 -0.20 0.00	30.78 -0.27 0.00	31.63 0.01 0.00	37.45 -0.23 0.00	36.08 -0.33 0.00	36.91 -0.37 0.00	33.92 -0.27 0.00	37.87 -0.49 0.00	39.46 -0.49 0.00	36.94 -0.29 0.00	35.11 -0.15 0.00	34.81 -0.12 0.00	31.21 0.03 0.00	34.82 -0.11 0.00	39.29 -0.06 0.00	32.78 -0.02 0.00	29.50 0.19 0.00
ROCHESTER_9_IC 23652	31.34 -0.26 0.00	28.01 -0.33 0.00	28.32 -0.32 0.00	25.68 -0.27 0.00	25.04 -0.21 0.00	24.29 -0.24 0.00	22.21 -0.13 0.00	19.61 -0.08 0.00	30.96 -0.09 0.00	31.81 0.20 0.00	37.68 0.00 0.00	36.31 -0.10 0.00	37.16 -0.12 0.00	34.16 -0.03 0.00	38.14 -0.22 0.00	39.75 -0.21 0.00	37.22 -0.01 0.00	35.38 0.12 0.00	35.08 0.15 0.00	31.46 0.27 0.00	35.09 0.16 0.00	39.58 0.23 0.00	33.01 0.21 0.00	29.69 0.38 0.00
ROCKVIEW_13_KV_LD 356306	33.51 1.86 -0.04	30.18 1.64 -0.20	30.02 1.38 0.00	27.13 1.19 0.00	26.40 1.15 0.00	25.71 1.19 0.00	23.52 1.19 0.00	75.53 1.06 -54.76	35.16 1.79 -2.32	87.18 1.79 -53.78	40.08 2.40 0.00	38.92 2.51 0.00	39.89 2.62 0.00	38.69 2.54 -1.96	41.19 2.83 0.00	42.94 2.98 0.00	40.11 2.88 0.00	38.09 2.83 0.00	37.48 2.55 0.00	33.12 1.94 0.00	36.93 1.99 0.00	41.47 2.13 0.00	34.68 1.88 0.00	30.95 1.64 0.00
ROME_____115KV_TB2 80656	32.39 0.78 0.00	28.99 0.65 0.00	29.35 0.71 0.00	26.56 0.61 0.00	25.86 0.61 0.00	25.10 0.58 0.00	22.92 0.59 0.00	20.26 0.56 0.00	31.92 0.87 0.00	32.67 1.06 0.00	38.80 1.13 0.00	37.31 0.90 0.00	38.18 0.91 0.00	35.15 0.96 0.00	39.46 1.10 0.00	41.11 1.16 0.00	38.37 1.15 0.00	36.43 1.17 0.00	36.20 1.27 0.00	32.44 1.25 0.00	36.27 1.34 0.00	40.82 1.47 0.00	33.89 1.10 0.00	30.21 0.90 0.00
ROSETON__1 23587	33.06 1.45 0.00	29.66 1.32 0.00	29.75 1.12 0.00	26.90 0.96 0.00	26.18 0.93 0.00	25.49 0.96 0.00	23.27 0.94 0.00	20.54 0.84 0.00	32.46 1.41 0.00	32.98 1.37 0.00	39.54 1.87 0.00	38.38 1.97 0.00	39.31 2.03 0.00	36.17 1.98 0.00	40.53 2.17 0.00	42.22 2.27 0.00	39.43 2.21 0.00	37.45 2.20 0.00	36.89 1.97 0.00	32.67 1.48 0.00	36.46 1.52 0.00	40.98 1.64 0.00	34.26 1.46 0.00	30.58 1.27 0.00
ROSETON__2 23588	33.06 1.45 0.00	29.66 1.32 0.00	29.75 1.12 0.00	26.90 0.96 0.00	26.18 0.93 0.00	25.49 0.96 0.00	23.27 0.94 0.00	20.54 0.84 0.00	32.46 1.41 0.00	32.98 1.37 0.00	39.54 1.87 0.00	38.38 1.97 0.00	39.31 2.03 0.00	36.17 1.98 0.00	40.53 2.17 0.00	42.22 2.27 0.00	39.43 2.21 0.00	37.45 2.20 0.00	36.89 1.97 0.00	32.67 1.48 0.00	36.46 1.52 0.00	40.98 1.64 0.00	34.26 1.46 0.00	30.58 1.27 0.00
ROTTTRDAM_115KV_TB3 80664	32.95 1.35 0.00	29.58 1.24 0.00	29.81 1.17 0.00	26.98 1.03 0.00	26.25 1.00 0.00	25.52 0.99 0.00	23.25 0.92 0.00	32.35 0.84 -11.81	32.90 1.35 -0.50	44.55 1.33 -11.60	39.34 1.67 0.00	38.12 1.71 0.00	38.99 1.71 0.00	36.18 1.57 -0.42	40.08 1.72 0.00	41.69 1.74 0.00	38.94 1.71 0.00	36.95 1.70 0.00	36.55 1.62 0.00	32.55 1.36 0.00	36.46 1.53 0.00	40.98 1.64 0.00	34.23 1.44 0.00	30.56 1.25 0.00
RUSSELL__1 23602	31.50 -0.11 0.00	28.13 -0.21 0.00	28.43 -0.21 0.00	25.77 -0.17 0.00	25.14 -0.11 0.00	24.40 -0.13 0.00	22.31 -0.02 0.00	19.70 0.00 0.00	31.11 0.05 0.00	31.95 0.33 0.00	37.84 0.17 0.00	36.49 0.07 0.00	37.35 0.08 0.00	34.34 0.15 0.00	38.35 -0.01 0.00	39.99 0.03 0.00	37.45 0.22 0.00	35.62 0.36 0.00	35.33 0.40 0.00	31.67 0.48 0.00	35.32 0.39 0.00	39.82 0.47 0.00	33.20 0.41 0.00	29.86 0.54 0.00
RUSSELL__2 23532	31.50 -0.11 0.00	28.13 -0.21 0.00	28.43 -0.21 0.00	25.77 -0.17 0.00	25.14 -0.11 0.00	24.40 -0.13 0.00	22.31 -0.02 0.00	19.70 0.00 0.00	31.11 0.05 0.00	31.95 0.33 0.00	37.84 0.17 0.00	36.49 0.07 0.00	37.35 0.08 0.00	34.34 0.15 0.00	38.35 -0.01 0.00	39.99 0.03 0.00	37.45 0.22 0.00	35.62 0.36 0.00	35.33 0.40 0.00	31.67 0.48 0.00	35.32 0.39 0.00	39.82 0.47 0.00	33.20 0.41 0.00	29.86 0.54 0.00
RUSSELL__3 23549	31.50 -0.11 0.00	28.13 -0.21 0.00	28.43 -0.21 0.00	25.77 -0.17 0.00	25.14 -0.11 0.00	24.40 -0.13 0.00	22.31 -0.02 0.00	19.70 0.00 0.00	31.11 0.05 0.00	31.95 0.33 0.00	37.84 0.17 0.00	36.49 0.07 0.00	37.35 0.08 0.00	34.34 0.15 0.00	38.35 -0.01 0.00	39.99 0.03 0.00	37.45 0.22 0.00	35.62 0.36 0.00	35.33 0.40 0.00	31.67 0.48 0.00	35.32 0.39 0.00	39.82 0.47 0.00	33.20 0.41 0.00	29.86 0.54 0.00



RUSSELL___4 23556	31.50 -0.11 0.00	28.13 -0.21 0.00	28.43 -0.21 0.00	25.77 -0.17 0.00	25.14 -0.11 0.00	24.40 -0.13 0.00	22.31 -0.02 0.00	19.70 0.00 0.00	31.11 0.05 0.00	31.95 0.33 0.00	37.84 0.17 0.00	36.49 0.07 0.00	37.35 0.08 0.00	34.34 0.15 0.00	38.35 -0.01 0.00	39.99 0.03 0.00	37.45 0.22 0.00	35.62 0.36 0.00	35.33 0.40 0.00	31.67 0.48 0.00	35.32 0.39 0.00	39.82 0.47 0.00	33.20 0.41 0.00	29.86 0.54 0.00
RUSSELL___STATION 23914	31.50 -0.11 0.00	28.13 -0.21 0.00	28.43 -0.21 0.00	25.77 -0.17 0.00	25.14 -0.11 0.00	24.40 -0.13 0.00	22.31 -0.02 0.00	19.70 0.00 0.00	31.11 0.05 0.00	31.95 0.33 0.00	37.84 0.17 0.00	36.49 0.07 0.00	37.35 0.08 0.00	34.34 0.15 0.00	38.35 -0.01 0.00	39.99 0.03 0.00	37.45 0.22 0.00	35.62 0.36 0.00	35.33 0.40 0.00	31.67 0.48 0.00	35.32 0.39 0.00	39.82 0.47 0.00	33.20 0.41 0.00	29.86 0.54 0.00
S SALMON___HYD 24043	31.12 -0.49 0.00	27.85 -0.49 0.00	28.12 -0.52 0.00	25.45 -0.50 0.00	24.76 -0.49 0.00	24.11 -0.41 0.00	22.00 -0.33 0.00	19.43 -0.27 0.00	30.55 -0.50 0.00	31.18 -0.44 0.00	36.89 -0.79 0.00	35.38 -1.03 0.00	36.22 -1.06 0.00	33.32 -0.87 0.00	37.27 -1.09 0.00	38.96 -0.99 0.00	36.28 -0.94 0.00	34.54 -0.72 0.00	34.30 -0.63 0.00	30.74 -0.45 0.00	34.46 -0.47 0.00	38.88 -0.47 0.00	32.42 -0.37 0.00	29.00 -0.31 0.00
S.PERRY___115KV_TB1 80734	31.32 -0.29 0.00	27.90 -0.44 0.00	28.08 -0.56 0.00	25.47 -0.48 0.00	24.94 -0.32 0.00	24.42 -0.11 0.00	22.35 0.02 0.00	19.76 0.06 0.00	31.10 0.04 0.00	31.52 -0.10 0.00	37.27 -0.40 0.00	35.88 -0.53 0.00	36.73 -0.55 0.00	33.70 -0.49 0.00	37.24 -1.12 0.00	38.20 -1.76 0.00	35.13 -2.09 0.00	33.82 -1.43 0.00	33.56 -1.37 0.00	30.31 -0.88 0.00	34.18 -0.76 0.00	39.87 0.52 0.00	33.30 0.50 0.00	29.88 0.56 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.09 -0.51 0.00	27.76 -0.58 0.00	28.15 -0.49 0.00	25.53 -0.41 0.00	24.93 -0.32 0.00	24.10 -0.43 0.00	22.05 -0.28 0.00	19.48 -0.22 0.00	30.83 -0.22 0.00	31.88 0.26 0.00	37.62 -0.05 0.00	36.18 -0.23 0.00	36.91 -0.37 0.00	33.88 -0.31 0.00	37.74 -0.63 0.00	39.25 -0.72 0.00	36.71 -0.52 0.00	34.93 -0.33 0.00	34.55 -0.38 0.00	31.04 -0.14 0.00	34.62 -0.31 0.00	39.14 -0.20 0.00	32.73 -0.06 0.00	29.65 0.34 0.00
SAWYER___23_KV_LOAD 55526	31.09 -0.51 0.00	27.76 -0.58 0.00	28.15 -0.49 0.00	25.53 -0.41 0.00	24.93 -0.32 0.00	24.10 -0.43 0.00	22.05 -0.28 0.00	19.48 -0.22 0.00	30.83 -0.22 0.00	31.88 0.26 0.00	37.62 -0.05 0.00	36.18 -0.23 0.00	36.91 -0.37 0.00	33.88 -0.31 0.00	37.74 -0.63 0.00	39.25 -0.72 0.00	36.71 -0.52 0.00	34.93 -0.33 0.00	34.55 -0.38 0.00	31.04 -0.14 0.00	34.62 -0.31 0.00	39.14 -0.20 0.00	32.73 -0.06 0.00	29.65 0.34 0.00
SELKIRK___I 23801	32.74 1.14 0.00	29.47 1.13 0.00	29.69 1.05 0.00	26.91 0.97 0.00	26.19 0.93 0.00	25.46 0.93 0.00	23.16 0.83 0.00	32.45 0.73 -12.02	32.69 1.13 -0.51	44.50 1.08 -11.80	39.04 1.37 0.00	37.85 1.44 0.00	38.71 1.43 0.00	35.90 1.28 -0.43	39.75 1.39 0.00	41.29 1.33 0.00	38.55 1.33 0.00	36.64 1.38 0.00	36.22 1.29 0.00	32.29 1.10 0.00	36.15 1.22 0.00	40.66 1.31 0.00	33.99 1.19 0.00	30.36 1.05 0.00
SELKIRK___II 23799	32.53 0.92 0.00	29.27 0.93 0.00	29.46 0.82 0.00	26.70 0.75 0.00	25.98 0.73 0.00	25.29 0.75 0.00	23.00 0.67 0.00	32.78 0.60 -12.49	32.51 0.93 -0.53	44.74 0.86 -12.26	38.83 1.15 0.00	37.66 1.25 0.00	38.53 1.25 0.00	35.78 1.15 -0.45	39.59 1.23 0.00	41.13 1.18 0.00	38.40 1.18 0.00	36.47 1.21 0.00	36.02 1.09 0.00	32.09 0.90 0.00	35.92 0.98 0.00	40.38 1.04 0.00	33.76 0.96 0.00	30.16 0.85 0.00
SENECA OSWGO___HYD 24041	30.88 -0.73 0.00	27.66 -0.68 0.00	27.94 -0.70 0.00	25.31 -0.64 0.00	24.66 -0.60 0.00	23.96 -0.57 0.00	21.84 -0.49 0.00	19.27 -0.43 0.00	30.34 -0.71 0.00	30.91 -0.70 0.00	36.74 -0.93 0.00	35.47 -0.94 0.00	36.32 -0.96 0.00	33.36 -0.83 0.00	37.39 -0.97 0.00	39.00 -0.95 0.00	36.43 -0.80 0.00	34.55 -0.70 0.00	34.25 -0.68 0.00	30.63 -0.57 0.00	34.20 -0.73 0.00	38.46 -0.89 0.00	32.04 -0.76 0.00	28.65 -0.66 0.00
SENECA___115KV_TB3 355854	31.39 -0.22 0.00	27.99 -0.34 0.00	28.39 -0.25 0.00	25.74 -0.21 0.00	25.15 -0.10 0.00	24.34 -0.19 0.00	22.28 -0.06 0.00	19.73 0.03 0.00	31.28 0.22 0.00	32.31 0.69 0.00	38.20 0.52 0.00	36.72 0.31 0.00	37.50 0.22 0.00	34.43 0.24 0.00	38.40 0.03 0.00	39.91 -0.05 0.00	37.25 0.03 0.00	35.44 0.18 0.00	35.05 0.12 0.00	31.47 0.28 0.00	35.08 0.15 0.00	39.64 0.29 0.00	33.10 0.31 0.00	29.93 0.62 0.00
SENECA___ENERGY 23797	31.26 -0.35 0.00	27.95 -0.39 0.00	28.29 -0.35 0.00	25.61 -0.33 0.00	25.02 -0.23 0.00	24.35 -0.18 0.00	22.26 -0.08 0.00	19.89 0.19 0.00	31.34 0.28 0.00	31.86 0.25 0.00	37.94 0.26 0.00	36.51 0.10 0.00	37.37 0.09 0.00	34.34 0.15 0.00	38.12 -0.24 0.00	39.74 -0.22 0.00	37.17 -0.05 0.00	35.33 0.07 0.00	35.09 0.17 0.00	31.40 0.21 0.00	35.02 0.08 0.00	39.37 0.02 0.00	32.80 0.00 0.00	29.38 0.07 0.00
SHOEMAKER___GT 23640	32.87 1.27 0.00	29.50 1.16 0.00	29.60 0.96 0.00	26.76 0.81 0.00	26.05 0.79 0.00	25.38 0.85 0.00	23.16 0.83 0.00	-25.97 0.75 46.41	30.32 1.23 1.96	-12.80 1.16 45.58	39.23 1.55 0.00	38.05 1.64 0.00	38.97 1.70 0.00	34.18 1.65 1.66	40.18 1.82 0.00	41.87 1.92 0.00	39.09 1.87 0.00	37.17 1.92 0.00	36.67 1.75 0.00	32.55 1.36 0.00	36.37 1.43 0.00	40.86 1.52 0.00	34.13 1.33 0.00	30.45 1.14 0.00
SHOEMAKR_138KV_BK 111 55601	32.87 1.26 0.00	29.47 1.13 0.00	29.57 0.93 0.00	26.75 0.80 0.00	26.03 0.78 0.00	25.35 0.83 0.00	23.14 0.80 0.00	-23.46 0.73 43.89	30.40 1.20 1.86	-10.32 1.16 43.10	39.23 1.55 0.00	38.06 1.65 0.00	38.97 1.70 0.00	34.28 1.66 1.57	40.19 1.83 0.00	41.88 1.92 0.00	39.10 1.88 0.00	37.17 1.91 0.00	36.66 1.74 0.00	32.52 1.33 0.00	36.31 1.38 0.00	40.81 1.47 0.00	34.08 1.28 0.00	30.40 1.09 0.00
SHOREHAM_IC_1 23715	55.66 3.41 -20.65	61.62 3.08 -30.21	71.27 2.71 -39.91	64.67 2.39 -36.33	60.37 2.31 -32.81	49.38 2.02 -22.83	52.54 1.95 -28.26	96.29 1.81 -74.78	73.31 3.31 -38.95	97.72 3.02 -63.09	57.95 4.15 -16.12	61.56 4.17 -20.98	54.55 4.29 -12.98	56.85 4.14 -18.52	88.51 4.54 -45.61	49.90 4.58 -5.36	53.01 4.41 -11.38	53.41 4.23 -13.93	63.80 3.87 -25.00	35.19 2.92 -1.09	37.92 2.98 0.00	42.57 3.23 0.00	35.95 3.15 0.00	32.01 2.69 0.00
SHOREHAM_IC_2 23716	55.66 3.41 -20.65	61.62 3.08 -30.21	71.27 2.71 -39.91	64.67 2.39 -36.33	60.37 2.31 -32.81	49.38 2.02 -22.83	52.54 1.95 -28.26	96.29 1.81 -74.78	73.31 3.31 -38.95	97.72 3.02 -63.09	57.95 4.15 -16.12	61.56 4.17 -20.98	54.55 4.29 -12.98	56.85 4.14 -18.52	88.51 4.54 -45.61	49.90 4.58 -5.36	53.01 4.41 -11.38	53.41 4.23 -13.93	63.80 3.87 -25.00	35.19 2.92 -1.09	37.92 2.98 0.00	42.57 3.23 0.00	35.95 3.15 0.00	32.01 2.69 0.00



SISSONVILLE____ 23735	31.65 0.04 0.00	28.32 -0.02 0.00	28.73 0.09 0.00	26.06 0.12 0.00	25.32 0.07 0.00	24.58 0.06 0.00	22.38 0.05 0.00	19.60 -0.10 0.00	30.86 -0.19 0.00	31.43 -0.19 0.00	37.33 -0.34 0.00	35.83 -0.58 0.00	36.65 -0.63 0.00	33.19 -1.00 0.00	37.36 -0.99 0.00	38.98 -0.98 0.00	36.17 -1.05 0.00	34.18 -1.07 0.00	33.91 -1.02 0.00	30.44 -0.75 0.00	34.30 -0.63 0.00	39.25 -0.09 0.00	32.88 0.08 0.00	29.47 0.15 0.00
SITHE_IND_GS1 24169	30.55 -1.06 0.00	27.36 -0.98 0.00	27.66 -0.98 0.00	25.05 -0.89 0.00	24.41 -0.84 0.00	23.70 -0.82 0.00	21.60 -0.73 0.00	19.07 -0.63 0.00	30.03 -1.02 0.00	30.59 -1.03 0.00	36.40 -1.27 0.00	35.14 -1.27 0.00	35.97 -1.31 0.00	33.01 -1.17 0.00	37.01 -1.35 0.00	38.58 -1.38 0.00	36.02 -1.20 0.00	34.16 -1.10 0.00	33.85 -1.08 0.00	30.28 -0.91 0.00	33.83 -1.10 0.00	38.03 -1.31 0.00	31.72 -1.08 0.00	28.37 -0.94 0.00
SITHE_IND_GS2 24170	30.55 -1.06 0.00	27.36 -0.98 0.00	27.66 -0.98 0.00	25.05 -0.89 0.00	24.41 -0.84 0.00	23.70 -0.82 0.00	21.60 -0.73 0.00	19.07 -0.63 0.00	30.03 -1.02 0.00	30.59 -1.03 0.00	36.40 -1.27 0.00	35.14 -1.27 0.00	35.97 -1.31 0.00	33.01 -1.17 0.00	37.01 -1.35 0.00	38.58 -1.38 0.00	36.02 -1.20 0.00	34.16 -1.10 0.00	33.85 -1.08 0.00	30.28 -0.91 0.00	33.83 -1.10 0.00	38.03 -1.31 0.00	31.72 -1.08 0.00	28.37 -0.94 0.00
SITHE_IND_GS3 24171	30.55 -1.06 0.00	27.36 -0.98 0.00	27.66 -0.98 0.00	25.05 -0.89 0.00	24.41 -0.84 0.00	23.70 -0.82 0.00	21.60 -0.73 0.00	19.07 -0.63 0.00	30.03 -1.02 0.00	30.59 -1.03 0.00	36.40 -1.27 0.00	35.14 -1.27 0.00	35.97 -1.31 0.00	33.01 -1.17 0.00	37.01 -1.35 0.00	38.58 -1.38 0.00	36.02 -1.20 0.00	34.16 -1.10 0.00	33.85 -1.08 0.00	30.28 -0.91 0.00	33.83 -1.10 0.00	38.03 -1.31 0.00	31.72 -1.08 0.00	28.37 -0.94 0.00
SITHE_IND_GS4 24172	30.55 -1.06 0.00	27.36 -0.98 0.00	27.66 -0.98 0.00	25.05 -0.89 0.00	24.41 -0.84 0.00	23.70 -0.82 0.00	21.60 -0.73 0.00	19.07 -0.63 0.00	30.03 -1.02 0.00	30.59 -1.03 0.00	36.40 -1.27 0.00	35.14 -1.27 0.00	35.97 -1.31 0.00	33.01 -1.17 0.00	37.01 -1.35 0.00	38.58 -1.38 0.00	36.02 -1.20 0.00	34.16 -1.10 0.00	33.85 -1.08 0.00	30.28 -0.91 0.00	33.83 -1.10 0.00	38.03 -1.31 0.00	31.72 -1.08 0.00	28.37 -0.94 0.00
SITHE____BATAVIA 24024	31.79 0.19 0.00	28.30 -0.04 0.00	28.68 0.05 0.00	26.01 0.07 0.00	25.40 0.15 0.00	24.57 0.04 0.00	22.49 0.16 0.00	19.84 0.14 0.00	31.30 0.25 0.00	32.29 0.68 0.00	38.02 0.34 0.00	36.51 0.09 0.00	37.21 -0.06 0.00	34.18 -0.01 0.00	38.13 -0.23 0.00	39.72 -0.23 0.00	37.39 0.17 0.00	35.57 0.31 0.00	35.31 0.38 0.00	31.84 0.65 0.00	35.52 0.58 0.00	40.09 0.74 0.00	33.43 0.63 0.00	30.16 0.85 0.00
SITHE____INDEPEND 23800	30.54 -1.07 0.00	27.36 -0.98 0.00	27.65 -0.99 0.00	25.06 -0.89 0.00	24.41 -0.84 0.00	23.70 -0.82 0.00	21.60 -0.73 0.00	19.07 -0.63 0.00	30.03 -1.02 0.00	30.59 -1.03 0.00	36.40 -1.28 0.00	35.13 -1.28 0.00	35.97 -1.31 0.00	33.01 -1.17 0.00	37.01 -1.35 0.00	38.58 -1.38 0.00	36.02 -1.20 0.00	34.16 -1.10 0.00	33.85 -1.08 0.00	30.28 -0.91 0.00	33.83 -1.10 0.00	38.03 -1.31 0.00	31.72 -1.08 0.00	28.37 -0.94 0.00
SITHE____MASSENA 23902	31.78 0.18 0.00	28.45 0.11 0.00	28.87 0.23 0.00	26.20 0.25 0.00	25.47 0.21 0.00	24.70 0.17 0.00	22.52 0.18 0.00	19.81 0.11 0.00	31.21 0.16 0.00	31.80 0.19 0.00	37.79 0.12 0.00	36.42 0.01 0.00	37.27 -0.01 0.00	33.91 -0.28 0.00	38.16 -0.20 0.00	39.77 -0.18 0.00	36.93 -0.30 0.00	34.86 -0.40 0.00	34.56 -0.37 0.00	30.98 -0.22 0.00	34.87 -0.07 0.00	39.65 0.31 0.00	32.96 0.17 0.00	29.47 0.16 0.00
SITHE____OGDNSBRG 24021	32.16 0.56 0.00	28.76 0.42 0.00	29.20 0.56 0.00	26.50 0.56 0.00	25.77 0.51 0.00	25.01 0.49 0.00	22.81 0.48 0.00	20.04 0.34 0.00	31.55 0.49 0.00	32.10 0.49 0.00	38.11 0.44 0.00	36.68 0.27 0.00	37.56 0.28 0.00	34.14 -0.04 0.00	38.45 0.10 0.00	40.07 0.12 0.00	37.19 -0.03 0.00	35.08 -0.18 0.00	34.79 -0.14 0.00	31.27 0.08 0.00	35.26 0.33 0.00	40.22 0.88 0.00	33.50 0.70 0.00	29.94 0.62 0.00
SITHE____STERLING 23777	32.20 0.59 0.00	28.79 0.45 0.00	29.13 0.49 0.00	26.37 0.43 0.00	25.69 0.44 0.00	24.94 0.41 0.00	22.75 0.42 0.00	20.11 0.41 0.00	31.70 0.65 0.00	32.40 0.79 0.00	38.52 0.85 0.00	37.09 0.68 0.00	37.99 0.71 0.00	34.94 0.75 0.00	39.20 0.84 0.00	40.85 0.89 0.00	38.14 0.92 0.00	36.17 0.92 0.00	35.89 0.96 0.00	32.14 0.95 0.00	35.93 1.00 0.00	40.41 1.06 0.00	33.60 0.80 0.00	29.97 0.66 0.00
SLEIGHT__34_KV_TB1 80719	31.81 0.20 0.00	28.41 0.07 0.00	28.74 0.10 0.00	26.02 0.07 0.00	25.42 0.16 0.00	24.71 0.18 0.00	22.55 0.22 0.00	19.93 0.23 0.00	31.41 0.36 0.00	32.20 0.58 0.00	38.28 0.61 0.00	36.94 0.53 0.00	37.86 0.59 0.00	34.81 0.62 0.00	38.95 0.59 0.00	40.62 0.66 0.00	38.01 0.78 0.00	36.08 0.82 0.00	35.84 0.91 0.00	32.07 0.88 0.00	35.75 0.81 0.00	40.11 0.76 0.00	33.39 0.59 0.00	29.88 0.56 0.00
SOUTH CAIRO____GT 23612	33.48 1.87 0.00	30.13 1.79 0.00	30.30 1.66 0.00	27.48 1.53 0.00	26.76 1.50 0.00	26.10 1.57 0.00	23.79 1.46 0.00	31.62 1.33 -10.59	33.57 2.07 -0.45	43.92 1.91 -10.40	39.83 2.16 0.00	38.68 2.27 0.00	39.55 2.27 0.00	36.52 1.95 -0.38	40.58 2.21 0.00	42.13 2.18 0.00	39.50 2.28 0.00	37.67 2.41 0.00	37.32 2.39 0.00	33.45 2.26 0.00	37.53 2.60 0.00	42.26 2.92 0.00	35.23 2.43 0.00	31.39 2.07 0.00
SOUTH HAMPTN____IC 23720	56.15 3.89 -20.65	62.06 3.51 -30.21	71.67 3.12 -39.91	65.04 2.76 -36.33	60.73 2.67 -32.81	49.81 2.44 -22.83	52.94 2.35 -28.26	96.65 2.17 -74.78	73.91 3.91 -38.95	98.37 3.67 -63.09	58.74 4.95 -16.12	62.37 4.97 -20.98	55.41 5.15 -12.98	57.64 4.93 -18.52	88.31 5.47 -44.47	50.88 5.57 -5.36	53.93 5.33 -11.38	54.34 5.16 -13.93	64.70 4.78 -25.00	35.90 3.67 -1.04	38.76 3.83 0.00	43.47 4.13 0.00	36.65 3.85 0.00	32.60 3.29 0.00
SOUTHDOW_115KV_TB1 355954	32.43 0.82 0.00	28.89 0.55 0.00	29.33 0.69 0.00	26.56 0.61 0.00	25.99 0.73 0.00	25.22 0.69 0.00	23.16 0.83 0.00	20.61 0.91 0.00	32.73 1.68 0.00	33.83 2.21 0.00	40.05 2.38 0.00	38.62 2.21 0.00	39.25 1.98 0.00	35.92 1.73 0.00	40.11 1.75 0.00	41.71 1.75 0.00	39.16 1.94 0.00	37.35 2.10 0.00	36.88 1.95 0.00	32.98 1.79 0.00	36.71 1.78 0.00	41.46 2.11 0.00	34.44 1.64 0.00	30.99 1.68 0.00
SOUTHOLD_69_KV_BK 2 55809	56.95 4.70 -20.65	62.63 4.08 -30.21	72.18 3.62 -39.91	65.54 3.25 -36.33	61.22 3.16 -32.81	50.32 2.95 -22.83	53.44 2.86 -28.26	97.10 2.62 -74.78	74.65 4.65 -38.95	99.15 4.44 -63.09	59.70 5.90 -16.12	63.32 5.93 -20.98	56.43 6.17 -12.98	58.61 5.89 -18.52	89.44 6.60 -44.49	52.03 6.72 -5.35	55.02 6.42 -11.38	55.42 6.24 -13.93	65.79 5.86 -25.00	36.87 4.63 -1.05	39.83 4.89 0.00	44.61 5.26 0.00	37.56 4.76 0.00	33.34 4.03 0.00



SOUTHOLD___IC 23719	56.83 4.57 -20.65	62.66 4.11 -30.21	72.24 3.69 -39.91	65.54 3.25 -36.33	61.22 3.16 -32.81	50.31 2.95 -22.83	53.44 2.86 -28.26	97.10 2.62 -74.78	74.65 4.65 -38.95	99.15 4.44 -63.09	59.70 5.91 -16.12	63.32 5.93 -20.98	56.43 6.18 -12.98	58.60 5.89 -18.52	89.44 6.60 -44.49	52.04 6.72 -5.36	55.02 6.42 -11.38	55.43 6.25 -13.93	65.79 5.86 -25.00	36.87 4.63 -1.05	39.83 4.89 0.00	44.62 5.28 0.00	37.56 4.76 0.00	33.34 4.03 0.00
SPIERFLS_115KV_TB 1 80737	33.51 1.90 0.00	29.92 1.58 0.00	30.11 1.48 0.00	27.28 1.33 0.00	26.56 1.31 0.00	25.93 1.40 0.00	23.71 1.38 0.00	33.17 1.26 -12.21	33.62 2.05 -0.52	45.60 1.99 -11.99	39.95 2.27 0.00	38.76 2.35 0.00	39.52 2.24 0.00	36.44 1.82 -0.44	40.38 2.02 0.00	41.97 2.01 0.00	39.19 1.97 0.00	37.22 1.97 0.00	37.04 2.11 0.00	32.95 1.76 0.00	37.21 2.28 0.00	41.80 2.46 0.00	34.94 2.15 0.00	31.19 1.87 0.00
ST LAWRENCE____ 23600	31.32 -0.29 0.00	28.06 -0.29 0.00	28.45 -0.19 0.00	25.82 -0.12 0.00	25.10 -0.15 0.00	24.35 -0.18 0.00	22.20 -0.14 0.00	19.55 -0.15 0.00	30.78 -0.27 0.00	31.35 -0.26 0.00	37.27 -0.41 0.00	35.94 -0.47 0.00	36.79 -0.49 0.00	33.62 -0.57 0.00	37.82 -0.55 0.00	39.42 -0.53 0.00	36.59 -0.63 0.00	34.56 -0.69 0.00	34.28 -0.65 0.00	30.70 -0.49 0.00	34.55 -0.39 0.00	39.12 -0.23 0.00	32.49 -0.30 0.00	29.04 -0.28 0.00
STATE_CA_115KV_115_LB 55624	32.60 0.99 0.00	29.33 0.99 0.00	29.50 0.86 0.00	26.76 0.82 0.00	26.05 0.80 0.00	25.36 0.83 0.00	23.09 0.76 0.00	33.05 0.68 -12.67	32.64 1.06 -0.54	45.07 1.01 -12.45	39.02 1.35 0.00	37.86 1.45 0.00	38.74 1.46 0.00	35.96 1.32 -0.45	39.79 1.43 0.00	41.35 1.40 0.00	38.62 1.39 0.00	36.66 1.40 0.00	36.19 1.27 0.00	32.24 1.05 0.00	36.08 1.14 0.00	40.54 1.19 0.00	33.89 1.09 0.00	30.26 0.95 0.00
STATE_ST_34_KV_LOAD 55959	31.83 0.23 0.00	28.44 0.10 0.00	28.71 0.07 0.00	25.99 0.05 0.00	25.39 0.14 0.00	24.82 0.30 0.00	22.59 0.25 0.00	19.98 0.28 0.00	31.44 0.39 0.00	31.85 0.24 0.00	37.87 0.20 0.00	36.54 0.13 0.00	37.44 0.16 0.00	34.38 0.20 0.00	38.51 0.15 0.00	40.16 0.21 0.00	37.55 0.33 0.00	35.88 0.63 0.00	35.73 0.80 0.00	31.95 0.75 0.00	35.65 0.72 0.00	39.95 0.61 0.00	33.33 0.53 0.00	29.83 0.52 0.00
STATION 5_MISC_HYD 23604	31.35 -0.25 0.00	28.02 -0.32 0.00	28.33 -0.31 0.00	25.68 -0.27 0.00	25.04 -0.21 0.00	24.29 -0.24 0.00	22.21 -0.12 0.00	19.62 -0.08 0.00	30.96 -0.09 0.00	31.82 0.20 0.00	37.67 0.00 0.00	36.31 -0.10 0.00	37.17 -0.11 0.00	34.17 -0.02 0.00	38.14 -0.22 0.00	39.75 -0.20 0.00	37.22 0.00 0.00	35.38 0.12 0.00	35.08 0.15 0.00	31.47 0.28 0.00	35.09 0.16 0.00	39.58 0.23 0.00	33.01 0.21 0.00	29.69 0.37 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.45 -0.15 0.00	28.11 -0.23 0.00	28.44 -0.20 0.00	25.77 -0.18 0.00	25.15 -0.10 0.00	24.42 -0.11 0.00	22.38 0.05 0.00	20.33 0.63 0.00	32.13 1.08 0.00	32.93 1.32 0.00	39.06 1.39 0.00	37.71 1.30 0.00	38.65 1.37 0.00	35.53 1.34 0.00	38.46 0.11 0.00	40.14 0.19 0.00	37.61 0.39 0.00	35.67 0.41 0.00	35.40 0.48 0.00	31.69 0.50 0.00	35.33 0.40 0.00	39.78 0.43 0.00	33.11 0.32 0.00	29.71 0.40 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.13 -0.48 0.00	27.82 -0.52 0.00	28.12 -0.52 0.00	25.49 -0.45 0.00	24.86 -0.39 0.00	24.12 -0.41 0.00	22.05 -0.28 0.00	19.46 -0.24 0.00	30.72 -0.33 0.00	31.58 -0.04 0.00	37.42 -0.26 0.00	36.07 -0.34 0.00	36.93 -0.35 0.00	33.95 -0.24 0.00	37.97 -0.40 0.00	39.60 -0.35 0.00	37.08 -0.14 0.00	35.23 -0.03 0.00	34.92 -0.01 0.00	31.30 0.10 0.00	34.91 -0.02 0.00	39.35 0.01 0.00	32.81 0.01 0.00	29.49 0.18 0.00
STA_56___34_KV_BUS2 355983	31.13 -0.48 0.00	27.82 -0.52 0.00	28.12 -0.52 0.00	25.49 -0.45 0.00	24.86 -0.39 0.00	24.12 -0.41 0.00	22.05 -0.28 0.00	19.46 -0.24 0.00	30.72 -0.33 0.00	31.58 -0.04 0.00	37.42 -0.26 0.00	36.07 -0.34 0.00	36.93 -0.35 0.00	33.95 -0.24 0.00	37.97 -0.40 0.00	39.60 -0.35 0.00	37.08 -0.14 0.00	35.23 -0.03 0.00	34.92 -0.01 0.00	31.30 0.10 0.00	34.91 -0.02 0.00	39.35 0.01 0.00	32.81 0.01 0.00	29.49 0.18 0.00
STA_67___115KV_BK2 355882	31.28 -0.33 0.00	27.96 -0.38 0.00	28.27 -0.37 0.00	25.63 -0.32 0.00	24.99 -0.26 0.00	24.24 -0.28 0.00	22.16 -0.17 0.00	19.58 -0.12 0.00	30.90 -0.16 0.00	31.74 0.13 0.00	37.60 -0.08 0.00	36.22 -0.19 0.00	37.07 -0.21 0.00	34.06 -0.13 0.00	38.02 -0.34 0.00	39.64 -0.31 0.00	37.11 -0.11 0.00	35.28 0.02 0.00	34.98 0.05 0.00	31.37 0.18 0.00	34.99 0.06 0.00	39.47 0.12 0.00	32.93 0.13 0.00	29.62 0.31 0.00
STA_7___115KV_9TRANS 80674	31.50 -0.11 0.00	28.13 -0.21 0.00	28.43 -0.21 0.00	25.77 -0.17 0.00	25.14 -0.11 0.00	24.40 -0.13 0.00	22.31 -0.02 0.00	19.70 0.00 0.00	31.11 0.05 0.00	31.95 0.33 0.00	37.84 0.17 0.00	36.49 0.07 0.00	37.35 0.08 0.00	34.34 0.15 0.00	38.35 -0.01 0.00	39.99 0.03 0.00	37.45 0.22 0.00	35.62 0.36 0.00	35.33 0.40 0.00	31.67 0.48 0.00	35.32 0.39 0.00	39.82 0.47 0.00	33.20 0.41 0.00	29.86 0.54 0.00
STA_82___115KV_TB1 80780	31.29 -0.31 0.00	27.97 -0.37 0.00	28.28 -0.36 0.00	25.64 -0.31 0.00	25.00 -0.25 0.00	24.25 -0.28 0.00	22.17 -0.16 0.00	19.59 -0.11 0.00	30.91 -0.14 0.00	31.75 0.14 0.00	37.60 -0.07 0.00	36.24 -0.17 0.00	37.08 -0.19 0.00	34.07 -0.12 0.00	38.03 -0.33 0.00	39.66 -0.30 0.00	37.12 -0.10 0.00	35.29 0.04 0.00	34.99 0.07 0.00	31.39 0.19 0.00	35.02 0.09 0.00	39.50 0.15 0.00	32.95 0.15 0.00	29.65 0.33 0.00
STEEL___WIND 323596	31.40 -0.21 0.00	27.98 -0.37 0.00	28.38 -0.26 0.00	25.73 -0.22 0.00	25.13 -0.12 0.00	24.33 -0.20 0.00	22.27 -0.06 0.00	19.73 0.03 0.00	31.26 0.21 0.00	32.30 0.68 0.00	38.17 0.50 0.00	36.71 0.30 0.00	37.48 0.20 0.00	34.42 0.23 0.00	38.37 0.01 0.00	39.88 -0.08 -0.01	37.22 0.00 0.00	35.41 0.16 0.00	35.02 0.10 0.00	31.46 0.27 0.00	35.06 0.12 0.00	39.60 0.26 0.00	33.09 0.29 0.00	29.91 0.60 0.00
STEPHTWN_115KV_BK_2 55603	32.71 1.10 0.00	29.34 1.00 0.00	29.49 0.85 0.00	26.76 0.81 0.00	26.01 0.75 0.00	25.35 0.82 0.00	23.11 0.78 0.00	33.27 0.76 -12.81	32.75 1.16 -0.54	45.32 1.12 -12.58	39.07 1.40 0.00	37.95 1.54 0.00	39.01 1.74 0.00	36.10 1.45 -0.46	40.02 1.66 0.00	41.54 1.58 0.00	38.77 1.54 0.00	36.87 1.62 0.00	36.43 1.50 0.00	32.44 1.26 0.00	36.25 1.32 0.00	40.75 1.40 0.00	34.04 1.24 0.00	30.36 1.05 0.00
STEUBEN_REC_LFGE 323667	31.49 -0.11 0.00	28.11 -0.23 0.00	28.46 -0.18 0.00	25.83 -0.12 0.00	25.34 0.09 0.00	24.69 0.17 0.00	22.58 0.24 0.00	20.13 0.43 0.00	31.94 0.89 0.00	32.79 1.18 0.00	38.88 1.21 0.00	37.36 0.95 0.00	38.24 0.96 0.00	35.15 0.96 0.00	39.17 0.82 0.00	40.71 0.76 0.00	37.96 0.73 0.00	36.10 0.84 0.00	35.76 0.83 0.00	32.02 0.83 0.00	35.73 0.79 0.00	40.39 1.05 0.00	33.53 0.74 0.00	30.08 0.76 0.00



STONY___BROOK 24151	55.44 3.19 -20.65	61.44 2.90 -30.20	71.05 2.50 -39.91	64.49 2.21 -36.33	60.21 2.14 -32.81	49.46 2.10 -22.83	52.63 2.04 -28.26	96.32 1.84 -74.78	73.22 3.22 -38.95	97.65 2.94 -63.09	57.70 3.90 -16.12	61.32 3.93 -20.98	54.27 4.01 -12.98	56.58 3.87 -18.52	94.66 4.24 -52.06	49.66 4.34 -5.36	52.80 4.20 -11.38	53.36 4.18 -13.93	63.73 3.80 -25.00	35.23 2.71 -1.33	37.66 2.72 0.00	42.41 3.06 0.00	35.89 3.09 0.00	31.98 2.67 0.00
STURGEON_POOL_HYD 23609	33.15 1.55 0.00	29.70 1.36 0.00	29.79 1.15 0.00	26.91 0.96 0.00	26.17 0.92 0.00	25.44 0.92 0.00	23.24 0.91 0.00	20.56 0.86 0.00	32.51 1.46 0.00	33.09 1.47 0.00	39.70 2.03 0.00	38.58 2.17 0.00	39.56 2.28 0.00	36.45 2.26 0.00	40.81 2.45 0.00	42.59 2.64 0.00	39.79 2.57 0.00	37.74 2.49 0.00	37.14 2.22 0.00	32.84 1.65 0.00	36.62 1.68 0.00	41.15 1.80 0.00	34.37 1.57 0.00	30.65 1.34 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.96 1.35 0.00	29.55 1.22 0.00	29.66 1.02 0.00	26.82 0.87 0.00	26.09 0.84 0.00	25.36 0.84 0.00	23.16 0.83 0.00	-34.41 -0.75 54.86	30.00 1.27 2.32	-20.97 1.28 53.87	39.45 1.77 0.00	38.30 1.89 0.00	39.23 1.95 0.00	34.12 1.90 1.96	40.47 2.11 0.00	42.20 2.24 0.00	39.42 2.20 0.00	37.40 2.15 0.00	36.84 1.91 0.00	32.59 1.40 0.00	36.37 1.44 0.00	40.86 1.52 0.00	34.11 1.31 0.00	30.43 1.12 0.00
SWANROAD_115KV_TB1 355699	30.55 -1.05 0.00	27.22 -1.12 0.00	27.64 -1.00 0.00	25.08 -0.87 0.00	24.49 -0.77 0.00	23.63 -0.90 0.00	21.59 -0.75 0.00	19.02 -0.67 0.00	30.10 -0.95 0.00	31.14 -0.48 0.00	36.63 -1.04 0.00	35.17 -1.24 0.00	35.76 -1.52 0.00	32.81 -1.38 0.00	36.48 -1.88 0.00	37.96 -2.00 0.00	35.70 -1.52 0.00	34.01 -1.25 0.00	33.65 -1.27 0.00	30.32 -0.87 0.00	33.85 -1.08 0.00	38.26 -1.08 0.00	32.04 -0.75 0.00	29.06 -0.25 0.00
SYNERGY___BIOGAS 323694	31.79 0.19 0.00	28.30 -0.04 0.00	28.68 0.05 0.00	26.01 0.07 0.00	25.40 0.15 0.00	24.57 0.04 0.00	22.49 0.16 0.00	19.84 0.14 0.00	31.30 0.25 0.00	32.29 0.68 0.00	38.02 0.34 0.00	36.51 0.09 0.00	37.21 -0.06 0.00	34.18 -0.01 0.00	38.13 -0.23 0.00	39.72 -0.23 0.00	37.39 0.17 0.00	35.57 0.31 0.00	35.31 0.38 0.00	31.84 0.65 0.00	35.52 0.58 0.00	40.09 0.74 0.00	33.43 0.63 0.00	30.16 0.85 0.00
SYRACUSE___ENERGY_ST1 323597	31.36 -0.24 0.00	28.10 -0.24 0.00	28.38 -0.26 0.00	25.69 -0.26 0.00	25.05 -0.21 0.00	24.38 -0.15 0.00	22.21 -0.12 0.00	19.61 -0.09 0.00	30.87 -0.18 0.00	31.42 -0.19 0.00	37.40 -0.28 0.00	36.11 -0.30 0.00	36.99 -0.28 0.00	33.97 -0.22 0.00	38.09 -0.26 0.00	39.71 -0.24 0.00	37.10 -0.13 0.00	35.19 -0.06 0.00	34.90 -0.02 0.00	31.19 0.00 0.00	34.82 -0.11 0.00	39.14 -0.21 0.00	32.60 -0.20 0.00	29.15 -0.16 0.00
SYRACUSE___ENERGY_ST2 323598	31.36 -0.24 0.00	28.10 -0.24 0.00	28.38 -0.26 0.00	25.69 -0.26 0.00	25.05 -0.21 0.00	24.38 -0.15 0.00	22.21 -0.12 0.00	19.61 -0.09 0.00	30.87 -0.18 0.00	31.42 -0.19 0.00	37.40 -0.28 0.00	36.11 -0.30 0.00	36.99 -0.28 0.00	33.97 -0.22 0.00	38.09 -0.26 0.00	39.71 -0.24 0.00	37.10 -0.13 0.00	35.19 -0.06 0.00	34.90 -0.02 0.00	31.19 0.00 0.00	34.82 -0.11 0.00	39.14 -0.21 0.00	32.60 -0.20 0.00	29.15 -0.16 0.00
SYRACUSE___POWER 24017	31.35 -0.25 0.00	28.08 -0.26 0.00	28.36 -0.28 0.00	25.68 -0.26 0.00	25.04 -0.22 0.00	24.34 -0.19 0.00	22.18 -0.15 0.00	19.57 -0.13 0.00	30.82 -0.23 0.00	31.43 -0.19 0.00	37.42 -0.26 0.00	36.11 -0.30 0.00	36.99 -0.29 0.00	33.97 -0.22 0.00	38.09 -0.26 0.00	39.72 -0.23 0.00	37.10 -0.12 0.00	35.21 -0.04 0.00	34.90 -0.03 0.00	31.19 0.00 0.00	34.83 -0.11 0.00	39.16 -0.18 0.00	32.61 -0.18 0.00	29.16 -0.16 0.00
TALLMAN___138KV_BK151 55660	33.11 1.51 0.00	29.69 1.36 0.00	29.75 1.11 0.00	26.89 0.95 0.00	26.17 0.91 0.00	25.48 0.95 0.00	23.28 0.94 0.00	-50.68 0.85 71.22	29.47 1.43 3.01	-36.91 1.42 69.95	39.64 1.96 0.00	38.48 2.07 0.00	39.39 2.11 0.00	33.72 2.08 2.55	40.67 2.31 0.00	42.41 2.46 0.00	39.62 2.40 0.00	37.63 2.38 0.00	37.01 2.09 0.00	32.71 1.52 0.00	36.49 1.55 0.00	40.97 1.63 0.00	34.22 1.42 0.00	30.53 1.22 0.00
TEALLAVE_115KV_TB7 355573	31.18 -0.42 0.00	27.94 -0.40 0.00	28.23 -0.42 0.00	25.57 -0.38 0.00	24.91 -0.34 0.00	24.20 -0.33 0.00	22.06 -0.27 0.00	19.45 -0.24 0.00	30.64 -0.41 0.00	31.26 -0.35 0.00	37.22 -0.46 0.00	35.93 -0.48 0.00	36.80 -0.48 0.00	33.79 -0.39 0.00	37.89 -0.47 0.00	39.50 -0.46 0.00	36.89 -0.34 0.00	35.00 -0.25 0.00	34.68 -0.25 0.00	30.99 -0.21 0.00	34.61 -0.33 0.00	38.91 -0.44 0.00	32.41 -0.39 0.00	28.98 -0.33 0.00
TELGRAPH_34_KV_EAST 80808	31.23 -0.37 0.00	27.85 -0.49 0.00	28.23 -0.41 0.00	25.61 -0.33 0.00	25.00 -0.25 0.00	24.16 -0.37 0.00	22.11 -0.23 0.00	19.49 -0.21 0.00	30.80 -0.25 0.00	31.84 0.23 0.00	37.48 -0.20 0.00	35.97 -0.44 0.00	36.59 -0.68 0.00	33.57 -0.62 0.00	37.36 -1.00 0.00	38.91 -1.05 0.00	36.62 -0.61 0.00	34.84 -0.41 0.00	34.50 -0.43 0.00	31.07 -0.12 0.00	34.67 -0.27 0.00	39.17 -0.18 0.00	32.73 -0.06 0.00	29.62 0.31 0.00
TEMPLE___115KV_TB 2 55572	31.21 -0.40 0.00	27.95 -0.39 0.00	28.24 -0.40 0.00	25.58 -0.37 0.00	24.93 -0.33 0.00	24.22 -0.31 0.00	22.07 -0.26 0.00	19.47 -0.23 0.00	30.67 -0.39 0.00	31.29 -0.32 0.00	37.25 -0.43 0.00	35.97 -0.45 0.00	36.84 -0.44 0.00	33.83 -0.36 0.00	37.93 -0.43 0.00	39.54 -0.41 0.00	36.93 -0.30 0.00	35.04 -0.22 0.00	34.71 -0.21 0.00	31.01 -0.18 0.00	34.64 -0.30 0.00	38.93 -0.41 0.00	32.43 -0.37 0.00	29.01 -0.30 0.00
TIANA___69_KV_BK 1 55817	56.08 3.83 -20.65	61.90 3.35 -30.21	71.49 2.94 -39.91	64.92 2.64 -36.33	60.62 2.56 -32.81	49.69 2.32 -22.83	52.83 2.24 -28.26	96.54 2.06 -74.78	73.73 3.73 -38.95	98.19 3.49 -63.09	58.50 4.71 -16.12	62.13 4.74 -20.98	55.15 4.90 -12.98	57.41 4.70 -18.52	88.03 5.19 -44.48	50.59 5.28 -5.35	53.66 5.05 -11.38	54.07 4.88 -13.93	64.45 4.52 -25.00	35.69 3.45 -1.05	38.51 3.58 0.00	43.21 3.86 0.00	36.45 3.65 0.00	32.43 3.11 0.00
TILDEN___115KV_TB1 80814	31.35 -0.25 0.00	28.08 -0.26 0.00	28.36 -0.28 0.00	25.68 -0.26 0.00	25.04 -0.22 0.00	24.34 -0.19 0.00	22.18 -0.15 0.00	19.57 -0.13 0.00	30.82 -0.23 0.00	31.43 -0.19 0.00	37.42 -0.26 0.00	36.11 -0.30 0.00	36.99 -0.29 0.00	33.97 -0.22 0.00	38.09 -0.26 0.00	39.72 -0.23 0.00	37.10 -0.12 0.00	35.21 -0.04 0.00	34.90 -0.03 0.00	31.19 0.00 0.00	34.83 -0.11 0.00	39.16 -0.18 0.00	32.61 -0.18 0.00	29.16 -0.16 0.00
TRIGEN___CC 323695	54.64 2.38 -20.65	59.66 2.12 -29.20	70.36 1.81 -39.91	63.89 1.61 -36.33	59.62 1.56 -32.81	48.93 1.56 -22.83	52.12 1.54 -28.26	95.83 1.36 -74.78	72.25 2.25 -38.95	96.86 2.16 -63.09	56.72 2.92 -16.12	60.39 3.00 -20.98	53.34 3.08 -12.98	55.66 2.95 -18.52	58.67 3.23 -17.08	48.72 3.41 -5.35	51.86 3.27 -11.37	52.38 3.20 -13.92	62.76 2.83 -25.00	33.21 2.02 0.00	37.08 2.14 0.00	41.70 2.36 0.00	35.07 2.27 0.00	31.27 1.96 0.00



TRINITY__115KV__4 BK 55933	32.48 0.87 0.00	29.23 0.89 0.00	29.40 0.76 0.00	26.67 0.72 0.00	25.96 0.71 0.00	25.27 0.74 0.00	23.01 0.68 0.00	33.11 0.60 -12.81	32.51 0.92 -0.54	45.05 0.85 -12.58	38.82 1.14 0.00	37.67 1.26 0.00	38.53 1.25 0.00	35.76 1.12 -0.46	39.56 1.20 0.00	41.10 1.14 0.00	38.37 1.15 0.00	36.44 1.18 0.00	35.99 1.06 0.00	32.05 0.86 0.00	35.89 0.96 0.00	40.32 0.98 0.00	33.73 0.93 0.00	30.13 0.82 0.00
UNION__PROCESSING_DRP 323587	31.30 -0.30 0.00	27.98 -0.36 0.00	28.29 -0.35 0.00	25.65 -0.30 0.00	25.01 -0.24 0.00	24.26 -0.27 0.00	22.18 -0.15 0.00	19.59 -0.10 0.00	30.93 -0.12 0.00	31.77 0.15 0.00	37.62 -0.05 0.00	36.25 -0.16 0.00	37.10 -0.18 0.00	34.09 -0.09 0.00	38.05 -0.31 0.00	39.67 -0.29 0.00	37.15 -0.08 0.00	35.31 0.06 0.00	35.01 0.08 0.00	31.41 0.22 0.00	35.03 0.10 0.00	39.52 0.18 0.00	32.97 0.17 0.00	29.65 0.34 0.00
UPPER HUDSON__HYD 24058	33.49 1.88 0.00	29.92 1.58 0.00	30.12 1.48 0.00	27.27 1.33 0.00	26.56 1.31 0.00	25.93 1.40 0.00	23.71 1.38 0.00	33.17 1.26 -12.21	33.62 2.05 -0.52	45.60 2.00 -11.99	39.95 2.27 0.00	38.76 2.35 0.00	39.52 2.24 0.00	36.44 1.82 -0.44	40.37 2.01 0.00	41.97 2.01 0.00	39.18 1.96 0.00	37.22 1.97 0.00	37.04 2.11 0.00	32.95 1.76 0.00	37.21 2.28 0.00	41.81 2.47 0.00	34.94 2.15 0.00	31.19 1.87 0.00
UPPER RAQUET__HYD 24056	31.66 0.05 0.00	28.32 -0.03 0.00	28.73 0.09 0.00	26.07 0.12 0.00	25.32 0.07 0.00	24.58 0.06 0.00	22.38 0.05 0.00	19.60 -0.10 0.00	30.86 -0.19 0.00	31.43 -0.19 0.00	37.32 -0.35 0.00	35.83 -0.58 0.00	36.65 -0.63 0.00	33.19 -1.00 0.00	37.37 -0.99 0.00	38.98 -0.98 0.00	36.17 -1.05 0.00	34.18 -1.07 0.00	33.91 -1.02 0.00	30.44 -0.75 0.00	34.30 -0.63 0.00	39.25 -0.10 0.00	32.88 0.08 0.00	29.47 0.15 0.00
VALLEY44_115KV_TB2 355964	31.38 -0.22 0.00	28.05 -0.29 0.00	28.47 -0.17 0.00	25.79 -0.16 0.00	25.20 -0.06 0.00	24.51 -0.01 0.00	22.45 0.11 0.00	19.90 0.20 0.00	31.45 0.40 0.00	32.37 0.76 0.00	38.25 0.57 0.00	36.58 0.17 0.00	37.48 0.21 0.00	34.46 0.27 0.00	38.41 0.05 0.00	39.94 -0.02 0.00	37.29 0.07 0.00	35.41 0.16 0.00	34.93 0.00 0.00	31.12 -0.07 0.00	34.77 -0.16 0.00	39.37 0.02 0.00	32.98 0.18 0.00	29.85 0.54 0.00
VALLEY__115KV_TB 1-4 80826	31.59 -0.02 0.00	28.35 0.01 0.00	28.62 -0.02 0.00	25.92 -0.03 0.00	25.24 -0.01 0.00	24.52 -0.01 0.00	22.27 -0.06 0.00	19.67 -0.03 0.00	31.05 -0.01 0.00	31.68 0.06 0.00	37.83 0.15 0.00	36.74 0.33 0.00	37.57 0.30 0.00	34.53 0.35 0.00	38.70 0.35 0.00	40.30 0.35 0.00	37.69 0.47 0.00	35.66 0.40 0.00	35.33 0.41 0.00	31.51 0.32 0.00	35.23 0.29 0.00	39.62 0.27 0.00	33.02 0.22 0.00	29.44 0.12 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.78 1.18 0.00	29.41 1.08 0.00	29.62 0.98 0.00	26.78 0.83 0.00	26.08 0.82 0.00	25.44 0.91 0.00	23.17 0.84 0.00	20.48 0.78 0.00	32.33 1.28 0.00	32.86 1.24 0.00	39.20 1.53 0.00	37.90 1.48 0.00	38.84 1.57 0.00	35.65 1.46 0.00	39.99 1.63 0.00	41.67 1.71 0.00	38.92 1.69 0.00	36.96 1.71 0.00	36.58 1.65 0.00	32.59 1.40 0.00	36.43 1.50 0.00	40.94 1.60 0.00	34.12 1.33 0.00	30.48 1.17 0.00
VISCHER__FERRY HYD 24020	33.07 1.47 0.00	29.73 1.39 0.00	29.93 1.29 0.00	27.12 1.17 0.00	26.39 1.14 0.00	25.68 1.15 0.00	23.37 1.03 0.00	33.60 0.93 -12.97	33.11 1.51 -0.55	45.80 1.45 -12.73	39.51 1.83 0.00	38.33 1.92 0.00	39.17 1.89 0.00	36.35 1.70 -0.46	40.21 1.85 0.00	41.70 1.75 0.00	38.95 1.72 0.00	36.99 1.73 0.00	36.58 1.65 0.00	32.59 1.41 0.00	36.53 1.60 0.00	41.03 1.69 0.00	34.32 1.52 0.00	30.67 1.35 0.00
V_A_10_SYNC_DSASP 323832	30.87 -0.74 0.00	27.60 -0.74 0.00	27.97 -0.67 0.00	25.37 -0.58 0.00	24.75 -0.50 0.00	23.94 -0.58 0.00	21.90 -0.43 0.00	19.31 -0.39 0.00	30.50 -0.55 0.00	31.48 -0.14 0.00	37.18 -0.49 0.00	35.75 -0.66 0.00	36.49 -0.79 0.00	33.50 -0.69 0.00	37.34 -1.02 0.00	38.86 -1.09 0.00	36.39 -0.83 0.00	34.58 -0.67 0.00	34.23 -0.70 0.00	30.73 -0.46 0.00	34.30 -0.63 0.00	38.75 -0.59 0.00	32.42 -0.38 0.00	29.32 0.01 0.00
V_CMM_10_SYNC_DSASP 323787	31.44 -0.16 0.00	28.16 -0.17 0.00	28.56 -0.08 0.00	25.93 -0.02 0.00	25.20 -0.05 0.00	24.45 -0.08 0.00	22.29 -0.04 0.00	19.63 -0.07 0.00	30.92 -0.13 0.00	31.49 -0.12 0.00	37.44 -0.24 0.00	36.10 -0.31 0.00	36.96 -0.32 0.00	33.76 -0.42 0.00	37.99 -0.37 0.00	39.59 -0.36 0.00	36.77 -0.45 0.00	34.72 -0.54 0.00	34.43 -0.49 0.00	30.85 -0.34 0.00	34.69 -0.24 0.00	39.28 -0.07 0.00	32.63 -0.17 0.00	29.15 -0.16 0.00
V_CMP_10_SYNC_DSASP 323788	31.95 0.34 0.00	28.62 0.28 0.00	28.96 0.32 0.00	26.23 0.28 0.00	25.50 0.25 0.00	24.90 0.38 0.00	22.83 0.50 0.00	20.21 0.52 0.00	31.90 0.85 0.00	32.33 0.72 0.00	38.64 0.97 0.00	37.25 0.84 0.00	38.05 0.77 0.00	34.78 0.59 0.00	39.18 0.82 0.00	40.66 0.71 0.00	37.67 0.45 0.00	35.63 0.38 0.00	35.37 0.45 0.00	31.68 0.49 0.00	35.55 0.62 0.00	40.19 0.84 0.00	33.39 0.60 0.00	29.81 0.50 0.00
V_E_10_SYNC_DSASP 323830	33.59 1.99 0.00	30.03 1.69 0.00	30.40 1.77 0.00	27.52 1.57 0.00	26.88 1.63 0.00	26.14 1.61 0.00	23.94 1.61 0.00	21.22 1.52 0.00	33.42 2.37 0.00	34.09 2.47 0.00	40.45 2.78 0.00	38.76 2.35 0.00	39.80 2.53 0.00	36.52 2.33 0.00	41.07 2.72 0.00	42.80 2.85 0.00	40.16 2.93 0.00	38.24 2.98 0.00	38.10 3.17 0.00	34.17 2.98 0.00	38.04 3.11 0.00	42.76 3.41 0.00	35.48 2.69 0.00	31.53 2.22 0.00
V_F_30_NSYNC__DSASP 323816	33.53 1.92 0.00	30.05 1.71 0.00	30.26 1.62 0.00	27.39 1.44 0.00	26.67 1.42 0.00	25.98 1.46 0.00	23.70 1.37 0.00	33.26 1.24 -12.32	33.56 1.99 -0.52	45.67 1.95 -12.10	40.05 2.38 0.00	38.85 2.44 0.00	39.70 2.43 0.00	36.79 2.16 -0.44	40.76 2.40 0.00	42.32 2.37 0.00	39.53 2.30 0.00	37.57 2.31 0.00	37.19 2.27 0.00	33.15 1.96 0.00	37.20 2.27 0.00	41.78 2.44 0.00	34.91 2.11 0.00	31.15 1.83 0.00
V_F_30_SYNC_DSASP 323786	32.59 0.99 0.00	29.33 0.99 0.00	29.50 0.86 0.00	26.76 0.82 0.00	26.05 0.80 0.00	25.36 0.83 0.00	23.09 0.76 0.00	33.06 0.68 -12.68	32.64 1.05 -0.54	45.08 1.00 -12.46	39.01 1.34 0.00	37.85 1.44 0.00	38.73 1.46 0.00	35.95 1.31 -0.45	39.78 1.42 0.00	41.34 1.39 0.00	38.61 1.39 0.00	36.65 1.40 0.00	36.19 1.27 0.00	32.24 1.05 0.00	36.08 1.14 0.00	40.53 1.19 0.00	33.89 1.09 0.00	30.26 0.95 0.00
V_XM_10_SYNC_DSASP 323789	31.95 0.34 0.00	28.62 0.28 0.00	28.96 0.32 0.00	26.23 0.28 0.00	25.50 0.25 0.00	24.90 0.38 0.00	22.83 0.50 0.00	20.21 0.52 0.00	31.90 0.85 0.00	32.33 0.72 0.00	38.64 0.97 0.00	37.25 0.84 0.00	38.05 0.77 0.00	34.78 0.59 0.00	39.18 0.82 0.00	40.66 0.71 0.00	37.67 0.45 0.00	35.63 0.38 0.00	35.37 0.45 0.00	31.68 0.49 0.00	35.55 0.62 0.00	40.19 0.84 0.00	33.39 0.60 0.00	29.81 0.50 0.00



W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.24 1.63 0.00	29.80 1.46 0.00	29.86 1.22 0.00	26.99 1.04 0.00	26.26 1.01 0.00	25.57 1.04 0.00	23.37 1.03 0.00	-55.04 0.93 75.66	29.41 1.56 3.20	-41.14 1.55 74.31	39.81 2.13 0.00	38.64 2.23 0.00	39.55 2.27 0.00	33.71 2.23 2.71	40.84 2.48 0.00	42.59 2.64 0.00	39.78 2.56 0.00	37.78 2.52 0.00	37.17 2.24 0.00	32.84 1.65 0.00	36.63 1.70 0.00	41.13 1.79 0.00	34.35 1.55 0.00	30.64 1.33 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.41 1.80 0.00	29.93 1.59 0.00	29.96 1.32 0.00	27.09 1.14 0.00	26.36 1.11 0.00	25.66 1.13 0.00	23.49 1.16 0.00	75.58 1.04 -54.84	35.13 1.75 -2.32	87.25 1.77 -53.86	40.08 2.40 0.00	38.92 2.51 0.00	39.89 2.62 0.00	38.71 2.56 -1.96	41.20 2.85 0.00	42.96 3.01 0.00	40.09 2.87 0.00	38.06 2.81 0.00	37.40 2.47 0.00	33.05 1.86 0.00	36.82 1.89 0.00	41.34 2.00 0.00	34.57 1.77 0.00	30.87 1.56 0.00
W50THST__13_KV_LOAD 356117	33.60 1.99 0.00	30.09 1.75 0.00	30.12 1.49 0.00	27.23 1.28 0.00	26.49 1.24 0.00	25.80 1.27 0.00	23.64 1.31 0.00	75.73 1.19 -54.84	35.37 2.00 -2.32	87.55 2.08 -53.86	40.44 2.76 0.00	39.28 2.86 0.00	40.26 2.98 0.00	39.06 2.90 -1.96	41.58 3.22 0.00	43.36 3.40 0.00	40.45 3.23 0.00	38.39 3.14 0.00	37.71 2.78 0.00	33.30 2.12 0.00	37.08 2.14 0.00	41.62 2.27 0.00	34.80 2.01 0.00	31.08 1.76 0.00
WADING RIVER_IC_1 23522	55.67 3.42 -20.65	61.65 3.09 -30.21	71.27 2.72 -39.91	64.68 2.40 -36.33	60.37 2.31 -32.81	49.38 2.02 -22.83	52.54 1.95 -28.26	96.29 1.81 -74.78	73.33 3.33 -38.95	97.73 3.02 -63.09	57.99 4.19 -16.12	61.60 4.21 -20.98	54.58 4.33 -12.98	56.88 4.17 -18.52	87.35 4.57 -44.42	49.90 4.58 -5.36	53.00 4.40 -11.38	53.41 4.23 -13.93	63.80 3.87 -25.00	35.15 2.92 -1.04	37.92 2.99 0.00	42.59 3.25 0.00	35.97 3.17 0.00	32.03 2.72 0.00
WADING RIVER_IC_2 23547	55.67 3.42 -20.65	61.65 3.09 -30.21	71.27 2.72 -39.91	64.68 2.40 -36.33	60.37 2.31 -32.81	49.38 2.02 -22.83	52.54 1.95 -28.26	96.29 1.81 -74.78	73.33 3.33 -38.95	97.73 3.02 -63.09	57.99 4.19 -16.12	61.60 4.21 -20.98	54.58 4.33 -12.98	56.88 4.17 -18.52	87.35 4.57 -44.42	49.90 4.58 -5.36	53.00 4.40 -11.38	53.41 4.23 -13.93	63.80 3.87 -25.00	35.15 2.92 -1.04	37.92 2.99 0.00	42.59 3.25 0.00	35.97 3.17 0.00	32.03 2.72 0.00
WADING RIVER_IC_3 23601	55.67 3.42 -20.65	61.65 3.09 -30.21	71.27 2.72 -39.91	64.68 2.40 -36.33	60.37 2.31 -32.81	49.38 2.02 -22.83	52.54 1.95 -28.26	96.29 1.81 -74.78	73.33 3.33 -38.95	97.73 3.02 -63.09	57.99 4.19 -16.12	61.60 4.21 -20.98	54.58 4.33 -12.98	56.88 4.17 -18.52	87.35 4.57 -44.42	49.90 4.58 -5.36	53.00 4.40 -11.38	53.41 4.23 -13.93	63.80 3.87 -25.00	35.15 2.92 -1.04	37.92 2.99 0.00	42.59 3.25 0.00	35.97 3.17 0.00	32.03 2.72 0.00
WALDENNY_I2_KV_BK2 80841	31.37 -0.23 0.00	27.97 -0.36 0.00	28.37 -0.27 0.00	25.72 -0.22 0.00	25.13 -0.12 0.00	24.32 -0.21 0.00	22.25 -0.08 0.00	19.70 0.00 0.00	31.24 0.19 0.00	32.29 0.68 0.00	38.16 0.49 0.00	36.70 0.29 0.00	37.47 0.19 0.00	34.42 0.22 0.00	38.37 0.00 0.00	39.89 -0.07 0.00	37.25 0.03 0.00	35.44 0.18 0.00	35.06 0.13 0.00	31.48 0.29 0.00	35.08 0.15 0.00	39.64 0.29 0.00	33.10 0.31 0.00	29.93 0.62 0.00
WALDEN___HYDRO 24148	33.28 1.68 0.00	29.83 1.49 0.00	29.90 1.26 0.00	27.03 1.08 0.00	26.30 1.04 0.00	25.61 1.08 0.00	23.40 1.07 0.00	20.76 1.06 0.00	32.79 1.73 0.00	33.28 1.67 0.00	39.88 2.21 0.00	38.75 2.34 0.00	39.62 2.35 0.00	36.46 2.27 0.00	40.85 2.49 0.00	42.66 2.71 0.00	39.95 2.73 0.00	37.96 2.71 0.00	37.45 2.52 0.00	33.20 2.01 0.00	37.10 2.16 0.00	41.65 2.31 0.00	34.74 1.95 0.00	30.96 1.65 0.00
WARRENSBURG____ 23737	33.49 1.88 0.00	29.92 1.58 0.00	30.12 1.48 0.00	27.27 1.33 0.00	26.56 1.31 0.00	25.93 1.40 0.00	23.71 1.38 0.00	33.17 1.26 -12.21	33.62 2.05 -0.52	45.60 2.00 -11.99	39.95 2.27 0.00	38.76 2.35 0.00	39.52 2.24 0.00	36.44 1.82 -0.44	40.37 2.01 0.00	41.97 2.01 0.00	39.18 1.96 0.00	37.22 1.97 0.00	37.04 2.11 0.00	32.95 1.76 0.00	37.21 2.28 0.00	41.81 2.47 0.00	34.94 2.15 0.00	31.19 1.87 0.00
WATERSIDE___6 8 9 23538	33.40 1.80 0.00	29.95 1.61 0.00	29.96 1.32 0.00	27.09 1.14 0.00	26.35 1.10 0.00	25.68 1.15 0.00	23.51 1.18 0.00	75.56 1.05 -54.81	35.14 1.77 -2.32	87.21 1.76 -53.83	40.04 2.36 0.00	38.92 2.51 0.00	39.90 2.63 0.00	38.70 2.54 -1.96	41.20 2.84 0.00	42.94 2.98 0.00	40.11 2.89 0.00	38.06 2.81 0.00	37.36 2.43 0.00	33.02 1.83 0.00	36.75 1.81 0.00	41.30 1.96 0.00	34.58 1.79 0.00	30.87 1.56 0.00
WATKINRD_115KV_LN8_ILLION 55919	31.63 0.02 0.00	28.38 0.04 0.00	28.64 0.00 0.00	25.93 -0.01 0.00	25.24 -0.01 0.00	24.55 0.02 0.00	22.31 -0.03 0.00	19.70 0.00 0.00	31.08 0.03 0.00	31.65 0.04 0.00	37.77 0.09 0.00	36.59 0.18 0.00	37.43 0.15 0.00	34.36 0.17 0.00	38.54 0.18 0.00	40.12 0.17 0.00	37.50 0.28 0.00	35.50 0.24 0.00	35.21 0.28 0.00	31.43 0.24 0.00	35.15 0.22 0.00	39.54 0.19 0.00	32.96 0.16 0.00	29.40 0.09 0.00
WATSON___69_KV_BK 1 55734	55.68 3.42 -20.65	61.53 3.04 -30.15	71.23 2.68 -39.91	64.68 2.40 -36.33	60.38 2.32 -32.81	49.61 2.25 -22.83	52.77 2.18 -28.26	96.46 1.99 -74.78	73.42 3.42 -38.95	97.96 3.25 -63.09	58.02 4.23 -16.12	61.59 4.20 -20.98	54.54 4.28 -12.98	56.84 4.13 -18.52	73.62 4.49 -30.77	49.98 4.67 -5.35	53.05 4.45 -11.38	53.52 4.34 -13.92	63.87 3.95 -25.00	34.58 2.87 -0.52	38.03 3.09 0.00	42.74 3.40 0.00	36.14 3.35 0.00	32.19 2.88 0.00
WDELAWARE___HYD 323627	32.66 1.06 0.00	29.28 0.94 0.00	29.30 0.66 0.00	26.45 0.51 0.00	25.75 0.50 0.00	25.15 0.62 0.00	22.98 0.65 0.00	20.33 0.63 0.00	32.10 1.05 0.00	32.53 0.92 0.00	38.91 1.23 0.00	37.80 1.39 0.00	38.79 1.51 0.00	35.53 1.34 0.00	38.87 0.51 0.00	40.65 0.70 0.00	38.04 0.81 0.00	36.46 1.21 0.00	36.01 1.09 0.00	32.01 0.82 0.00	36.43 1.50 0.00	40.90 1.56 0.00	34.09 1.29 0.00	30.38 1.07 0.00
WEST BABYLON___IC 23714	55.46 3.21 -20.65	61.21 2.85 -30.02	71.05 2.50 -39.91	64.52 2.24 -36.33	60.22 2.16 -32.81	49.47 2.11 -22.83	52.65 2.06 -28.26	96.33 1.85 -74.78	73.14 3.15 -38.95	97.74 3.04 -63.09	57.66 3.87 -16.12	61.24 3.85 -20.98	54.22 3.96 -12.98	56.54 3.83 -18.52	62.88 4.14 -20.37	49.65 4.34 -5.35	52.72 4.12 -11.37	53.19 4.01 -13.92	63.55 3.62 -25.00	33.95 2.63 -0.12	37.78 2.84 0.00	42.48 3.13 0.00	35.92 3.13 0.00	31.99 2.68 0.00
WEST CANADA___HYD 24049	31.62 0.02 0.00	28.37 0.03 0.00	28.64 0.00 0.00	25.95 0.00 0.00	25.25 0.00 0.00	24.53 0.00 0.00	22.33 0.00 0.00	19.71 0.01 0.00	31.08 0.03 0.00	31.64 0.03 0.00	37.71 0.04 0.00	36.45 0.04 0.00	37.31 0.04 0.00	34.26 0.07 0.00	38.41 0.05 0.00	40.00 0.05 0.00	37.30 0.08 0.00	35.37 0.11 0.00	35.03 0.10 0.00	31.29 0.09 0.00	35.01 0.07 0.00	39.40 0.05 0.00	32.86 0.07 0.00	29.35 0.04 0.00



WESTERN_NY_WIND 24143	31.76 0.15 0.00	28.27 -0.07 0.00	28.66 0.02 0.00	25.99 0.04 0.00	25.38 0.13 0.00	24.54 0.01 0.00	22.46 0.13 0.00	19.82 0.12 0.00	31.27 0.22 0.00	32.26 0.65 0.00	37.97 0.30 0.00	36.46 0.05 0.00	37.17 -0.11 0.00	34.12 -0.07 0.00	38.06 -0.30 0.00	39.65 -0.31 0.00	37.33 0.11 0.00	35.51 0.25 0.00	35.25 0.32 0.00	31.79 0.60 0.00	35.46 0.53 0.00	40.02 0.68 0.00	33.39 0.59 0.00	30.13 0.82 0.00
WESTOVER___LESR 323668	31.78 0.17 0.00	28.43 0.09 0.00	28.75 0.11 0.00	26.01 0.06 0.00	25.39 0.14 0.00	24.70 0.18 0.00	22.53 0.20 0.00	19.93 0.23 0.00	31.47 0.42 0.00	32.13 0.52 0.00	38.32 0.65 0.00	36.95 0.53 0.00	37.86 0.59 0.00	34.74 0.56 0.00	38.93 0.57 0.00	40.59 0.64 0.00	37.88 0.66 0.00	35.94 0.68 0.00	35.55 0.62 0.00	31.71 0.52 0.00	35.37 0.43 0.00	39.80 0.45 0.00	33.18 0.38 0.00	29.71 0.40 0.00
WETHRSFD_WT_PWR 323626	31.20 -0.40 0.00	27.81 -0.53 0.00	28.21 -0.43 0.00	25.58 -0.37 0.00	25.04 -0.21 0.00	24.30 -0.23 0.00	22.21 -0.12 0.00	19.75 0.05 0.00	31.35 0.30 0.00	32.26 0.65 0.00	38.23 0.55 0.00	36.75 0.34 0.00	37.58 0.30 0.00	34.52 0.33 0.00	38.48 0.12 0.00	39.99 0.03 0.00	37.16 -0.07 0.00	35.33 0.07 0.00	34.96 0.03 0.00	31.33 0.14 0.00	34.93 0.00 0.00	39.47 0.12 0.00	32.89 0.09 0.00	29.62 0.31 0.00
WHAVSTOR_138KV_BK127 55557	33.09 1.49 0.00	29.68 1.34 0.00	29.75 1.11 0.00	26.89 0.94 0.00	26.17 0.91 0.00	25.47 0.94 0.00	23.27 0.94 0.00	-56.01 0.84 76.54	29.23 1.42 3.24	-42.15 1.40 75.17	39.61 1.93 0.00	38.42 2.01 0.00	39.31 2.04 0.00	33.45 2.00 2.74	40.58 2.22 0.00	42.31 2.36 0.00	39.52 2.29 0.00	37.53 2.28 0.00	36.92 1.99 0.00	32.64 1.44 0.00	36.41 1.48 0.00	40.89 1.55 0.00	34.16 1.37 0.00	30.48 1.18 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.09 1.49 0.00	29.68 1.34 0.00	29.75 1.11 0.00	26.89 0.94 0.00	26.17 0.91 0.00	25.47 0.94 0.00	23.27 0.94 0.00	-56.01 0.84 76.54	29.23 1.42 3.24	-42.15 1.40 75.17	39.61 1.93 0.00	38.42 2.01 0.00	39.31 2.04 0.00	33.45 2.00 2.74	40.58 2.22 0.00	42.31 2.36 0.00	39.52 2.29 0.00	37.53 2.28 0.00	36.92 1.99 0.00	32.64 1.44 0.00	36.41 1.48 0.00	40.89 1.55 0.00	34.16 1.37 0.00	30.48 1.18 0.00
WHITEHAL_115KV_TB1 80871	34.32 2.72 0.00	30.51 2.17 0.00	30.75 2.11 0.00	27.87 1.92 0.00	27.17 1.92 0.00	26.55 2.03 0.00	24.54 2.21 0.00	33.90 1.94 -12.26	34.79 3.22 -0.52	46.78 3.13 -12.04	41.48 3.81 0.00	40.29 3.88 0.00	40.96 3.68 0.00	37.83 3.20 -0.44	41.91 3.55 0.00	43.64 3.69 0.00	40.78 3.55 0.00	38.62 3.36 0.00	38.28 3.35 0.00	33.80 2.61 0.00	37.95 3.01 0.00	42.65 3.30 0.00	35.85 3.06 0.00	32.16 2.85 0.00
WHITEPLN_13_KV_LOAD 356215	33.55 1.95 0.00	30.06 1.72 0.00	30.17 1.53 0.00	27.27 1.32 0.00	26.53 1.27 0.00	25.75 1.23 0.00	23.56 1.22 0.00	79.04 1.10 -58.25	35.37 1.85 -2.46	90.83 2.02 -57.20	40.37 2.69 0.00	39.22 2.81 0.00	40.20 2.92 0.00	39.10 2.83 -2.09	41.52 3.16 0.00	43.30 3.35 0.00	40.44 3.22 0.00	38.22 2.96 0.00	37.55 2.63 0.00	33.19 2.00 0.00	36.99 2.05 0.00	41.56 2.21 0.00	34.71 1.91 0.00	30.97 1.66 0.00
WM_FLOYD_69_KV_BK2 356380	55.71 3.45 -20.65	61.57 3.03 -30.21	71.20 2.65 -39.91	64.66 2.38 -36.33	60.37 2.31 -32.81	49.47 2.10 -22.83	52.62 2.04 -28.26	96.34 1.86 -74.78	73.31 3.31 -38.95	97.76 3.05 -63.09	57.91 4.12 -16.12	61.53 4.13 -20.98	54.49 4.23 -12.98	56.81 4.10 -18.52	87.70 4.49 -44.86	49.90 4.59 -5.35	53.01 4.41 -11.38	53.44 4.26 -13.93	63.83 3.90 -25.00	35.14 2.89 -1.06	37.90 2.97 0.00	42.57 3.22 0.00	35.97 3.17 0.00	32.03 2.72 0.00
WOODARD___115KV_TB2 355635	31.10 -0.50 0.00	27.86 -0.47 0.00	28.16 -0.48 0.00	25.51 -0.44 0.00	24.85 -0.40 0.00	24.14 -0.39 0.00	22.00 -0.34 0.00	19.41 -0.29 0.00	30.57 -0.48 0.00	31.19 -0.43 0.00	37.13 -0.55 0.00	35.84 -0.57 0.00	36.71 -0.57 0.00	33.70 -0.49 0.00	37.80 -0.56 0.00	39.40 -0.55 0.00	36.80 -0.42 0.00	34.91 -0.35 0.00	34.59 -0.33 0.00	30.92 -0.27 0.00	34.53 -0.40 0.00	38.82 -0.53 0.00	32.34 -0.46 0.00	28.92 -0.39 0.00
YORK___WARBASSE 23770	33.49 1.89 0.00	30.03 1.69 0.00	30.04 1.40 0.00	27.15 1.20 0.00	26.42 1.16 0.00	25.74 1.21 0.00	23.53 1.20 0.00	75.57 1.05 -54.81	35.14 1.77 -2.32	87.21 1.77 -53.83	40.07 2.40 0.00	38.95 2.54 0.00	39.95 2.68 0.00	38.74 2.59 -1.96	41.28 2.92 0.00	43.01 3.06 0.00	40.19 2.96 0.00	38.13 2.87 0.00	37.44 2.51 0.00	33.14 1.95 0.00	36.88 1.95 0.00	41.50 2.15 0.00	34.75 1.95 0.00	31.02 1.71 0.00