

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

11/17/2024

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	29.34	33.94	29.53	27.48	29.56	33.89	38.11	46.41	29.26	25.59	23.49	20.89	20.64	24.28	26.28	33.05	40.66	40.54	40.75	37.94	41.58	35.92	35.45	32.22
24138	1.60	1.71	1.50	1.31	1.49	1.64	1.82	2.40	1.61	1.58	1.60	1.40	1.40	1.65	1.67	2.04	2.45	2.59	2.61	2.41	2.69	2.31	2.15	1.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	29.37	33.99	29.56	27.52	29.61	33.94	38.16	46.49	29.29	25.62	23.51	20.90	20.65	24.30	26.29	33.07	40.69	40.57	40.78	37.97	41.60	35.96	35.48	32.25
24260	1.64	1.76	1.53	1.36	1.53	1.70	1.87	2.48	1.65	1.62	1.62	1.41	1.42	1.66	1.68	2.05	2.48	2.62	2.63	2.44	2.71	2.35	2.19	1.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.37	33.99	29.56	27.52	29.61	33.94	38.16	46.49	29.29	25.62	23.51	20.90	20.65	24.30	26.29	33.07	40.69	40.57	40.78	37.97	41.60	35.96	35.48	32.25
24261	1.64	1.76	1.53	1.36	1.53	1.70	1.87	2.48	1.65	1.62	1.62	1.41	1.42	1.66	1.68	2.05	2.48	2.62	2.63	2.44	2.71	2.35	2.19	1.89
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	29.42	34.27	29.72	27.84	29.81	34.27	38.80	47.15	29.40	25.15	22.89	20.36	20.25	24.08	26.39	33.39	41.24	41.09	41.11	38.20	41.70	36.00	35.35	32.33
24011	1.68	2.04	1.68	1.67	1.74	2.03	2.52	3.14	1.76	1.15	1.00	0.86	1.01	1.44	1.78	2.37	3.03	3.14	2.97	2.67	2.81	2.39	2.06	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	29.55	34.49	29.87	28.04	29.99	34.46	39.09	47.52	29.60	25.21	22.96	20.42	20.36	24.26	26.58	33.62	41.57	41.46	41.40	38.41	41.89	36.19	35.47	32.51
23798	1.82	2.26	1.83	1.87	1.91	2.22	2.80	3.51	1.96	1.21	1.07	0.93	1.12	1.63	1.97	2.60	3.36	3.51	3.25	2.88	3.00	2.58	2.17	2.15
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	29.42	34.27	29.72	27.84	29.81	34.27	38.80	47.15	29.40	25.15	22.89	20.36	20.25	24.08	26.39	33.39	41.24	41.09	41.11	38.20	41.70	36.00	35.35	32.33
24028	1.68	2.04	1.68	1.67	1.74	2.03	2.52	3.14	1.76	1.15	1.00	0.86	1.01	1.44	1.78	2.37	3.03	3.14	2.97	2.67	2.81	2.39	2.06	1.96
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	28.67	33.40	28.98	27.10	29.01	33.32	37.75	45.91	28.69	24.67	22.41	19.93	19.78	23.51	25.92	32.77	40.10	39.96	40.14	37.50	41.12	35.52	34.89	31.87
23527	0.94	1.17	0.94	0.94	0.94	1.08	1.46	1.90	1.05	0.67	0.52	0.44	0.55	0.87	1.31	1.75	1.89	2.01	2.00	1.97	2.23	1.91	1.60	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	27.73	32.22	28.01	26.14	28.03	32.18	36.33	44.13	27.66	24.00	21.82	19.48	19.30	22.79	24.85	31.37	38.57	38.38	38.59	35.96	39.39	34.03	33.55	30.54
24190	0.00	-0.01	-0.03	-0.03	-0.04	-0.06	0.04	0.13	0.01	0.00	-0.07	-0.01	0.07	0.15	0.24	0.36	0.36	0.43	0.45	0.43	0.51	0.41	0.25	0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	26.10	30.51	26.50	24.79	26.34	30.51	34.65	41.38	26.19	22.88	20.60	18.38	18.02	21.28	23.89	29.84	36.65	37.03	38.16	36.15	39.60	34.17	33.48	30.32
355683	-1.63	-1.72	-1.54	-1.38	-1.73	-1.74	-1.63	-2.62	-1.46	-1.13	-1.28	-1.11	-1.22	-1.36	-0.72	-1.17	-1.56	-0.92	0.02	0.62	0.71	0.56	0.19	-0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	28.28	32.89	28.58	26.69	28.63	32.87	37.10	45.01	28.02	24.17	22.00	19.64	19.42	23.00	25.18	31.89	39.32	39.11	39.32	36.63	40.11	34.62	34.16	31.12
323833	0.55	0.65	0.55	0.52	0.55	0.63	0.81	1.00	0.38	0.17	0.11	0.15	0.19	0.37	0.57	0.87	1.11	1.16	1.17	1.10	1.22	1.01	0.86	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	28.27	32.87	28.58	26.69	28.61	32.86	37.10	44.99	28.02	24.17	21.99	19.64	19.42	23.00	25.17	31.89	39.32	39.10	39.31	36.62	40.09	34.62	34.15	31.11
323834	0.54	0.64	0.54	0.52	0.54	0.62	0.81	0.98	0.38	0.16	0.11	0.15	0.19	0.36	0.56	0.87	1.11	1.15	1.16	1.09	1.21	1.01	0.85	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	27.73	32.22	28.01	26.14	28.03	32.18	36.33	44.13	27.66	24.00	21.82	19.48	19.30	22.79	24.85	31.37	38.57	38.38	38.59	35.96	39.39	34.03	33.55	30.54
23571	0.00	-0.01	-0.03	-0.03	-0.04	-0.06	0.04	0.13	0.01	0.00	-0.07	-0.01	0.07	0.15	0.24	0.36	0.36	0.43	0.45	0.43	0.51	0.41	0.25	0.17
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



ALBANY___2 23572	27.73 0.00 0.00	32.22 -0.01 0.00	28.01 -0.03 0.00	26.14 -0.03 0.00	28.03 -0.04 0.00	32.18 -0.06 0.00	36.33 0.04 0.00	44.13 0.13 0.00	27.66 0.01 0.00	24.00 0.00 0.00	21.82 -0.07 0.00	19.48 -0.01 0.00	19.30 0.07 0.00	22.79 0.15 0.00	24.85 0.24 0.00	31.37 0.36 0.00	38.57 0.36 0.00	38.38 0.43 0.00	38.59 0.45 0.00	35.96 0.43 0.00	39.39 0.51 0.00	34.03 0.41 0.00	33.55 0.25 0.00	30.54 0.17 0.00
ALBANY___3 23573	27.73 0.00 0.00	32.22 -0.01 0.00	28.01 -0.03 0.00	26.14 -0.03 0.00	28.03 -0.04 0.00	32.18 -0.06 0.00	36.33 0.04 0.00	44.13 0.13 0.00	27.66 0.01 0.00	24.00 0.00 0.00	21.82 -0.07 0.00	19.48 -0.01 0.00	19.30 0.07 0.00	22.79 0.15 0.00	24.85 0.24 0.00	31.37 0.36 0.00	38.57 0.36 0.00	38.38 0.43 0.00	38.59 0.45 0.00	35.96 0.43 0.00	39.39 0.51 0.00	34.03 0.41 0.00	33.55 0.25 0.00	30.54 0.17 0.00
ALBANY___4 23574	27.73 0.00 0.00	32.22 -0.01 0.00	28.01 -0.03 0.00	26.14 -0.03 0.00	28.03 -0.04 0.00	32.18 -0.06 0.00	36.33 0.04 0.00	44.13 0.13 0.00	27.66 0.01 0.00	24.00 0.00 0.00	21.82 -0.07 0.00	19.48 -0.01 0.00	19.30 0.07 0.00	22.79 0.15 0.00	24.85 0.24 0.00	31.37 0.36 0.00	38.57 0.36 0.00	38.38 0.43 0.00	38.59 0.45 0.00	35.96 0.43 0.00	39.39 0.51 0.00	34.03 0.41 0.00	33.55 0.25 0.00	30.54 0.17 0.00
ALBANY___LFGE 323615	28.03 0.30 0.00	32.57 0.34 0.00	28.31 0.28 0.00	26.43 0.26 0.00	28.34 0.27 0.00	32.54 0.30 0.00	36.73 0.44 0.00	44.60 0.60 0.00	27.96 0.31 0.00	24.23 0.23 0.00	22.03 0.14 0.00	19.66 0.17 0.00	19.48 0.25 0.00	23.03 0.39 0.00	25.13 0.52 0.00	31.74 0.72 0.00	39.03 0.82 0.00	38.84 0.89 0.00	39.04 0.89 0.00	36.37 0.84 0.00	39.82 0.94 0.00	34.39 0.78 0.00	33.91 0.61 0.00	30.87 0.51 0.00
ALCOA_PA_115KV_PL-6C 55860	26.26 -1.47 0.00	30.71 -1.52 0.00	26.66 -1.37 0.00	24.95 -1.22 0.00	26.51 -1.57 0.00	30.70 -1.54 0.00	34.88 -1.41 0.00	41.65 -2.35 0.00	26.33 -1.31 0.00	22.98 -1.03 0.00	20.69 -1.20 0.00	18.46 -1.03 0.00	18.11 -1.13 0.00	21.38 -1.26 0.00	24.02 -0.59 0.00	30.04 -0.98 0.00	36.91 -1.30 0.00	37.28 -0.67 0.00	38.39 0.25 0.00	36.36 0.83 0.00	39.83 0.94 0.00	34.37 0.76 0.00	33.65 0.36 0.00	30.46 0.10 0.00
ALCOA_RYNLDS___DRP 24188	26.26 -1.47 0.00	30.71 -1.52 0.00	26.66 -1.37 0.00	24.95 -1.22 0.00	26.51 -1.57 0.00	30.70 -1.54 0.00	34.88 -1.41 0.00	41.65 -2.35 0.00	26.33 -1.31 0.00	22.98 -1.03 0.00	20.69 -1.20 0.00	18.46 -1.03 0.00	18.11 -1.13 0.00	21.38 -1.26 0.00	24.02 -0.59 0.00	30.04 -0.98 0.00	36.91 -1.30 0.00	37.28 -0.67 0.00	38.39 0.25 0.00	36.36 0.83 0.00	39.83 0.94 0.00	34.37 0.76 0.00	33.65 0.36 0.00	30.46 0.10 0.00
ALCOA___DSASP 323711	26.27 -1.46 0.00	30.71 -1.52 0.00	26.67 -1.37 0.00	24.95 -1.22 0.00	26.51 -1.56 0.00	30.70 -1.54 0.00	34.88 -1.41 0.00	41.66 -2.35 0.00	26.34 -1.31 0.00	22.98 -1.03 0.00	20.69 -1.20 0.00	18.47 -1.02 0.00	18.12 -1.12 0.00	21.38 -1.26 0.00	24.02 -0.58 0.00	30.05 -0.97 0.00	36.90 -1.31 0.00	37.28 -0.67 0.00	38.39 0.25 0.00	36.36 0.83 0.00	39.83 0.94 0.00	34.37 0.76 0.00	33.65 0.36 0.00	30.46 0.10 0.00
ALLEGHENY___COGEN 23514	28.30 0.78 0.21	30.93 1.17 2.48	28.26 0.98 0.76	26.72 0.97 0.42	28.77 0.98 0.29	32.83 1.24 0.65	36.23 1.01 1.07	44.70 0.89 0.20	28.15 0.78 0.28	24.63 0.70 0.08	22.18 0.41 0.11	19.34 0.08 0.23	18.89 -0.18 0.17	22.20 -0.21 0.23	23.97 -0.30 0.34	30.50 -0.28 0.24	38.14 0.53 0.60	36.82 0.18 1.31	37.64 -0.42 0.09	34.91 -0.53 0.08	37.97 -0.92 0.00	32.52 -0.99 0.10	32.42 -0.87 0.00	30.00 -0.36 0.00
ALTAMONT_115KV_TB 2 55880	28.15 0.42 0.00	32.71 0.47 0.00	28.43 0.40 0.00	26.54 0.37 0.00	28.47 0.40 0.00	32.68 0.44 0.00	36.85 0.56 0.00	44.76 0.75 0.00	28.06 0.41 0.00	24.31 0.30 0.00	22.14 0.25 0.00	19.73 0.24 0.00	19.51 0.28 0.00	23.04 0.40 0.00	25.13 0.52 0.00	31.72 0.70 0.00	39.03 0.82 0.00	38.82 0.87 0.00	39.04 0.89 0.00	36.37 0.84 0.00	39.83 0.94 0.00	34.41 0.80 0.00	33.96 0.67 0.00	30.94 0.57 0.00
ALTONA_WT_PWR 323606	26.04 -1.69 0.00	30.68 -1.55 0.00	26.53 -1.51 0.00	24.86 -1.31 0.00	26.40 -1.68 0.00	30.44 -1.80 0.00	34.89 -1.39 0.00	41.86 -2.15 0.00	26.32 -1.33 0.00	23.00 -1.00 0.00	20.67 -1.22 0.00	18.51 -0.98 0.00	18.16 -1.07 0.00	21.59 -1.05 0.00	24.32 -0.29 0.00	30.41 -0.61 0.00	37.12 -1.09 0.00	37.57 -0.38 0.00	38.74 0.60 0.00	36.69 1.16 0.00	40.16 1.27 0.00	34.80 1.19 0.00	33.96 0.66 0.00	30.72 0.36 0.00
AMERICAN_REF_FUEL 24010	25.59 -0.86 1.29	15.95 -0.85 15.42	22.55 -0.75 4.74	22.96 -0.59 2.63	25.52 -0.76 1.79	27.28 -0.90 4.06	27.70 -1.92 6.67	39.60 -3.19 1.22	22.48 -1.42 1.73	20.30 -1.01 0.51	17.27 -0.88 0.71	17.17 -0.83 1.40	17.17 -1.03 1.03	19.80 -1.42 1.42	20.55 -1.91 2.15	26.81 -2.74 1.47	31.54 -2.94 3.72	26.17 -3.63 8.15	33.51 -4.10 0.54	31.40 -3.64 0.49	34.46 -4.43 0.00	29.60 -3.94 0.06	29.77 -3.53 0.00	28.21 -2.16 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	26.80 0.62 1.56	14.60 1.00 18.62	23.09 0.77 5.72	23.86 0.87 3.17	26.68 0.76 2.17	28.25 0.91 4.90	28.39 0.16 8.05	42.00 -0.54 1.48	25.75 0.19 2.08	23.81 0.43 0.62	21.44 0.41 0.85	18.11 0.30 1.69	17.99 0.01 1.25	20.67 -0.25 1.72	21.42 -0.59 2.59	28.38 -0.85 1.78	33.13 -0.58 4.49	26.19 -1.92 9.84	34.43 -3.07 0.65	32.03 -2.91 0.59	35.13 -3.76 0.00	30.22 -3.32 0.08	30.38 -2.92 0.00	28.70 -1.66 0.00
ARTHUR KILL_GT_1 23520	29.37 1.64 0.00	34.01 1.78 0.00	29.65 1.62 0.00	27.59 1.42 0.00	29.69 1.62 0.00	34.02 1.78 0.00	38.27 1.98 0.00	46.61 2.60 0.00	29.35 1.71 0.00	25.58 1.58 0.00	23.47 1.58 0.00	20.85 1.36 0.00	20.59 1.36 0.00	24.25 1.62 0.00	26.22 1.61 0.00	33.04 2.02 0.00	40.63 2.42 0.00	40.58 2.63 0.00	40.79 2.65 0.00	38.01 2.48 0.00	41.68 2.79 0.00	36.04 2.43 0.00	35.49 2.20 0.00	32.22 1.85 0.00
ARTHUR_KILL_2 23512	29.29 1.56 0.00	33.93 1.70 0.00	29.58 1.54 0.00	27.52 1.35 0.00	29.62 1.54 0.00	33.93 1.69 0.00	38.16 1.87 0.00	46.49 2.48 0.00	29.28 1.63 0.00	25.52 1.51 0.00	23.42 1.53 0.00	20.81 1.32 0.00	20.54 1.31 0.00	24.19 1.55 0.00	26.16 1.55 0.00	32.96 1.94 0.00	40.52 2.31 0.00	40.47 2.52 0.00	40.67 2.53 0.00	37.91 2.38 0.00	41.56 2.67 0.00	35.94 2.33 0.00	35.41 2.11 0.00	32.13 1.76 0.00
ARTHUR_KILL_3 23513	29.15 1.42 0.00	33.73 1.49 0.00	29.35 1.32 0.00	27.32 1.15 0.00	29.40 1.32 0.00	33.69 1.45 0.00	37.88 1.59 0.00	46.14 2.13 0.00	29.06 1.42 0.00	25.42 1.41 0.00	23.32 1.43 0.00	20.73 1.24 0.00	20.48 1.25 0.00	24.10 1.46 0.00	26.07 1.46 0.00	32.81 1.79 0.00	40.36 2.15 0.00	40.26 2.31 0.00	40.46 2.32 0.00	37.67 2.14 0.00	41.30 2.41 0.00	35.70 2.08 0.00	35.23 1.94 0.00	32.02 1.66 0.00



ARTHUR_KILL_COGEN 323718	29.37 1.64 0.00	34.01 1.78 0.00	29.65 1.62 0.00	27.59 1.42 0.00	29.69 1.62 0.00	34.02 1.78 0.00	38.27 1.98 0.00	46.61 2.60 0.00	29.35 1.71 0.00	25.58 1.58 0.00	23.47 1.58 0.00	20.85 1.36 0.00	20.59 1.36 0.00	24.25 1.62 0.00	26.22 1.61 0.00	33.04 2.02 0.00	40.63 2.42 0.00	40.58 2.63 0.00	40.79 2.65 0.00	38.01 2.48 0.00	41.68 2.79 0.00	36.04 2.43 0.00	35.49 2.20 0.00	32.22 1.85 0.00
ASHOKAN____ 23654	28.60 0.87 0.00	33.20 0.97 0.00	28.85 0.82 0.00	26.94 0.78 0.00	28.92 0.84 0.00	33.25 1.01 0.00	37.55 1.27 0.00	45.68 1.67 0.00	28.56 0.92 0.00	24.60 0.60 0.00	22.30 0.41 0.00	19.87 0.38 0.00	19.67 0.44 0.00	23.24 0.60 0.00	25.37 0.76 0.00	32.25 1.23 0.00	39.97 1.77 0.00	39.87 1.92 0.00	40.08 1.94 0.00	37.28 1.75 0.00	40.76 1.88 0.00	35.12 1.51 0.00	34.57 1.28 0.00	31.43 1.07 0.00
ASTORIA_EAST_ENERGY_CC1 323581	29.03 1.30 0.01	33.61 1.39 0.01	29.26 1.23 0.00	27.26 1.09 0.00	29.29 1.21 0.00	33.57 1.33 0.00	37.79 1.50 0.00	46.02 2.02 0.00	29.04 1.39 0.00	25.36 1.36 0.00	23.29 1.41 0.00	20.75 1.26 0.00	20.50 1.27 0.00	24.09 1.45 0.00	26.07 1.46 0.00	32.75 1.74 0.00	40.25 2.04 0.00	40.17 2.22 0.00	40.37 2.23 0.00	37.60 2.07 0.00	41.23 2.34 0.00	35.68 2.07 0.00	35.17 1.88 0.00	31.95 1.59 0.00
ASTORIA_EAST_ENERGY_CC2 323582	29.05 1.33 0.01	33.63 1.41 0.01	29.28 1.25 0.00	27.27 1.10 0.00	29.30 1.23 0.00	33.58 1.34 0.00	37.81 1.52 0.00	46.04 2.03 0.00	29.05 1.40 0.00	25.37 1.37 0.00	23.29 1.41 0.00	20.75 1.26 0.00	20.51 1.27 0.00	24.09 1.46 0.00	26.07 1.46 0.00	32.75 1.74 0.00	40.25 2.04 0.00	40.17 2.22 0.00	40.37 2.23 0.00	37.60 2.07 0.00	41.23 2.34 0.00	35.68 2.07 0.00	35.19 1.90 0.00	31.96 1.60 0.00
ASTORIA_GT2_1 24094	29.06 1.33 0.00	33.64 1.41 0.00	29.27 1.24 0.00	27.27 1.10 0.00	29.29 1.22 0.00	33.58 1.34 0.00	37.80 1.51 0.00	46.04 2.03 0.00	29.05 1.41 0.00	25.37 1.37 0.00	23.30 1.41 0.00	20.75 1.26 0.00	20.51 1.27 0.00	24.10 1.46 0.00	26.08 1.47 0.00	32.76 1.75 0.00	40.27 2.06 0.00	40.19 2.24 0.00	40.38 2.24 0.00	37.62 2.09 0.00	41.23 2.34 0.00	35.69 2.08 0.00	35.19 1.89 0.00	31.96 1.60 0.00
ASTORIA_GT2_2 24095	29.06 1.33 0.00	33.64 1.41 0.00	29.27 1.24 0.00	27.27 1.10 0.00	29.29 1.22 0.00	33.58 1.34 0.00	37.80 1.51 0.00	46.04 2.03 0.00	29.05 1.41 0.00	25.37 1.37 0.00	23.30 1.41 0.00	20.75 1.26 0.00	20.51 1.27 0.00	24.10 1.46 0.00	26.08 1.47 0.00	32.76 1.75 0.00	40.27 2.06 0.00	40.19 2.24 0.00	40.38 2.24 0.00	37.62 2.09 0.00	41.23 2.34 0.00	35.69 2.08 0.00	35.19 1.89 0.00	31.96 1.60 0.00
ASTORIA_GT2_3 24096	29.06 1.33 0.00	33.64 1.41 0.00	29.27 1.24 0.00	27.27 1.10 0.00	29.29 1.22 0.00	33.58 1.34 0.00	37.80 1.51 0.00	46.04 2.03 0.00	29.05 1.41 0.00	25.37 1.37 0.00	23.30 1.41 0.00	20.75 1.26 0.00	20.51 1.27 0.00	24.10 1.46 0.00	26.08 1.47 0.00	32.76 1.75 0.00	40.27 2.06 0.00	40.19 2.24 0.00	40.38 2.24 0.00	37.62 2.09 0.00	41.23 2.34 0.00	35.69 2.08 0.00	35.19 1.89 0.00	31.96 1.60 0.00
ASTORIA_GT2_4 24097	29.06 1.33 0.00	33.64 1.41 0.00	29.27 1.24 0.00	27.27 1.10 0.00	29.29 1.22 0.00	33.58 1.34 0.00	37.80 1.51 0.00	46.04 2.03 0.00	29.05 1.41 0.00	25.37 1.37 0.00	23.30 1.41 0.00	20.75 1.26 0.00	20.51 1.27 0.00	24.10 1.46 0.00	26.08 1.47 0.00	32.76 1.75 0.00	40.27 2.06 0.00	40.19 2.24 0.00	40.38 2.24 0.00	37.62 2.09 0.00	41.23 2.34 0.00	35.69 2.08 0.00	35.19 1.89 0.00	31.96 1.60 0.00
ASTORIA_GT3_1 24098	29.06 1.33 0.00	33.64 1.41 0.00	29.27 1.24 0.00	27.27 1.10 0.00	29.29 1.22 0.00	33.58 1.34 0.00	37.80 1.51 0.00	46.04 2.03 0.00	29.05 1.41 0.00	25.37 1.37 0.00	23.30 1.41 0.00	20.75 1.26 0.00	20.51 1.27 0.00	24.10 1.46 0.00	26.08 1.47 0.00	32.76 1.75 0.00	40.27 2.06 0.00	40.19 2.24 0.00	40.38 2.24 0.00	37.62 2.09 0.00	41.23 2.34 0.00	35.69 2.08 0.00	35.19 1.89 0.00	31.96 1.60 0.00
ASTORIA_GT3_2 24099	29.06 1.33 0.00	33.64 1.41 0.00	29.27 1.24 0.00	27.27 1.10 0.00	29.29 1.22 0.00	33.58 1.34 0.00	37.80 1.51 0.00	46.04 2.03 0.00	29.05 1.41 0.00	25.37 1.37 0.00	23.30 1.41 0.00	20.75 1.26 0.00	20.51 1.27 0.00	24.10 1.46 0.00	26.08 1.47 0.00	32.76 1.75 0.00	40.27 2.06 0.00	40.19 2.24 0.00	40.38 2.24 0.00	37.62 2.09 0.00	41.23 2.34 0.00	35.69 2.08 0.00	35.19 1.89 0.00	31.96 1.60 0.00
ASTORIA_GT3_3 24100	29.06 1.33 0.00	33.64 1.41 0.00	29.27 1.24 0.00	27.27 1.10 0.00	29.29 1.22 0.00	33.58 1.34 0.00	37.80 1.51 0.00	46.04 2.03 0.00	29.05 1.41 0.00	25.37 1.37 0.00	23.30 1.41 0.00	20.75 1.26 0.00	20.51 1.27 0.00	24.10 1.46 0.00	26.08 1.47 0.00	32.76 1.75 0.00	40.27 2.06 0.00	40.19 2.24 0.00	40.38 2.24 0.00	37.62 2.09 0.00	41.23 2.34 0.00	35.69 2.08 0.00	35.19 1.89 0.00	31.96 1.60 0.00
ASTORIA_GT3_4 24101	29.06 1.33 0.00	33.64 1.41 0.00	29.27 1.24 0.00	27.27 1.10 0.00	29.29 1.22 0.00	33.58 1.34 0.00	37.80 1.51 0.00	46.04 2.03 0.00	29.05 1.41 0.00	25.37 1.37 0.00	23.30 1.41 0.00	20.75 1.26 0.00	20.51 1.27 0.00	24.10 1.46 0.00	26.08 1.47 0.00	32.76 1.75 0.00	40.27 2.06 0.00	40.19 2.24 0.00	40.38 2.24 0.00	37.62 2.09 0.00	41.23 2.34 0.00	35.69 2.08 0.00	35.19 1.89 0.00	31.96 1.60 0.00
ASTORIA_GT4_1 24102	29.06 1.33 0.00	33.64 1.41 0.00	29.27 1.24 0.00	27.27 1.10 0.00	29.29 1.22 0.00	33.58 1.34 0.00	37.80 1.51 0.00	46.04 2.03 0.00	29.05 1.41 0.00	25.37 1.37 0.00	23.30 1.41 0.00	20.75 1.26 0.00	20.51 1.27 0.00	24.10 1.46 0.00	26.08 1.47 0.00	32.76 1.75 0.00	40.27 2.06 0.00	40.19 2.24 0.00	40.38 2.24 0.00	37.62 2.09 0.00	41.23 2.34 0.00	35.69 2.08 0.00	35.19 1.89 0.00	31.96 1.60 0.00
ASTORIA_GT4_2 24103	29.06 1.33 0.00	33.64 1.41 0.00	29.27 1.24 0.00	27.27 1.10 0.00	29.29 1.22 0.00	33.58 1.34 0.00	37.80 1.51 0.00	46.04 2.03 0.00	29.05 1.41 0.00	25.37 1.37 0.00	23.30 1.41 0.00	20.75 1.26 0.00	20.51 1.27 0.00	24.10 1.46 0.00	26.08 1.47 0.00	32.76 1.75 0.00	40.27 2.06 0.00	40.19 2.24 0.00	40.38 2.24 0.00	37.62 2.09 0.00	41.23 2.34 0.00	35.69 2.08 0.00	35.19 1.89 0.00	31.96 1.60 0.00
ASTORIA_GT4_3 24104	29.06 1.33 0.00	33.64 1.41 0.00	29.27 1.24 0.00	27.27 1.10 0.00	29.29 1.22 0.00	33.58 1.34 0.00	37.80 1.51 0.00	46.04 2.03 0.00	29.05 1.41 0.00	25.37 1.37 0.00	23.30 1.41 0.00	20.75 1.26 0.00	20.51 1.27 0.00	24.10 1.46 0.00	26.08 1.47 0.00	32.76 1.75 0.00	40.27 2.06 0.00	40.19 2.24 0.00	40.38 2.24 0.00	37.62 2.09 0.00	41.23 2.34 0.00	35.69 2.08 0.00	35.19 1.89 0.00	31.96 1.60 0.00



ASTORIA_GT4_4 24105	29.06 1.33 0.00	33.64 1.41 0.00	29.27 1.24 0.00	27.27 1.10 0.00	29.29 1.22 0.00	33.58 1.34 0.00	37.80 1.51 0.00	46.04 2.03 0.00	29.05 1.41 0.00	25.37 1.37 0.00	23.30 1.41 0.00	20.75 1.26 0.00	20.51 1.27 0.00	24.10 1.46 0.00	26.08 1.47 0.00	32.76 1.75 0.00	40.27 2.06 0.00	40.19 2.24 0.00	40.38 2.24 0.00	37.62 2.09 0.00	41.23 2.34 0.00	35.69 2.08 0.00	35.19 1.89 0.00	31.96 1.60 0.00
ASTORIA_GT_1 23523	29.09 1.37 0.01	33.69 1.47 0.01	29.33 1.30 0.00	27.32 1.15 0.00	29.35 1.27 0.00	33.64 1.40 0.00	37.88 1.59 0.00	46.12 2.12 0.00	29.10 1.46 0.00	25.42 1.42 0.00	23.34 1.45 0.00	20.79 1.30 0.00	20.55 1.31 0.00	24.15 1.51 0.00	26.13 1.52 0.00	32.83 1.82 0.00	40.35 2.14 0.00	40.28 2.33 0.00	40.48 2.33 0.00	37.69 2.17 0.00	41.33 2.44 0.00	35.76 2.15 0.00	35.25 1.96 0.00	32.02 1.65 0.00
ASTORIA_GT_10 24110	29.22 1.49 0.00	33.83 1.60 0.00	29.42 1.38 0.00	27.39 1.22 0.00	29.45 1.37 0.00	33.75 1.51 0.00	37.95 1.66 0.00	46.22 2.21 0.00	29.15 1.50 0.00	25.49 1.48 0.00	23.38 1.49 0.00	20.79 1.30 0.00	20.54 1.30 0.00	24.17 1.53 0.00	26.14 1.53 0.00	32.88 1.86 0.00	40.42 2.21 0.00	40.33 2.38 0.00	40.54 2.40 0.00	37.75 2.23 0.00	41.39 2.50 0.00	35.79 2.18 0.00	35.31 2.01 0.00	32.07 1.71 0.00
ASTORIA_GT_11 24225	29.22 1.49 0.00	33.83 1.60 0.00	29.42 1.38 0.00	27.39 1.22 0.00	29.45 1.37 0.00	33.75 1.51 0.00	37.95 1.66 0.00	46.22 2.21 0.00	29.15 1.50 0.00	25.49 1.48 0.00	23.38 1.49 0.00	20.79 1.30 0.00	20.54 1.30 0.00	24.17 1.53 0.00	26.14 1.53 0.00	32.88 1.86 0.00	40.42 2.21 0.00	40.33 2.38 0.00	40.54 2.40 0.00	37.75 2.23 0.00	41.39 2.50 0.00	35.79 2.18 0.00	35.31 2.01 0.00	32.07 1.71 0.00
ASTORIA_GT_12 24226	29.22 1.49 0.00	33.83 1.60 0.00	29.42 1.38 0.00	27.39 1.22 0.00	29.45 1.37 0.00	33.75 1.51 0.00	37.95 1.66 0.00	46.22 2.21 0.00	29.15 1.50 0.00	25.49 1.48 0.00	23.38 1.49 0.00	20.79 1.30 0.00	20.54 1.30 0.00	24.17 1.53 0.00	26.14 1.53 0.00	32.88 1.86 0.00	40.42 2.21 0.00	40.33 2.38 0.00	40.54 2.40 0.00	37.75 2.23 0.00	41.39 2.50 0.00	35.79 2.18 0.00	35.31 2.01 0.00	32.07 1.71 0.00
ASTORIA_GT_13 24227	29.22 1.49 0.00	33.83 1.60 0.00	29.42 1.38 0.00	27.39 1.22 0.00	29.45 1.37 0.00	33.75 1.51 0.00	37.95 1.66 0.00	46.22 2.21 0.00	29.15 1.50 0.00	25.49 1.48 0.00	23.38 1.49 0.00	20.79 1.30 0.00	20.54 1.30 0.00	24.17 1.53 0.00	26.14 1.53 0.00	32.88 1.86 0.00	40.42 2.21 0.00	40.33 2.38 0.00	40.54 2.40 0.00	37.75 2.23 0.00	41.39 2.50 0.00	35.79 2.18 0.00	35.31 2.01 0.00	32.07 1.71 0.00
ASTORIA_GT_5 24106	29.10 1.38 0.00	33.71 1.47 0.00	29.32 1.29 0.00	27.31 1.15 0.00	29.35 1.27 0.00	33.64 1.40 0.00	37.87 1.59 0.00	46.12 2.12 0.00	29.11 1.46 0.00	25.42 1.41 0.00	23.34 1.45 0.00	20.79 1.30 0.00	20.54 1.31 0.00	24.15 1.51 0.00	26.13 1.52 0.00	32.83 1.82 0.00	40.35 2.14 0.00	40.27 2.32 0.00	40.47 2.33 0.00	37.69 2.17 0.00	41.32 2.43 0.00	35.76 2.15 0.00	35.25 1.96 0.00	32.02 1.66 0.00
ASTORIA_GT_7 24107	29.10 1.38 0.00	33.71 1.47 0.00	29.32 1.29 0.00	27.31 1.15 0.00	29.35 1.27 0.00	33.64 1.40 0.00	37.87 1.59 0.00	46.12 2.12 0.00	29.11 1.46 0.00	25.42 1.41 0.00	23.34 1.45 0.00	20.79 1.30 0.00	20.54 1.31 0.00	24.15 1.51 0.00	26.13 1.52 0.00	32.83 1.82 0.00	40.35 2.14 0.00	40.27 2.32 0.00	40.47 2.33 0.00	37.69 2.17 0.00	41.32 2.43 0.00	35.76 2.15 0.00	35.25 1.96 0.00	32.02 1.66 0.00
ASTORIA_GT_8 24108	29.10 1.38 0.00	33.71 1.47 0.00	29.32 1.29 0.00	27.31 1.15 0.00	29.35 1.27 0.00	33.64 1.40 0.00	37.87 1.59 0.00	46.12 2.12 0.00	29.11 1.46 0.00	25.42 1.41 0.00	23.34 1.45 0.00	20.79 1.30 0.00	20.54 1.31 0.00	24.15 1.51 0.00	26.13 1.52 0.00	32.83 1.82 0.00	40.35 2.14 0.00	40.27 2.32 0.00	40.47 2.33 0.00	37.69 2.17 0.00	41.32 2.43 0.00	35.76 2.15 0.00	35.25 1.96 0.00	32.02 1.66 0.00
ASTORIA___2 24149	29.05 1.33 0.01	33.63 1.41 0.01	29.28 1.25 0.00	27.27 1.10 0.00	29.30 1.23 0.00	33.58 1.34 0.00	37.81 1.52 0.00	46.04 2.03 0.00	29.05 1.40 0.00	25.37 1.37 0.00	23.29 1.41 0.00	20.75 1.26 0.00	20.51 1.27 0.00	24.10 1.47 0.00	26.08 1.47 0.00	32.76 1.74 0.00	40.27 2.06 0.00	40.19 2.24 0.00	40.39 2.25 0.00	37.62 2.09 0.00	41.24 2.35 0.00	35.69 2.08 0.00	35.19 1.90 0.00	31.96 1.60 0.00
ASTORIA___3 23516	29.22 1.49 0.00	33.83 1.60 0.00	29.42 1.39 0.00	27.39 1.22 0.00	29.45 1.37 0.00	33.75 1.51 0.00	37.95 1.66 0.00	46.22 2.21 0.00	29.15 1.50 0.00	25.49 1.48 0.00	23.38 1.49 0.00	20.79 1.30 0.00	20.54 1.30 0.00	24.17 1.53 0.00	26.14 1.53 0.00	32.87 1.86 0.00	40.42 2.21 0.00	40.33 2.38 0.00	40.54 2.40 0.00	37.76 2.23 0.00	41.39 2.51 0.00	35.79 2.18 0.00	35.30 2.01 0.00	32.07 1.71 0.00
ASTORIA___4 23517	29.22 1.49 0.00	33.83 1.60 0.00	29.42 1.38 0.00	27.39 1.22 0.00	29.45 1.37 0.00	33.75 1.51 0.00	37.95 1.66 0.00	46.22 2.21 0.00	29.15 1.50 0.00	25.49 1.48 0.00	23.38 1.49 0.00	20.79 1.30 0.00	20.54 1.30 0.00	24.17 1.53 0.00	26.14 1.53 0.00	32.88 1.86 0.00	40.42 2.21 0.00	40.33 2.38 0.00	40.54 2.40 0.00	37.75 2.23 0.00	41.39 2.50 0.00	35.79 2.18 0.00	35.31 2.01 0.00	32.07 1.71 0.00
ASTORIA___5 23518	29.22 1.49 0.00	33.83 1.60 0.00	29.42 1.39 0.00	27.39 1.22 0.00	29.45 1.37 0.00	33.75 1.51 0.00	37.95 1.66 0.00	46.22 2.21 0.00	29.15 1.50 0.00	25.49 1.48 0.00	23.38 1.49 0.00	20.79 1.30 0.00	20.54 1.30 0.00	24.17 1.53 0.00	26.14 1.53 0.00	32.87 1.86 0.00	40.42 2.21 0.00	40.33 2.38 0.00	40.54 2.40 0.00	37.76 2.23 0.00	41.39 2.51 0.00	35.79 2.18 0.00	35.30 2.01 0.00	32.07 1.71 0.00
AST_ENERGY_2_CC3 323677	29.15 1.42 0.00	33.73 1.50 0.00	29.35 1.32 0.00	27.32 1.15 0.00	29.39 1.31 0.00	33.68 1.43 0.00	37.86 1.57 0.00	46.11 2.10 0.00	29.06 1.42 0.00	25.42 1.41 0.00	23.35 1.46 0.00	20.77 1.28 0.00	20.52 1.28 0.00	24.15 1.51 0.00	26.10 1.49 0.00	32.82 1.80 0.00	40.35 2.14 0.00	40.25 2.30 0.00	40.47 2.32 0.00	37.67 2.14 0.00	41.30 2.41 0.00	35.70 2.08 0.00	35.22 1.93 0.00	32.04 1.67 0.00
AST_ENERGY_2_CC4 323678	29.15 1.42 0.00	33.73 1.50 0.00	29.35 1.32 0.00	27.32 1.15 0.00	29.39 1.31 0.00	33.68 1.43 0.00	37.86 1.57 0.00	46.11 2.10 0.00	29.06 1.42 0.00	25.42 1.41 0.00	23.35 1.46 0.00	20.77 1.28 0.00	20.52 1.28 0.00	24.15 1.51 0.00	26.10 1.49 0.00	32.82 1.80 0.00	40.35 2.14 0.00	40.25 2.30 0.00	40.47 2.32 0.00	37.67 2.14 0.00	41.30 2.41 0.00	35.70 2.08 0.00	35.22 1.93 0.00	32.04 1.67 0.00



ATHENS_STG_1 23668	28.35 0.62 0.00	32.90 0.67 0.00	28.61 0.58 0.00	26.69 0.52 0.00	28.66 0.58 0.00	32.88 0.64 0.00	37.05 0.76 0.00	45.04 1.03 0.00	28.27 0.62 0.00	24.56 0.56 0.00	22.43 0.55 0.00	19.99 0.50 0.00	19.75 0.52 0.00	23.27 0.63 0.00	25.30 0.69 0.00	31.91 0.89 0.00	39.24 1.03 0.00	39.03 1.08 0.00	39.27 1.13 0.00	36.58 1.05 0.00	40.07 1.18 0.00	34.63 1.02 0.00	34.17 0.88 0.00	31.12 0.75 0.00
ATHENS_STG_2 23670	28.35 0.62 0.00	32.90 0.67 0.00	28.61 0.58 0.00	26.69 0.52 0.00	28.66 0.58 0.00	32.88 0.64 0.00	37.05 0.76 0.00	45.04 1.03 0.00	28.27 0.62 0.00	24.56 0.56 0.00	22.43 0.55 0.00	19.99 0.50 0.00	19.75 0.52 0.00	23.27 0.63 0.00	25.30 0.69 0.00	31.91 0.89 0.00	39.24 1.03 0.00	39.03 1.08 0.00	39.27 1.13 0.00	36.58 1.05 0.00	40.07 1.18 0.00	34.63 1.02 0.00	34.17 0.88 0.00	31.12 0.75 0.00
ATHENS_STG_3 23677	28.35 0.62 0.00	32.90 0.67 0.00	28.61 0.58 0.00	26.69 0.52 0.00	28.66 0.58 0.00	32.88 0.64 0.00	37.05 0.76 0.00	45.04 1.03 0.00	28.27 0.62 0.00	24.56 0.56 0.00	22.43 0.55 0.00	19.99 0.50 0.00	19.75 0.52 0.00	23.27 0.63 0.00	25.30 0.69 0.00	31.91 0.89 0.00	39.24 1.03 0.00	39.03 1.08 0.00	39.27 1.13 0.00	36.58 1.05 0.00	40.07 1.18 0.00	34.63 1.02 0.00	34.17 0.88 0.00	31.12 0.75 0.00
AUBURN___LFGE 323710	27.98 0.25 0.00	32.58 0.34 0.00	28.25 0.21 0.00	26.37 0.20 0.00	28.28 0.21 0.00	32.64 0.40 0.00	36.69 0.40 0.00	44.28 0.27 0.00	27.90 0.25 0.00	24.20 0.19 0.00	22.02 0.13 0.00	19.61 0.12 0.00	19.26 0.02 0.00	22.68 0.05 0.00	24.63 0.02 0.00	31.06 0.05 0.00	38.42 0.21 0.00	38.01 0.06 0.00	37.95 -0.19 0.00	35.39 -0.14 0.00	38.59 -0.30 0.00	33.37 -0.26 0.00	33.05 -0.24 0.00	30.31 -0.06 0.00
BABYLON_RES_REC 323704	29.33 1.60 0.00	33.89 1.66 0.00	29.42 1.39 0.00	27.31 1.14 0.00	29.35 1.27 0.00	33.56 1.32 0.00	37.77 1.48 0.00	46.04 2.04 0.00	29.03 1.39 0.00	25.23 1.22 0.00	23.27 1.39 0.00	20.74 1.25 0.00	20.50 1.27 0.00	24.42 1.78 0.00	26.32 1.71 0.00	33.11 2.10 0.00	40.71 2.51 0.00	40.75 2.80 0.00	40.85 2.71 0.00	37.90 2.38 0.00	41.71 2.82 0.00	35.99 2.38 0.00	35.47 2.17 0.00	32.15 1.79 0.00
BABYLON__69_KV_BK2 356345	29.58 1.85 0.00	34.17 1.94 0.00	29.66 1.63 0.00	27.52 1.35 0.00	29.57 1.50 0.00	33.82 1.58 0.00	38.06 1.77 0.00	46.41 2.40 0.00	29.27 1.62 0.00	25.42 1.42 0.00	23.46 1.57 0.00	20.92 1.43 0.00	20.68 1.44 0.00	24.65 2.02 0.00	26.58 1.97 0.00	33.43 2.42 0.00	41.12 2.91 0.00	41.15 3.20 0.00	41.24 3.10 0.00	38.29 2.76 0.00	42.13 3.24 0.00	36.33 2.72 0.00	35.77 2.48 0.00	32.43 2.06 0.00
BALL_HILL_WT_PWR 323825	26.58 0.22 1.36	16.44 0.54 16.33	23.41 0.40 5.01	23.89 0.50 2.78	26.56 0.38 1.90	28.40 0.45 4.30	28.88 -0.35 7.06	41.57 -1.15 1.29	25.61 -0.21 1.83	23.55 0.09 0.54	21.23 0.09 0.75	18.06 0.05 1.48	17.93 -0.21 1.09	20.69 -0.44 1.50	21.55 -0.79 2.27	28.22 -1.23 1.56	33.21 -1.06 3.94	27.36 -1.96 8.63	34.85 -2.72 0.57	32.51 -2.50 0.52	35.68 -3.21 0.00	30.64 -2.89 0.07	30.78 -2.52 0.00	28.97 -1.40 0.00
BARON_WINDS___WT_PWR 323822	28.03 -0.23 -0.52	38.57 0.08 -6.26	30.04 0.08 -1.92	27.30 0.07 -1.07	28.88 0.08 -0.73	34.05 0.16 -1.65	38.94 -0.05 -2.71	44.33 -0.17 -0.50	28.37 0.02 -0.70	24.31 0.10 -0.21	22.13 -0.05 -0.29	19.93 -0.13 -0.57	19.31 -0.35 -0.42	22.86 -0.35 -0.58	25.02 -0.45 -0.87	30.97 -0.64 -0.60	39.16 -0.56 -1.51	40.11 -1.15 -3.31	36.49 -1.87 -0.22	33.69 -2.04 -0.20	36.39 -2.50 0.00	31.24 -2.23 0.13	31.15 -2.14 0.00	28.77 -1.59 0.00
BARRETT_IC_1 23704	29.13 1.40 0.00	33.70 1.47 0.00	29.27 1.24 0.00	27.18 1.01 0.00	29.20 1.12 0.00	33.40 1.15 0.00	37.55 1.26 0.00	45.78 1.77 0.00	28.88 1.24 0.00	25.15 1.15 0.00	23.22 1.33 0.00	20.72 1.19 -0.04	20.53 1.21 -0.09	35.12 1.65 -10.84	26.11 1.49 -0.01	32.77 1.75 0.00	42.24 2.09 -1.94	70.36 2.42 -29.99	42.08 2.32 -1.62	37.52 1.99 0.00	41.32 2.40 -0.02	35.73 2.04 -0.08	47.55 1.98 -12.27	32.03 1.61 -0.07
BARRETT_IC_10 23701	29.13 1.40 0.00	33.70 1.47 0.00	29.27 1.24 0.00	27.18 1.01 0.00	29.20 1.12 0.00	33.40 1.15 0.00	37.55 1.26 0.00	45.78 1.77 0.00	28.88 1.24 0.00	25.15 1.15 0.00	23.22 1.33 0.00	20.72 1.19 -0.04	20.53 1.21 -0.09	35.12 1.65 -10.84	26.11 1.49 -0.01	32.77 1.75 0.00	40.81 2.09 -0.50	48.16 2.42 -7.80	40.88 2.32 -0.42	37.52 1.99 0.00	41.30 2.40 0.00	35.73 2.04 -0.08	47.55 1.98 -12.27	32.03 1.61 -0.07
BARRETT_IC_11 23702	29.13 1.40 0.00	33.70 1.47 0.00	29.27 1.24 0.00	27.18 1.01 0.00	29.20 1.12 0.00	33.40 1.15 0.00	37.55 1.26 0.00	45.78 1.77 0.00	28.88 1.24 0.00	25.15 1.15 0.00	23.22 1.33 0.00	20.72 1.19 -0.04	20.53 1.21 -0.09	35.12 1.65 -10.84	26.11 1.49 -0.01	32.77 1.75 0.00	40.81 2.09 -0.50	48.16 2.42 -7.80	40.88 2.32 -0.42	37.52 1.99 0.00	41.30 2.40 0.00	35.73 2.04 -0.08	47.55 1.98 -12.27	32.03 1.61 -0.07
BARRETT_IC_12 23703	29.13 1.40 0.00	33.70 1.47 0.00	29.27 1.24 0.00	27.18 1.01 0.00	29.20 1.12 0.00	33.40 1.15 0.00	37.55 1.26 0.00	45.78 1.77 0.00	28.88 1.24 0.00	25.15 1.15 0.00	23.22 1.33 0.00	20.72 1.19 -0.04	20.53 1.21 -0.09	35.12 1.65 -10.84	26.11 1.49 -0.01	32.77 1.75 0.00	40.81 2.09 -0.50	48.16 2.42 -7.80	40.88 2.32 -0.42	37.52 1.99 0.00	41.30 2.40 0.00	35.73 2.04 -0.08	47.55 1.98 -12.27	32.03 1.61 -0.07
BARRETT_IC_2 23705	29.13 1.40 0.00	33.70 1.47 0.00	29.27 1.24 0.00	27.18 1.01 0.00	29.20 1.12 0.00	33.40 1.15 0.00	37.55 1.26 0.00	45.78 1.77 0.00	28.88 1.24 0.00	25.15 1.15 0.00	23.22 1.33 0.00	20.72 1.19 -0.04	20.53 1.21 -0.09	35.12 1.65 -10.84	26.11 1.49 -0.01	32.77 1.75 0.00	42.24 2.09 -1.94	70.36 2.42 -29.99	42.08 2.32 -1.62	37.52 1.99 0.00	41.32 2.40 -0.02	35.73 2.04 -0.08	47.55 1.98 -12.27	32.03 1.61 -0.07
BARRETT_IC_3 23706	29.13 1.40 0.00	33.70 1.47 0.00	29.27 1.24 0.00	27.18 1.01 0.00	29.20 1.12 0.00	33.40 1.15 0.00	37.55 1.26 0.00	45.78 1.77 0.00	28.88 1.24 0.00	25.15 1.15 0.00	23.22 1.33 0.00	20.72 1.19 -0.04	20.53 1.21 -0.09	35.12 1.65 -10.84	26.11 1.49 -0.01	32.77 1.75 0.00	42.24 2.09 -1.94	70.36 2.42 -29.99	42.08 2.32 -1.62	37.52 1.99 0.00	41.32 2.40 -0.02	35.73 2.04 -0.08	47.55 1.98 -12.27	32.03 1.61 -0.07
BARRETT_IC_4 23707	29.13 1.40 0.00	33.70 1.47 0.00	29.27 1.24 0.00	27.18 1.01 0.00	29.20 1.12 0.00	33.40 1.15 0.00	37.55 1.26 0.00	45.78 1.77 0.00	28.88 1.24 0.00	25.15 1.15 0.00	23.22 1.33 0.00	20.72 1.19 -0.04	20.53 1.21 -0.09	35.12 1.65 -10.84	26.11 1.49 -0.01	32.77 1.75 0.00	42.24 2.09 -1.94	70.36 2.42 -29.99	42.08 2.32 -1.62	37.52 1.99 0.00	41.32 2.40 -0.02	35.73 2.04 -0.08	47.55 1.98 -12.27	32.03 1.61 -0.07



BARRETT_IC_5 23708	29.13 1.40 0.00	33.70 1.47 0.00	29.27 1.24 0.00	27.18 1.01 0.00	29.20 1.12 0.00	33.40 1.15 0.00	37.55 1.26 0.00	45.78 1.77 0.00	28.88 1.24 0.00	25.15 1.15 0.00	23.22 1.33 0.00	20.72 1.19 -0.04	20.53 1.21 -0.09	35.12 1.65 -10.84	26.11 1.49 -0.01	32.77 1.75 0.00	42.24 2.09 -1.94	70.36 2.42 -29.99	42.08 2.32 -1.62	37.52 1.99 0.00	41.32 2.40 -0.02	35.73 2.04 -0.08	47.55 1.98 -12.27	32.03 1.61 -0.07
BARRETT_IC_6 23709	29.13 1.40 0.00	33.70 1.47 0.00	29.27 1.24 0.00	27.18 1.01 0.00	29.20 1.12 0.00	33.40 1.15 0.00	37.55 1.26 0.00	45.78 1.77 0.00	28.88 1.24 0.00	25.15 1.15 0.00	23.22 1.33 0.00	20.72 1.19 -0.04	20.53 1.21 -0.09	35.12 1.65 -10.84	26.11 1.49 -0.01	32.77 1.75 0.00	42.24 2.09 -1.94	70.36 2.42 -29.99	42.08 2.32 -1.62	37.52 1.99 0.00	41.32 2.40 -0.02	35.73 2.04 -0.08	47.55 1.98 -12.27	32.03 1.61 -0.07
BARRETT_IC_7 23710	29.13 1.40 0.00	33.70 1.47 0.00	29.26 1.23 0.00	27.18 1.01 0.00	29.19 1.12 0.00	33.40 1.16 0.00	37.54 1.25 0.00	45.77 1.77 0.00	28.88 1.23 0.00	25.15 1.15 0.00	23.22 1.33 0.00	20.72 1.19 -0.04	20.53 1.21 -0.09	35.12 1.65 -10.84	26.11 1.49 -0.01	32.77 1.76 0.00	42.24 2.09 -1.94	70.36 2.42 -29.99	42.08 2.31 -1.62	37.52 1.99 0.00	41.31 2.40 -0.02	35.74 2.05 -0.08	47.55 1.98 -12.27	32.04 1.61 -0.07
BARRETT_IC_8 23711	29.13 1.40 0.00	33.70 1.47 0.00	29.27 1.24 0.00	27.18 1.01 0.00	29.20 1.12 0.00	33.40 1.15 0.00	37.55 1.26 0.00	45.78 1.77 0.00	28.88 1.24 0.00	25.15 1.15 0.00	23.22 1.33 0.00	20.72 1.19 -0.04	20.53 1.21 -0.09	35.12 1.65 -10.84	26.11 1.49 -0.01	32.77 1.75 0.00	42.24 2.09 -1.94	70.36 2.42 -29.99	42.08 2.32 -1.62	37.52 1.99 0.00	41.32 2.40 -0.02	35.73 2.04 -0.08	47.55 1.98 -12.27	32.03 1.61 -0.07
BARRETT_IC_9 23700	29.13 1.40 0.00	33.70 1.47 0.00	29.27 1.24 0.00	27.18 1.01 0.00	29.20 1.12 0.00	33.40 1.15 0.00	37.55 1.26 0.00	45.78 1.77 0.00	28.88 1.24 0.00	25.15 1.15 0.00	23.22 1.33 0.00	20.72 1.19 -0.04	20.53 1.21 -0.09	35.12 1.65 -10.84	26.11 1.49 -0.01	32.77 1.75 0.00	40.81 2.09 -0.50	48.16 2.42 -7.80	40.88 2.32 -0.42	37.52 1.99 0.00	41.30 2.40 0.00	35.73 2.04 -0.08	47.55 1.98 -12.27	32.03 1.61 -0.07
BARRETT___1 23545	29.13 1.40 0.00	33.70 1.47 0.00	29.27 1.24 0.00	27.18 1.01 0.00	29.20 1.12 0.00	33.40 1.15 0.00	37.55 1.26 0.00	45.78 1.77 0.00	28.88 1.24 0.00	25.15 1.15 0.00	23.22 1.33 0.00	20.72 1.19 -0.04	20.53 1.21 -0.09	35.12 1.65 -10.84	26.11 1.49 -0.01	32.77 1.75 0.00	42.24 2.09 -1.94	70.36 2.42 -29.99	42.08 2.32 -1.62	37.52 1.99 0.00	41.32 2.40 -0.02	35.73 2.04 -0.08	47.55 1.98 -12.27	32.03 1.61 -0.07
BARRETT___2 23546	29.13 1.40 0.00	33.70 1.47 0.00	29.27 1.24 0.00	27.18 1.01 0.00	29.20 1.12 0.00	33.40 1.15 0.00	37.55 1.26 0.00	45.78 1.77 0.00	28.88 1.24 0.00	25.15 1.15 0.00	23.22 1.33 0.00	20.72 1.19 -0.04	20.53 1.21 -0.09	35.12 1.65 -10.84	26.11 1.49 -0.01	32.77 1.75 0.00	40.81 2.09 -0.50	48.16 2.42 -7.80	40.88 2.32 -0.42	37.52 1.99 0.00	41.30 2.40 0.00	35.73 2.04 -0.08	47.55 1.98 -12.27	32.03 1.61 -0.07
BATAVIA__115KV_TB1 55881	27.84 0.11 0.00	32.52 0.29 0.00	28.28 0.25 0.00	26.49 0.33 0.00	28.30 0.23 0.00	32.54 0.30 0.00	35.86 -0.43 0.00	42.80 -1.21 0.00	27.39 -0.26 0.00	23.97 -0.04 0.00	21.84 -0.05 0.00	19.39 -0.10 0.00	18.92 -0.31 0.00	22.05 -0.58 0.00	23.81 -0.80 0.00	29.77 -1.24 0.00	37.21 -0.99 0.00	36.39 -1.57 0.00	36.14 -2.01 0.00	33.75 -1.78 0.00	36.52 -2.37 0.00	31.36 -2.20 0.05	31.38 -1.91 0.00	29.42 -0.95 0.00
BAYONEEC___CTG1 323682	29.19 1.46 0.00	33.77 1.54 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.43 1.36 0.00	33.72 1.48 0.00	37.93 1.64 0.00	46.19 2.18 0.00	29.11 1.46 0.00	25.45 1.45 0.00	23.36 1.47 0.00	20.77 1.28 0.00	20.52 1.28 0.00	24.15 1.51 0.00	26.12 1.51 0.00	32.86 1.84 0.00	40.42 2.21 0.00	40.30 2.35 0.00	40.52 2.37 0.00	37.73 2.20 0.00	41.36 2.47 0.00	35.74 2.13 0.00	35.28 1.98 0.00	32.06 1.70 0.00
BAYONEEC___CTG10 323750	29.19 1.46 0.00	33.77 1.54 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.43 1.36 0.00	33.72 1.48 0.00	37.93 1.64 0.00	46.19 2.18 0.00	29.11 1.46 0.00	25.45 1.45 0.00	23.36 1.47 0.00	20.77 1.28 0.00	20.52 1.28 0.00	24.15 1.51 0.00	26.12 1.51 0.00	32.86 1.84 0.00	40.42 2.21 0.00	40.30 2.35 0.00	40.52 2.37 0.00	37.73 2.20 0.00	41.36 2.47 0.00	35.74 2.13 0.00	35.28 1.98 0.00	32.06 1.70 0.00
BAYONEEC___CTG2 323683	29.19 1.46 0.00	33.77 1.54 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.43 1.36 0.00	33.72 1.48 0.00	37.93 1.64 0.00	46.19 2.18 0.00	29.11 1.46 0.00	25.45 1.45 0.00	23.36 1.47 0.00	20.77 1.28 0.00	20.52 1.28 0.00	24.15 1.51 0.00	26.12 1.51 0.00	32.86 1.84 0.00	40.42 2.21 0.00	40.30 2.35 0.00	40.52 2.37 0.00	37.73 2.20 0.00	41.36 2.47 0.00	35.74 2.13 0.00	35.28 1.98 0.00	32.06 1.70 0.00
BAYONEEC___CTG3 323684	29.19 1.46 0.00	33.77 1.54 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.43 1.36 0.00	33.72 1.48 0.00	37.93 1.64 0.00	46.19 2.18 0.00	29.11 1.46 0.00	25.45 1.45 0.00	23.36 1.47 0.00	20.77 1.28 0.00	20.52 1.28 0.00	24.15 1.51 0.00	26.12 1.51 0.00	32.86 1.84 0.00	40.42 2.21 0.00	40.30 2.35 0.00	40.52 2.37 0.00	37.73 2.20 0.00	41.36 2.47 0.00	35.74 2.13 0.00	35.28 1.98 0.00	32.06 1.70 0.00
BAYONEEC___CTG4 323685	29.19 1.46 0.00	33.77 1.54 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.43 1.36 0.00	33.72 1.48 0.00	37.93 1.64 0.00	46.19 2.18 0.00	29.11 1.46 0.00	25.45 1.45 0.00	23.36 1.47 0.00	20.77 1.28 0.00	20.52 1.28 0.00	24.15 1.51 0.00	26.12 1.51 0.00	32.86 1.84 0.00	40.42 2.21 0.00	40.30 2.35 0.00	40.52 2.37 0.00	37.73 2.20 0.00	41.36 2.47 0.00	35.74 2.13 0.00	35.28 1.98 0.00	32.06 1.70 0.00
BAYONEEC___CTG5 323686	29.19 1.46 0.00	33.77 1.54 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.43 1.36 0.00	33.72 1.48 0.00	37.93 1.64 0.00	46.19 2.18 0.00	29.11 1.46 0.00	25.45 1.45 0.00	23.36 1.47 0.00	20.77 1.28 0.00	20.52 1.28 0.00	24.15 1.51 0.00	26.12 1.51 0.00	32.86 1.84 0.00	40.42 2.21 0.00	40.30 2.35 0.00	40.52 2.37 0.00	37.73 2.20 0.00	41.36 2.47 0.00	35.74 2.13 0.00	35.28 1.98 0.00	32.06 1.70 0.00
BAYONEEC___CTG6 323687	29.19 1.46 0.00	33.77 1.54 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.43 1.36 0.00	33.72 1.48 0.00	37.93 1.64 0.00	46.19 2.18 0.00	29.11 1.46 0.00	25.45 1.45 0.00	23.36 1.47 0.00	20.77 1.28 0.00	20.52 1.28 0.00	24.15 1.51 0.00	26.12 1.51 0.00	32.86 1.84 0.00	40.42 2.21 0.00	40.30 2.35 0.00	40.52 2.37 0.00	37.73 2.20 0.00	41.36 2.47 0.00	35.74 2.13 0.00	35.28 1.98 0.00	32.06 1.70 0.00



BAYONEEC___CTG7 323688	29.19 1.46 0.00	33.77 1.54 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.43 1.36 0.00	33.72 1.48 0.00	37.93 1.64 0.00	46.19 2.18 0.00	29.11 1.46 0.00	25.45 1.45 0.00	23.36 1.47 0.00	20.77 1.28 0.00	20.52 1.28 0.00	24.15 1.51 0.00	26.12 1.51 0.00	32.86 1.84 0.00	40.42 2.21 0.00	40.30 2.35 0.00	40.52 2.37 0.00	37.73 2.20 0.00	41.36 2.47 0.00	35.74 2.13 0.00	35.28 1.98 0.00	32.06 1.70 0.00
BAYONEEC___CTG8 323689	29.19 1.46 0.00	33.77 1.54 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.43 1.36 0.00	33.72 1.48 0.00	37.93 1.64 0.00	46.19 2.18 0.00	29.11 1.46 0.00	25.45 1.45 0.00	23.36 1.47 0.00	20.77 1.28 0.00	20.52 1.28 0.00	24.15 1.51 0.00	26.12 1.51 0.00	32.86 1.84 0.00	40.42 2.21 0.00	40.30 2.35 0.00	40.52 2.37 0.00	37.73 2.20 0.00	41.36 2.47 0.00	35.74 2.13 0.00	35.28 1.98 0.00	32.06 1.70 0.00
BAYONEEC___CTG9 323749	29.19 1.46 0.00	33.77 1.54 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.43 1.36 0.00	33.72 1.48 0.00	37.93 1.64 0.00	46.19 2.18 0.00	29.11 1.46 0.00	25.45 1.45 0.00	23.36 1.47 0.00	20.77 1.28 0.00	20.52 1.28 0.00	24.15 1.51 0.00	26.12 1.51 0.00	32.86 1.84 0.00	40.42 2.21 0.00	40.30 2.35 0.00	40.52 2.37 0.00	37.73 2.20 0.00	41.36 2.47 0.00	35.74 2.13 0.00	35.28 1.98 0.00	32.06 1.70 0.00
BEACON___LESR 323632	28.20 0.47 0.00	32.75 0.51 0.00	28.45 0.41 0.00	26.55 0.38 0.00	28.51 0.44 0.00	32.73 0.48 0.00	37.00 0.71 0.00	44.97 0.96 0.00	28.12 0.48 0.00	24.37 0.37 0.00	22.13 0.25 0.00	19.77 0.28 0.00	19.59 0.36 0.00	23.16 0.52 0.00	25.27 0.67 0.00	31.93 0.91 0.00	39.25 1.04 0.00	39.05 1.10 0.00	39.31 1.16 0.00	36.59 1.07 0.00	40.09 1.21 0.00	34.60 0.98 0.00	34.07 0.77 0.00	30.99 0.62 0.00
BEAVER RIVER___HYD 24048	27.90 0.17 0.00	32.61 0.37 0.00	28.41 0.38 0.00	26.57 0.40 0.00	28.45 0.37 0.00	32.80 0.55 0.00	36.96 0.66 0.00	44.50 0.50 0.00	27.81 0.17 0.00	23.96 -0.05 0.00	21.70 -0.18 0.00	19.34 -0.15 0.00	19.19 -0.04 0.00	22.70 0.06 0.00	25.01 0.40 0.00	31.50 0.49 0.00	39.05 0.84 0.00	38.74 0.79 0.00	39.30 1.16 0.00	36.72 1.19 0.00	40.30 1.41 0.00	34.71 1.10 0.00	33.69 0.40 0.00	30.16 -0.20 0.00
BEEBEE_GT_13 23619	27.41 -0.33 0.00	32.00 -0.23 0.00	27.81 -0.22 0.00	26.04 -0.13 0.00	27.84 -0.24 0.00	32.00 -0.24 0.00	35.53 -0.76 0.00	42.63 -1.38 0.00	27.09 -0.56 0.00	23.69 -0.31 0.00	21.59 -0.30 0.00	19.22 -0.27 0.00	18.83 -0.41 0.00	22.05 -0.59 0.00	23.78 -0.83 0.00	29.80 -1.22 0.00	37.04 -1.17 0.00	36.40 -1.55 0.00	36.31 -1.83 0.00	33.87 -1.66 0.00	36.77 -2.11 0.00	31.65 -1.92 0.04	31.63 -1.67 0.00	29.31 -1.06 0.00
BENSHRST_27_KV_BENSHRST_1 355998	29.50 1.76 0.00	34.15 1.92 0.00	29.71 1.67 0.00	27.65 1.48 0.00	29.74 1.67 0.00	34.08 1.84 0.00	38.33 2.04 0.00	46.71 2.70 0.00	29.45 1.80 0.00	25.72 1.72 0.00	23.61 1.72 0.00	20.99 1.50 0.00	20.73 1.49 0.00	24.40 1.76 0.00	26.39 1.78 0.00	33.23 2.21 0.00	40.87 2.66 0.00	40.80 2.85 0.00	41.01 2.86 0.00	38.20 2.67 0.00	41.86 2.97 0.00	36.19 2.58 0.00	35.66 2.36 0.00	32.38 2.01 0.00
BETHLEHEM___GRP 23843	27.73 0.00 0.00	32.22 -0.01 0.00	28.01 -0.03 0.00	26.14 -0.03 0.00	28.03 -0.04 0.00	32.18 -0.06 0.00	36.33 0.04 0.00	44.13 0.13 0.00	27.66 0.01 0.00	24.00 0.00 0.00	21.82 -0.07 0.00	19.48 -0.01 0.00	19.30 0.07 0.00	22.79 0.15 0.00	24.85 0.24 0.00	31.37 0.36 0.00	38.57 0.36 0.00	38.38 0.43 0.00	38.59 0.45 0.00	35.96 0.43 0.00	39.39 0.51 0.00	34.03 0.41 0.00	33.55 0.25 0.00	30.54 0.17 0.00
BETHLEHEM___GS1 323560	27.73 0.00 0.00	32.22 -0.01 0.00	28.01 -0.03 0.00	26.14 -0.03 0.00	28.03 -0.04 0.00	32.18 -0.06 0.00	36.33 0.04 0.00	44.13 0.13 0.00	27.66 0.01 0.00	24.00 0.00 0.00	21.82 -0.07 0.00	19.48 -0.01 0.00	19.30 0.07 0.00	22.79 0.15 0.00	24.86 0.25 0.00	31.38 0.36 0.00	38.57 0.36 0.00	38.38 0.43 0.00	38.59 0.45 0.00	35.96 0.43 0.00	39.39 0.51 0.00	34.03 0.42 0.00	33.54 0.25 0.00	30.54 0.18 0.00
BETHLEHEM___GS2 323561	27.73 0.00 0.00	32.22 -0.01 0.00	28.01 -0.03 0.00	26.14 -0.03 0.00	28.03 -0.04 0.00	32.18 -0.06 0.00	36.33 0.04 0.00	44.13 0.13 0.00	27.66 0.01 0.00	24.00 0.00 0.00	21.82 -0.07 0.00	19.48 -0.01 0.00	19.30 0.07 0.00	22.79 0.15 0.00	24.86 0.25 0.00	31.38 0.36 0.00	38.57 0.36 0.00	38.38 0.43 0.00	38.59 0.45 0.00	35.96 0.43 0.00	39.39 0.51 0.00	34.03 0.42 0.00	33.54 0.25 0.00	30.54 0.18 0.00
BETHLEHEM___GS3 323562	27.73 0.00 0.00	32.22 -0.01 0.00	28.01 -0.03 0.00	26.14 -0.03 0.00	28.03 -0.04 0.00	32.18 -0.06 0.00	36.33 0.04 0.00	44.13 0.13 0.00	27.66 0.01 0.00	24.00 0.00 0.00	21.82 -0.07 0.00	19.48 -0.01 0.00	19.30 0.07 0.00	22.79 0.15 0.00	24.86 0.25 0.00	31.38 0.36 0.00	38.57 0.36 0.00	38.38 0.43 0.00	38.59 0.45 0.00	35.96 0.43 0.00	39.39 0.51 0.00	34.03 0.42 0.00	33.54 0.25 0.00	30.54 0.18 0.00
BETHLEHEM___STEEL 23779	27.85 0.11 0.00	32.67 0.43 0.00	28.37 0.34 0.00	26.60 0.44 0.00	28.38 0.31 0.00	32.60 0.36 0.00	35.85 -0.44 0.00	42.71 -1.30 0.00	27.32 -0.33 0.00	24.01 0.00 0.00	21.88 -0.01 0.00	19.48 -0.01 0.00	18.98 -0.26 0.00	22.17 -0.46 0.00	23.78 -0.82 0.00	29.69 -1.33 0.00	37.01 -1.20 0.00	35.98 -1.97 0.00	35.55 -2.59 0.00	33.17 -2.36 0.00	35.84 -3.05 0.00	30.79 -2.75 0.07	30.92 -2.37 0.00	29.07 -1.30 0.00
BETHLHEM_115KV_TB1 79974	27.82 0.08 0.00	32.32 0.09 0.00	28.09 0.06 0.00	26.22 0.05 0.00	28.12 0.05 0.00	32.29 0.05 0.00	36.43 0.14 0.00	44.25 0.24 0.00	27.74 0.09 0.00	24.07 0.06 0.00	21.89 0.00 0.00	19.53 0.04 0.00	19.35 0.11 0.00	22.84 0.20 0.00	24.91 0.30 0.00	31.44 0.42 0.00	38.67 0.46 0.00	38.47 0.52 0.00	38.67 0.53 0.00	36.04 0.51 0.00	39.48 0.59 0.00	34.10 0.49 0.00	33.63 0.34 0.00	30.63 0.26 0.00
BETHPAGE_CC_5 323564	29.32 1.59 0.00	33.89 1.66 0.00	29.43 1.40 0.00	27.34 1.16 0.00	29.38 1.31 0.00	33.61 1.36 0.00	37.82 1.53 0.00	46.09 2.08 0.00	29.07 1.42 0.00	25.29 1.28 0.00	23.32 1.43 0.00	20.78 1.29 0.00	20.55 1.31 0.00	24.81 1.81 -0.36	26.31 1.70 0.00	33.07 2.06 0.00	40.69 2.43 -0.05	41.45 2.73 -0.78	40.82 2.63 -0.04	37.83 2.31 0.00	41.67 2.78 0.00	35.95 2.34 0.00	35.88 2.17 -0.41	32.16 1.79 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.01 0.27 0.00	32.85 0.62 0.00	28.53 0.50 0.00	26.75 0.58 0.00	28.55 0.47 0.00	32.77 0.53 0.00	36.05 -0.24 0.00	42.98 -1.04 0.00	27.49 -0.16 0.00	24.17 0.16 0.00	22.02 0.13 0.00	19.61 0.12 0.00	19.11 -0.12 0.00	22.33 -0.30 0.00	23.96 -0.65 0.00	29.91 -1.11 0.00	37.27 -0.94 0.00	36.24 -1.71 0.00	35.81 -2.33 0.00	33.41 -2.12 0.00	36.09 -2.80 0.00	31.02 -2.52 0.07	31.14 -2.15 0.00	29.24 -1.12 0.00



BINGHAMTON___COGEN 23790	28.04 0.30 0.00	32.59 0.36 0.00	28.38 0.34 0.00	26.49 0.32 0.00	28.43 0.35 0.00	32.62 0.38 0.00	36.70 0.41 0.00	44.59 0.58 0.00	28.02 0.37 0.00	24.34 0.34 0.00	22.15 0.26 0.00	19.71 0.22 0.00	19.40 0.16 0.00	22.82 0.18 0.00	24.78 0.17 0.00	31.26 0.24 0.00	38.57 0.36 0.00	38.20 0.25 0.00	38.33 0.19 0.00	35.61 0.08 0.00	38.88 -0.01 0.00	33.57 -0.04 0.00	33.30 0.01 0.00	30.42 0.06 0.00
BIXINCNT_115KV_LOAD 355685	28.42 0.69 0.00	33.42 1.19 0.00	29.03 1.00 0.00	27.22 1.06 0.00	29.13 1.06 0.00	33.34 1.09 0.00	36.62 0.33 0.00	43.85 -0.16 0.00	28.04 0.39 0.00	24.74 0.74 0.00	22.58 0.69 0.00	20.08 0.59 0.00	19.54 0.30 0.00	22.83 0.20 0.00	24.54 -0.07 0.00	30.61 -0.41 0.00	38.11 -0.10 0.00	36.85 -1.10 0.00	36.20 -1.95 0.00	33.69 -1.84 0.00	36.35 -2.54 0.00	31.22 -2.32 0.08	31.45 -1.84 0.00	29.31 -1.06 0.00
BLACK RIVER___HYD 24047	28.19 0.46 0.00	32.92 0.69 0.00	28.68 0.65 0.00	26.82 0.65 0.00	28.76 0.68 0.00	33.14 0.90 0.00	37.25 0.96 0.00	44.92 0.91 0.00	28.00 0.36 0.00	24.09 0.08 0.00	21.82 -0.07 0.00	19.44 -0.05 0.00	19.38 0.14 0.00	22.89 0.25 0.00	25.20 0.59 0.00	31.73 0.72 0.00	39.41 1.20 0.00	39.02 1.06 0.00	39.47 1.33 0.00	36.80 1.28 0.00	40.36 1.47 0.00	34.74 1.13 0.00	33.67 0.38 0.00	30.11 -0.26 0.00
BLACKRVR_115KV_TB2 79977	28.19 0.46 0.00	32.92 0.69 0.00	28.69 0.65 0.00	26.83 0.66 0.00	28.76 0.68 0.00	33.14 0.90 0.00	37.26 0.97 0.00	44.92 0.91 0.00	28.00 0.36 0.00	24.09 0.08 0.00	21.82 -0.07 0.00	19.44 -0.05 0.00	19.38 0.14 0.00	22.89 0.25 0.00	25.20 0.59 0.00	31.73 0.72 0.00	39.41 1.20 0.00	39.01 1.06 0.00	39.47 1.33 0.00	36.80 1.28 0.00	40.36 1.48 0.00	34.74 1.13 0.00	33.68 0.39 0.00	30.11 -0.26 0.00
BLISS_WT_PWR 323608	26.61 0.69 1.81	11.76 1.21 21.68	22.37 0.99 6.66	23.54 1.07 3.69	26.62 1.07 2.52	27.65 1.11 5.70	27.26 0.35 9.38	42.17 -0.12 1.72	25.64 0.42 2.43	24.04 0.75 0.72	21.63 0.74 0.99	18.13 0.60 1.96	18.10 0.31 1.45	20.84 0.20 2.00	21.53 -0.06 3.02	28.56 -0.38 2.07	32.92 -0.06 5.23	25.36 -1.13 11.46	35.33 -2.06 0.75	32.86 -1.98 0.69	36.19 -2.69 0.00	31.03 -2.50 0.08	31.30 -1.99 0.00	29.13 -1.23 0.00
BLUESTONE___WT_PWR 323821	28.86 0.76 -0.37	37.67 1.02 -4.43	30.40 1.00 -1.36	28.09 1.16 -0.75	29.94 1.35 -0.51	35.00 1.60 -1.16	40.28 2.08 -1.91	47.19 2.83 -0.35	29.95 1.80 -0.50	25.62 1.46 -0.15	23.30 1.21 -0.20	20.96 1.07 -0.40	20.57 1.04 -0.29	24.26 1.22 -0.41	26.60 1.38 -0.62	33.33 1.89 -0.42	41.83 2.55 -1.07	42.76 2.48 -2.34	40.49 2.20 -0.15	37.13 1.46 -0.14	39.76 0.87 0.00	34.64 0.98 -0.05	34.42 1.13 0.00	31.12 0.75 0.00
BLUE_CIRC_CHEM_DRP 24182	28.13 0.40 0.00	32.70 0.46 0.00	28.42 0.39 0.00	26.54 0.37 0.00	28.47 0.39 0.00	32.68 0.43 0.00	36.88 0.59 0.00	44.74 0.73 0.00	27.95 0.30 0.00	24.17 0.16 0.00	22.00 0.11 0.00	19.63 0.14 0.00	19.42 0.18 0.00	22.96 0.32 0.00	25.09 0.48 0.00	31.72 0.70 0.00	39.05 0.84 0.00	38.82 0.87 0.00	39.04 0.90 0.00	36.37 0.84 0.00	39.84 0.95 0.00	34.41 0.80 0.00	33.96 0.66 0.00	30.94 0.57 0.00
BOC_GAS_DRP 24189	28.04 0.30 0.00	32.57 0.34 0.00	28.32 0.29 0.00	26.43 0.27 0.00	28.36 0.28 0.00	32.55 0.31 0.00	36.70 0.41 0.00	44.57 0.56 0.00	27.96 0.32 0.00	24.26 0.25 0.00	22.10 0.21 0.00	19.70 0.21 0.00	19.48 0.24 0.00	22.98 0.34 0.00	25.04 0.43 0.00	31.60 0.58 0.00	38.85 0.64 0.00	38.63 0.68 0.00	38.86 0.71 0.00	36.21 0.68 0.00	39.67 0.78 0.00	34.27 0.66 0.00	33.84 0.54 0.00	30.82 0.45 0.00
BOONVILLE_115KV_TB1 79983	28.19 0.45 0.00	32.86 0.63 0.00	28.62 0.59 0.00	26.75 0.59 0.00	28.69 0.62 0.00	33.00 0.76 0.00	37.18 0.88 0.00	44.96 0.95 0.00	28.18 0.53 0.00	24.38 0.37 0.00	22.18 0.29 0.00	19.74 0.25 0.00	19.51 0.28 0.00	23.03 0.40 0.00	25.18 0.57 0.00	31.78 0.76 0.00	39.28 1.07 0.00	38.93 0.98 0.00	39.27 1.13 0.00	36.60 1.08 0.00	40.11 1.22 0.00	34.58 0.97 0.00	33.91 0.61 0.00	30.66 0.29 0.00
BORALEX_4TH_BRANCH 23824	28.67 0.94 0.00	33.40 1.17 0.00	28.98 0.94 0.00	27.11 0.94 0.00	29.02 0.94 0.00	33.32 1.08 0.00	37.75 1.46 0.00	45.91 1.90 0.00	28.69 1.05 0.00	24.67 0.67 0.00	22.41 0.53 0.00	19.93 0.44 0.00	19.78 0.55 0.00	23.51 0.87 0.00	25.91 1.31 0.00	32.77 1.75 0.00	40.10 1.89 0.00	39.96 2.01 0.00	40.14 2.00 0.00	37.50 1.97 0.00	41.11 2.23 0.00	35.52 1.91 0.00	34.89 1.60 0.00	31.87 1.50 0.00
BOWLINE___1 23526	28.90 1.17 0.00	33.45 1.21 0.00	29.13 1.09 0.00	27.11 0.94 0.00	29.20 1.12 0.00	33.45 1.21 0.00	37.62 1.33 0.00	45.82 1.81 0.00	28.81 1.16 0.00	25.14 1.13 0.00	23.02 1.13 0.00	20.47 0.98 0.00	20.23 0.99 0.00	23.79 1.16 0.00	25.78 1.18 0.00	32.50 1.49 0.00	40.00 1.79 0.00	39.89 1.93 0.00	40.09 1.95 0.00	37.31 1.78 0.00	40.89 2.00 0.00	35.33 1.72 0.00	34.87 1.58 0.00	31.70 1.34 0.00
BOWLINE___2 23595	28.90 1.17 0.00	33.45 1.21 0.00	29.13 1.10 0.00	27.11 0.94 0.00	29.20 1.12 0.00	33.45 1.21 0.00	37.62 1.34 0.00	45.82 1.81 0.00	28.81 1.16 0.00	25.14 1.13 0.00	23.02 1.13 0.00	20.47 0.98 0.00	20.23 0.99 0.00	23.79 1.16 0.00	25.78 1.18 0.00	32.50 1.49 0.00	40.00 1.79 0.00	39.89 1.93 0.00	40.09 1.95 0.00	37.31 1.78 0.00	40.89 2.00 0.00	35.33 1.72 0.00	34.87 1.58 0.00	31.70 1.34 0.00
BRADY___115KV_TB2 356060	26.61 -1.12 0.00	31.12 -1.11 0.00	27.01 -1.02 0.00	25.28 -0.89 0.00	26.88 -1.20 0.00	31.13 -1.11 0.00	35.39 -0.90 0.00	42.25 -1.76 0.00	26.59 -1.06 0.00	23.07 -0.94 0.00	20.75 -1.14 0.00	18.53 -0.96 0.00	18.19 -1.05 0.00	21.50 -1.14 0.00	24.23 -0.37 0.00	30.46 -0.55 0.00	37.49 -0.72 0.00	37.88 -0.07 0.00	38.97 0.83 0.00	36.89 1.37 0.00	40.39 1.50 0.00	34.80 1.19 0.00	34.04 0.74 0.00	30.77 0.41 0.00
BRANSCOMB___SOLAR 323811	28.98 1.25 0.00	33.73 1.50 0.00	29.28 1.25 0.00	27.39 1.22 0.00	29.34 1.27 0.00	33.71 1.47 0.00	38.11 1.82 0.00	46.29 2.28 0.00	28.88 1.23 0.00	24.80 0.79 0.00	22.55 0.66 0.00	20.06 0.57 0.00	19.91 0.68 0.00	23.66 1.02 0.00	25.96 1.35 0.00	32.84 1.82 0.00	40.48 2.27 0.00	40.30 2.35 0.00	40.42 2.28 0.00	37.61 2.09 0.00	41.14 2.25 0.00	35.51 1.90 0.00	34.94 1.64 0.00	31.90 1.53 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	29.45 1.72 0.00	34.04 1.81 0.00	29.53 1.49 0.00	27.40 1.23 0.00	29.44 1.36 0.00	33.66 1.41 0.00	37.89 1.60 0.00	46.18 2.17 0.00	29.14 1.49 0.00	25.31 1.31 0.00	23.37 1.48 0.00	20.84 1.35 0.00	20.59 1.36 0.00	24.13 1.92 0.43	26.45 1.85 0.00	33.26 2.25 0.00	40.77 2.64 0.07	39.64 2.84 1.15	40.85 2.78 0.06	38.03 2.50 0.00	41.86 2.97 0.00	36.12 2.51 0.00	35.07 2.27 0.49	32.25 1.89 0.00



BRISTLHL_115KV_TB1 79998	27.34 -0.40 0.00	31.79 -0.45 0.00	27.64 -0.39 0.00	25.82 -0.34 0.00	27.70 -0.38 0.00	31.81 -0.43 0.00	35.74 -0.55 0.00	43.30 -0.71 0.00	27.21 -0.44 0.00	23.61 -0.40 0.00	21.53 -0.35 0.00	19.16 -0.33 0.00	18.91 -0.32 0.00	22.16 -0.48 0.00	24.03 -0.58 0.00	30.29 -0.73 0.00	37.39 -0.82 0.00	37.08 -0.87 0.00	37.21 -0.93 0.00	34.64 -0.89 0.00	37.85 -1.03 0.00	32.70 -0.91 0.00	32.58 -0.72 0.00	29.74 -0.63 0.00
BROOKHAVEN___DRP 24191	29.28 1.55 0.00	33.83 1.60 0.00	29.33 1.30 0.00	27.20 1.03 0.00	29.23 1.16 0.00	33.46 1.22 0.00	37.67 1.38 0.00	45.95 1.94 0.00	28.96 1.31 0.00	25.12 1.12 0.00	23.25 1.36 0.00	20.75 1.27 0.00	20.54 1.31 0.00	24.01 1.89 0.52	26.44 1.83 0.00	33.30 2.28 0.00	40.87 2.75 0.09	39.57 2.99 1.37	40.92 2.85 0.07	38.02 2.49 0.00	41.89 3.00 0.00	36.13 2.53 0.00	34.97 2.26 0.59	32.22 1.85 0.00
BROOKLYN_NAVY_YARD 23515	29.06 1.33 0.00	33.63 1.39 0.00	29.27 1.23 0.00	27.24 1.07 0.00	29.31 1.23 0.00	33.59 1.35 0.00	37.79 1.50 0.00	46.02 2.01 0.00	29.00 1.36 0.00	25.37 1.36 0.00	23.28 1.40 0.00	20.71 1.22 0.00	20.46 1.23 0.00	24.07 1.44 0.00	26.03 1.42 0.00	32.74 1.73 0.00	40.29 2.08 0.00	40.18 2.23 0.00	40.40 2.26 0.00	37.62 2.09 0.00	41.28 2.39 0.00	35.66 2.05 0.00	35.20 1.91 0.00	32.00 1.63 0.00
BROOKLYN___ARMY_DRP 323595	29.37 1.64 0.00	33.99 1.76 0.00	29.59 1.55 0.00	27.53 1.37 0.00	29.62 1.54 0.00	33.94 1.70 0.00	38.17 1.88 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.39 0.00	24.28 1.65 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.65 2.44 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.47 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
BROOKVLE_69_KV_TB1 55790	29.36 1.62 0.00	33.96 1.72 0.00	29.50 1.47 0.00	27.43 1.26 0.00	29.49 1.41 0.00	33.76 1.52 0.00	37.98 1.69 0.00	46.28 2.27 0.00	29.17 1.52 0.00	25.41 1.41 0.00	23.39 1.51 0.00	20.84 1.34 -0.01	20.61 1.36 -0.01	25.66 1.75 -1.27	26.30 1.69 0.00	33.09 2.07 0.00	40.92 2.51 -0.20	43.75 2.76 -3.04	41.01 2.70 -0.16	37.93 2.40 0.00	41.65 2.76 0.00	35.97 2.35 -0.01	36.93 2.20 -1.44	32.20 1.84 -0.01
BROOME_2_LFGE 323671	28.54 0.30 -0.50	38.64 0.36 -6.05	30.23 0.34 -1.86	27.52 0.32 -1.03	29.13 0.35 -0.71	34.21 0.38 -1.59	39.31 0.41 -2.62	45.06 0.58 -0.48	28.69 0.37 -0.68	24.55 0.34 -0.20	22.43 0.26 -0.28	20.26 0.22 -0.55	19.80 0.16 -0.40	23.37 0.18 -0.56	25.62 0.17 -0.84	31.83 0.24 -0.58	40.02 0.36 -1.46	41.40 0.25 -3.20	38.54 0.19 -0.21	35.81 0.09 -0.19	38.89 0.00 0.00	33.57 -0.04 0.00	33.30 0.01 0.00	30.42 0.06 0.00
BROOME___LFGE 323600	28.54 0.30 -0.50	38.64 0.36 -6.05	30.23 0.34 -1.86	27.52 0.32 -1.03	29.13 0.35 -0.71	34.21 0.38 -1.59	39.31 0.41 -2.62	45.06 0.58 -0.48	28.69 0.37 -0.68	24.55 0.34 -0.20	22.43 0.26 -0.28	20.26 0.22 -0.55	19.80 0.16 -0.40	23.37 0.18 -0.56	25.62 0.17 -0.84	31.83 0.24 -0.58	40.02 0.36 -1.46	41.40 0.25 -3.20	38.54 0.19 -0.21	35.81 0.09 -0.19	38.89 0.00 0.00	33.57 -0.04 0.00	33.30 0.01 0.00	30.42 0.06 0.00
BROWNFLS_115KV_TB 3_5 80003	27.31 -0.42 0.00	31.93 -0.30 0.00	27.79 -0.25 0.00	25.99 -0.18 0.00	27.75 -0.33 0.00	32.04 -0.20 0.00	36.24 -0.05 0.00	43.50 -0.51 0.00	27.26 -0.38 0.00	23.58 -0.43 0.00	21.29 -0.59 0.00	19.00 -0.49 0.00	18.76 -0.47 0.00	22.19 -0.45 0.00	24.65 0.04 0.00	30.99 -0.03 0.00	38.29 0.08 0.00	38.26 0.31 0.00	39.03 0.89 0.00	36.67 1.15 0.00	40.22 1.33 0.00	34.64 1.03 0.00	33.72 0.43 0.00	30.32 -0.04 0.00
BROWNSV1_27_KV_LOAD 356125	29.44 1.71 0.00	34.06 1.82 0.00	29.62 1.58 0.00	27.57 1.40 0.00	29.66 1.58 0.00	33.98 1.74 0.00	38.22 1.93 0.00	46.55 2.54 0.00	29.34 1.70 0.00	25.66 1.66 0.00	23.56 1.67 0.00	20.96 1.47 0.00	20.70 1.47 0.00	24.36 1.73 0.00	26.36 1.75 0.00	33.15 2.14 0.00	40.80 2.59 0.00	40.69 2.74 0.00	40.90 2.76 0.00	38.08 2.55 0.00	41.74 2.85 0.00	36.06 2.45 0.00	35.58 2.28 0.00	32.33 1.97 0.00
BURROWS___LYONSDAL 23803	28.12 0.39 0.00	32.82 0.59 0.00	28.59 0.55 0.00	26.73 0.56 0.00	28.65 0.57 0.00	32.97 0.73 0.00	37.14 0.85 0.00	44.88 0.87 0.00	28.10 0.46 0.00	24.29 0.28 0.00	22.08 0.19 0.00	19.66 0.16 0.00	19.45 0.21 0.00	22.97 0.34 0.00	25.15 0.54 0.00	31.72 0.70 0.00	39.24 1.03 0.00	38.88 0.93 0.00	39.27 1.12 0.00	36.61 1.08 0.00	40.15 1.26 0.00	34.60 0.99 0.00	33.82 0.52 0.00	30.48 0.12 0.00
CAITHNESS_CC_1 323624	29.23 1.50 0.00	33.77 1.54 0.00	29.30 1.26 0.00	27.17 1.00 0.00	29.20 1.13 0.00	33.40 1.16 0.00	37.61 1.32 0.00	45.87 1.86 0.00	28.92 1.28 0.00	25.10 1.10 0.00	23.22 1.33 0.00	20.73 1.24 0.00	20.50 1.27 0.00	23.94 1.83 0.52	26.36 1.75 0.00	33.19 2.17 0.00	40.72 2.59 0.09	39.42 2.85 1.37	40.78 2.71 0.07	37.90 2.37 0.00	41.77 2.88 0.00	36.01 2.41 0.00	34.86 2.16 0.59	32.12 1.76 0.00
CALPINE BETH_PAGE_GT4 24209	29.32 1.60 0.00	33.90 1.66 0.00	29.43 1.40 0.00	27.33 1.16 0.00	29.38 1.31 0.00	33.61 1.37 0.00	37.82 1.53 0.00	46.09 2.08 0.00	29.07 1.43 0.00	25.29 1.29 0.00	23.32 1.43 0.00	20.78 1.29 0.00	20.55 1.31 -0.01	25.18 1.80 -0.75	26.30 1.70 0.00	33.07 2.05 0.00	40.68 2.37 -0.11	42.30 2.66 -1.70	40.79 2.56 -0.09	37.78 2.25 0.00	41.66 2.77 0.00	35.96 2.34 -0.01	36.31 2.17 -0.85	32.17 1.80 -0.01
CALPINE_BETH_PAGE_GT_4 323586	29.32 1.59 0.00	33.89 1.66 0.00	29.44 1.40 0.00	27.34 1.16 0.00	29.38 1.31 0.00	33.61 1.37 0.00	37.82 1.53 0.00	46.10 2.09 0.00	29.07 1.42 0.00	25.29 1.29 0.00	23.32 1.43 0.00	20.78 1.29 0.00	20.55 1.31 -0.01	25.18 1.79 -0.75	26.31 1.70 0.00	33.07 2.05 0.00	40.69 2.37 -0.11	42.30 2.65 -1.70	40.79 2.56 -0.09	37.78 2.25 0.00	41.67 2.78 0.00	35.95 2.33 -0.01	36.32 2.17 -0.85	32.17 1.80 -0.01
CALPINE_BP_GT1 23823	29.32 1.59 0.00	33.89 1.66 0.00	29.44 1.40 0.00	27.34 1.16 0.00	29.38 1.31 0.00	33.61 1.37 0.00	37.82 1.53 0.00	46.10 2.09 0.00	29.07 1.42 0.00	25.29 1.29 0.00	23.32 1.43 0.00	20.78 1.29 0.00	20.55 1.31 -0.01	25.18 1.79 -0.75	26.31 1.70 0.00	33.07 2.05 0.00	40.69 2.37 -0.11	42.30 2.65 -1.70	40.79 2.56 -0.09	37.78 2.25 0.00	41.67 2.78 0.00	35.95 2.33 -0.01	36.32 2.17 -0.85	32.17 1.80 -0.01
CALSPAN___DRP 24200	27.85 0.11 0.00	32.67 0.43 0.00	28.37 0.34 0.00	26.60 0.44 0.00	28.38 0.31 0.00	32.60 0.36 0.00	35.85 -0.44 0.00	42.71 -1.30 0.00	27.32 -0.33 0.00	24.01 0.00 0.00	21.88 -0.01 0.00	19.48 -0.01 0.00	18.98 -0.26 0.00	22.17 -0.46 0.00	23.78 -0.82 0.00	29.69 -1.33 0.00	37.01 -1.20 0.00	35.98 -1.97 0.00	35.55 -2.59 0.00	33.17 -2.36 0.00	35.84 -3.05 0.00	30.79 -2.75 0.07	30.92 -2.37 0.00	29.07 -1.30 0.00



CALVERTON___SOLAR 323806	29.32 1.59 0.00	33.86 1.63 0.00	29.36 1.33 0.00	27.21 1.04 0.00	29.26 1.18 0.00	33.49 1.25 0.00	37.72 1.43 0.00	46.01 2.00 0.00	28.99 1.35 0.00	25.14 1.13 0.00	23.27 1.38 0.00	20.78 1.30 0.00	20.58 1.35 0.00	24.06 1.95 0.52	26.52 1.91 0.00	33.43 2.41 0.00	41.03 2.91 0.09	39.72 3.14 1.37	41.04 2.98 0.07	38.14 2.61 0.00	42.04 3.16 0.00	36.25 2.64 0.00	35.08 2.37 0.59	32.30 1.94 0.00
CANDIGU_WT_PWR 323617	28.03 -0.23 -0.52	38.57 0.08 -6.26	30.04 0.08 -1.92	27.30 0.07 -1.07	28.88 0.08 -0.73	34.05 0.16 -1.65	38.94 -0.05 -2.71	44.33 -0.17 -0.50	28.37 0.02 -0.70	24.31 0.10 -0.21	22.13 -0.05 -0.29	19.93 -0.13 -0.57	19.31 -0.35 -0.42	22.86 -0.35 -0.58	25.02 -0.45 -0.87	30.97 -0.64 -0.60	39.16 -0.56 -1.51	40.11 -1.15 -3.31	36.49 -1.87 -0.22	33.69 -2.04 -0.20	36.39 -2.50 0.00	31.24 -2.23 0.13	31.15 -2.14 0.00	28.77 -1.59 0.00
CARR STREET_E_SYR 24060	27.54 -0.20 0.00	32.02 -0.21 0.00	27.85 -0.18 0.00	26.01 -0.16 0.00	27.90 -0.18 0.00	32.04 -0.20 0.00	36.00 -0.29 0.00	43.61 -0.40 0.00	27.42 -0.22 0.00	23.81 -0.19 0.00	21.71 -0.18 0.00	19.33 -0.16 0.00	19.05 -0.18 0.00	22.36 -0.28 0.00	24.22 -0.39 0.00	30.52 -0.49 0.00	37.70 -0.51 0.00	37.35 -0.60 0.00	37.46 -0.69 0.00	34.84 -0.69 0.00	38.05 -0.84 0.00	32.88 -0.73 0.00	32.73 -0.57 0.00	29.92 -0.45 0.00
CARTHAGE___PAPER 23857	28.17 0.44 0.00	32.91 0.68 0.00	28.68 0.64 0.00	26.82 0.65 0.00	28.73 0.65 0.00	33.12 0.88 0.00	37.30 1.00 0.00	44.94 0.93 0.00	28.04 0.39 0.00	24.08 0.08 0.00	21.80 -0.09 0.00	19.42 -0.07 0.00	19.33 0.10 0.00	22.88 0.24 0.00	25.23 0.62 0.00	31.81 0.79 0.00	39.46 1.25 0.00	39.14 1.19 0.00	39.66 1.52 0.00	37.03 1.50 0.00	40.61 1.73 0.00	34.96 1.35 0.00	33.90 0.60 0.00	30.32 -0.05 0.00
CASSADAGA_WT_PWR 323784	27.02 0.88 1.59	14.46 1.31 19.08	23.23 1.05 5.86	24.04 1.11 3.25	26.93 1.07 2.22	28.43 1.21 5.02	28.52 0.48 8.25	42.44 -0.06 1.51	26.01 0.50 2.14	24.11 0.74 0.64	21.72 0.70 0.87	18.32 0.56 1.73	18.18 0.22 1.28	20.85 -0.03 1.76	21.62 -0.33 2.66	28.70 -0.50 1.82	33.47 -0.14 4.61	26.35 -1.51 10.08	34.77 -2.70 0.66	32.35 -2.57 0.61	35.41 -3.48 0.00	30.56 -2.98 0.08	30.78 -2.52 0.00	29.08 -1.28 0.00
CE_DUNWOOD___DRP 24194	29.02 1.29 0.00	33.59 1.36 0.00	29.22 1.19 0.00	27.20 1.04 0.00	29.27 1.20 0.00	33.55 1.31 0.00	37.74 1.45 0.00	45.96 1.95 0.00	28.92 1.28 0.00	25.24 1.24 0.00	23.15 1.26 0.00	20.60 1.11 0.00	20.35 1.11 0.00	23.94 1.30 0.00	25.93 1.33 0.00	32.66 1.65 0.00	40.19 1.98 0.00	40.07 2.12 0.00	40.27 2.13 0.00	37.50 1.97 0.00	41.08 2.19 0.00	35.49 1.88 0.00	35.01 1.71 0.00	31.84 1.47 0.00
CE_MILLWOOD___DRP 24193	28.96 1.23 0.00	33.53 1.30 0.00	29.18 1.15 0.00	27.17 1.00 0.00	29.23 1.16 0.00	33.50 1.26 0.00	37.69 1.40 0.00	45.89 1.88 0.00	28.87 1.22 0.00	25.19 1.18 0.00	23.09 1.21 0.00	20.55 1.06 0.00	20.30 1.06 0.00	23.88 1.25 0.00	25.87 1.26 0.00	32.60 1.58 0.00	40.11 1.91 0.00	39.99 2.04 0.00	40.20 2.06 0.00	37.42 1.89 0.00	40.99 2.11 0.00	35.42 1.81 0.00	34.94 1.65 0.00	31.77 1.41 0.00
CE_NYC2_DRP 24202	29.24 1.51 0.00	33.84 1.61 0.00	29.43 1.40 0.00	27.40 1.23 0.00	29.46 1.39 0.00	33.77 1.53 0.00	37.97 1.68 0.00	46.25 2.24 0.00	29.17 1.52 0.00	25.49 1.49 0.00	23.39 1.50 0.00	20.80 1.31 0.00	20.55 1.32 0.00	24.18 1.54 0.00	26.15 1.55 0.00	32.89 1.88 0.00	40.46 2.25 0.00	40.36 2.41 0.00	40.56 2.41 0.00	37.78 2.26 0.00	41.42 2.53 0.00	35.81 2.20 0.00	35.33 2.03 0.00	32.10 1.73 0.00
CE_NYC_DRP 24195	29.22 1.49 0.00	33.81 1.58 0.00	29.42 1.39 0.00	27.38 1.22 0.00	29.46 1.38 0.00	33.75 1.51 0.00	37.96 1.67 0.00	46.23 2.22 0.00	29.14 1.50 0.00	25.48 1.47 0.00	23.39 1.51 0.00	20.80 1.31 0.00	20.55 1.32 0.00	24.19 1.55 0.00	26.16 1.55 0.00	32.90 1.89 0.00	40.48 2.27 0.00	40.37 2.42 0.00	40.58 2.43 0.00	37.78 2.25 0.00	41.40 2.52 0.00	35.79 2.18 0.00	35.31 2.02 0.00	32.10 1.73 0.00
CHAFFEE___LFGE 323603	26.38 0.25 1.61	13.55 0.59 19.27	22.55 0.43 5.92	23.43 0.54 3.28	26.26 0.42 2.24	27.65 0.48 5.07	27.65 -0.30 8.34	41.42 -1.06 1.53	25.35 -0.14 2.16	23.52 0.16 0.64	21.17 0.16 0.88	17.85 0.11 1.75	17.80 -0.14 1.29	20.55 -0.31 1.78	21.29 -0.64 2.68	28.06 -1.12 1.84	32.65 -0.91 4.65	26.14 -1.63 10.18	35.25 -2.22 0.67	32.92 -2.00 0.61	36.26 -2.63 0.00	31.13 -2.41 0.07	31.24 -2.05 0.00	29.30 -1.06 0.00
CHATEAUG_35_KV_LOAD 355732	25.94 -1.79 0.00	30.56 -1.68 0.00	26.42 -1.62 0.00	24.74 -1.43 0.00	26.27 -1.81 0.00	30.30 -1.95 0.00	34.75 -1.53 0.00	41.65 -2.36 0.00	26.22 -1.43 0.00	22.91 -1.10 0.00	20.57 -1.32 0.00	18.43 -1.06 0.00	18.07 -1.17 0.00	21.46 -1.18 0.00	24.18 -0.43 0.00	30.25 -0.77 0.00	36.96 -1.25 0.00	37.49 -0.46 0.00	38.68 0.54 0.00	36.65 1.12 0.00	40.11 1.22 0.00	34.70 1.09 0.00	33.89 0.59 0.00	30.62 0.25 0.00
CHATEAUG_WT_PWR 323614	25.95 -1.78 0.00	30.58 -1.65 0.00	26.43 -1.60 0.00	24.75 -1.41 0.00	26.29 -1.79 0.00	30.31 -1.93 0.00	34.75 -1.54 0.00	41.67 -2.34 0.00	26.22 -1.43 0.00	22.93 -1.07 0.00	20.60 -1.29 0.00	18.44 -1.05 0.00	18.10 -1.14 0.00	21.50 -1.14 0.00	24.22 -0.39 0.00	30.29 -0.73 0.00	36.95 -1.26 0.00	37.45 -0.50 0.00	38.62 0.48 0.00	36.57 1.04 0.00	40.03 1.14 0.00	34.66 1.05 0.00	33.84 0.55 0.00	30.60 0.23 0.00
CHAT_HIGH_FALL_HYD 323578	25.94 -1.79 0.00	30.56 -1.68 0.00	26.42 -1.62 0.00	24.74 -1.43 0.00	26.27 -1.81 0.00	30.30 -1.95 0.00	34.75 -1.53 0.00	41.65 -2.36 0.00	26.22 -1.43 0.00	22.91 -1.10 0.00	20.57 -1.32 0.00	18.43 -1.06 0.00	18.07 -1.17 0.00	21.46 -1.18 0.00	24.18 -0.43 0.00	30.25 -0.77 0.00	36.96 -1.25 0.00	37.49 -0.46 0.00	38.68 0.54 0.00	36.65 1.12 0.00	40.11 1.22 0.00	34.70 1.09 0.00	33.89 0.59 0.00	30.62 0.25 0.00
CHAUTAUQUA___LFGE 323629	26.71 0.45 1.47	15.45 0.80 17.59	23.25 0.61 5.40	23.88 0.71 2.99	26.63 0.60 2.04	28.33 0.71 4.63	28.63 -0.06 7.61	41.82 -0.80 1.39	25.70 0.02 1.97	23.69 0.27 0.59	21.34 0.26 0.81	18.08 0.18 1.59	17.98 -0.08 1.18	20.71 -0.30 1.62	21.50 -0.65 2.45	28.32 -1.02 1.68	33.20 -0.77 4.24	26.85 -1.81 9.29	34.84 -2.69 0.61	32.47 -2.50 0.56	35.64 -3.25 0.00	30.61 -2.92 0.07	30.75 -2.55 0.00	28.97 -1.39 0.00
CHERRYST_13_KV_LD 356241	29.30 1.57 0.00	33.90 1.67 0.00	29.49 1.46 0.00	27.46 1.29 0.00	29.53 1.45 0.00	33.84 1.60 0.00	38.05 1.76 0.00	46.36 2.35 0.00	29.21 1.56 0.00	25.55 1.55 0.00	23.46 1.57 0.00	20.86 1.37 0.00	20.61 1.38 0.00	24.26 1.62 0.00	26.23 1.63 0.00	32.99 1.98 0.00	40.59 2.38 0.00	40.47 2.52 0.00	40.68 2.54 0.00	37.87 2.35 0.00	41.51 2.62 0.00	35.87 2.26 0.00	35.39 2.09 0.00	32.18 1.81 0.00



CHESTROR_138KV_BK263 355645	28.81 1.07 0.00	33.36 1.13 0.00	29.05 1.01 0.00	27.05 0.88 0.00	29.10 1.03 0.00	33.36 1.12 0.00	37.53 1.24 0.00	45.69 1.68 0.00	28.70 1.06 0.00	25.01 1.01 0.00	22.89 1.00 0.00	20.36 0.87 0.00	20.11 0.88 0.00	23.67 1.04 0.00	25.66 1.06 0.00	32.38 1.37 0.00	39.88 1.67 0.00	39.75 1.80 0.00	39.95 1.80 0.00	37.18 1.65 0.00	40.71 1.83 0.00	35.19 1.58 0.00	34.73 1.44 0.00	31.59 1.22 0.00
CH_MIDHUDSON___DRP 24192	28.91 1.18 0.00	33.49 1.26 0.00	29.14 1.10 0.00	27.14 0.97 0.00	29.19 1.12 0.00	33.48 1.24 0.00	37.68 1.40 0.00	45.86 1.85 0.00	28.83 1.18 0.00	25.10 1.09 0.00	22.99 1.10 0.00	20.47 0.98 0.00	20.23 0.99 0.00	23.79 1.15 0.00	25.80 1.19 0.00	32.54 1.52 0.00	40.06 1.85 0.00	39.94 1.99 0.00	40.16 2.02 0.00	37.39 1.86 0.00	40.94 2.05 0.00	35.35 1.74 0.00	34.85 1.56 0.00	31.69 1.33 0.00
CH_MISC_IPPS 23765	29.10 1.37 0.00	33.71 1.47 0.00	29.33 1.30 0.00	27.32 1.15 0.00	29.39 1.32 0.00	33.71 1.47 0.00	37.94 1.65 0.00	46.17 2.17 0.00	29.02 1.37 0.00	25.27 1.26 0.00	23.13 1.24 0.00	20.59 1.10 0.00	20.35 1.12 0.00	23.94 1.31 0.00	25.96 1.36 0.00	32.75 1.74 0.00	40.36 2.15 0.00	40.25 2.30 0.00	40.47 2.32 0.00	37.65 2.13 0.00	41.22 2.33 0.00	35.58 1.97 0.00	35.09 1.79 0.00	31.90 1.54 0.00
CH_RES_BVR_FALLS 23983	26.82 -0.91 0.00	31.29 -0.95 0.00	27.19 -0.84 0.00	25.42 -0.75 0.00	27.14 -0.94 0.00	31.28 -0.96 0.00	35.35 -0.94 0.00	42.53 -1.48 0.00	26.80 -0.85 0.00	23.37 -0.63 0.00	21.19 -0.70 0.00	18.89 -0.60 0.00	18.59 -0.64 0.00	21.91 -0.72 0.00	24.19 -0.42 0.00	30.36 -0.65 0.00	37.31 -0.90 0.00	37.28 -0.67 0.00	37.83 -0.32 0.00	35.46 -0.07 0.00	39.00 0.11 0.00	33.75 0.14 0.00	33.13 -0.16 0.00	30.06 -0.30 0.00
CH_RES_NIAGARA 23895	26.84 -0.89 0.00	31.60 -0.64 0.00	27.38 -0.66 0.00	25.68 -0.49 0.00	27.34 -0.74 0.00	31.46 -0.78 0.00	34.50 -1.79 0.00	40.81 -3.20 0.00	26.21 -1.43 0.00	22.99 -1.01 0.00	20.97 -0.92 0.00	18.70 -0.79 0.00	18.22 -1.01 0.00	21.25 -1.39 0.00	22.74 -1.87 0.00	28.29 -2.72 0.00	35.33 -2.88 0.00	34.43 -3.52 0.00	34.03 -4.11 0.00	31.87 -3.66 0.00	34.39 -4.49 0.00	29.55 -4.00 0.06	29.71 -3.58 0.00	28.07 -2.29 0.00
CH_RES_SYRACUSE 23985	27.71 -0.03 0.00	32.23 -0.01 0.00	28.02 -0.02 0.00	26.16 -0.01 0.00	28.06 -0.02 0.00	32.26 0.02 0.00	36.27 -0.02 0.00	43.92 -0.09 0.00	27.61 -0.04 0.00	23.96 -0.04 0.00	21.85 -0.04 0.00	19.44 -0.05 0.00	19.16 -0.07 0.00	22.51 -0.12 0.00	24.41 -0.20 0.00	30.76 -0.25 0.00	38.00 -0.21 0.00	37.65 -0.30 0.00	37.73 -0.41 0.00	35.11 -0.42 0.00	38.35 -0.54 0.00	33.14 -0.47 0.00	32.95 -0.34 0.00	30.12 -0.24 0.00
CLINTON_WT_PWR 323605	25.95 -1.78 0.00	30.58 -1.65 0.00	26.43 -1.60 0.00	24.75 -1.41 0.00	26.29 -1.79 0.00	30.31 -1.93 0.00	34.75 -1.54 0.00	41.67 -2.34 0.00	26.22 -1.43 0.00	22.93 -1.07 0.00	20.60 -1.29 0.00	18.44 -1.05 0.00	18.10 -1.14 0.00	21.50 -1.14 0.00	24.22 -0.39 0.00	30.29 -0.73 0.00	36.95 -1.26 0.00	37.45 -0.50 0.00	38.62 0.48 0.00	36.57 1.04 0.00	40.03 1.14 0.00	34.66 1.05 0.00	33.84 0.55 0.00	30.60 0.23 0.00
CLINTON___LFGE 323618	26.30 -1.44 0.00	30.99 -1.24 0.00	26.78 -1.26 0.00	25.09 -1.08 0.00	26.65 -1.42 0.00	30.75 -1.49 0.00	35.24 -1.04 0.00	42.30 -1.71 0.00	26.56 -1.09 0.00	23.19 -0.81 0.00	20.81 -1.07 0.00	18.64 -0.85 0.00	18.29 -0.94 0.00	21.77 -0.87 0.00	24.53 -0.08 0.00	30.70 -0.32 0.00	37.51 -0.70 0.00	37.98 0.03 0.00	39.17 1.03 0.00	37.08 1.55 0.00	40.56 1.68 0.00	35.15 1.54 0.00	34.27 0.97 0.00	31.00 0.64 0.00
COBBLENY_34_KV_TB1 80064	27.99 0.25 0.00	32.81 0.57 0.00	28.49 0.46 0.00	26.72 0.55 0.00	28.51 0.43 0.00	32.73 0.49 0.00	36.01 -0.28 0.00	42.95 -1.06 0.00	27.49 -0.15 0.00	24.16 0.16 0.00	22.02 0.13 0.00	19.60 0.11 0.00	19.10 -0.14 0.00	22.33 -0.30 0.00	23.96 -0.65 0.00	29.90 -1.12 0.00	37.29 -0.92 0.00	36.31 -1.65 0.00	35.93 -2.21 0.00	33.53 -2.00 0.00	36.23 -2.66 0.00	31.12 -2.41 0.07	31.24 -2.05 0.00	29.30 -1.06 0.00
COFFEEN___115KV_TB3 355620	28.38 0.64 0.00	33.12 0.89 0.00	28.86 0.82 0.00	26.99 0.82 0.00	28.94 0.86 0.00	33.36 1.12 0.00	37.50 1.21 0.00	45.24 1.23 0.00	28.17 0.52 0.00	24.19 0.18 0.00	21.91 0.02 0.00	19.51 0.02 0.00	19.48 0.24 0.00	23.01 0.38 0.00	25.36 0.75 0.00	31.95 0.94 0.00	39.71 1.50 0.00	39.33 1.38 0.00	39.77 1.62 0.00	37.06 1.54 0.00	40.62 1.73 0.00	34.94 1.33 0.00	33.90 0.60 0.00	30.31 -0.06 0.00
COLDSPRG_115KV_BK1 355956	28.93 1.20 0.00	33.94 1.71 0.00	29.49 1.45 0.00	27.64 1.47 0.00	29.59 1.52 0.00	33.86 1.62 0.00	37.17 0.88 0.00	44.56 0.55 0.00	28.51 0.87 0.00	25.20 1.19 0.00	22.99 1.10 0.00	20.43 0.94 0.00	19.87 0.63 0.00	23.17 0.53 0.00	24.93 0.32 0.00	31.18 0.16 0.00	38.80 0.59 0.00	37.52 -0.43 0.00	36.93 -1.21 0.00	34.43 -1.10 0.00	37.17 -1.71 0.00	32.08 -1.44 0.08	32.26 -1.03 0.00	30.20 -0.16 0.00
COLONIE_LFGE___ 323577	28.48 0.75 0.00	33.14 0.91 0.00	28.78 0.74 0.00	26.89 0.72 0.00	28.82 0.74 0.00	33.10 0.86 0.00	37.39 1.10 0.00	45.41 1.41 0.00	28.42 0.77 0.00	24.52 0.52 0.00	22.30 0.41 0.00	19.86 0.36 0.00	19.67 0.44 0.00	23.31 0.68 0.00	25.56 0.95 0.00	32.29 1.28 0.00	39.69 1.48 0.00	39.51 1.56 0.00	39.70 1.55 0.00	36.99 1.46 0.00	40.51 1.62 0.00	35.00 1.39 0.00	34.46 1.16 0.00	31.43 1.06 0.00
COOPERNY_115KV_TB1 80082	28.55 0.82 0.00	33.10 0.86 0.00	28.81 0.78 0.00	26.85 0.68 0.00	28.87 0.79 0.00	33.10 0.86 0.00	37.25 0.96 0.00	45.30 1.29 0.00	28.46 0.81 0.00	24.78 0.78 0.00	22.65 0.77 0.00	20.16 0.66 0.00	19.90 0.66 0.00	23.41 0.78 0.00	25.40 0.79 0.00	32.03 1.02 0.00	39.45 1.24 0.00	39.26 1.31 0.00	39.47 1.33 0.00	36.74 1.21 0.00	40.22 1.34 0.00	34.76 1.15 0.00	34.35 1.05 0.00	31.27 0.90 0.00
COPENHAGEN_WT_PWR 323753	28.06 0.33 0.00	32.79 0.56 0.00	28.57 0.54 0.00	26.73 0.56 0.00	28.66 0.58 0.00	33.01 0.77 0.00	37.08 0.78 0.00	44.70 0.69 0.00	27.88 0.23 0.00	24.03 0.02 0.00	21.79 -0.10 0.00	19.41 -0.08 0.00	19.33 0.10 0.00	22.82 0.19 0.00	25.08 0.48 0.00	31.55 0.53 0.00	39.17 0.96 0.00	38.72 0.77 0.00	39.18 1.04 0.00	36.52 0.99 0.00	40.09 1.20 0.00	34.53 0.91 0.00	33.40 0.11 0.00	29.78 -0.58 0.00
CORNELL_____ 23752	28.31 0.58 0.00	32.93 0.69 0.00	28.65 0.61 0.00	26.75 0.58 0.00	28.70 0.62 0.00	33.00 0.76 0.00	37.14 0.85 0.00	45.06 1.05 0.00	28.29 0.65 0.00	24.46 0.46 0.00	22.23 0.35 0.00	19.78 0.28 0.00	19.49 0.26 0.00	22.93 0.29 0.00	24.91 0.30 0.00	31.54 0.52 0.00	39.06 0.85 0.00	38.71 0.76 0.00	38.77 0.63 0.00	35.99 0.47 0.00	39.28 0.39 0.00	34.20 0.30 -0.28	33.63 0.34 0.00	30.69 0.33 0.00



CORONA__69_KV_TB1 355595	29.34 1.61 0.00	33.93 1.70 0.00	29.48 1.44 0.00	27.39 1.22 0.00	29.43 1.35 0.00	33.69 1.45 0.00	37.89 1.60 0.00	46.17 2.16 0.00	29.11 1.47 0.00	25.36 1.35 0.00	23.38 1.49 0.00	20.85 1.33 -0.03	20.65 1.36 -0.05	30.95 1.81 -6.50	26.29 1.68 -0.01	33.05 2.03 0.00	41.85 2.47 -1.17	58.83 2.79 -18.08	41.82 2.70 -0.97	37.88 2.36 0.00	41.64 2.74 -0.01	35.98 2.33 -0.04	42.90 2.24 -7.36	32.25 1.85 -0.04
CORTLAND__115KV_TB3 80093	28.08 0.34 0.00	32.64 0.40 0.00	28.40 0.37 0.00	26.52 0.35 0.00	28.46 0.38 0.00	32.69 0.45 0.00	36.78 0.49 0.00	44.64 0.63 0.00	28.03 0.39 0.00	24.29 0.29 0.00	22.10 0.21 0.00	19.66 0.17 0.00	19.38 0.14 0.00	22.81 0.17 0.00	24.77 0.16 0.00	31.30 0.29 0.00	38.69 0.48 0.00	38.34 0.38 0.00	38.46 0.32 0.00	35.73 0.20 0.00	39.04 0.15 0.00	33.79 0.10 -0.08	33.43 0.14 0.00	30.50 0.13 0.00
COXSACKIE__GT 23611	28.90 1.17 0.00	33.62 1.39 0.00	29.19 1.16 0.00	27.30 1.13 0.00	29.25 1.17 0.00	33.66 1.42 0.00	38.05 1.76 0.00	46.29 2.28 0.00	28.80 1.16 0.00	24.61 0.61 0.00	22.22 0.33 0.00	19.84 0.35 0.00	19.66 0.43 0.00	23.35 0.71 0.00	25.71 1.10 0.00	32.79 1.77 0.00	40.73 2.53 0.00	40.60 2.65 0.00	40.76 2.62 0.00	37.84 2.31 0.00	41.32 2.43 0.00	35.57 1.96 0.00	34.99 1.69 0.00	31.83 1.47 0.00
CPV_VALLEY__CC1 323721	28.65 0.92 0.00	33.18 0.95 0.00	28.90 0.86 0.00	26.91 0.74 0.00	28.95 0.88 0.00	33.19 0.94 0.00	37.34 1.05 0.00	45.43 1.42 0.00	28.56 0.91 0.00	24.88 0.88 0.00	22.78 0.89 0.00	20.26 0.77 0.00	20.01 0.78 0.00	23.55 0.91 0.00	25.54 0.93 0.00	32.19 1.17 0.00	39.63 1.42 0.00	39.48 1.53 0.00	39.69 1.55 0.00	36.94 1.41 0.00	40.47 1.58 0.00	34.96 1.35 0.00	34.52 1.22 0.00	31.41 1.04 0.00
CPV_VALLEY__CC2 323722	28.65 0.92 0.00	33.18 0.95 0.00	28.90 0.86 0.00	26.91 0.74 0.00	28.95 0.88 0.00	33.19 0.94 0.00	37.34 1.05 0.00	45.43 1.42 0.00	28.56 0.91 0.00	24.88 0.88 0.00	22.78 0.89 0.00	20.26 0.77 0.00	20.01 0.78 0.00	23.55 0.91 0.00	25.54 0.93 0.00	32.19 1.17 0.00	39.63 1.42 0.00	39.48 1.53 0.00	39.69 1.55 0.00	36.94 1.41 0.00	40.47 1.58 0.00	34.96 1.35 0.00	34.52 1.22 0.00	31.41 1.04 0.00
CRESCENT__HYD 24018	28.48 0.75 0.00	33.14 0.91 0.00	28.78 0.74 0.00	26.89 0.72 0.00	28.82 0.74 0.00	33.10 0.86 0.00	37.39 1.10 0.00	45.41 1.41 0.00	28.42 0.77 0.00	24.52 0.52 0.00	22.30 0.41 0.00	19.86 0.36 0.00	19.67 0.44 0.00	23.31 0.68 0.00	25.56 0.95 0.00	32.29 1.28 0.00	39.69 1.48 0.00	39.51 1.56 0.00	39.70 1.55 0.00	36.99 1.46 0.00	40.51 1.62 0.00	35.00 1.39 0.00	34.46 1.16 0.00	31.43 1.06 0.00
CRICKET__VALLEY_CC1 323756	28.64 0.90 0.00	33.16 0.93 0.00	28.86 0.83 0.00	26.88 0.72 0.00	28.91 0.83 0.00	33.14 0.90 0.00	37.30 1.01 0.00	45.41 1.40 0.00	28.55 0.90 0.00	24.88 0.87 0.00	22.82 0.93 0.00	20.35 0.86 0.00	20.10 0.87 0.00	23.58 0.94 0.00	25.52 0.91 0.00	32.18 1.16 0.00	39.61 1.40 0.00	39.51 1.56 0.00	39.74 1.60 0.00	37.00 1.47 0.00	40.49 1.61 0.00	34.99 1.38 0.00	34.48 1.18 0.00	31.34 0.98 0.00
CRICKET__VALLEY_CC2 323757	28.64 0.90 0.00	33.16 0.93 0.00	28.86 0.83 0.00	26.88 0.72 0.00	28.91 0.83 0.00	33.14 0.90 0.00	37.30 1.01 0.00	45.41 1.40 0.00	28.55 0.90 0.00	24.88 0.87 0.00	22.82 0.93 0.00	20.35 0.86 0.00	20.10 0.87 0.00	23.58 0.94 0.00	25.52 0.91 0.00	32.18 1.16 0.00	39.61 1.40 0.00	39.51 1.56 0.00	39.74 1.60 0.00	37.00 1.47 0.00	40.49 1.61 0.00	34.99 1.38 0.00	34.48 1.18 0.00	31.34 0.98 0.00
CRICKET__VALLEY_CC3 323758	28.64 0.90 0.00	33.16 0.93 0.00	28.86 0.83 0.00	26.88 0.72 0.00	28.91 0.83 0.00	33.14 0.90 0.00	37.30 1.01 0.00	45.41 1.40 0.00	28.55 0.90 0.00	24.88 0.87 0.00	22.82 0.93 0.00	20.35 0.86 0.00	20.10 0.87 0.00	23.58 0.94 0.00	25.52 0.91 0.00	32.18 1.16 0.00	39.61 1.40 0.00	39.51 1.56 0.00	39.74 1.60 0.00	37.00 1.47 0.00	40.49 1.61 0.00	34.99 1.38 0.00	34.48 1.18 0.00	31.34 0.98 0.00
CRUCIBLE__METL_DRP 24180	27.71 -0.03 0.00	32.23 -0.01 0.00	28.02 -0.02 0.00	26.16 -0.01 0.00	28.06 -0.02 0.00	32.26 0.02 0.00	36.27 -0.02 0.00	43.92 -0.09 0.00	27.61 -0.04 0.00	23.96 -0.04 0.00	21.85 -0.04 0.00	19.44 -0.05 0.00	19.16 -0.07 0.00	22.51 -0.12 0.00	24.41 -0.20 0.00	30.76 -0.25 0.00	38.00 -0.21 0.00	37.65 -0.30 0.00	37.73 -0.41 0.00	35.11 -0.42 0.00	38.35 -0.54 0.00	33.14 -0.47 0.00	32.96 -0.34 0.00	30.12 -0.24 0.00
DAHOWA__HYDRO 323763	29.14 1.41 0.00	33.93 1.70 0.00	29.44 1.41 0.00	27.55 1.38 0.00	29.51 1.44 0.00	33.91 1.67 0.00	38.36 2.07 0.00	46.60 2.59 0.00	29.07 1.43 0.00	24.93 0.93 0.00	22.67 0.78 0.00	20.16 0.67 0.00	20.02 0.79 0.00	23.80 1.17 0.00	26.12 1.51 0.00	33.05 2.03 0.00	40.77 2.56 0.00	40.59 2.64 0.00	40.69 2.55 0.00	37.85 2.32 0.00	41.38 2.49 0.00	35.72 2.11 0.00	35.12 1.82 0.00	32.07 1.70 0.00
DANC__LFGE 323619	27.79 0.06 0.00	32.41 0.18 0.00	28.23 0.19 0.00	26.39 0.22 0.00	28.29 0.22 0.00	32.56 0.32 0.00	36.55 0.26 0.00	44.16 0.15 0.00	27.63 -0.02 0.00	23.88 -0.12 0.00	21.70 -0.19 0.00	19.33 -0.16 0.00	19.18 -0.05 0.00	22.59 -0.04 0.00	24.70 0.09 0.00	31.09 0.07 0.00	38.49 0.29 0.00	38.08 0.13 0.00	38.41 0.27 0.00	35.78 0.25 0.00	39.25 0.36 0.00	33.84 0.23 0.00	33.09 -0.20 0.00	29.79 -0.58 0.00
DANSKAMMER__1 23586	29.10 1.37 0.00	33.71 1.47 0.00	29.33 1.30 0.00	27.32 1.15 0.00	29.39 1.32 0.00	33.71 1.47 0.00	37.94 1.65 0.00	46.17 2.17 0.00	29.02 1.37 0.00	25.27 1.26 0.00	23.13 1.24 0.00	20.59 1.10 0.00	20.35 1.12 0.00	23.94 1.31 0.00	25.96 1.36 0.00	32.75 1.74 0.00	40.36 2.15 0.00	40.25 2.30 0.00	40.47 2.32 0.00	37.65 2.13 0.00	41.22 2.33 0.00	35.58 1.97 0.00	35.09 1.79 0.00	31.90 1.54 0.00
DANSKAMMER__2 23589	29.10 1.37 0.00	33.71 1.47 0.00	29.33 1.30 0.00	27.32 1.15 0.00	29.39 1.32 0.00	33.71 1.47 0.00	37.94 1.65 0.00	46.17 2.17 0.00	29.02 1.37 0.00	25.27 1.26 0.00	23.13 1.24 0.00	20.59 1.10 0.00	20.35 1.12 0.00	23.94 1.31 0.00	25.96 1.36 0.00	32.75 1.74 0.00	40.36 2.15 0.00	40.25 2.30 0.00	40.47 2.32 0.00	37.65 2.13 0.00	41.22 2.33 0.00	35.58 1.97 0.00	35.09 1.79 0.00	31.90 1.54 0.00
DANSKAMMER__3 23590	29.10 1.37 0.00	33.71 1.47 0.00	29.33 1.30 0.00	27.32 1.15 0.00	29.39 1.32 0.00	33.71 1.47 0.00	37.94 1.65 0.00	46.17 2.17 0.00	29.02 1.37 0.00	25.27 1.26 0.00	23.13 1.24 0.00	20.59 1.10 0.00	20.35 1.12 0.00	23.94 1.31 0.00	25.96 1.36 0.00	32.75 1.74 0.00	40.36 2.15 0.00	40.25 2.30 0.00	40.47 2.32 0.00	37.65 2.13 0.00	41.22 2.33 0.00	35.58 1.97 0.00	35.09 1.79 0.00	31.90 1.54 0.00



DANSKAMMER___4 23591	29.10 1.37 0.00	33.71 1.47 0.00	29.33 1.30 0.00	27.32 1.15 0.00	29.39 1.32 0.00	33.71 1.47 0.00	37.94 1.65 0.00	46.17 2.17 0.00	29.02 1.37 0.00	25.27 1.26 0.00	23.13 1.24 0.00	20.59 1.10 0.00	20.35 1.12 0.00	23.94 1.31 0.00	25.96 1.36 0.00	32.75 1.74 0.00	40.36 2.15 0.00	40.25 2.30 0.00	40.47 2.32 0.00	37.65 2.13 0.00	41.22 2.33 0.00	35.58 1.97 0.00	35.09 1.79 0.00	31.90 1.54 0.00
DANSKAMMER___DIESEL 23592	29.10 1.37 0.00	33.71 1.48 0.00	29.33 1.30 0.00	27.32 1.15 0.00	29.39 1.32 0.00	33.71 1.47 0.00	37.94 1.65 0.00	46.17 2.17 0.00	29.02 1.37 0.00	25.27 1.26 0.00	23.13 1.25 0.00	20.59 1.10 0.00	20.35 1.12 0.00	23.94 1.31 0.00	25.96 1.36 0.00	32.76 1.74 0.00	40.37 2.16 0.00	40.25 2.30 0.00	40.47 2.32 0.00	37.66 2.13 0.00	41.21 2.32 0.00	35.59 1.97 0.00	35.09 1.80 0.00	31.90 1.54 0.00
DARBY___SOLAR 323810	28.99 1.26 0.00	33.75 1.52 0.00	29.30 1.26 0.00	27.41 1.24 0.00	29.37 1.29 0.00	33.74 1.50 0.00	38.14 1.85 0.00	46.33 2.32 0.00	28.90 1.25 0.00	24.81 0.81 0.00	22.56 0.67 0.00	20.06 0.57 0.00	19.92 0.68 0.00	23.68 1.04 0.00	25.97 1.36 0.00	32.86 1.84 0.00	40.51 2.30 0.00	40.33 2.39 0.00	40.45 2.30 0.00	37.63 2.11 0.00	41.15 2.26 0.00	35.53 1.92 0.00	34.95 1.66 0.00	31.91 1.54 0.00
DASHVILLE___HYD 23610	28.64 0.91 0.00	33.18 0.95 0.00	28.87 0.84 0.00	26.90 0.73 0.00	28.93 0.86 0.00	33.18 0.94 0.00	37.34 1.05 0.00	45.44 1.43 0.00	28.60 0.95 0.00	24.91 0.90 0.00	22.80 0.92 0.00	20.29 0.80 0.00	20.04 0.81 0.00	23.55 0.91 0.00	25.50 0.89 0.00	32.18 1.16 0.00	39.62 1.41 0.00	39.48 1.53 0.00	39.72 1.58 0.00	36.98 1.45 0.00	40.51 1.62 0.00	34.98 1.37 0.00	34.52 1.23 0.00	31.39 1.03 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	29.20 1.47 0.00	33.72 1.48 0.00	29.14 1.10 0.00	26.98 0.81 0.00	29.04 0.96 0.00	33.31 1.07 0.00	37.53 1.24 0.00	45.87 1.86 0.00	28.95 1.30 0.00	25.07 1.07 0.00	23.31 1.42 0.00	20.92 1.43 0.00	20.80 1.57 0.00	24.38 2.26 0.52	26.87 2.27 0.00	33.91 2.89 0.00	41.57 3.45 0.09	40.13 3.54 1.36	41.31 3.24 0.07	38.40 2.87 0.00	42.36 3.47 0.00	36.56 2.95 0.00	35.42 2.71 0.59	32.53 2.17 0.00
DELAWARE___LFGE 323621	28.51 0.78 0.00	33.12 0.89 0.00	28.83 0.80 0.00	26.91 0.74 0.00	28.91 0.83 0.00	33.19 0.95 0.00	37.36 1.07 0.00	45.37 1.37 0.00	28.52 0.87 0.00	24.79 0.78 0.00	22.61 0.72 0.00	20.12 0.63 0.00	19.85 0.62 0.00	23.35 0.71 0.00	25.36 0.75 0.00	31.97 0.96 0.00	39.42 1.21 0.00	39.14 1.19 0.00	39.34 1.20 0.00	36.58 1.05 0.00	40.00 1.11 0.00	34.57 0.95 -0.01	34.19 0.89 0.00	31.14 0.78 0.00
DERFIELD_115KV_TB7 355931	27.73 0.00 0.00	32.23 0.00 0.00	28.03 0.00 0.00	26.17 0.00 0.00	28.08 0.00 0.00	32.24 0.00 0.00	36.32 0.03 0.00	44.04 0.03 0.00	27.65 0.00 0.00	24.01 0.00 0.00	21.88 0.00 0.00	19.49 0.00 0.00	19.23 0.00 0.00	22.65 0.01 0.00	24.66 0.05 0.00	31.09 0.07 0.00	38.29 0.08 0.00	38.05 0.10 0.00	38.26 0.12 0.00	35.65 0.12 0.00	39.04 0.16 0.00	33.75 0.13 0.00	33.39 0.10 0.00	30.42 0.05 0.00
DOGLEVILLE___HYD 23807	27.61 -0.12 0.00	32.06 -0.17 0.00	27.88 -0.15 0.00	26.06 -0.11 0.00	28.01 -0.07 0.00	32.18 -0.06 0.00	36.51 0.22 0.00	44.47 0.46 0.00	27.47 -0.17 0.00	23.53 -0.48 0.00	21.41 -0.48 0.00	19.10 -0.39 0.00	18.98 -0.25 0.00	22.69 0.06 0.00	24.82 0.22 0.00	31.66 0.65 0.00	39.05 0.84 0.00	38.93 0.97 0.00	39.12 0.98 0.00	36.35 0.83 0.00	39.81 0.93 0.00	34.33 0.71 0.00	33.81 0.52 0.00	30.68 0.32 0.00
DUNKIRK___115KV_TB_200 55889	28.12 0.39 0.00	32.94 0.71 0.00	28.60 0.57 0.00	26.83 0.66 0.00	28.62 0.54 0.00	32.89 0.65 0.00	36.17 -0.12 0.00	43.11 -0.90 0.00	27.59 -0.05 0.00	24.22 0.22 0.00	22.07 0.18 0.00	19.64 0.15 0.00	19.12 -0.12 0.00	22.29 -0.34 0.00	23.90 -0.71 0.00	29.93 -1.09 0.00	37.33 -0.88 0.00	36.10 -1.85 0.00	35.47 -2.68 0.00	33.05 -2.48 0.00	35.65 -3.24 0.00	30.64 -2.90 0.07	30.77 -2.52 0.00	28.98 -1.38 0.00
DUNKIRK___1 23563	28.12 0.39 0.00	32.94 0.71 0.00	28.60 0.57 0.00	26.83 0.66 0.00	28.62 0.54 0.00	32.89 0.65 0.00	36.17 -0.12 0.00	43.11 -0.90 0.00	27.59 -0.05 0.00	24.22 0.22 0.00	22.07 0.18 0.00	19.64 0.15 0.00	19.12 -0.12 0.00	22.29 -0.34 0.00	23.90 -0.71 0.00	29.93 -1.09 0.00	37.33 -0.88 0.00	36.10 -1.85 0.00	35.47 -2.68 0.00	33.05 -2.48 0.00	35.65 -3.24 0.00	30.64 -2.90 0.07	30.77 -2.52 0.00	28.98 -1.38 0.00
DUNKIRK___2 23564	28.12 0.39 0.00	32.94 0.71 0.00	28.60 0.57 0.00	26.83 0.66 0.00	28.62 0.54 0.00	32.89 0.65 0.00	36.17 -0.12 0.00	43.11 -0.90 0.00	27.59 -0.05 0.00	24.22 0.22 0.00	22.07 0.18 0.00	19.64 0.15 0.00	19.12 -0.12 0.00	22.29 -0.34 0.00	23.90 -0.71 0.00	29.93 -1.09 0.00	37.33 -0.88 0.00	36.10 -1.85 0.00	35.47 -2.68 0.00	33.05 -2.48 0.00	35.65 -3.24 0.00	30.64 -2.90 0.07	30.77 -2.52 0.00	28.98 -1.38 0.00
DUNKIRK___3 23565	28.03 0.29 0.00	32.85 0.62 0.00	28.53 0.50 0.00	26.75 0.58 0.00	28.55 0.48 0.00	32.80 0.55 0.00	36.06 -0.23 0.00	42.99 -1.02 0.00	27.51 -0.13 0.00	24.17 0.16 0.00	22.02 0.14 0.00	19.60 0.10 0.00	19.08 -0.15 0.00	22.26 -0.38 0.00	23.88 -0.73 0.00	29.87 -1.15 0.00	37.25 -0.96 0.00	36.07 -1.88 0.00	35.50 -2.64 0.00	33.09 -2.44 0.00	35.71 -3.18 0.00	30.69 -2.84 0.07	30.83 -2.46 0.00	29.01 -1.36 0.00
DUNKIRK___4 23566	28.03 0.29 0.00	32.85 0.62 0.00	28.53 0.50 0.00	26.75 0.58 0.00	28.55 0.48 0.00	32.80 0.55 0.00	36.06 -0.23 0.00	42.99 -1.02 0.00	27.51 -0.13 0.00	24.17 0.16 0.00	22.02 0.14 0.00	19.60 0.10 0.00	19.08 -0.15 0.00	22.26 -0.38 0.00	23.88 -0.73 0.00	29.87 -1.15 0.00	37.25 -0.96 0.00	36.07 -1.88 0.00	35.50 -2.64 0.00	33.09 -2.44 0.00	35.71 -3.18 0.00	30.69 -2.84 0.07	30.83 -2.46 0.00	29.01 -1.36 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.09 1.36 0.00	33.67 1.44 0.00	29.30 1.27 0.00	27.27 1.10 0.00	29.34 1.26 0.00	33.62 1.37 0.00	37.82 1.53 0.00	46.06 2.05 0.00	28.99 1.35 0.00	25.32 1.31 0.00	23.24 1.35 0.00	20.69 1.20 0.00	20.43 1.19 0.00	24.04 1.41 0.00	26.03 1.42 0.00	32.77 1.75 0.00	40.31 2.10 0.00	40.19 2.24 0.00	40.40 2.26 0.00	37.62 2.09 0.00	41.19 2.30 0.00	35.58 1.97 0.00	35.09 1.80 0.00	31.91 1.55 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.95 1.22 0.00	33.52 1.29 0.00	29.18 1.14 0.00	27.17 1.00 0.00	29.23 1.16 0.00	33.52 1.28 0.00	37.72 1.43 0.00	45.92 1.91 0.00	28.86 1.21 0.00	25.14 1.13 0.00	23.00 1.12 0.00	20.47 0.98 0.00	20.22 0.99 0.00	23.79 1.16 0.00	25.79 1.18 0.00	32.54 1.53 0.00	40.10 1.89 0.00	39.99 2.04 0.00	40.20 2.05 0.00	37.40 1.87 0.00	40.96 2.07 0.00	35.38 1.77 0.00	34.91 1.61 0.00	31.73 1.37 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	29.20 1.47 0.00	33.82 1.59 0.00	29.38 1.35 0.00	27.36 1.20 0.00	29.41 1.33 0.00	33.71 1.47 0.00	37.94 1.64 0.00	46.21 2.20 0.00	29.14 1.49 0.00	25.43 1.43 0.00	23.32 1.43 0.00	20.73 1.24 0.00	20.47 1.24 0.00	24.08 1.44 0.00	26.07 1.46 0.00	32.81 1.79 0.00	40.38 2.17 0.00	40.30 2.34 0.00	40.48 2.34 0.00	37.72 2.19 0.00	41.39 2.50 0.00	35.82 2.21 0.00	35.31 2.01 0.00	32.07 1.70 0.00
E179THST_13_KV_LOAD 356214	29.31 1.58 0.00	33.95 1.71 0.00	29.49 1.45 0.00	27.46 1.29 0.00	29.51 1.44 0.00	33.83 1.58 0.00	38.07 1.78 0.00	46.37 2.36 0.00	29.24 1.60 0.00	25.53 1.53 0.00	23.40 1.52 0.00	20.81 1.32 0.00	20.57 1.33 0.00	24.18 1.55 0.00	26.18 1.57 0.00	32.95 1.94 0.00	40.55 2.34 0.00	40.47 2.52 0.00	40.66 2.52 0.00	37.88 2.35 0.00	41.55 2.67 0.00	35.97 2.36 0.00	35.44 2.15 0.00	32.19 1.82 0.00
EAST HAMPTON___GT 23717	28.78 1.05 0.00	33.23 1.00 0.00	28.60 0.57 0.00	26.43 0.26 0.00	28.48 0.40 0.00	32.77 0.53 0.00	36.94 0.65 0.00	45.26 1.25 0.00	28.63 0.98 0.00	24.76 0.75 0.00	23.17 1.29 0.00	20.91 1.42 0.00	20.93 1.69 0.00	24.56 2.45 0.52	27.11 2.50 0.00	34.24 3.23 0.00	41.90 3.77 0.09	40.18 3.60 1.36	41.27 3.20 0.07	38.39 2.86 0.00	42.45 3.57 0.00	36.69 3.08 0.00	35.61 2.90 0.59	32.61 2.25 0.00
EAST RIVER___6 23660	29.34 1.60 0.00	33.90 1.67 0.00	29.50 1.47 0.00	27.47 1.30 0.00	29.54 1.46 0.00	33.86 1.61 0.00	38.06 1.77 0.00	46.37 2.36 0.00	29.23 1.58 0.00	25.58 1.57 0.00	23.48 1.59 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.65 0.00	26.27 1.66 0.00	33.02 2.00 0.00	40.63 2.42 0.00	40.51 2.56 0.00	40.72 2.58 0.00	37.90 2.37 0.00	41.55 2.66 0.00	35.90 2.29 0.00	35.41 2.12 0.00	32.20 1.84 0.00
EAST RIVER___7 23524	29.34 1.60 0.00	33.90 1.67 0.00	29.50 1.47 0.00	27.47 1.30 0.00	29.54 1.46 0.00	33.86 1.61 0.00	38.06 1.77 0.00	46.37 2.36 0.00	29.23 1.58 0.00	25.58 1.57 0.00	23.48 1.59 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.65 0.00	26.27 1.66 0.00	33.02 2.00 0.00	40.63 2.42 0.00	40.51 2.56 0.00	40.72 2.58 0.00	37.90 2.37 0.00	41.55 2.66 0.00	35.90 2.29 0.00	35.41 2.12 0.00	32.20 1.84 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.02 1.29 0.00	33.59 1.36 0.00	29.22 1.19 0.00	27.20 1.04 0.00	29.27 1.20 0.00	33.55 1.31 0.00	37.74 1.45 0.00	45.96 1.95 0.00	28.92 1.28 0.00	25.24 1.24 0.00	23.15 1.26 0.00	20.60 1.11 0.00	20.35 1.11 0.00	23.94 1.30 0.00	25.93 1.33 0.00	32.66 1.65 0.00	40.19 1.98 0.00	40.07 2.12 0.00	40.27 2.13 0.00	37.50 1.97 0.00	41.08 2.19 0.00	35.49 1.88 0.00	35.01 1.71 0.00	31.84 1.47 0.00
EAST_HAMPTON___DIESEL 23722	28.69 0.96 0.00	33.13 0.90 0.00	28.51 0.47 0.00	26.33 0.16 0.00	28.39 0.31 0.00	32.67 0.43 0.00	36.83 0.54 0.00	45.13 1.12 0.00	28.56 0.91 0.00	24.69 0.69 0.00	23.14 1.25 0.00	20.89 1.40 0.00	20.92 1.69 0.00	24.56 2.45 0.52	27.12 2.51 0.00	34.25 3.23 0.00	41.89 3.77 0.09	40.15 3.56 1.36	41.22 3.15 0.07	38.35 2.82 0.00	42.42 3.53 0.00	36.67 3.06 0.00	35.59 2.88 0.59	32.59 2.23 0.00
EAST_POINT___SOLAR 323840	29.56 1.83 0.00	34.40 2.17 0.00	29.96 1.92 0.00	27.96 1.79 0.00	30.01 1.93 0.00	34.56 2.31 0.00	38.86 2.57 0.00	46.85 2.84 0.00	28.56 0.91 0.00	24.33 0.32 0.00	22.29 0.40 0.00	20.06 0.57 0.00	19.99 0.75 0.00	23.69 1.05 0.00	25.94 1.34 0.00	33.07 2.05 0.00	41.18 2.98 0.00	41.00 3.05 0.00	41.17 3.03 0.00	38.23 2.70 0.00	41.75 2.86 0.00	35.97 2.36 0.00	35.53 2.24 0.00	32.35 1.98 0.00
EAST_PULASKI___ESR 323781	27.56 -0.17 0.00	32.08 -0.15 0.00	27.92 -0.11 0.00	26.09 -0.08 0.00	27.98 -0.09 0.00	32.16 -0.08 0.00	36.11 -0.18 0.00	43.70 -0.31 0.00	27.42 -0.22 0.00	23.77 -0.24 0.00	21.64 -0.24 0.00	19.27 -0.22 0.00	19.06 -0.17 0.00	22.39 -0.25 0.00	24.34 -0.26 0.00	30.65 -0.36 0.00	37.87 -0.34 0.00	37.52 -0.43 0.00	37.72 -0.42 0.00	35.11 -0.42 0.00	38.46 -0.43 0.00	33.20 -0.41 0.00	32.83 -0.46 0.00	29.81 -0.56 0.00
EAST_RIVER___1 323558	29.21 1.48 0.00	33.80 1.57 0.00	29.42 1.39 0.00	27.39 1.22 0.00	29.46 1.39 0.00	33.75 1.51 0.00	37.97 1.68 0.00	46.23 2.23 0.00	29.14 1.49 0.00	25.48 1.47 0.00	23.39 1.51 0.00	20.80 1.31 0.00	20.56 1.32 0.00	24.19 1.55 0.00	26.17 1.56 0.00	32.90 1.89 0.00	40.47 2.27 0.00	40.37 2.42 0.00	40.58 2.44 0.00	37.78 2.25 0.00	41.41 2.52 0.00	35.79 2.18 0.00	35.31 2.02 0.00	32.10 1.73 0.00
EAST_RIVER___2 323559	29.34 1.60 0.00	33.90 1.67 0.00	29.50 1.47 0.00	27.47 1.30 0.00	29.54 1.46 0.00	33.86 1.61 0.00	38.06 1.77 0.00	46.37 2.36 0.00	29.23 1.58 0.00	25.58 1.57 0.00	23.48 1.59 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.65 0.00	26.27 1.66 0.00	33.02 2.00 0.00	40.63 2.42 0.00	40.51 2.56 0.00	40.72 2.58 0.00	37.90 2.37 0.00	41.55 2.66 0.00	35.90 2.29 0.00	35.41 2.12 0.00	32.20 1.84 0.00
EAST___DELAWARE_HYD 23607	29.24 1.51 0.00	33.87 1.64 0.00	29.48 1.45 0.00	27.46 1.29 0.00	29.54 1.47 0.00	33.90 1.66 0.00	38.16 1.87 0.00	46.42 2.41 0.00	29.15 1.50 0.00	25.32 1.32 0.00	23.13 1.24 0.00	20.56 1.08 0.00	20.31 1.08 0.00	23.91 1.28 0.00	25.94 1.34 0.00	32.81 1.80 0.00	40.51 2.30 0.00	40.40 2.46 0.00	40.62 2.48 0.00	37.80 2.27 0.00	41.37 2.48 0.00	35.70 2.09 0.00	35.23 1.94 0.00	32.02 1.65 0.00
EIGHT_POINT___WT_PWR 323820	27.54 -0.19 0.00	32.68 0.44 0.00	28.40 0.37 0.00	26.50 0.33 0.00	28.44 0.37 0.00	32.88 0.64 0.00	36.74 0.45 0.00	44.38 0.37 0.00	28.04 0.40 0.00	24.42 0.41 0.00	22.08 0.19 0.00	19.55 0.06 0.00	19.05 -0.19 0.00	22.47 -0.17 0.00	24.40 -0.21 0.00	30.67 -0.35 0.00	38.09 -0.12 0.00	36.94 -1.01 0.00	35.81 -2.33 0.00	32.94 -2.59 0.00	35.56 -3.33 0.00	30.45 -3.00 0.16	30.32 -2.97 0.00	28.18 -2.19 0.00
ELBRIDGE_115KV_TB2 80188	27.59 -0.14 0.00	32.09 -0.14 0.00	27.88 -0.15 0.00	26.03 -0.13 0.00	27.93 -0.15 0.00	32.13 -0.11 0.00	36.12 -0.17 0.00	43.71 -0.30 0.00	27.50 -0.15 0.00	23.87 -0.13 0.00	21.75 -0.14 0.00	19.37 -0.12 0.00	19.07 -0.17 0.00	22.40 -0.23 0.00	24.29 -0.32 0.00	30.60 -0.42 0.00	37.80 -0.41 0.00	37.44 -0.51 0.00	37.50 -0.64 0.00	34.92 -0.61 0.00	38.13 -0.75 0.00	32.95 -0.66 0.00	32.76 -0.54 0.00	29.97 -0.39 0.00
ELEC_TRO_TEK 24086	29.21 1.48 0.00	33.78 1.55 0.00	29.34 1.31 0.00	27.26 1.09 0.00	29.31 1.24 0.00	33.55 1.31 0.00	37.74 1.45 0.00	46.01 2.00 0.00	29.00 1.35 0.00	25.26 1.25 0.00	23.27 1.39 0.00	20.74 1.25 -0.01	20.52 1.27 -0.02	26.88 1.70 -2.55	26.17 1.56 0.00	32.91 1.89 0.00	40.94 2.29 -0.44	47.41 2.60 -6.86	41.03 2.52 -0.37	37.71 2.18 0.00	41.44 2.55 0.00	35.80 2.18 -0.02	38.24 2.06 -2.88	32.06 1.68 -0.01



ELLENBURG_WT_PWR 323604	25.95 -1.78 0.00	30.58 -1.65 0.00	26.43 -1.60 0.00	24.75 -1.41 0.00	26.29 -1.79 0.00	30.31 -1.93 0.00	34.75 -1.54 0.00	41.67 -2.34 0.00	26.22 -1.43 0.00	22.93 -1.07 0.00	20.60 -1.29 0.00	18.44 -1.05 0.00	18.10 -1.14 0.00	21.50 -1.14 0.00	24.22 -0.39 0.00	30.29 -0.73 0.00	36.95 -1.26 0.00	37.45 -0.50 0.00	38.62 0.48 0.00	36.57 1.04 0.00	40.03 1.14 0.00	34.66 1.05 0.00	33.84 0.55 0.00	30.60 0.23 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.60 -0.12 0.00	32.37 0.14 0.00	28.12 0.08 0.00	26.37 0.20 0.00	28.13 0.05 0.00	32.31 0.07 0.00	35.51 -0.78 0.00	42.29 -1.72 0.00	27.07 -0.58 0.00	23.78 -0.23 0.00	21.67 -0.22 0.00	19.30 -0.19 0.00	18.81 -0.43 0.00	21.95 -0.68 0.00	23.54 -1.07 0.00	29.37 -1.65 0.00	36.60 -1.61 0.00	35.60 -2.35 0.00	35.21 -2.94 0.00	32.88 -2.65 0.00	35.51 -3.37 0.00	30.52 -3.02 0.07	30.66 -2.64 0.00	28.84 -1.52 0.00
EMPIRE_CC_1 323656	28.16 0.43 0.00	32.76 0.53 0.00	28.47 0.44 0.00	26.60 0.43 0.00	28.50 0.43 0.00	32.71 0.47 0.00	36.95 0.66 0.00	44.87 0.86 0.00	28.13 0.48 0.00	24.31 0.30 0.00	22.11 0.22 0.00	19.69 0.20 0.00	19.51 0.27 0.00	23.09 0.46 0.00	25.30 0.69 0.00	31.91 0.90 0.00	39.16 0.95 0.00	38.99 1.04 0.00	39.17 1.03 0.00	36.53 1.01 0.00	40.04 1.15 0.00	34.62 1.01 0.00	34.13 0.83 0.00	31.09 0.73 0.00
EMPIRE_CC_2 323658	28.16 0.43 0.00	32.76 0.53 0.00	28.47 0.44 0.00	26.60 0.43 0.00	28.50 0.43 0.00	32.71 0.47 0.00	36.95 0.66 0.00	44.87 0.86 0.00	28.13 0.48 0.00	24.31 0.30 0.00	22.11 0.22 0.00	19.69 0.20 0.00	19.51 0.27 0.00	23.09 0.46 0.00	25.30 0.69 0.00	31.91 0.90 0.00	39.16 0.95 0.00	38.99 1.04 0.00	39.17 1.03 0.00	36.53 1.01 0.00	40.04 1.15 0.00	34.62 1.01 0.00	34.13 0.83 0.00	31.09 0.73 0.00
ENORWICH_115KV_TB1 80156	29.54 1.81 0.00	34.42 2.19 0.00	29.97 1.94 0.00	28.09 1.92 0.00	30.16 2.08 0.00	34.72 2.48 0.00	39.21 2.92 0.00	47.76 3.75 0.00	29.97 2.32 0.00	25.79 1.78 0.00	23.28 1.39 0.00	20.74 1.25 0.00	20.45 1.21 0.00	24.10 1.47 0.00	26.31 1.71 0.00	33.46 2.45 0.00	41.62 3.41 0.00	41.28 3.33 0.00	41.09 2.95 0.00	37.81 2.28 0.00	41.09 2.20 0.00	35.76 2.05 -0.10	35.34 2.04 0.00	32.02 1.65 0.00
ERIE_ST_34_KV_TB1-2 80199	28.33 0.59 0.00	33.21 0.98 0.00	28.84 0.81 0.00	27.04 0.87 0.00	28.88 0.81 0.00	33.12 0.88 0.00	36.42 0.13 0.00	43.46 -0.55 0.00	27.80 0.15 0.00	24.47 0.46 0.00	22.30 0.42 0.00	19.87 0.38 0.00	19.36 0.13 0.00	22.62 -0.01 0.00	24.29 -0.31 0.00	30.30 -0.72 0.00	37.76 -0.45 0.00	36.76 -1.19 0.00	36.39 -1.75 0.00	33.97 -1.56 0.00	36.71 -2.18 0.00	31.58 -1.96 0.07	31.71 -1.59 0.00	29.73 -0.63 0.00
ERIE_WT_PWR 323693	26.44 0.12 1.41	15.77 0.47 16.94	23.16 0.32 5.20	23.72 0.43 2.88	26.41 0.30 1.97	28.16 0.37 4.45	28.53 -0.43 7.32	41.41 -1.26 1.34	25.44 -0.31 1.90	23.45 0.01 0.57	21.13 0.02 0.78	17.95 -0.01 1.53	17.84 -0.26 1.13	20.62 -0.46 1.56	21.44 -0.81 2.36	28.09 -1.31 1.62	32.96 -1.17 4.09	27.06 -1.94 8.95	34.96 -2.59 0.59	32.62 -2.37 0.54	35.86 -3.03 0.00	30.79 -2.75 0.07	30.92 -2.38 0.00	29.06 -1.31 0.00
ESPRGFLD_115KV_TB1 80157	29.10 1.37 0.00	33.89 1.65 0.00	29.55 1.51 0.00	27.57 1.40 0.00	29.61 1.53 0.00	34.06 1.82 0.00	38.26 1.97 0.00	46.30 2.29 0.00	29.06 1.42 0.00	25.25 1.25 0.00	23.02 1.14 0.00	20.51 1.02 0.00	20.22 0.99 0.00	23.73 1.09 0.00	25.78 1.17 0.00	32.53 1.51 0.00	40.30 2.09 0.00	40.00 2.05 0.00	40.15 2.00 0.00	37.24 1.71 0.00	40.65 1.77 0.00	35.10 1.49 0.00	34.79 1.50 0.00	31.72 1.35 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.27 0.54 0.00	32.88 0.65 0.00	28.61 0.57 0.00	26.72 0.55 0.00	28.66 0.58 0.00	32.96 0.71 0.00	37.10 0.81 0.00	44.99 0.98 0.00	28.25 0.60 0.00	24.43 0.42 0.00	22.21 0.32 0.00	19.75 0.26 0.00	19.47 0.23 0.00	22.90 0.26 0.00	24.88 0.27 0.00	31.49 0.48 0.00	39.00 0.79 0.00	38.64 0.70 0.00	38.72 0.57 0.00	35.95 0.42 0.00	39.24 0.35 0.00	34.11 0.27 -0.23	33.60 0.30 0.00	30.67 0.30 0.00
ETNA____115KV_TB2 80207	28.27 0.54 0.00	32.88 0.65 0.00	28.61 0.57 0.00	26.72 0.55 0.00	28.66 0.58 0.00	32.96 0.71 0.00	37.10 0.81 0.00	44.99 0.98 0.00	28.25 0.60 0.00	24.43 0.42 0.00	22.21 0.32 0.00	19.75 0.26 0.00	19.47 0.23 0.00	22.90 0.26 0.00	24.88 0.27 0.00	31.49 0.48 0.00	39.00 0.79 0.00	38.64 0.70 0.00	38.72 0.57 0.00	35.95 0.42 0.00	39.24 0.35 0.00	34.11 0.27 -0.23	33.60 0.30 0.00	30.67 0.30 0.00
EUCLID____115KV_TB2 356179	27.40 -0.34 0.00	31.86 -0.37 0.00	27.71 -0.32 0.00	25.88 -0.28 0.00	27.76 -0.32 0.00	31.89 -0.35 0.00	35.81 -0.48 0.00	43.38 -0.63 0.00	27.28 -0.36 0.00	23.69 -0.31 0.00	21.60 -0.28 0.00	19.23 -0.26 0.00	18.96 -0.27 0.00	22.24 -0.39 0.00	24.10 -0.51 0.00	30.36 -0.66 0.00	37.47 -0.74 0.00	37.13 -0.82 0.00	37.24 -0.90 0.00	34.65 -0.87 0.00	37.86 -1.03 0.00	32.73 -0.88 0.00	32.59 -0.71 0.00	29.79 -0.58 0.00
E_CANADA_CAP_HY 24051	29.29 1.55 0.00	34.11 1.88 0.00	29.75 1.71 0.00	27.75 1.59 0.00	29.78 1.70 0.00	34.28 2.03 0.00	38.46 2.18 0.00	46.46 2.45 0.00	28.96 1.32 0.00	25.01 1.00 0.00	22.82 0.93 0.00	20.38 0.89 0.00	20.14 0.90 0.00	23.73 1.09 0.00	25.86 1.26 0.00	32.72 1.71 0.00	40.64 2.43 0.00	40.35 2.41 0.00	40.51 2.37 0.00	37.62 2.09 0.00	41.11 2.23 0.00	35.48 1.87 0.00	35.14 1.85 0.00	32.03 1.67 0.00
E_CANADA_MHWK_HY 24050	27.61 -0.12 0.00	32.06 -0.17 0.00	27.88 -0.15 0.00	26.06 -0.11 0.00	28.01 -0.07 0.00	32.18 -0.06 0.00	36.51 0.22 0.00	44.47 0.46 0.00	27.47 -0.17 0.00	23.53 -0.48 0.00	21.41 -0.48 0.00	19.10 -0.39 0.00	18.98 -0.25 0.00	22.69 0.06 0.00	24.82 0.22 0.00	31.66 0.65 0.00	39.05 0.84 0.00	38.93 0.97 0.00	39.12 0.98 0.00	36.35 0.83 0.00	39.81 0.93 0.00	34.33 0.71 0.00	33.81 0.52 0.00	30.68 0.32 0.00
E_FISHKILL____LBMP 23776	28.86 1.12 0.00	33.42 1.19 0.00	29.08 1.05 0.00	27.08 0.91 0.00	29.13 1.05 0.00	33.39 1.15 0.00	37.57 1.28 0.00	45.73 1.72 0.00	28.77 1.12 0.00	25.08 1.08 0.00	22.99 1.10 0.00	20.47 0.98 0.00	20.22 0.98 0.00	23.78 1.15 0.00	25.77 1.16 0.00	32.47 1.45 0.00	39.95 1.75 0.00	39.83 1.88 0.00	40.04 1.90 0.00	37.28 1.75 0.00	40.83 1.94 0.00	35.28 1.67 0.00	34.81 1.51 0.00	31.64 1.28 0.00
FALCON____SEABRD_CC1 323796	26.12 -1.61 0.00	30.80 -1.43 0.00	26.61 -1.43 0.00	24.94 -1.23 0.00	26.50 -1.58 0.00	30.56 -1.68 0.00	35.03 -1.26 0.00	42.03 -1.98 0.00	26.38 -1.27 0.00	23.05 -0.95 0.00	20.70 -1.19 0.00	18.54 -0.95 0.00	18.20 -1.04 0.00	21.67 -0.97 0.00	24.40 -0.21 0.00	30.52 -0.50 0.00	37.25 -0.95 0.00	37.69 -0.27 0.00	38.87 0.72 0.00	36.79 1.26 0.00	40.27 1.38 0.00	34.93 1.32 0.00	34.04 0.75 0.00	30.83 0.46 0.00



FALCON___SEABRD_CC2 323797	26.12 -1.61 0.00	30.80 -1.43 0.00	26.61 -1.43 0.00	24.94 -1.23 0.00	26.50 -1.58 0.00	30.56 -1.68 0.00	35.03 -1.26 0.00	42.03 -1.98 0.00	26.38 -1.27 0.00	23.05 -0.95 0.00	20.70 -1.19 0.00	18.54 -0.95 0.00	18.20 -1.04 0.00	21.67 -0.97 0.00	24.40 -0.21 0.00	30.52 -0.50 0.00	37.25 -0.95 0.00	37.69 -0.27 0.00	38.87 0.72 0.00	36.79 1.26 0.00	40.27 1.38 0.00	34.93 1.32 0.00	34.04 0.75 0.00	30.83 0.46 0.00
FAR ROCKAWAY___4 23548	29.52 1.78 0.00	34.13 1.90 0.00	29.64 1.60 0.00	27.54 1.37 0.00	29.58 1.51 0.00	33.89 1.64 0.00	38.11 1.82 0.00	46.44 2.43 0.00	29.28 1.63 0.00	25.50 1.49 0.00	23.52 1.63 0.00	20.98 1.46 -0.03	20.77 1.48 -0.06	31.56 1.98 -6.95	26.46 1.85 -0.01	33.26 2.25 0.00	42.22 2.76 -1.25	60.39 3.10 -19.34	42.18 2.99 -1.05	38.14 2.61 0.00	41.92 3.02 -0.02	36.22 2.56 -0.05	43.62 2.46 -7.87	32.43 2.03 -0.04
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.22 1.49 0.00	33.81 1.58 0.00	29.42 1.39 0.00	27.39 1.22 0.00	29.46 1.39 0.00	33.76 1.52 0.00	37.96 1.67 0.00	46.24 2.23 0.00	29.14 1.50 0.00	25.48 1.47 0.00	23.39 1.50 0.00	20.80 1.31 0.00	20.55 1.32 0.00	24.18 1.54 0.00	26.16 1.55 0.00	32.90 1.89 0.00	40.48 2.27 0.00	40.37 2.42 0.00	40.58 2.43 0.00	37.78 2.25 0.00	41.40 2.52 0.00	35.79 2.18 0.00	35.31 2.02 0.00	32.10 1.73 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.24 1.51 0.00	33.83 1.60 0.00	29.43 1.39 0.00	27.39 1.22 0.00	29.47 1.40 0.00	33.78 1.53 0.00	37.98 1.69 0.00	46.27 2.26 0.00	29.15 1.51 0.00	25.49 1.48 0.00	23.40 1.51 0.00	20.81 1.31 0.00	20.56 1.32 0.00	24.19 1.55 0.00	26.17 1.56 0.00	32.92 1.90 0.00	40.50 2.29 0.00	40.38 2.43 0.00	40.59 2.45 0.00	37.79 2.27 0.00	41.43 2.54 0.00	35.80 2.19 0.00	35.32 2.03 0.00	32.11 1.75 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.21 1.48 0.00	33.80 1.57 0.00	29.41 1.37 0.00	27.37 1.20 0.00	29.45 1.37 0.00	33.75 1.51 0.00	37.95 1.66 0.00	46.23 2.22 0.00	29.13 1.48 0.00	25.47 1.47 0.00	23.38 1.49 0.00	20.79 1.30 0.00	20.54 1.31 0.00	24.17 1.53 0.00	26.14 1.54 0.00	32.89 1.87 0.00	40.45 2.25 0.00	40.34 2.39 0.00	40.55 2.41 0.00	37.76 2.23 0.00	41.39 2.50 0.00	35.76 2.15 0.00	35.29 2.00 0.00	32.09 1.73 0.00
FARRAGUT___LBMP 323566	29.19 1.46 0.00	33.78 1.55 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.43 1.35 0.00	33.72 1.49 0.00	37.93 1.64 0.00	46.19 2.18 0.00	29.11 1.46 0.00	25.45 1.45 0.00	23.36 1.47 0.00	20.78 1.29 0.00	20.53 1.29 0.00	24.15 1.52 0.00	26.13 1.52 0.00	32.87 1.85 0.00	40.42 2.21 0.00	40.32 2.37 0.00	40.53 2.38 0.00	37.73 2.20 0.00	41.36 2.47 0.00	35.75 2.14 0.00	35.28 1.98 0.00	32.07 1.70 0.00
FENNER___WINDPWR 24204	28.18 0.45 0.00	32.80 0.57 0.00	28.56 0.52 0.00	26.68 0.51 0.00	28.64 0.57 0.00	32.91 0.67 0.00	37.05 0.76 0.00	44.91 0.90 0.00	28.18 0.54 0.00	24.42 0.42 0.00	22.24 0.35 0.00	19.77 0.28 0.00	19.51 0.28 0.00	23.00 0.36 0.00	25.02 0.41 0.00	31.63 0.61 0.00	39.07 0.85 0.00	38.69 0.74 0.00	38.87 0.73 0.00	36.16 0.63 0.00	39.55 0.66 0.00	34.18 0.52 -0.04	33.77 0.47 0.00	30.75 0.38 0.00
FIBERTEK___ENERGY 23856	27.71 -0.03 0.00	32.23 -0.01 0.00	28.02 -0.02 0.00	26.16 -0.01 0.00	28.06 -0.02 0.00	32.26 0.02 0.00	36.27 -0.02 0.00	43.92 -0.09 0.00	27.61 -0.04 0.00	23.96 -0.04 0.00	21.85 -0.04 0.00	19.44 -0.05 0.00	19.16 -0.07 0.00	22.51 -0.12 0.00	24.41 -0.20 0.00	30.76 -0.25 0.00	38.00 -0.21 0.00	37.65 -0.30 0.00	37.73 -0.41 0.00	35.11 -0.42 0.00	38.35 -0.54 0.00	33.14 -0.47 0.00	32.96 -0.34 0.00	30.12 -0.24 0.00
FITZPATRICK____ 23598	27.00 -0.73 0.00	31.41 -0.83 0.00	27.31 -0.73 0.00	25.50 -0.67 0.00	27.36 -0.73 0.00	31.42 -0.82 0.00	35.30 -0.99 0.00	42.76 -1.25 0.00	26.90 -0.75 0.00	23.36 -0.64 0.00	21.30 -0.59 0.00	18.97 -0.52 0.00	18.69 -0.54 0.00	21.92 -0.71 0.00	23.74 -0.87 0.00	29.88 -1.13 0.00	36.86 -1.34 0.00	36.56 -1.39 0.00	36.69 -1.46 0.00	34.16 -1.37 0.00	37.33 -1.55 0.00	32.30 -1.31 0.00	32.18 -1.11 0.00	29.42 -0.95 0.00
FLOWRFLD_69_KV_BK1 356044	29.38 1.65 0.00	33.95 1.72 0.00	29.45 1.41 0.00	27.31 1.14 0.00	29.34 1.27 0.00	33.56 1.32 0.00	37.79 1.50 0.00	46.08 2.07 0.00	29.07 1.42 0.00	25.24 1.24 0.00	23.32 1.44 0.00	20.80 1.31 0.00	20.57 1.34 0.00	24.05 1.92 0.50	26.46 1.85 0.00	33.31 2.29 0.00	40.90 2.78 0.08	39.71 3.07 1.31	41.05 2.97 0.07	38.12 2.59 0.00	41.96 3.07 0.00	36.19 2.58 0.00	35.03 2.30 0.56	32.27 1.91 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.16 1.43 0.00	33.77 1.54 0.00	29.38 1.35 0.00	27.36 1.19 0.00	29.44 1.36 0.00	33.75 1.52 0.00	38.00 1.71 0.00	46.26 2.25 0.00	29.07 1.42 0.00	25.31 1.31 0.00	23.18 1.29 0.00	20.63 1.14 0.00	20.39 1.15 0.00	23.99 1.35 0.00	26.01 1.41 0.00	32.82 1.80 0.00	40.45 2.24 0.00	40.33 2.38 0.00	40.55 2.40 0.00	37.73 2.20 0.00	41.29 2.40 0.00	35.65 2.04 0.00	35.15 1.85 0.00	31.95 1.59 0.00
FORT ORANGE____ 23900	28.03 0.30 0.00	32.57 0.34 0.00	28.31 0.28 0.00	26.43 0.26 0.00	28.34 0.27 0.00	32.54 0.30 0.00	36.75 0.46 0.00	44.64 0.63 0.00	27.93 0.29 0.00	24.18 0.17 0.00	21.97 0.08 0.00	19.61 0.11 0.00	19.41 0.18 0.00	22.94 0.30 0.00	25.08 0.47 0.00	31.70 0.68 0.00	39.03 0.82 0.00	38.86 0.91 0.00	39.06 0.91 0.00	36.39 0.86 0.00	39.85 0.97 0.00	34.40 0.79 0.00	33.91 0.61 0.00	30.87 0.50 0.00
FORT_DRUM_COGEN 23780	28.16 0.43 0.00	32.90 0.67 0.00	28.66 0.63 0.00	26.81 0.64 0.00	28.74 0.66 0.00	33.11 0.87 0.00	37.23 0.94 0.00	44.90 0.89 0.00	28.00 0.35 0.00	24.07 0.07 0.00	21.81 -0.08 0.00	19.43 -0.06 0.00	19.36 0.13 0.00	22.88 0.24 0.00	25.19 0.58 0.00	31.72 0.71 0.00	39.39 1.18 0.00	39.00 1.05 0.00	39.47 1.33 0.00	36.80 1.28 0.00	40.36 1.48 0.00	34.74 1.14 0.00	33.69 0.40 0.00	30.11 -0.25 0.00
FOX_HILLS___ESR 323835	29.35 1.61 0.00	33.99 1.76 0.00	29.60 1.56 0.00	27.55 1.38 0.00	29.64 1.56 0.00	33.96 1.72 0.00	38.19 1.90 0.00	46.53 2.52 0.00	29.31 1.67 0.00	25.57 1.57 0.00	23.47 1.58 0.00	20.86 1.37 0.00	20.60 1.36 0.00	24.25 1.61 0.00	26.22 1.62 0.00	33.03 2.02 0.00	40.61 2.40 0.00	40.53 2.58 0.00	40.74 2.60 0.00	37.98 2.45 0.00	41.63 2.74 0.00	36.01 2.39 0.00	35.46 2.17 0.00	32.20 1.83 0.00
FPL FAR_ROCK_GT1 24212	29.52 1.78 0.00	34.12 1.89 0.00	29.64 1.61 0.00	27.54 1.37 0.00	29.59 1.51 0.00	33.89 1.64 0.00	38.11 1.82 0.00	46.44 2.43 0.00	29.28 1.63 0.00	25.50 1.49 0.00	23.52 1.63 0.00	20.98 1.46 -0.03	20.77 1.48 -0.06	31.56 1.98 -6.95	26.47 1.85 -0.01	33.26 2.25 0.00	42.21 2.75 -1.25	60.39 3.09 -19.34	42.17 2.98 -1.05	38.14 2.61 0.00	41.92 3.02 -0.02	36.21 2.55 -0.05	43.62 2.46 -7.87	32.43 2.03 -0.04



FPL FAR_ROCK_GT2 23815	29.52 1.78 0.00	34.12 1.89 0.00	29.64 1.61 0.00	27.54 1.37 0.00	29.59 1.51 0.00	33.89 1.64 0.00	38.11 1.82 0.00	46.44 2.43 0.00	29.28 1.63 0.00	25.50 1.49 0.00	23.52 1.63 0.00	20.98 1.46 -0.03	20.77 1.48 -0.06	31.56 1.98 -6.95	26.47 1.85 -0.01	33.26 2.25 0.00	42.21 2.75 -1.25	60.39 3.09 -19.34	42.17 2.98 -1.05	38.14 2.61 0.00	41.92 3.02 -0.02	36.21 2.55 -0.05	43.62 2.46 -7.87	32.43 2.03 -0.04
FRANKLIN_FALL_HYD 24054	26.37 -1.36 0.00	30.99 -1.24 0.00	26.84 -1.20 0.00	25.13 -1.04 0.00	26.70 -1.37 0.00	30.84 -1.40 0.00	35.30 -0.99 0.00	42.30 -1.71 0.00	26.65 -0.99 0.00	23.26 -0.75 0.00	20.92 -0.97 0.00	18.69 -0.80 0.00	18.33 -0.90 0.00	21.74 -0.89 0.00	24.46 -0.15 0.00	30.62 -0.40 0.00	37.49 -0.72 0.00	38.00 0.05 0.00	39.17 1.03 0.00	37.07 1.54 0.00	40.57 1.68 0.00	35.05 1.44 0.00	34.21 0.92 0.00	30.87 0.51 0.00
FREEPORT_EQUS_GT1 23764	29.34 1.60 0.00	33.91 1.68 0.00	29.45 1.41 0.00	27.36 1.19 0.00	29.40 1.32 0.00	33.63 1.39 0.00	37.84 1.55 0.00	46.12 2.11 0.00	29.08 1.44 0.00	25.31 1.31 0.00	23.33 1.44 0.00	20.80 1.30 -0.01	20.58 1.33 -0.02	26.58 1.80 -2.15	26.31 1.70 0.00	33.09 2.07 0.00	41.05 2.50 -0.35	46.11 2.81 -5.34	41.14 2.71 -0.29	37.90 2.38 0.00	41.71 2.82 0.00	35.99 2.36 -0.02	37.95 2.22 -2.43	32.20 1.82 -0.01
FREEPORT___CT2 23818	29.34 1.60 0.00	33.91 1.68 0.00	29.45 1.41 0.00	27.36 1.19 0.00	29.40 1.32 0.00	33.63 1.39 0.00	37.84 1.55 0.00	46.12 2.11 0.00	29.08 1.44 0.00	25.31 1.31 0.00	23.33 1.44 0.00	20.80 1.30 -0.01	20.58 1.33 -0.02	26.58 1.80 -2.15	26.31 1.70 0.00	33.09 2.07 0.00	41.05 2.50 -0.35	46.11 2.81 -5.34	41.14 2.71 -0.29	37.90 2.38 0.00	41.71 2.82 0.00	35.99 2.36 -0.02	37.95 2.22 -2.43	32.20 1.82 -0.01
FRESHKLS_33_KV_LOAD 356253	29.37 1.64 0.00	34.02 1.79 0.00	29.65 1.61 0.00	27.59 1.42 0.00	29.69 1.62 0.00	34.02 1.78 0.00	38.27 1.97 0.00	46.61 2.60 0.00	29.35 1.71 0.00	25.58 1.58 0.00	23.47 1.59 0.00	20.85 1.36 0.00	20.59 1.35 0.00	24.25 1.62 0.00	26.22 1.61 0.00	33.04 2.02 0.00	40.63 2.42 0.00	40.59 2.63 0.00	40.79 2.64 0.00	38.02 2.49 0.00	41.68 2.78 0.00	36.04 2.43 0.00	35.49 2.19 0.00	32.21 1.85 0.00
FULTON COGEN____ 23766	27.34 -0.40 0.00	31.79 -0.45 0.00	27.64 -0.39 0.00	25.82 -0.34 0.00	27.70 -0.38 0.00	31.81 -0.43 0.00	35.74 -0.55 0.00	43.30 -0.71 0.00	27.21 -0.44 0.00	23.61 -0.40 0.00	21.53 -0.35 0.00	19.16 -0.33 0.00	18.91 -0.32 0.00	22.16 -0.48 0.00	24.03 -0.58 0.00	30.29 -0.73 0.00	37.39 -0.82 0.00	37.08 -0.87 0.00	37.21 -0.93 0.00	34.64 -0.89 0.00	37.85 -1.03 0.00	32.70 -0.91 0.00	32.58 -0.72 0.00	29.74 -0.63 0.00
FULTON___LFGE 323630	29.27 1.54 0.00	34.05 1.82 0.00	29.65 1.62 0.00	27.67 1.50 0.00	29.69 1.62 0.00	34.16 1.92 0.00	38.42 2.13 0.00	46.44 2.43 0.00	28.66 1.01 0.00	24.51 0.51 0.00	22.34 0.45 0.00	19.98 0.49 0.00	19.81 0.57 0.00	23.58 0.95 0.00	25.76 1.16 0.00	32.78 1.76 0.00	40.75 2.54 0.00	40.51 2.56 0.00	40.68 2.54 0.00	37.82 2.29 0.00	41.33 2.44 0.00	35.63 2.02 0.00	35.21 1.91 0.00	32.06 1.69 0.00
G.F.CEMENT___DRP 24184	29.42 1.68 0.00	34.27 2.04 0.00	29.72 1.68 0.00	27.84 1.67 0.00	29.81 1.74 0.00	34.27 2.03 0.00	38.80 2.52 0.00	47.15 3.14 0.00	29.40 1.76 0.00	25.15 1.15 0.00	22.89 1.00 0.00	20.36 0.86 0.00	20.25 1.01 0.00	24.08 1.44 0.00	26.39 1.78 0.00	33.39 2.37 0.00	41.24 3.03 0.00	41.09 3.14 0.00	41.11 2.97 0.00	38.20 2.67 0.00	41.70 2.81 0.00	36.00 2.39 0.00	35.35 2.06 0.00	32.33 1.96 0.00
GARDENVILLE___LBMP 24039	27.74 0.01 0.00	32.54 0.31 0.00	28.26 0.23 0.00	26.50 0.33 0.00	28.28 0.20 0.00	32.48 0.24 0.00	35.70 -0.59 0.00	42.55 -1.46 0.00	27.22 -0.42 0.00	23.92 -0.09 0.00	21.79 -0.09 0.00	19.41 -0.08 0.00	18.91 -0.33 0.00	22.08 -0.56 0.00	23.69 -0.92 0.00	29.56 -1.46 0.00	36.85 -1.36 0.00	35.82 -2.13 0.00	35.39 -2.75 0.00	33.03 -2.50 0.00	35.68 -3.21 0.00	30.66 -2.87 0.07	30.79 -2.50 0.00	28.95 -1.41 0.00
GARDNVLA_35_KV_LD 355827	27.89 0.16 0.00	32.71 0.48 0.00	28.41 0.37 0.00	26.64 0.48 0.00	28.42 0.34 0.00	32.65 0.40 0.00	35.91 -0.38 0.00	42.77 -1.24 0.00	27.36 -0.28 0.00	24.05 0.04 0.00	21.91 0.03 0.00	19.52 0.03 0.00	19.01 -0.22 0.00	22.21 -0.43 0.00	23.83 -0.78 0.00	29.74 -1.27 0.00	37.07 -1.14 0.00	36.04 -1.91 0.00	35.62 -2.52 0.00	33.23 -2.30 0.00	35.90 -2.99 0.00	30.84 -2.70 0.07	30.97 -2.33 0.00	29.10 -1.26 0.00
GELCKHM___115KV_LOAD 80723	27.51 -0.22 0.00	31.99 -0.24 0.00	27.82 -0.21 0.00	25.98 -0.18 0.00	27.87 -0.21 0.00	32.03 -0.21 0.00	35.99 -0.30 0.00	43.58 -0.43 0.00	27.41 -0.24 0.00	23.80 -0.21 0.00	21.70 -0.19 0.00	19.32 -0.17 0.00	19.04 -0.19 0.00	22.35 -0.29 0.00	24.22 -0.39 0.00	30.51 -0.50 0.00	37.68 -0.53 0.00	37.33 -0.62 0.00	37.43 -0.71 0.00	34.83 -0.70 0.00	38.05 -0.84 0.00	32.89 -0.72 0.00	32.74 -0.56 0.00	29.91 -0.45 0.00
GENERAL___MILLS 23808	27.85 0.11 0.00	32.67 0.43 0.00	28.37 0.34 0.00	26.60 0.44 0.00	28.38 0.31 0.00	32.60 0.36 0.00	35.85 -0.44 0.00	42.71 -1.30 0.00	27.32 -0.33 0.00	24.01 0.00 0.00	21.88 -0.01 0.00	19.48 -0.01 0.00	18.98 -0.26 0.00	22.17 -0.46 0.00	23.78 -0.82 0.00	29.69 -1.33 0.00	37.01 -1.20 0.00	35.98 -1.97 0.00	35.55 -2.59 0.00	33.17 -2.36 0.00	35.84 -3.05 0.00	30.79 -2.75 0.07	30.92 -2.37 0.00	29.07 -1.30 0.00
GE_PLASTICS___DRP 24183	28.02 0.29 0.00	32.55 0.32 0.00	28.29 0.26 0.00	26.42 0.25 0.00	28.34 0.27 0.00	32.54 0.30 0.00	36.70 0.41 0.00	44.57 0.56 0.00	27.93 0.29 0.00	24.21 0.21 0.00	22.05 0.16 0.00	19.65 0.16 0.00	19.45 0.21 0.00	22.96 0.32 0.00	25.05 0.44 0.00	31.62 0.61 0.00	38.89 0.69 0.00	38.69 0.74 0.00	38.90 0.76 0.00	36.24 0.72 0.00	39.70 0.82 0.00	34.30 0.68 0.00	33.84 0.55 0.00	30.82 0.45 0.00
GILBOA___1 23756	28.24 0.51 0.00	32.79 0.56 0.00	28.53 0.50 0.00	26.61 0.45 0.00	28.57 0.49 0.00	32.79 0.55 0.00	36.94 0.65 0.00	44.87 0.86 0.00	28.17 0.53 0.00	24.46 0.46 0.00	22.32 0.44 0.00	19.88 0.39 0.00	19.64 0.41 0.00	23.14 0.50 0.00	25.17 0.57 0.00	31.75 0.74 0.00	39.00 0.79 0.00	38.68 0.73 0.00	38.99 0.84 0.00	36.34 0.81 0.00	39.83 0.94 0.00	34.42 0.81 0.00	34.00 0.70 0.00	30.97 0.61 0.00
GILBOA___2 23757	28.24 0.51 0.00	32.79 0.56 0.00	28.53 0.50 0.00	26.61 0.45 0.00	28.57 0.49 0.00	32.79 0.55 0.00	36.94 0.65 0.00	44.87 0.86 0.00	28.17 0.53 0.00	24.46 0.46 0.00	22.32 0.44 0.00	19.88 0.39 0.00	19.64 0.41 0.00	23.14 0.50 0.00	25.17 0.57 0.00	31.75 0.74 0.00	39.00 0.79 0.00	38.68 0.73 0.00	38.99 0.84 0.00	36.34 0.81 0.00	39.83 0.94 0.00	34.42 0.81 0.00	34.00 0.70 0.00	30.97 0.61 0.00



GILBOA___3 23758	28.24 0.51 0.00	32.79 0.56 0.00	28.53 0.50 0.00	26.61 0.45 0.00	28.57 0.49 0.00	32.79 0.55 0.00	36.94 0.65 0.00	44.87 0.86 0.00	28.17 0.53 0.00	24.46 0.46 0.00	22.32 0.44 0.00	19.88 0.39 0.00	19.64 0.41 0.00	23.14 0.50 0.00	25.17 0.57 0.00	31.75 0.74 0.00	39.00 0.79 0.00	38.68 0.73 0.00	38.99 0.84 0.00	36.34 0.81 0.00	39.83 0.94 0.00	34.42 0.81 0.00	34.00 0.70 0.00	30.97 0.61 0.00
GILBOA___4 23759	28.24 0.51 0.00	32.79 0.56 0.00	28.53 0.50 0.00	26.61 0.45 0.00	28.57 0.49 0.00	32.79 0.55 0.00	36.94 0.65 0.00	44.87 0.86 0.00	28.17 0.53 0.00	24.46 0.46 0.00	22.32 0.44 0.00	19.88 0.39 0.00	19.64 0.41 0.00	23.14 0.50 0.00	25.17 0.57 0.00	31.75 0.74 0.00	39.00 0.79 0.00	38.68 0.73 0.00	38.99 0.84 0.00	36.34 0.81 0.00	39.83 0.94 0.00	34.42 0.81 0.00	34.00 0.70 0.00	30.97 0.61 0.00
GILBOA___ 23599	28.24 0.51 0.00	32.79 0.56 0.00	28.53 0.50 0.00	26.61 0.44 0.00	28.57 0.49 0.00	32.79 0.55 0.00	36.94 0.65 0.00	44.87 0.86 0.00	28.17 0.53 0.00	24.46 0.45 0.00	22.32 0.43 0.00	19.88 0.39 0.00	19.65 0.41 0.00	23.14 0.51 0.00	25.17 0.56 0.00	31.75 0.74 0.00	39.00 0.79 0.00	38.68 0.73 0.00	38.99 0.84 0.00	36.34 0.82 0.00	39.83 0.94 0.00	34.42 0.81 0.00	34.00 0.70 0.00	30.97 0.61 0.00
GINNA___ 23603	25.71 -1.50 0.52	24.34 -1.61 6.28	24.67 -1.44 1.93	23.83 -1.27 1.07	25.91 -1.44 0.73	28.99 -1.60 1.65	31.40 -2.17 2.72	40.52 -3.00 0.50	25.30 -1.64 0.70	22.49 -1.30 0.21	20.40 -1.20 0.29	17.85 -1.07 0.57	17.65 -1.16 0.42	20.61 -1.45 0.58	22.01 -1.72 0.88	28.12 -2.30 0.60	34.14 -2.55 1.52	31.80 -2.83 3.32	34.83 -3.09 0.22	32.45 -2.87 0.20	35.50 -3.38 0.00	30.55 -3.03 0.04	30.48 -2.81 0.00	28.16 -2.20 0.00
GLEN PARK___ 23778	28.32 0.58 0.00	33.06 0.83 0.00	28.80 0.76 0.00	26.94 0.77 0.00	28.88 0.80 0.00	33.28 1.05 0.00	37.42 1.13 0.00	45.13 1.13 0.00	28.11 0.47 0.00	24.15 0.15 0.00	21.87 -0.02 0.00	19.48 -0.01 0.00	19.45 0.21 0.00	22.97 0.34 0.00	25.31 0.70 0.00	31.89 0.87 0.00	39.61 1.40 0.00	39.23 1.28 0.00	39.67 1.52 0.00	36.98 1.46 0.00	40.54 1.65 0.00	34.88 1.27 0.00	33.83 0.53 0.00	30.25 -0.12 0.00
GLENDALE_27_KV_LOAD 356172	29.35 1.61 0.00	33.96 1.73 0.00	29.53 1.50 0.00	27.49 1.32 0.00	29.56 1.49 0.00	33.88 1.64 0.00	38.10 1.81 0.00	46.41 2.40 0.00	29.27 1.63 0.00	25.59 1.59 0.00	23.48 1.59 0.00	20.88 1.39 0.00	20.63 1.39 0.00	24.27 1.63 0.00	26.26 1.65 0.00	33.03 2.02 0.00	40.62 2.41 0.00	40.53 2.58 0.00	40.74 2.60 0.00	37.94 2.42 0.00	41.59 2.70 0.00	35.95 2.34 0.00	35.47 2.17 0.00	32.21 1.85 0.00
GLENWOOD_IC_1_G5 23712	29.27 1.54 0.00	33.85 1.62 0.00	29.42 1.39 0.00	27.36 1.19 0.00	29.42 1.34 0.00	33.69 1.45 0.00	37.90 1.61 0.00	46.17 2.16 0.00	29.10 1.45 0.00	25.36 1.36 0.00	23.33 1.44 0.00	20.78 1.29 -0.01	20.55 1.31 -0.01	25.43 1.66 -1.14	26.21 1.60 0.00	32.97 1.96 0.00	40.76 2.37 -0.18	43.36 2.60 -2.80	40.85 2.55 -0.15	37.82 2.29 0.00	41.50 2.62 0.00	35.85 2.23 -0.01	36.66 2.08 -1.29	32.11 1.74 -0.01
GLENWOOD_IC_2_G1 23688	29.16 1.43 0.00	33.73 1.50 0.00	29.34 1.30 0.00	27.28 1.12 0.00	29.35 1.28 0.00	33.61 1.37 0.00	37.81 1.52 0.00	46.06 2.05 0.00	29.01 1.37 0.00	25.31 1.31 0.00	23.25 1.37 0.00	20.71 1.22 0.00	20.46 1.23 0.00	24.16 1.52 0.00	26.10 1.49 0.00	32.83 1.81 0.00	40.40 2.19 0.00	40.35 2.40 0.00	40.51 2.37 0.00	37.67 2.14 0.00	41.32 2.43 0.00	35.69 2.08 0.00	35.23 1.94 0.00	31.99 1.63 0.00
GLENWOOD_IC_3_G1 23689	29.16 1.43 0.00	33.73 1.50 0.00	29.34 1.30 0.00	27.28 1.12 0.00	29.35 1.28 0.00	33.61 1.37 0.00	37.81 1.52 0.00	46.06 2.05 0.00	29.01 1.37 0.00	25.31 1.31 0.00	23.25 1.37 0.00	20.71 1.22 0.00	20.46 1.23 0.00	24.16 1.52 0.00	26.10 1.49 0.00	32.83 1.81 0.00	40.40 2.19 0.00	40.35 2.40 0.00	40.51 2.37 0.00	37.67 2.14 0.00	41.32 2.43 0.00	35.69 2.08 0.00	35.23 1.94 0.00	31.99 1.63 0.00
GLENWOOD___4 23550	29.27 1.54 0.00	33.85 1.62 0.00	29.42 1.39 0.00	27.36 1.19 0.00	29.42 1.34 0.00	33.69 1.45 0.00	37.90 1.61 0.00	46.17 2.16 0.00	29.10 1.45 0.00	25.36 1.36 0.00	23.33 1.44 0.00	20.78 1.29 -0.01	20.55 1.31 -0.01	25.43 1.66 -1.14	26.21 1.60 0.00	32.97 1.96 0.00	40.76 2.37 -0.18	43.36 2.60 -2.80	40.85 2.55 -0.15	37.82 2.29 0.00	41.50 2.62 0.00	35.85 2.23 -0.01	36.66 2.08 -1.29	32.11 1.74 -0.01
GLENWOOD___5 23614	29.27 1.54 0.00	33.85 1.62 0.00	29.42 1.39 0.00	27.36 1.19 0.00	29.42 1.34 0.00	33.69 1.45 0.00	37.90 1.61 0.00	46.17 2.16 0.00	29.10 1.45 0.00	25.36 1.36 0.00	23.33 1.44 0.00	20.78 1.29 -0.01	20.55 1.31 -0.01	25.43 1.66 -1.14	26.21 1.60 0.00	32.97 1.96 0.00	40.76 2.37 -0.18	43.36 2.60 -2.80	40.85 2.55 -0.15	37.82 2.29 0.00	41.50 2.62 0.00	35.85 2.23 -0.01	36.66 2.08 -1.29	32.11 1.74 -0.01
GLOBAL GREEN_PORT_GT1 23814	29.08 1.35 0.00	33.57 1.34 0.00	28.96 0.93 0.00	26.78 0.61 0.00	28.84 0.77 0.00	33.15 0.91 0.00	37.36 1.07 0.00	45.73 1.72 0.00	28.89 1.24 0.00	25.00 1.00 0.00	23.32 1.43 0.00	20.99 1.50 0.00	20.93 1.70 0.00	24.54 2.43 0.52	27.08 2.47 0.00	34.19 3.17 0.00	41.90 3.78 0.09	40.32 3.73 1.36	41.47 3.40 0.07	38.56 3.03 0.00	42.59 3.70 0.00	36.77 3.16 0.00	35.66 2.95 0.59	32.69 2.33 0.00
GLOBE___DSASP 323697	26.79 -0.94 0.00	31.54 -0.69 0.00	27.32 -0.71 0.00	25.62 -0.55 0.00	27.29 -0.79 0.00	31.41 -0.84 0.00	34.43 -1.86 0.00	40.72 -3.29 0.00	26.16 -1.49 0.00	22.94 -1.06 0.00	20.93 -0.96 0.00	18.66 -0.83 0.00	18.19 -1.04 0.00	21.21 -1.43 0.00	22.69 -1.92 0.00	28.23 -2.79 0.00	35.26 -2.95 0.00	34.36 -3.59 0.00	33.96 -4.18 0.00	31.80 -3.73 0.00	34.32 -4.56 0.00	29.49 -4.05 0.06	29.66 -3.63 0.00	28.02 -2.35 0.00
GOETHSLN___LBMP 323567	29.15 1.42 0.00	33.72 1.49 0.00	29.34 1.31 0.00	27.31 1.14 0.00	29.39 1.31 0.00	33.68 1.44 0.00	37.87 1.58 0.00	46.13 2.12 0.00	29.06 1.42 0.00	25.41 1.41 0.00	23.32 1.43 0.00	20.73 1.24 0.00	20.47 1.24 0.00	24.09 1.45 0.00	26.07 1.46 0.00	32.80 1.78 0.00	40.35 2.14 0.00	40.25 2.30 0.00	40.45 2.31 0.00	37.66 2.13 0.00	41.28 2.39 0.00	35.69 2.08 0.00	35.22 1.93 0.00	32.01 1.65 0.00
GOLAH___69_KV_TB 1_2 80279	27.61 -0.12 0.00	32.28 0.05 0.00	28.13 0.09 0.00	26.31 0.14 0.00	28.13 0.05 0.00	32.36 0.12 0.00	35.82 -0.47 0.00	42.84 -1.17 0.00	27.23 -0.41 0.00	23.82 -0.19 0.00	21.69 -0.20 0.00	19.30 -0.19 0.00	18.88 -0.36 0.00	22.09 -0.54 0.00	23.84 -0.77 0.00	29.89 -1.13 0.00	37.20 -1.01 0.00	36.53 -1.42 0.00	36.41 -1.73 0.00	33.97 -1.56 0.00	36.86 -2.03 0.00	31.69 -1.88 0.04	31.67 -1.63 0.00	29.42 -0.95 0.00



GOODYEAR_LAKE_HYD 323669	28.80 1.07 0.00	33.48 1.25 0.00	29.17 1.13 0.00	27.22 1.05 0.00	29.24 1.17 0.00	33.61 1.36 0.00	37.81 1.52 0.00	45.88 1.87 0.00	28.85 1.20 0.00	25.08 1.07 0.00	22.86 0.98 0.00	20.35 0.86 0.00	20.07 0.83 0.00	23.58 0.94 0.00	25.60 0.99 0.00	32.29 1.27 0.00	39.88 1.67 0.00	39.61 1.66 0.00	39.77 1.63 0.00	36.93 1.40 0.00	40.33 1.44 0.00	34.83 1.22 0.00	34.48 1.18 0.00	31.41 1.05 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.11 0.38 0.00	32.68 0.45 0.00	28.45 0.42 0.00	26.55 0.38 0.00	28.51 0.43 0.00	32.71 0.47 0.00	36.80 0.51 0.00	44.71 0.70 0.00	28.09 0.45 0.00	24.41 0.40 0.00	22.20 0.32 0.00	19.76 0.27 0.00	19.44 0.21 0.00	22.87 0.24 0.00	24.84 0.23 0.00	31.33 0.32 0.00	38.66 0.45 0.00	38.30 0.35 0.00	38.43 0.28 0.00	35.70 0.17 0.00	38.99 0.10 0.00	33.66 0.05 0.00	33.39 0.10 0.00	30.49 0.13 0.00
GOUDEY___7 23579	28.11 0.38 0.00	32.68 0.45 0.00	28.45 0.42 0.00	26.55 0.38 0.00	28.51 0.43 0.00	32.71 0.47 0.00	36.80 0.51 0.00	44.71 0.70 0.00	28.09 0.45 0.00	24.41 0.40 0.00	22.20 0.32 0.00	19.76 0.27 0.00	19.44 0.21 0.00	22.87 0.24 0.00	24.84 0.23 0.00	31.33 0.32 0.00	38.66 0.45 0.00	38.30 0.35 0.00	38.43 0.28 0.00	35.70 0.17 0.00	38.99 0.10 0.00	33.66 0.05 0.00	33.39 0.10 0.00	30.49 0.13 0.00
GOUDEY___8 23580	28.11 0.38 0.00	32.68 0.45 0.00	28.45 0.42 0.00	26.55 0.38 0.00	28.51 0.43 0.00	32.71 0.47 0.00	36.80 0.51 0.00	44.71 0.70 0.00	28.09 0.45 0.00	24.41 0.40 0.00	22.20 0.32 0.00	19.76 0.27 0.00	19.44 0.21 0.00	22.87 0.24 0.00	24.84 0.23 0.00	31.33 0.32 0.00	38.66 0.45 0.00	38.30 0.35 0.00	38.43 0.28 0.00	35.70 0.17 0.00	38.99 0.10 0.00	33.66 0.05 0.00	33.39 0.10 0.00	30.49 0.13 0.00
GOWANUS_GT1_1 24077	29.37 1.64 0.00	33.99 1.76 0.00	29.59 1.55 0.00	27.53 1.37 0.00	29.62 1.54 0.00	33.94 1.70 0.00	38.17 1.88 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.39 0.00	24.28 1.65 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.65 2.44 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.47 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
GOWANUS_GT1_2 24078	29.37 1.64 0.00	33.99 1.76 0.00	29.59 1.55 0.00	27.53 1.37 0.00	29.62 1.54 0.00	33.94 1.70 0.00	38.17 1.88 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.39 0.00	24.28 1.65 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.65 2.44 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.47 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
GOWANUS_GT1_3 24079	29.37 1.64 0.00	33.99 1.76 0.00	29.59 1.55 0.00	27.53 1.37 0.00	29.62 1.54 0.00	33.94 1.70 0.00	38.17 1.88 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.39 0.00	24.28 1.65 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.65 2.44 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.47 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
GOWANUS_GT1_4 24080	29.37 1.64 0.00	33.99 1.76 0.00	29.59 1.55 0.00	27.53 1.37 0.00	29.62 1.54 0.00	33.94 1.70 0.00	38.17 1.88 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.39 0.00	24.28 1.65 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.65 2.44 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.47 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
GOWANUS_GT1_5 24084	29.37 1.64 0.00	33.99 1.76 0.00	29.59 1.55 0.00	27.53 1.37 0.00	29.62 1.54 0.00	33.94 1.70 0.00	38.17 1.88 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.39 0.00	24.28 1.65 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.65 2.44 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.47 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
GOWANUS_GT1_6 24111	29.37 1.64 0.00	33.99 1.76 0.00	29.59 1.55 0.00	27.53 1.37 0.00	29.62 1.54 0.00	33.94 1.70 0.00	38.17 1.88 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.39 0.00	24.28 1.65 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.65 2.44 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.47 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
GOWANUS_GT1_7 24112	29.37 1.64 0.00	33.99 1.76 0.00	29.59 1.55 0.00	27.53 1.37 0.00	29.62 1.54 0.00	33.94 1.70 0.00	38.17 1.88 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.39 0.00	24.28 1.65 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.65 2.44 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.47 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
GOWANUS_GT1_8 24113	29.37 1.64 0.00	33.99 1.76 0.00	29.59 1.55 0.00	27.53 1.37 0.00	29.62 1.54 0.00	33.94 1.70 0.00	38.17 1.88 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.39 0.00	24.28 1.65 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.65 2.44 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.47 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
GOWANUS_GT2_1 24114	29.35 1.62 0.00	33.98 1.75 0.00	29.58 1.55 0.00	27.52 1.35 0.00	29.61 1.53 0.00	33.93 1.69 0.00	38.16 1.87 0.00	46.49 2.48 0.00	29.30 1.66 0.00	25.59 1.58 0.00	23.48 1.60 0.00	20.88 1.39 0.00	20.62 1.39 0.00	24.27 1.63 0.00	26.25 1.64 0.00	33.04 2.03 0.00	40.63 2.42 0.00	40.56 2.61 0.00	40.77 2.63 0.00	37.98 2.45 0.00	41.64 2.75 0.00	36.00 2.38 0.00	35.48 2.19 0.00	32.22 1.85 0.00
GOWANUS_GT2_2 24115	29.35 1.62 0.00	33.98 1.75 0.00	29.58 1.55 0.00	27.52 1.35 0.00	29.61 1.53 0.00	33.93 1.69 0.00	38.16 1.87 0.00	46.49 2.48 0.00	29.30 1.66 0.00	25.59 1.58 0.00	23.48 1.60 0.00	20.88 1.39 0.00	20.62 1.39 0.00	24.27 1.63 0.00	26.25 1.64 0.00	33.04 2.03 0.00	40.63 2.42 0.00	40.56 2.61 0.00	40.77 2.63 0.00	37.98 2.45 0.00	41.64 2.75 0.00	36.00 2.38 0.00	35.48 2.19 0.00	32.22 1.85 0.00
GOWANUS_GT2_3 24116	29.35 1.62 0.00	33.98 1.75 0.00	29.58 1.55 0.00	27.52 1.35 0.00	29.61 1.53 0.00	33.93 1.69 0.00	38.16 1.87 0.00	46.49 2.48 0.00	29.30 1.66 0.00	25.59 1.58 0.00	23.48 1.60 0.00	20.88 1.39 0.00	20.62 1.39 0.00	24.27 1.63 0.00	26.25 1.64 0.00	33.04 2.03 0.00	40.63 2.42 0.00	40.56 2.61 0.00	40.77 2.63 0.00	37.98 2.45 0.00	41.64 2.75 0.00	36.00 2.38 0.00	35.48 2.19 0.00	32.22 1.85 0.00



GOWANUS_GT2_4 24117	29.35 1.62 0.00	33.98 1.75 0.00	29.58 1.55 0.00	27.52 1.35 0.00	29.61 1.53 0.00	33.93 1.69 0.00	38.16 1.87 0.00	46.49 2.48 0.00	29.30 1.66 0.00	25.59 1.58 0.00	23.48 1.60 0.00	20.88 1.39 0.00	20.62 1.39 0.00	24.27 1.63 0.00	26.25 1.64 0.00	33.04 2.03 0.00	40.63 2.42 0.00	40.56 2.61 0.00	40.77 2.63 0.00	37.98 2.45 0.00	41.64 2.75 0.00	36.00 2.38 0.00	35.48 2.19 0.00	32.22 1.85 0.00
GOWANUS_GT2_5 24118	29.35 1.62 0.00	33.98 1.75 0.00	29.58 1.55 0.00	27.52 1.35 0.00	29.61 1.53 0.00	33.93 1.69 0.00	38.16 1.87 0.00	46.49 2.48 0.00	29.30 1.66 0.00	25.59 1.58 0.00	23.48 1.60 0.00	20.88 1.39 0.00	20.62 1.39 0.00	24.27 1.63 0.00	26.25 1.64 0.00	33.04 2.03 0.00	40.63 2.42 0.00	40.56 2.61 0.00	40.77 2.63 0.00	37.98 2.45 0.00	41.64 2.75 0.00	36.00 2.38 0.00	35.48 2.19 0.00	32.22 1.85 0.00
GOWANUS_GT2_6 24119	29.35 1.62 0.00	33.98 1.75 0.00	29.58 1.55 0.00	27.52 1.35 0.00	29.61 1.53 0.00	33.93 1.69 0.00	38.16 1.87 0.00	46.49 2.48 0.00	29.30 1.66 0.00	25.59 1.58 0.00	23.48 1.60 0.00	20.88 1.39 0.00	20.62 1.39 0.00	24.27 1.63 0.00	26.25 1.64 0.00	33.04 2.03 0.00	40.63 2.42 0.00	40.56 2.61 0.00	40.77 2.63 0.00	37.98 2.45 0.00	41.64 2.75 0.00	36.00 2.38 0.00	35.48 2.19 0.00	32.22 1.85 0.00
GOWANUS_GT2_7 24120	29.35 1.62 0.00	33.98 1.75 0.00	29.58 1.55 0.00	27.52 1.35 0.00	29.61 1.53 0.00	33.93 1.69 0.00	38.16 1.87 0.00	46.49 2.48 0.00	29.30 1.66 0.00	25.59 1.58 0.00	23.48 1.60 0.00	20.88 1.39 0.00	20.62 1.39 0.00	24.27 1.63 0.00	26.25 1.64 0.00	33.04 2.03 0.00	40.63 2.42 0.00	40.56 2.61 0.00	40.77 2.63 0.00	37.98 2.45 0.00	41.64 2.75 0.00	36.00 2.38 0.00	35.48 2.19 0.00	32.22 1.85 0.00
GOWANUS_GT2_8 24121	29.35 1.62 0.00	33.98 1.75 0.00	29.58 1.55 0.00	27.52 1.35 0.00	29.61 1.53 0.00	33.93 1.69 0.00	38.16 1.87 0.00	46.49 2.48 0.00	29.30 1.66 0.00	25.59 1.58 0.00	23.48 1.60 0.00	20.88 1.39 0.00	20.62 1.39 0.00	24.27 1.63 0.00	26.25 1.64 0.00	33.04 2.03 0.00	40.63 2.42 0.00	40.56 2.61 0.00	40.77 2.63 0.00	37.98 2.45 0.00	41.64 2.75 0.00	36.00 2.38 0.00	35.48 2.19 0.00	32.22 1.85 0.00
GOWANUS_GT3_1 24122	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
GOWANUS_GT3_2 24123	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
GOWANUS_GT3_3 24124	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
GOWANUS_GT3_4 24125	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
GOWANUS_GT3_5 24126	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
GOWANUS_GT3_6 24127	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
GOWANUS_GT3_7 24128	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
GOWANUS_GT3_8 24129	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
GOWANUS_GT4_1 24130	29.36 1.62 0.00	33.98 1.75 0.00	29.57 1.54 0.00	27.52 1.36 0.00	29.61 1.53 0.00	33.93 1.70 0.00	38.16 1.87 0.00	46.49 2.48 0.00	29.30 1.66 0.00	25.59 1.58 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.62 1.38 0.00	24.27 1.63 0.00	26.25 1.64 0.00	33.05 2.03 0.00	40.64 2.43 0.00	40.56 2.61 0.00	40.77 2.62 0.00	37.98 2.45 0.00	41.63 2.74 0.00	36.00 2.39 0.00	35.48 2.19 0.00	32.22 1.85 0.00
GOWANUS_GT4_2 24131	29.36 1.62 0.00	33.98 1.75 0.00	29.57 1.54 0.00	27.52 1.36 0.00	29.61 1.53 0.00	33.93 1.70 0.00	38.16 1.87 0.00	46.49 2.48 0.00	29.30 1.66 0.00	25.59 1.58 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.62 1.38 0.00	24.27 1.63 0.00	26.25 1.64 0.00	33.05 2.03 0.00	40.64 2.43 0.00	40.56 2.61 0.00	40.77 2.62 0.00	37.98 2.45 0.00	41.63 2.74 0.00	36.00 2.39 0.00	35.48 2.19 0.00	32.22 1.85 0.00



GOWANUS_GT4_3 24132	29.36 1.62 0.00	33.98 1.75 0.00	29.57 1.54 0.00	27.52 1.36 0.00	29.61 1.53 0.00	33.93 1.70 0.00	38.16 1.87 0.00	46.49 2.48 0.00	29.30 1.66 0.00	25.59 1.58 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.62 1.38 0.00	24.27 1.63 0.00	26.25 1.64 0.00	33.05 2.03 0.00	40.64 2.43 0.00	40.56 2.61 0.00	40.77 2.62 0.00	37.98 2.45 0.00	41.63 2.74 0.00	36.00 2.39 0.00	35.48 2.19 0.00	32.22 1.85 0.00
GOWANUS_GT4_4 24133	29.36 1.62 0.00	33.98 1.75 0.00	29.57 1.54 0.00	27.52 1.36 0.00	29.61 1.53 0.00	33.93 1.70 0.00	38.16 1.87 0.00	46.49 2.48 0.00	29.30 1.66 0.00	25.59 1.58 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.62 1.38 0.00	24.27 1.63 0.00	26.25 1.64 0.00	33.05 2.03 0.00	40.64 2.43 0.00	40.56 2.61 0.00	40.77 2.62 0.00	37.98 2.45 0.00	41.63 2.74 0.00	36.00 2.39 0.00	35.48 2.19 0.00	32.22 1.85 0.00
GOWANUS_GT4_5 24134	29.36 1.62 0.00	33.98 1.75 0.00	29.57 1.54 0.00	27.52 1.36 0.00	29.61 1.53 0.00	33.93 1.70 0.00	38.16 1.87 0.00	46.49 2.48 0.00	29.30 1.66 0.00	25.59 1.58 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.62 1.38 0.00	24.27 1.63 0.00	26.25 1.64 0.00	33.05 2.03 0.00	40.64 2.43 0.00	40.56 2.61 0.00	40.77 2.62 0.00	37.98 2.45 0.00	41.63 2.74 0.00	36.00 2.39 0.00	35.48 2.19 0.00	32.22 1.85 0.00
GOWANUS_GT4_6 24135	29.36 1.62 0.00	33.98 1.75 0.00	29.57 1.54 0.00	27.52 1.36 0.00	29.61 1.53 0.00	33.93 1.70 0.00	38.16 1.87 0.00	46.49 2.48 0.00	29.30 1.66 0.00	25.59 1.58 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.62 1.38 0.00	24.27 1.63 0.00	26.25 1.64 0.00	33.05 2.03 0.00	40.64 2.43 0.00	40.56 2.61 0.00	40.77 2.62 0.00	37.98 2.45 0.00	41.63 2.74 0.00	36.00 2.39 0.00	35.48 2.19 0.00	32.22 1.85 0.00
GOWANUS_GT4_7 24136	29.36 1.62 0.00	33.98 1.75 0.00	29.57 1.54 0.00	27.52 1.36 0.00	29.61 1.53 0.00	33.93 1.70 0.00	38.16 1.87 0.00	46.49 2.48 0.00	29.30 1.66 0.00	25.59 1.58 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.62 1.38 0.00	24.27 1.63 0.00	26.25 1.64 0.00	33.05 2.03 0.00	40.64 2.43 0.00	40.56 2.61 0.00	40.77 2.62 0.00	37.98 2.45 0.00	41.63 2.74 0.00	36.00 2.39 0.00	35.48 2.19 0.00	32.22 1.85 0.00
GOWANUS_GT4_8 24137	29.36 1.62 0.00	33.98 1.75 0.00	29.57 1.54 0.00	27.52 1.36 0.00	29.61 1.53 0.00	33.93 1.70 0.00	38.16 1.87 0.00	46.49 2.48 0.00	29.30 1.66 0.00	25.59 1.58 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.62 1.38 0.00	24.27 1.63 0.00	26.25 1.64 0.00	33.05 2.03 0.00	40.64 2.43 0.00	40.56 2.61 0.00	40.77 2.62 0.00	37.98 2.45 0.00	41.63 2.74 0.00	36.00 2.39 0.00	35.48 2.19 0.00	32.22 1.85 0.00
GREENBSH_115KV_TB3 55895	27.87 0.14 0.00	32.39 0.16 0.00	28.15 0.12 0.00	26.29 0.12 0.00	28.19 0.11 0.00	32.36 0.12 0.00	36.53 0.24 0.00	44.38 0.37 0.00	27.81 0.16 0.00	24.11 0.10 0.00	21.92 0.03 0.00	19.56 0.07 0.00	19.38 0.14 0.00	22.88 0.25 0.00	24.98 0.37 0.00	31.53 0.52 0.00	38.79 0.58 0.00	38.59 0.64 0.00	38.79 0.65 0.00	36.16 0.63 0.00	39.60 0.71 0.00	34.20 0.59 0.00	33.73 0.43 0.00	30.72 0.35 0.00
GREENIDGE_115KV_TB5 80291	27.95 0.22 0.00	32.51 0.27 0.00	28.44 0.41 0.00	26.52 0.35 0.00	28.43 0.36 0.00	32.69 0.45 0.00	36.67 0.38 0.00	44.30 0.29 0.00	27.96 0.31 0.00	24.25 0.25 0.00	21.93 0.04 0.00	19.55 0.06 0.00	19.13 -0.11 0.00	22.54 -0.10 0.00	24.48 -0.12 0.00	30.92 -0.09 0.00	38.31 0.10 0.00	37.71 -0.24 0.00	37.63 -0.52 0.00	34.91 -0.62 0.00	37.83 -1.06 0.00	32.56 -0.86 0.19	32.46 -0.83 0.00	29.82 -0.55 0.00
GREENIDGE___3 23582	27.95 0.22 0.00	32.51 0.27 0.00	28.44 0.41 0.00	26.52 0.35 0.00	28.43 0.36 0.00	32.69 0.45 0.00	36.67 0.38 0.00	44.30 0.29 0.00	27.96 0.31 0.00	24.25 0.25 0.00	21.93 0.04 0.00	19.55 0.06 0.00	19.13 -0.11 0.00	22.54 -0.10 0.00	24.48 -0.12 0.00	30.92 -0.09 0.00	38.31 0.10 0.00	37.71 -0.24 0.00	37.63 -0.52 0.00	34.91 -0.62 0.00	37.83 -1.06 0.00	32.56 -0.86 0.19	32.46 -0.83 0.00	29.82 -0.55 0.00
GREENIDGE___4 23583	28.19 0.22 -0.24	35.39 0.27 -2.88	29.32 0.40 -0.88	27.01 0.35 -0.49	28.77 0.36 -0.33	33.45 0.45 -0.76	37.91 0.37 -1.25	44.53 0.30 -0.23	28.28 0.32 -0.32	24.35 0.24 -0.10	22.07 0.05 -0.13	19.81 0.05 -0.26	19.32 -0.11 -0.19	22.80 -0.10 -0.27	24.88 -0.13 -0.40	31.20 -0.09 -0.27	39.01 0.10 -0.69	39.24 -0.23 -1.52	37.73 -0.52 -0.10	35.00 -0.62 -0.09	37.83 -1.06 0.00	32.56 -0.86 0.19	32.46 -0.83 0.00	29.81 -0.55 0.00
GREENLWN_69_KV_BK 3 55738	29.16 1.43 0.00	33.69 1.46 0.00	29.26 1.23 0.00	27.15 0.98 0.00	29.17 1.10 0.00	33.32 1.08 0.00	37.50 1.21 0.00	45.69 1.68 0.00	28.87 1.22 0.00	25.11 1.10 0.00	23.18 1.29 0.00	20.66 1.18 0.00	20.41 1.17 0.00	23.85 1.65 0.43	26.15 1.55 0.00	32.85 1.83 0.00	40.28 2.15 0.07	39.17 2.38 1.15	40.37 2.29 0.06	37.49 1.96 0.00	41.27 2.38 0.00	35.64 2.04 0.00	34.64 1.84 0.49	31.89 1.54 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.37 1.64 0.00	33.99 1.76 0.00	29.59 1.55 0.00	27.53 1.37 0.00	29.62 1.54 0.00	33.94 1.70 0.00	38.17 1.88 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.39 0.00	24.28 1.65 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.65 2.44 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.47 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
GRISSOM___SOLAR 323813	29.19 1.46 0.00	33.96 1.72 0.00	29.55 1.52 0.00	27.58 1.41 0.00	29.60 1.53 0.00	34.04 1.80 0.00	38.31 2.02 0.00	46.32 2.31 0.00	28.49 0.84 0.00	24.31 0.30 0.00	22.16 0.27 0.00	19.83 0.34 0.00	19.67 0.44 0.00	23.48 0.85 0.00	25.66 1.06 0.00	32.70 1.68 0.00	40.64 2.43 0.00	40.43 2.47 0.00	40.59 2.44 0.00	37.74 2.21 0.00	41.25 2.36 0.00	35.57 1.96 0.00	35.14 1.85 0.00	31.99 1.63 0.00
GROVEVILLE___HYD 323602	29.16 1.43 0.00	33.77 1.54 0.00	29.38 1.35 0.00	27.36 1.19 0.00	29.44 1.36 0.00	33.75 1.52 0.00	38.00 1.71 0.00	46.26 2.25 0.00	29.07 1.42 0.00	25.31 1.31 0.00	23.18 1.29 0.00	20.63 1.14 0.00	20.39 1.15 0.00	23.99 1.35 0.00	26.01 1.41 0.00	32.82 1.80 0.00	40.45 2.24 0.00	40.33 2.38 0.00	40.55 2.40 0.00	37.73 2.20 0.00	41.29 2.40 0.00	35.65 2.04 0.00	35.15 1.85 0.00	31.95 1.59 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	27.71 -0.03 0.00	32.23 -0.01 0.00	28.02 -0.02 0.00	26.16 -0.01 0.00	28.06 -0.02 0.00	32.26 0.02 0.00	36.27 -0.02 0.00	43.92 -0.09 0.00	27.61 -0.04 0.00	23.96 -0.04 0.00	21.85 -0.04 0.00	19.44 -0.05 0.00	19.16 -0.07 0.00	22.51 -0.12 0.00	24.41 -0.20 0.00	30.76 -0.25 0.00	38.00 -0.21 0.00	37.65 -0.30 0.00	37.73 -0.41 0.00	35.11 -0.42 0.00	38.35 -0.54 0.00	33.14 -0.47 0.00	32.96 -0.34 0.00	30.12 -0.24 0.00



HAMLTNNY_34_KV_TB 80303	27.73 0.01 0.00	32.27 0.04 0.00	28.04 0.00 0.00	26.18 0.02 0.00	28.10 0.02 0.00	32.32 0.08 0.00	36.31 0.02 0.00	43.95 -0.06 0.00	27.65 0.00 0.00	24.01 0.00 0.00	21.88 -0.01 0.00	19.47 -0.02 0.00	19.17 -0.07 0.00	22.53 -0.10 0.00	24.42 -0.18 0.00	30.78 -0.23 0.00	38.04 -0.17 0.00	37.67 -0.29 0.00	37.70 -0.44 0.00	35.10 -0.43 0.00	38.33 -0.56 0.00	33.11 -0.50 0.00	32.91 -0.38 0.00	30.12 -0.25 0.00
HAMPSHIRE___PAPER_HYD 323593	27.31 -0.42 0.00	31.93 -0.30 0.00	27.78 -0.25 0.00	25.99 -0.18 0.00	27.75 -0.33 0.00	32.04 -0.20 0.00	36.24 -0.05 0.00	43.50 -0.51 0.00	27.26 -0.38 0.00	23.58 -0.43 0.00	21.29 -0.59 0.00	19.00 -0.49 0.00	18.77 -0.46 0.00	22.19 -0.45 0.00	24.64 0.04 0.00	30.99 -0.02 0.00	38.29 0.08 0.00	38.26 0.31 0.00	39.03 0.89 0.00	36.67 1.14 0.00	40.22 1.33 0.00	34.64 1.03 0.00	33.72 0.43 0.00	30.32 -0.04 0.00
HARDSCRABBLE_WT_PWR 323673	27.49 -0.24 0.00	31.97 -0.26 0.00	27.85 -0.19 0.00	26.04 -0.13 0.00	27.98 -0.09 0.00	32.16 -0.08 0.00	36.46 0.17 0.00	44.38 0.37 0.00	27.53 -0.12 0.00	23.67 -0.34 0.00	21.57 -0.32 0.00	19.24 -0.25 0.00	19.09 -0.14 0.00	22.73 0.10 0.00	24.87 0.26 0.00	31.64 0.63 0.00	39.02 0.81 0.00	38.85 0.90 0.00	39.04 0.90 0.00	36.25 0.73 0.00	39.73 0.84 0.00	34.24 0.63 0.00	33.79 0.49 0.00	30.66 0.30 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.02 1.29 0.00	33.60 1.37 0.00	29.25 1.21 0.00	27.23 1.06 0.00	29.32 1.24 0.00	33.61 1.37 0.00	37.81 1.52 0.00	46.03 2.02 0.00	28.93 1.28 0.00	25.22 1.22 0.00	23.09 1.21 0.00	20.54 1.05 0.00	20.30 1.06 0.00	23.89 1.25 0.00	25.90 1.30 0.00	32.67 1.66 0.00	40.26 2.05 0.00	40.15 2.19 0.00	40.34 2.20 0.00	37.53 2.01 0.00	41.10 2.21 0.00	35.50 1.89 0.00	35.02 1.73 0.00	31.84 1.47 0.00
HARSNRAD_115KV_TB1 81005	27.24 -0.48 0.00	31.86 -0.37 0.00	27.72 -0.31 0.00	25.98 -0.19 0.00	27.73 -0.35 0.00	31.83 -0.41 0.00	34.93 -1.36 0.00	41.51 -2.50 0.00	26.63 -1.02 0.00	23.38 -0.63 0.00	21.32 -0.57 0.00	18.98 -0.51 0.00	18.50 -0.73 0.00	21.57 -1.06 0.00	23.11 -1.50 0.00	28.80 -2.21 0.00	35.93 -2.27 0.00	34.98 -2.98 0.00	34.67 -3.47 0.00	32.44 -3.09 0.00	35.03 -3.86 0.00	30.11 -3.44 0.06	30.24 -3.05 0.00	28.57 -1.79 0.00
HARZA MOOSE___RIVER 24016	28.12 0.39 0.00	32.82 0.59 0.00	28.59 0.55 0.00	26.73 0.56 0.00	28.65 0.57 0.00	32.97 0.73 0.00	37.14 0.85 0.00	44.88 0.87 0.00	28.10 0.46 0.00	24.29 0.28 0.00	22.08 0.19 0.00	19.66 0.16 0.00	19.45 0.21 0.00	22.97 0.34 0.00	25.15 0.54 0.00	31.72 0.70 0.00	39.24 1.03 0.00	38.88 0.93 0.00	39.27 1.12 0.00	36.61 1.08 0.00	40.15 1.26 0.00	34.60 0.99 0.00	33.82 0.52 0.00	30.48 0.12 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	27.52 -0.21 0.00	32.00 -0.23 0.00	27.84 -0.20 0.00	26.00 -0.17 0.00	27.88 -0.19 0.00	32.03 -0.21 0.00	35.99 -0.30 0.00	43.59 -0.42 0.00	27.42 -0.23 0.00	23.80 -0.20 0.00	21.70 -0.18 0.00	19.32 -0.17 0.00	19.05 -0.19 0.00	22.35 -0.28 0.00	24.22 -0.39 0.00	30.51 -0.50 0.00	37.68 -0.53 0.00	37.34 -0.61 0.00	37.43 -0.71 0.00	34.82 -0.72 0.00	38.05 -0.84 0.00	32.86 -0.74 0.00	32.72 -0.58 0.00	29.91 -0.45 0.00
HELLGATE_13_KV_LD 55870	29.23 1.50 0.00	33.84 1.61 0.00	29.43 1.39 0.00	27.40 1.23 0.00	29.46 1.39 0.00	33.76 1.52 0.00	37.96 1.67 0.00	46.23 2.22 0.00	29.17 1.52 0.00	25.49 1.48 0.00	23.38 1.50 0.00	20.79 1.30 0.00	20.55 1.31 0.00	24.17 1.53 0.00	26.15 1.54 0.00	32.88 1.87 0.00	40.43 2.22 0.00	40.34 2.39 0.00	40.55 2.41 0.00	37.77 2.24 0.00	41.40 2.52 0.00	35.80 2.19 0.00	35.31 2.02 0.00	32.08 1.72 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.23 1.50 0.00	33.84 1.61 0.00	29.43 1.39 0.00	27.40 1.23 0.00	29.46 1.39 0.00	33.76 1.52 0.00	37.96 1.67 0.00	46.23 2.22 0.00	29.17 1.52 0.00	25.49 1.48 0.00	23.38 1.50 0.00	20.79 1.30 0.00	20.55 1.31 0.00	24.17 1.53 0.00	26.15 1.54 0.00	32.88 1.87 0.00	40.43 2.22 0.00	40.34 2.39 0.00	40.55 2.41 0.00	37.77 2.24 0.00	41.40 2.52 0.00	35.80 2.19 0.00	35.31 2.02 0.00	32.08 1.72 0.00
HEMPSTEAD____ 23647	29.16 1.43 0.00	33.72 1.49 0.00	29.30 1.26 0.00	27.22 1.05 0.00	29.26 1.18 0.00	33.49 1.24 0.00	37.68 1.39 0.00	45.91 1.90 0.00	28.95 1.30 0.00	25.21 1.20 0.00	23.22 1.33 0.00	20.70 1.20 -0.01	20.47 1.22 -0.01	25.74 1.64 -1.47	26.14 1.53 0.00	32.88 1.87 0.00	40.67 2.24 -0.22	43.90 2.52 -3.43	40.76 2.44 -0.18	37.67 2.14 0.00	41.41 2.52 0.00	35.75 2.13 -0.01	36.95 1.99 -1.67	31.99 1.62 -0.01
HEWLETT_69_KV_BK3 55828	29.41 1.68 0.00	34.00 1.77 0.00	29.53 1.50 0.00	27.44 1.27 0.00	29.48 1.41 0.00	33.75 1.51 0.00	37.96 1.67 0.00	46.27 2.26 0.00	29.17 1.53 0.00	25.41 1.40 0.00	23.43 1.55 0.00	20.90 1.38 -0.03	20.70 1.41 -0.06	31.46 1.88 -6.95	26.36 1.74 -0.01	33.12 2.11 0.00	42.04 2.58 -1.25	60.21 2.91 -19.34	42.00 2.81 -1.05	37.97 2.44 0.00	41.75 2.84 -0.02	36.08 2.42 -0.05	43.48 2.32 -7.87	32.31 1.91 -0.04
HICKLING___1 23621	27.78 0.05 0.00	32.38 0.15 0.00	28.25 0.22 0.00	26.34 0.17 0.00	28.27 0.20 0.00	32.46 0.22 0.00	36.52 0.23 0.00	44.40 0.39 0.00	27.88 0.24 0.00	24.26 0.26 0.00	21.98 0.09 0.00	19.53 0.04 0.00	19.09 -0.15 0.00	22.51 -0.13 0.00	24.45 -0.16 0.00	30.85 -0.16 0.00	38.10 -0.11 0.00	37.53 -0.42 0.00	37.42 -0.72 0.00	34.62 -0.91 0.00	37.70 -1.19 0.00	32.29 -1.13 0.19	32.23 -1.07 0.00	29.58 -0.79 0.00
HICKLING___2 23622	27.78 0.05 0.00	32.38 0.15 0.00	28.25 0.22 0.00	26.34 0.17 0.00	28.27 0.20 0.00	32.46 0.22 0.00	36.52 0.23 0.00	44.40 0.39 0.00	27.88 0.24 0.00	24.26 0.26 0.00	21.98 0.09 0.00	19.53 0.04 0.00	19.09 -0.15 0.00	22.51 -0.13 0.00	24.45 -0.16 0.00	30.85 -0.16 0.00	38.10 -0.11 0.00	37.53 -0.42 0.00	37.42 -0.72 0.00	34.62 -0.91 0.00	37.70 -1.19 0.00	32.29 -1.13 0.19	32.23 -1.07 0.00	29.58 -0.79 0.00
HIGH FALLS___HY 23754	29.25 1.52 0.00	33.87 1.63 0.00	29.48 1.45 0.00	27.45 1.28 0.00	29.55 1.47 0.00	33.90 1.65 0.00	38.14 1.84 0.00	46.43 2.42 0.00	29.20 1.55 0.00	25.39 1.39 0.00	23.22 1.33 0.00	20.62 1.13 0.00	20.35 1.12 0.00	23.96 1.32 0.00	25.93 1.32 0.00	32.79 1.77 0.00	40.48 2.27 0.00	40.39 2.44 0.00	40.63 2.48 0.00	37.80 2.27 0.00	41.39 2.50 0.00	35.72 2.11 0.00	35.25 1.95 0.00	32.02 1.66 0.00
HIGH_RIVER___SOLAR 323847	28.71 0.98 0.00	33.39 1.16 0.00	29.03 1.00 0.00	27.11 0.94 0.00	29.08 1.01 0.00	33.42 1.18 0.00	37.64 1.35 0.00	45.60 1.59 0.00	28.32 0.67 0.00	24.26 0.25 0.00	22.04 0.15 0.00	19.64 0.15 0.00	19.47 0.24 0.00	23.20 0.57 0.00	25.36 0.76 0.00	32.20 1.19 0.00	39.86 1.65 0.00	39.64 1.69 0.00	39.82 1.68 0.00	37.06 1.54 0.00	40.54 1.65 0.00	35.00 1.39 0.00	34.57 1.27 0.00	31.50 1.14 0.00



HILLBURN___GT 23639	28.97 1.24 0.00	33.53 1.29 0.00	29.20 1.17 0.00	27.18 1.01 0.00	29.27 1.20 0.00	33.54 1.30 0.00	37.72 1.43 0.00	45.95 1.94 0.00	28.88 1.24 0.00	25.21 1.20 0.00	23.09 1.21 0.00	20.53 1.04 0.00	20.28 1.05 0.00	23.86 1.22 0.00	25.86 1.25 0.00	32.60 1.58 0.00	40.13 1.92 0.00	40.03 2.08 0.00	40.22 2.07 0.00	37.43 1.90 0.00	41.01 2.12 0.00	35.44 1.83 0.00	34.97 1.68 0.00	31.79 1.43 0.00
HILLSIDE_115KV_TB1 80332	27.47 -0.26 0.00	31.91 -0.32 0.00	27.86 -0.17 0.00	25.95 -0.22 0.00	27.87 -0.21 0.00	31.97 -0.28 0.00	36.03 -0.25 0.00	43.92 -0.09 0.00	27.55 -0.10 0.00	23.95 -0.06 0.00	21.69 -0.19 0.00	19.31 -0.18 0.00	18.88 -0.35 0.00	22.28 -0.36 0.00	24.20 -0.41 0.00	30.54 -0.48 0.00	37.63 -0.58 0.00	37.14 -0.81 0.00	37.24 -0.91 0.00	34.49 -1.04 0.00	37.60 -1.29 0.00	32.22 -1.22 0.18	32.15 -1.15 0.00	29.44 -0.93 0.00
HISHELDN_WT_PWR 323625	26.78 -0.18 0.78	23.04 0.12 9.31	25.23 0.06 2.86	24.73 0.15 1.59	27.04 0.05 1.08	29.88 0.08 2.45	31.67 -0.59 4.03	41.96 -1.32 0.74	26.18 -0.42 1.04	23.53 -0.16 0.31	21.28 -0.19 0.43	18.42 -0.22 0.84	18.15 -0.46 0.62	21.15 -0.63 0.86	22.39 -0.92 1.30	28.74 -1.39 0.89	34.65 -1.31 2.25	30.92 -2.11 4.92	34.91 -2.91 0.32	32.45 -2.78 0.30	35.44 -3.45 0.00	30.40 -3.12 0.09	30.50 -2.80 0.00	28.52 -1.85 0.00
HOLTSVILLE_IC_1 23690	29.27 1.54 0.00	33.82 1.59 0.00	29.34 1.31 0.00	27.22 1.05 0.00	29.25 1.18 0.00	33.46 1.21 0.00	37.66 1.37 0.00	45.91 1.90 0.00	28.96 1.31 0.00	25.15 1.15 0.00	23.24 1.36 0.00	20.74 1.25 0.00	20.51 1.28 0.00	23.93 1.82 0.53	26.34 1.73 0.00	33.13 2.12 0.00	40.65 2.53 0.09	39.36 2.79 1.38	40.73 2.66 0.07	37.86 2.33 0.00	41.70 2.81 0.00	35.96 2.35 0.00	34.82 2.12 0.60	32.10 1.74 0.00
HOLTSVILLE_IC_10 23699	29.38 1.65 0.00	33.95 1.71 0.00	29.45 1.42 0.00	27.31 1.14 0.00	29.35 1.28 0.00	33.58 1.34 0.00	37.80 1.51 0.00	46.09 2.08 0.00	29.06 1.42 0.00	25.24 1.23 0.00	23.32 1.43 0.00	20.81 1.32 0.00	20.57 1.35 0.00	24.06 1.92 0.49	26.46 1.85 0.00	33.31 2.29 0.00	40.89 2.77 0.08	39.69 3.03 1.29	40.98 2.90 0.07	38.07 2.54 0.00	41.93 3.04 0.00	36.15 2.54 0.00	35.02 2.28 0.56	32.25 1.88 0.00
HOLTSVILLE_IC_2 23691	29.27 1.54 0.00	33.82 1.59 0.00	29.34 1.31 0.00	27.22 1.05 0.00	29.25 1.18 0.00	33.46 1.21 0.00	37.66 1.37 0.00	45.91 1.90 0.00	28.96 1.31 0.00	25.15 1.15 0.00	23.24 1.36 0.00	20.74 1.25 0.00	20.51 1.28 0.00	23.93 1.82 0.53	26.34 1.73 0.00	33.13 2.12 0.00	40.65 2.53 0.09	39.36 2.79 1.38	40.73 2.66 0.07	37.86 2.33 0.00	41.70 2.81 0.00	35.96 2.35 0.00	34.82 2.12 0.60	32.10 1.74 0.00
HOLTSVILLE_IC_3 23692	29.27 1.54 0.00	33.82 1.59 0.00	29.34 1.31 0.00	27.22 1.05 0.00	29.25 1.18 0.00	33.46 1.21 0.00	37.66 1.37 0.00	45.91 1.90 0.00	28.96 1.31 0.00	25.15 1.15 0.00	23.24 1.36 0.00	20.74 1.25 0.00	20.51 1.28 0.00	23.93 1.82 0.53	26.34 1.73 0.00	33.13 2.12 0.00	40.65 2.53 0.09	39.36 2.79 1.38	40.73 2.66 0.07	37.86 2.33 0.00	41.70 2.81 0.00	35.96 2.35 0.00	34.82 2.12 0.60	32.10 1.74 0.00
HOLTSVILLE_IC_4 23693	29.27 1.54 0.00	33.82 1.59 0.00	29.34 1.31 0.00	27.22 1.05 0.00	29.25 1.18 0.00	33.46 1.21 0.00	37.66 1.37 0.00	45.91 1.90 0.00	28.96 1.31 0.00	25.15 1.15 0.00	23.24 1.36 0.00	20.74 1.25 0.00	20.51 1.28 0.00	23.93 1.82 0.53	26.34 1.73 0.00	33.13 2.12 0.00	40.65 2.53 0.09	39.36 2.79 1.38	40.73 2.66 0.07	37.86 2.33 0.00	41.70 2.81 0.00	35.96 2.35 0.00	34.82 2.12 0.60	32.10 1.74 0.00
HOLTSVILLE_IC_5 23694	29.27 1.54 0.00	33.82 1.59 0.00	29.34 1.31 0.00	27.22 1.05 0.00	29.25 1.18 0.00	33.46 1.21 0.00	37.66 1.37 0.00	45.91 1.90 0.00	28.96 1.31 0.00	25.15 1.15 0.00	23.24 1.36 0.00	20.74 1.25 0.00	20.51 1.28 0.00	23.93 1.82 0.53	26.34 1.73 0.00	33.13 2.12 0.00	40.65 2.53 0.09	39.36 2.79 1.38	40.73 2.66 0.07	37.86 2.33 0.00	41.70 2.81 0.00	35.96 2.35 0.00	34.82 2.12 0.60	32.10 1.74 0.00
HOLTSVILLE_IC_6 23695	29.38 1.65 0.00	33.95 1.71 0.00	29.45 1.42 0.00	27.31 1.14 0.00	29.35 1.28 0.00	33.58 1.34 0.00	37.80 1.51 0.00	46.09 2.08 0.00	29.06 1.42 0.00	25.24 1.23 0.00	23.32 1.43 0.00	20.81 1.32 0.00	20.57 1.35 0.00	24.06 1.92 0.49	26.46 1.85 0.00	33.31 2.29 0.00	40.89 2.77 0.08	39.69 3.03 1.29	40.98 2.90 0.07	38.07 2.54 0.00	41.93 3.04 0.00	36.15 2.54 0.00	35.02 2.28 0.56	32.25 1.88 0.00
HOLTSVILLE_IC_7 23696	29.38 1.65 0.00	33.95 1.71 0.00	29.45 1.42 0.00	27.31 1.14 0.00	29.35 1.28 0.00	33.58 1.34 0.00	37.80 1.51 0.00	46.09 2.08 0.00	29.06 1.42 0.00	25.24 1.23 0.00	23.32 1.43 0.00	20.81 1.32 0.00	20.57 1.35 0.00	24.06 1.92 0.49	26.46 1.85 0.00	33.31 2.29 0.00	40.89 2.77 0.08	39.69 3.03 1.29	40.98 2.90 0.07	38.07 2.54 0.00	41.93 3.04 0.00	36.15 2.54 0.00	35.02 2.28 0.56	32.25 1.88 0.00
HOLTSVILLE_IC_8 23697	29.38 1.65 0.00	33.95 1.71 0.00	29.45 1.42 0.00	27.31 1.14 0.00	29.35 1.28 0.00	33.58 1.34 0.00	37.80 1.51 0.00	46.09 2.08 0.00	29.06 1.42 0.00	25.24 1.23 0.00	23.32 1.43 0.00	20.81 1.32 0.00	20.57 1.35 0.00	24.06 1.92 0.49	26.46 1.85 0.00	33.31 2.29 0.00	40.89 2.77 0.08	39.69 3.03 1.29	40.98 2.90 0.07	38.07 2.54 0.00	41.93 3.04 0.00	36.15 2.54 0.00	35.02 2.28 0.56	32.25 1.88 0.00
HOLTSVILLE_IC_9 23698	29.38 1.65 0.00	33.95 1.71 0.00	29.45 1.42 0.00	27.31 1.14 0.00	29.35 1.28 0.00	33.58 1.34 0.00	37.80 1.51 0.00	46.09 2.08 0.00	29.06 1.42 0.00	25.24 1.23 0.00	23.32 1.43 0.00	20.81 1.32 0.00	20.57 1.35 0.00	24.06 1.92 0.49	26.46 1.85 0.00	33.31 2.29 0.00	40.89 2.77 0.08	39.69 3.03 1.29	40.98 2.90 0.07	38.07 2.54 0.00	41.93 3.04 0.00	36.15 2.54 0.00	35.02 2.28 0.56	32.25 1.88 0.00
HOMER_HL_115KV_TB2 355744	28.52 0.79 0.00	33.55 1.32 0.00	29.17 1.14 0.00	27.34 1.17 0.00	29.36 1.28 0.00	33.44 1.20 0.00	36.61 0.32 0.00	44.05 0.04 0.00	28.12 0.47 0.00	24.97 0.96 0.00	22.83 0.94 0.00	20.28 0.79 0.00	19.72 0.49 0.00	23.05 0.42 0.00	24.88 0.27 0.00	30.97 -0.04 0.00	38.44 0.24 0.00	37.38 -0.57 0.00	37.05 -1.10 0.00	34.61 -0.92 0.00	37.47 -1.42 0.00	32.41 -1.11 0.09	32.66 -0.64 0.00	30.38 0.02 0.00
HOWARD_WT_PWR 323690	27.56 -0.17 0.00	32.71 0.48 0.00	28.43 0.40 0.00	26.54 0.37 0.00	28.48 0.40 0.00	32.92 0.68 0.00	36.78 0.49 0.00	44.41 0.40 0.00	28.08 0.43 0.00	24.45 0.45 0.00	22.12 0.23 0.00	19.59 0.09 0.00	19.09 -0.15 0.00	22.50 -0.14 0.00	24.43 -0.18 0.00	30.71 -0.31 0.00	38.15 -0.06 0.00	36.98 -0.97 0.00	35.85 -2.29 0.00	32.95 -2.57 0.00	35.55 -3.34 0.18	30.44 -2.99 0.00	30.32 -2.97 0.00	28.19 -2.17 0.00



HQ_GEN_CEDARS 23644	26.29 -1.44 0.00	30.74 -1.49 0.00	26.69 -1.34 0.00	24.98 -1.19 0.00	26.54 -1.54 0.00	30.74 -1.50 0.00	34.92 -1.36 0.00	41.72 -2.29 0.00	26.35 -1.29 0.00	22.99 -1.02 0.00	20.70 -1.19 0.00	18.48 -1.01 0.00	18.12 -1.12 0.00	21.40 -1.23 0.00	24.05 -0.57 0.00	30.07 -0.95 0.00	36.95 -1.26 0.00	37.31 -0.64 0.00	38.43 0.29 0.00	36.40 0.87 0.00	39.87 0.98 0.00	34.40 0.79 0.00	33.67 0.37 0.00	30.47 0.10 0.00
HQ_GEN_CEDARS_PROXY 323590	26.29 -1.44 0.00	30.74 -1.49 0.00	26.69 -1.34 0.00	24.98 -1.19 0.00	26.54 -1.54 0.00	30.74 -1.50 0.00	34.92 -1.36 0.00	41.72 -2.29 0.00	26.36 -1.29 0.00	22.99 -1.01 0.00	20.70 -1.19 0.00	18.48 -1.01 0.00	18.13 -1.11 0.00	21.40 -1.23 0.00	24.05 -0.57 0.00	30.08 -0.94 0.00	36.95 -1.26 0.00	37.32 -0.64 0.00	38.44 0.29 0.00	36.40 0.87 0.00	39.87 0.98 0.00	34.40 0.79 0.00	33.67 0.37 0.00	30.47 0.10 0.00
HQ_GEN_IMPORT 323601	27.73 0.00 0.00	32.23 0.00 0.00	28.03 0.00 0.00	26.17 0.00 0.00	28.08 0.00 0.00	32.24 0.00 0.00	36.29 0.00 0.00	44.01 0.00 0.00	27.65 0.00 0.00	24.01 0.00 0.00	21.89 0.00 0.00	19.49 0.00 0.00	19.23 0.00 0.00	22.64 0.00 0.00	24.61 0.00 0.00	31.01 0.00 0.00	38.21 0.00 0.00	37.95 0.00 0.00	38.14 0.00 0.00	35.53 0.00 0.00	38.89 0.00 0.00	33.61 0.00 0.00	33.30 0.00 0.00	30.37 0.00 0.00
HQ_GEN_WHEEL 23651	27.73 0.00 0.00	32.23 0.00 0.00	28.03 0.00 0.00	26.17 0.00 0.00	28.08 0.00 0.00	32.24 0.00 0.00	36.29 0.00 0.00	44.01 0.00 0.00	27.65 0.00 0.00	24.01 0.00 0.00	21.89 0.00 0.00	19.49 0.00 0.00	19.23 0.00 0.00	22.64 0.00 0.00	24.61 0.00 0.00	31.01 0.00 0.00	38.21 0.00 0.00	37.95 0.00 0.00	38.14 0.00 0.00	35.53 0.00 0.00	38.89 0.00 0.00	33.61 0.00 0.00	33.30 0.00 0.00	30.37 0.00 0.00
HUDSON_AVE_GT_3 23810	29.24 1.51 0.00	33.83 1.60 0.00	29.42 1.39 0.00	27.39 1.22 0.00	29.47 1.39 0.00	33.78 1.53 0.00	37.98 1.69 0.00	46.27 2.26 0.00	29.15 1.51 0.00	25.49 1.49 0.00	23.40 1.51 0.00	20.82 1.33 0.00	20.56 1.33 0.00	24.20 1.56 0.00	26.18 1.57 0.00	32.93 1.91 0.00	40.50 2.29 0.00	40.39 2.44 0.00	40.60 2.46 0.00	37.80 2.28 0.00	41.43 2.55 0.00	35.81 2.20 0.00	35.34 2.04 0.00	32.12 1.76 0.00
HUDSON_AVE_GT_4 23540	29.24 1.51 0.00	33.83 1.60 0.00	29.42 1.39 0.00	27.39 1.22 0.00	29.47 1.39 0.00	33.78 1.53 0.00	37.98 1.69 0.00	46.27 2.26 0.00	29.15 1.51 0.00	25.49 1.49 0.00	23.40 1.51 0.00	20.82 1.33 0.00	20.56 1.33 0.00	24.20 1.56 0.00	26.18 1.57 0.00	32.93 1.91 0.00	40.50 2.29 0.00	40.39 2.44 0.00	40.60 2.46 0.00	37.80 2.28 0.00	41.43 2.55 0.00	35.81 2.20 0.00	35.34 2.04 0.00	32.12 1.76 0.00
HUDSON_AVE_GT_5 23657	29.24 1.51 0.00	33.83 1.60 0.00	29.42 1.39 0.00	27.39 1.22 0.00	29.47 1.39 0.00	33.78 1.53 0.00	37.98 1.69 0.00	46.27 2.26 0.00	29.15 1.51 0.00	25.49 1.49 0.00	23.40 1.51 0.00	20.82 1.33 0.00	20.56 1.33 0.00	24.20 1.56 0.00	26.18 1.57 0.00	32.93 1.91 0.00	40.50 2.29 0.00	40.39 2.44 0.00	40.60 2.46 0.00	37.80 2.28 0.00	41.43 2.55 0.00	35.81 2.20 0.00	35.34 2.04 0.00	32.12 1.76 0.00
HUDSON_AVE_10 24168	29.06 1.33 0.00	33.63 1.40 0.00	29.25 1.22 0.00	27.24 1.07 0.00	29.31 1.23 0.00	33.59 1.35 0.00	37.78 1.49 0.00	46.02 2.01 0.00	29.00 1.36 0.00	25.37 1.36 0.00	23.29 1.40 0.00	20.71 1.22 0.00	20.46 1.22 0.00	24.07 1.44 0.00	26.04 1.43 0.00	32.74 1.73 0.00	40.30 2.09 0.00	40.18 2.23 0.00	40.40 2.25 0.00	37.62 2.09 0.00	41.27 2.38 0.00	35.66 2.05 0.00	35.20 1.91 0.00	31.99 1.63 0.00
HUDSON___115KV_TB 4 355613	28.39 0.66 0.00	33.00 0.77 0.00	28.68 0.64 0.00	26.79 0.62 0.00	28.72 0.65 0.00	33.02 0.77 0.00	37.28 1.00 0.00	45.31 1.30 0.00	28.27 0.62 0.00	24.35 0.34 0.00	22.06 0.17 0.00	19.68 0.19 0.00	19.50 0.26 0.00	23.09 0.45 0.00	25.30 0.69 0.00	32.10 1.09 0.00	39.67 1.47 0.00	39.52 1.57 0.00	39.71 1.57 0.00	36.97 1.44 0.00	40.44 1.55 0.00	34.88 1.27 0.00	34.35 1.05 0.00	31.26 0.89 0.00
HUNTER MOUNT___DRP 323613	28.48 0.74 0.00	33.12 0.89 0.00	28.77 0.73 0.00	26.89 0.72 0.00	28.82 0.74 0.00	33.15 0.91 0.00	37.46 1.17 0.00	45.52 1.51 0.00	28.36 0.72 0.00	24.35 0.34 0.00	22.03 0.15 0.00	19.66 0.17 0.00	19.48 0.25 0.00	23.10 0.46 0.00	25.37 0.76 0.00	32.24 1.23 0.00	39.91 1.70 0.00	39.74 1.79 0.00	39.93 1.78 0.00	37.15 1.62 0.00	40.62 1.73 0.00	35.00 1.40 0.00	34.45 1.16 0.00	31.36 1.00 0.00
HUNTINGTON_RES_REC 323705	29.23 1.50 0.00	33.77 1.54 0.00	29.31 1.27 0.00	27.20 1.03 0.00	29.20 1.13 0.00	33.39 1.14 0.00	37.58 1.29 0.00	45.81 1.80 0.00	28.92 1.27 0.00	25.13 1.12 0.00	23.20 1.31 0.00	20.69 1.21 0.00	20.45 1.22 0.00	23.88 1.74 0.49	26.26 1.66 0.00	33.02 2.01 0.00	40.53 2.40 0.08	39.32 2.66 1.29	40.66 2.58 0.07	37.76 2.23 0.00	41.57 2.69 0.00	35.86 2.26 0.00	34.76 2.02 0.56	32.03 1.67 0.00
HUNTLEY___63 23557	27.50 -0.24 0.00	32.26 0.03 0.00	28.01 -0.03 0.00	26.26 0.09 0.00	28.00 -0.08 0.00	32.17 -0.07 0.00	35.33 -0.96 0.00	41.96 -2.05 0.00	26.91 -0.74 0.00	23.62 -0.38 0.00	21.53 -0.35 0.00	19.19 -0.31 0.00	18.70 -0.54 0.00	21.81 -0.82 0.00	23.37 -1.24 0.00	29.12 -1.89 0.00	36.36 -1.85 0.00	35.41 -2.54 0.00	35.04 -3.10 0.00	32.76 -2.77 0.00	35.36 -3.53 0.00	30.39 -3.15 0.06	30.52 -2.78 0.00	28.78 -1.58 0.00
HUNTLEY___64 23558	27.50 -0.24 0.00	32.26 0.03 0.00	28.01 -0.03 0.00	26.26 0.09 0.00	28.00 -0.08 0.00	32.17 -0.07 0.00	35.33 -0.96 0.00	41.96 -2.05 0.00	26.91 -0.74 0.00	23.62 -0.38 0.00	21.53 -0.35 0.00	19.19 -0.31 0.00	18.70 -0.54 0.00	21.81 -0.82 0.00	23.37 -1.24 0.00	29.12 -1.89 0.00	36.36 -1.85 0.00	35.41 -2.54 0.00	35.04 -3.10 0.00	32.76 -2.77 0.00	35.36 -3.53 0.00	30.39 -3.15 0.06	30.52 -2.78 0.00	28.78 -1.58 0.00
HUNTLEY___65 23559	27.50 -0.24 0.00	32.26 0.03 0.00	28.01 -0.03 0.00	26.26 0.09 0.00	28.00 -0.08 0.00	32.17 -0.07 0.00	35.33 -0.96 0.00	41.96 -2.05 0.00	26.91 -0.74 0.00	23.62 -0.38 0.00	21.53 -0.35 0.00	19.19 -0.31 0.00	18.70 -0.54 0.00	21.81 -0.82 0.00	23.37 -1.24 0.00	29.12 -1.89 0.00	36.36 -1.85 0.00	35.41 -2.54 0.00	35.04 -3.10 0.00	32.76 -2.77 0.00	35.36 -3.53 0.00	30.39 -3.15 0.06	30.52 -2.78 0.00	28.78 -1.58 0.00
HUNTLEY___66 23560	27.50 -0.24 0.00	32.26 0.03 0.00	28.01 -0.03 0.00	26.26 0.09 0.00	28.00 -0.08 0.00	32.17 -0.07 0.00	35.33 -0.96 0.00	41.96 -2.05 0.00	26.91 -0.74 0.00	23.62 -0.38 0.00	21.53 -0.35 0.00	19.19 -0.31 0.00	18.70 -0.54 0.00	21.81 -0.82 0.00	23.37 -1.24 0.00	29.12 -1.89 0.00	36.36 -1.85 0.00	35.41 -2.54 0.00	35.04 -3.10 0.00	32.76 -2.77 0.00	35.36 -3.53 0.00	30.39 -3.15 0.06	30.52 -2.78 0.00	28.78 -1.58 0.00



HUNTLEY___67 23561	27.37 -0.36 0.00	32.10 -0.13 0.00	27.88 -0.15 0.00	26.15 -0.02 0.00	27.88 -0.19 0.00	32.04 -0.20 0.00	35.19 -1.10 0.00	41.86 -2.15 0.00	26.81 -0.83 0.00	23.55 -0.45 0.00	21.46 -0.43 0.00	19.12 -0.37 0.00	18.63 -0.60 0.00	21.75 -0.89 0.00	23.30 -1.31 0.00	29.05 -1.97 0.00	36.21 -2.00 0.00	35.24 -2.71 0.00	34.89 -3.26 0.00	32.61 -2.92 0.00	35.22 -3.67 0.00	30.26 -3.28 0.07	30.40 -2.90 0.00	28.63 -1.73 0.00
HUNTLEY___68 23562	27.37 -0.36 0.00	32.10 -0.13 0.00	27.88 -0.15 0.00	26.15 -0.02 0.00	27.88 -0.19 0.00	32.04 -0.20 0.00	35.19 -1.10 0.00	41.86 -2.15 0.00	26.81 -0.83 0.00	23.55 -0.45 0.00	21.46 -0.43 0.00	19.12 -0.37 0.00	18.63 -0.60 0.00	21.75 -0.89 0.00	23.30 -1.31 0.00	29.05 -1.97 0.00	36.21 -2.00 0.00	35.24 -2.71 0.00	34.89 -3.26 0.00	32.61 -2.92 0.00	35.22 -3.67 0.00	30.26 -3.28 0.07	30.40 -2.90 0.00	28.63 -1.73 0.00
HYLAND___LFG 323620	28.42 0.89 0.21	31.06 1.31 2.48	28.37 1.09 0.76	26.82 1.08 0.42	28.88 1.10 0.29	32.96 1.37 0.65	36.38 1.17 1.07	44.88 1.07 0.20	28.25 0.88 0.28	24.70 0.77 0.08	22.21 0.44 0.11	19.32 0.05 0.23	18.86 -0.21 0.17	22.18 -0.23 0.23	23.95 -0.31 0.34	30.51 -0.27 0.24	38.27 0.66 0.60	36.99 0.35 1.31	37.82 -0.23 0.09	35.09 -0.36 0.08	38.16 -0.73 0.00	32.68 -0.83 0.10	32.57 -0.72 0.00	30.12 -0.24 0.00
INDECK___CORINTH 23802	29.33 1.60 0.00	34.16 1.93 0.00	29.63 1.60 0.00	27.75 1.58 0.00	29.73 1.65 0.00	34.17 1.93 0.00	38.66 2.37 0.00	46.98 2.98 0.00	29.31 1.66 0.00	25.12 1.11 0.00	22.85 0.97 0.00	20.31 0.82 0.00	20.19 0.95 0.00	23.99 1.35 0.00	26.27 1.66 0.00	33.24 2.22 0.00	41.05 2.84 0.00	40.89 2.94 0.00	40.94 2.80 0.00	38.04 2.52 0.00	41.54 2.65 0.00	35.85 2.25 0.00	35.23 1.93 0.00	32.19 1.82 0.00
INDECK___ILION 23567	27.72 -0.01 0.00	32.22 -0.02 0.00	28.02 -0.02 0.00	26.17 0.00 0.00	28.10 0.02 0.00	32.27 0.03 0.00	36.45 0.16 0.00	44.28 0.27 0.00	27.63 -0.01 0.00	23.87 -0.13 0.00	21.75 -0.14 0.00	19.38 -0.11 0.00	19.17 -0.06 0.00	22.71 0.08 0.00	24.78 0.18 0.00	31.38 0.37 0.00	38.67 0.46 0.00	38.48 0.52 0.00	38.69 0.55 0.00	36.01 0.49 0.00	39.44 0.56 0.00	34.05 0.44 0.00	33.63 0.33 0.00	30.59 0.22 0.00
INDECK___OLEAN 23982	26.55 0.78 1.96	10.06 1.33 23.49	21.93 1.11 7.21	23.33 1.16 4.00	26.61 1.26 2.73	27.25 1.19 6.18	26.44 0.31 10.16	42.19 0.03 1.86	25.49 0.48 2.63	24.18 0.96 0.78	21.77 0.96 1.08	18.14 0.78 2.13	18.15 0.48 1.57	20.88 0.41 2.16	21.61 0.28 3.27	28.73 -0.04 2.25	32.78 0.24 5.67	24.99 -0.55 12.41	36.23 -1.10 0.82	33.86 -0.92 0.75	37.50 -1.39 0.00	32.42 -1.11 0.09	32.66 -0.64 0.00	30.38 0.02 0.00
INDECK___OSWEGO 23783	27.26 -0.48 0.00	31.70 -0.53 0.00	27.57 -0.47 0.00	25.75 -0.42 0.00	27.63 -0.45 0.00	31.73 -0.51 0.00	35.66 -0.63 0.00	43.20 -0.81 0.00	27.14 -0.50 0.00	23.56 -0.44 0.00	21.48 -0.40 0.00	19.13 -0.37 0.00	18.87 -0.36 0.00	22.13 -0.50 0.00	23.98 -0.63 0.00	30.21 -0.81 0.00	37.29 -0.92 0.00	36.97 -0.99 0.00	37.10 -1.04 0.00	34.53 -1.00 0.00	37.75 -1.14 0.00	32.63 -0.98 0.00	32.47 -0.82 0.00	29.61 -0.75 0.00
INDECK___YERKES 23781	26.24 -0.21 1.29	16.92 0.07 15.38	23.28 -0.03 4.72	23.64 0.09 2.62	26.22 -0.07 1.79	28.14 -0.05 4.05	28.68 -0.95 6.65	40.77 -2.02 1.22	25.22 -0.71 1.72	23.11 -0.37 0.51	20.87 -0.31 0.70	17.80 -0.30 1.39	17.67 -0.53 1.03	20.41 -0.81 1.42	21.25 -1.22 2.14	27.68 -1.87 1.47	32.68 -1.82 3.71	27.33 -2.50 8.13	34.53 -3.08 0.54	32.29 -2.75 0.49	35.41 -3.48 0.00	30.42 -3.13 0.06	30.53 -2.76 0.00	28.80 -1.56 0.00
INDIAN POINT_GT_1 24139	28.95 1.22 0.00	33.51 1.27 0.00	29.16 1.13 0.00	27.15 0.98 0.00	29.22 1.14 0.00	33.49 1.25 0.00	37.67 1.38 0.00	45.88 1.87 0.00	28.86 1.21 0.00	25.18 1.17 0.00	23.08 1.19 0.00	20.53 1.04 0.00	20.28 1.04 0.00	23.86 1.23 0.00	25.85 1.24 0.00	32.58 1.56 0.00	40.09 1.88 0.00	39.97 2.03 0.00	40.18 2.04 0.00	37.40 1.87 0.00	40.98 2.09 0.00	35.41 1.80 0.00	34.93 1.63 0.00	31.76 1.40 0.00
INDIAN POINT_GT_2 23659	28.95 1.22 0.00	33.51 1.27 0.00	29.16 1.13 0.00	27.15 0.98 0.00	29.22 1.14 0.00	33.49 1.25 0.00	37.67 1.38 0.00	45.88 1.87 0.00	28.86 1.21 0.00	25.18 1.17 0.00	23.08 1.19 0.00	20.53 1.04 0.00	20.28 1.04 0.00	23.86 1.23 0.00	25.85 1.24 0.00	32.58 1.56 0.00	40.09 1.88 0.00	39.97 2.03 0.00	40.18 2.04 0.00	37.40 1.87 0.00	40.98 2.09 0.00	35.41 1.80 0.00	34.93 1.63 0.00	31.76 1.40 0.00
INDIAN POINT_GT_3 24019	28.95 1.22 0.00	33.51 1.27 0.00	29.16 1.13 0.00	27.15 0.98 0.00	29.22 1.14 0.00	33.49 1.25 0.00	37.67 1.38 0.00	45.88 1.87 0.00	28.86 1.21 0.00	25.18 1.17 0.00	23.08 1.19 0.00	20.53 1.04 0.00	20.28 1.04 0.00	23.86 1.23 0.00	25.85 1.24 0.00	32.58 1.56 0.00	40.09 1.88 0.00	39.97 2.03 0.00	40.18 2.04 0.00	37.40 1.87 0.00	40.98 2.09 0.00	35.41 1.80 0.00	34.93 1.63 0.00	31.76 1.40 0.00
INDIAN POINT___2 23530	28.93 1.20 0.00	33.50 1.26 0.00	29.17 1.13 0.00	27.15 0.98 0.00	29.22 1.14 0.00	33.49 1.24 0.00	37.66 1.38 0.00	45.87 1.86 0.00	28.84 1.20 0.00	25.17 1.17 0.00	23.07 1.18 0.00	20.52 1.03 0.00	20.27 1.03 0.00	23.84 1.21 0.00	25.83 1.22 0.00	32.55 1.54 0.00	40.07 1.86 0.00	39.95 2.00 0.00	40.16 2.01 0.00	37.37 1.84 0.00	40.95 2.06 0.00	35.39 1.78 0.00	34.91 1.62 0.00	31.76 1.39 0.00
INDIAN POINT___3 23531	28.93 1.20 0.00	33.49 1.26 0.00	29.15 1.11 0.00	27.14 0.97 0.00	29.21 1.13 0.00	33.47 1.23 0.00	37.65 1.36 0.00	45.86 1.85 0.00	28.84 1.19 0.00	25.16 1.16 0.00	23.06 1.17 0.00	20.51 1.02 0.00	20.26 1.03 0.00	23.84 1.20 0.00	25.83 1.22 0.00	32.54 1.53 0.00	40.05 1.84 0.00	39.94 1.99 0.00	40.14 2.00 0.00	37.36 1.84 0.00	40.94 2.06 0.00	35.38 1.76 0.00	34.90 1.61 0.00	31.73 1.37 0.00
INGHAM_C_115KV_TB7 356103	27.61 -0.12 0.00	32.06 -0.17 0.00	27.88 -0.15 0.00	26.06 -0.11 0.00	28.01 -0.07 0.00	32.18 -0.06 0.00	36.51 0.22 0.00	44.47 0.46 0.00	27.47 -0.17 0.00	23.53 -0.48 0.00	21.41 -0.48 0.00	19.10 -0.39 0.00	18.98 -0.25 0.00	22.69 0.06 0.00	24.82 0.21 0.00	31.67 0.65 0.00	39.05 0.84 0.00	38.93 0.98 0.00	39.12 0.98 0.00	36.35 0.82 0.00	39.81 0.92 0.00	34.33 0.71 0.00	33.81 0.52 0.00	30.68 0.32 0.00
IP CORINTH___1 23988	29.34 1.61 0.00	34.16 1.93 0.00	29.63 1.60 0.00	27.75 1.58 0.00	29.73 1.65 0.00	34.17 1.93 0.00	38.66 2.37 0.00	46.98 2.97 0.00	29.31 1.66 0.00	25.12 1.11 0.00	22.85 0.97 0.00	20.31 0.82 0.00	20.19 0.95 0.00	23.99 1.35 0.00	26.27 1.66 0.00	33.24 2.22 0.00	41.05 2.84 0.00	40.89 2.94 0.00	40.94 2.80 0.00	38.04 2.52 0.00	41.54 2.65 0.00	35.86 2.24 0.00	35.23 1.93 0.00	32.19 1.82 0.00



IP___TICONDEROGA 23804	30.38 2.65 0.00	35.56 3.33 0.00	30.71 2.67 0.00	29.08 2.91 0.00	31.00 2.92 0.00	35.65 3.41 0.00	40.56 4.27 0.00	49.30 5.29 0.00	30.50 2.85 0.00	25.66 1.65 0.00	23.43 1.55 0.00	20.87 1.38 0.00	20.96 1.73 0.00	25.12 2.49 0.00	27.48 2.87 0.00	34.68 3.66 0.00	43.05 4.84 0.00	43.10 5.15 0.00	42.74 4.59 0.00	39.47 3.94 0.00	42.93 4.04 0.00	37.20 3.59 0.00	36.21 2.91 0.00	33.41 3.04 0.00
ISLIP_RES_REC 323679	29.46 1.73 0.00	34.03 1.80 0.00	29.52 1.49 0.00	27.38 1.22 0.00	29.43 1.35 0.00	33.67 1.43 0.00	37.91 1.62 0.00	46.22 2.21 0.00	29.14 1.49 0.00	25.30 1.29 0.00	23.37 1.48 0.00	20.85 1.36 0.00	20.62 1.39 0.00	24.15 1.98 0.46	26.54 1.93 0.00	33.41 2.39 0.00	41.05 2.92 0.08	39.93 3.20 1.23	41.14 3.06 0.06	38.22 2.69 0.00	42.08 3.19 0.00	36.27 2.66 0.00	35.16 2.39 0.52	32.34 1.98 0.00
JAMAICA__27_KV_LOAD 355505	29.06 1.33 0.00	33.60 1.37 0.00	29.25 1.21 0.00	27.22 1.05 0.00	29.30 1.23 0.00	33.59 1.35 0.00	37.80 1.51 0.00	46.04 2.03 0.00	29.01 1.36 0.00	25.39 1.39 0.00	23.30 1.41 0.00	20.73 1.24 0.00	20.48 1.25 0.00	24.09 1.46 0.00	26.03 1.42 0.00	32.74 1.72 0.00	40.33 2.13 0.00	40.25 2.29 0.00	40.47 2.33 0.00	37.67 2.14 0.00	41.42 2.53 0.00	35.80 2.19 0.00	35.39 2.09 0.00	32.14 1.78 0.00
JANIS___SOLAR 323808	29.25 1.19 -0.33	37.57 1.44 -3.90	30.49 1.26 -1.20	28.07 1.24 -0.66	29.87 1.34 -0.45	34.87 1.60 -1.03	39.82 1.85 -1.69	46.65 2.34 -0.31	29.46 1.38 -0.44	25.01 0.88 -0.13	22.70 0.63 -0.18	20.40 0.55 -0.35	20.06 0.56 -0.26	23.67 0.67 -0.36	25.92 0.77 -0.54	32.71 1.32 -0.37	41.21 2.06 -0.94	41.99 1.98 -2.06	40.02 1.74 -0.14	37.00 1.35 -0.12	40.16 1.27 0.00	34.89 1.12 -0.16	34.44 1.14 0.00	31.32 0.96 0.00
JARVIS____ 23743	27.73 0.00 0.00	32.23 0.00 0.00	28.03 0.00 0.00	26.17 0.00 0.00	28.08 0.00 0.00	32.24 0.00 0.00	36.32 0.03 0.00	44.04 0.03 0.00	27.65 0.00 0.00	24.01 0.00 0.00	21.88 0.00 0.00	19.49 0.00 0.00	19.23 0.00 0.00	22.65 0.01 0.00	24.66 0.05 0.00	31.09 0.07 0.00	38.29 0.08 0.00	38.05 0.09 0.00	38.26 0.12 0.00	35.65 0.12 0.00	39.05 0.16 0.00	33.75 0.14 0.00	33.39 0.10 0.00	30.42 0.05 0.00
JENNISON___1 23625	28.74 1.01 0.00	33.48 1.25 0.00	29.19 1.15 0.00	27.38 1.21 0.00	29.43 1.36 0.00	33.85 1.60 0.00	38.27 1.97 0.00	46.62 2.61 0.00	29.29 1.64 0.00	25.33 1.32 0.00	22.96 1.08 0.00	20.44 0.95 0.00	20.16 0.93 0.00	23.73 1.09 0.00	25.85 1.24 0.00	32.72 1.71 0.00	40.53 2.32 0.00	40.21 2.26 0.00	40.18 2.04 0.00	37.03 1.50 0.00	40.09 1.20 0.00	34.81 1.16 -0.05	34.51 1.21 0.00	31.30 0.93 0.00
JENNISON___2 23626	28.74 1.01 0.00	33.48 1.25 0.00	29.19 1.15 0.00	27.38 1.21 0.00	29.43 1.36 0.00	33.85 1.60 0.00	38.27 1.97 0.00	46.62 2.61 0.00	29.29 1.64 0.00	25.33 1.32 0.00	22.96 1.08 0.00	20.44 0.95 0.00	20.16 0.93 0.00	23.73 1.09 0.00	25.85 1.24 0.00	32.72 1.71 0.00	40.53 2.32 0.00	40.21 2.26 0.00	40.18 2.04 0.00	37.03 1.50 0.00	40.09 1.20 0.00	34.81 1.16 -0.05	34.51 1.21 0.00	31.30 0.93 0.00
JERICHO_RISE_WT_PWR 323719	25.88 -1.86 0.00	30.47 -1.76 0.00	26.35 -1.68 0.00	24.67 -1.49 0.00	26.20 -1.88 0.00	30.21 -2.03 0.00	34.65 -1.64 0.00	41.52 -2.49 0.00	26.16 -1.49 0.00	22.89 -1.12 0.00	20.56 -1.32 0.00	18.40 -1.09 0.00	18.05 -1.19 0.00	21.42 -1.21 0.00	24.15 -0.46 0.00	30.19 -0.83 0.00	36.85 -1.36 0.00	37.38 -0.57 0.00	38.57 0.43 0.00	36.53 1.00 0.00	39.99 1.11 0.00	34.60 0.99 0.00	33.80 0.51 0.00	30.53 0.17 0.00
KATONAH___115KV_46KV_TB4 355592	29.14 1.41 0.00	33.70 1.47 0.00	29.32 1.29 0.00	27.30 1.13 0.00	29.36 1.29 0.00	33.67 1.43 0.00	37.89 1.60 0.00	46.13 2.12 0.00	29.03 1.39 0.00	25.32 1.32 0.00	23.21 1.33 0.00	20.66 1.17 0.00	20.40 1.17 0.00	24.00 1.36 0.00	26.00 1.39 0.00	32.76 1.75 0.00	40.33 2.13 0.00	40.23 2.28 0.00	40.45 2.31 0.00	37.65 2.12 0.00	41.23 2.34 0.00	35.61 2.00 0.00	35.10 1.81 0.00	31.91 1.55 0.00
KCE_NY_1 323755	28.99 1.26 0.00	33.73 1.50 0.00	29.27 1.24 0.00	27.37 1.20 0.00	29.34 1.27 0.00	33.71 1.47 0.00	38.06 1.78 0.00	46.25 2.24 0.00	28.85 1.21 0.00	24.86 0.85 0.00	22.61 0.73 0.00	20.13 0.63 0.00	19.95 0.72 0.00	23.70 1.06 0.00	25.95 1.34 0.00	32.84 1.83 0.00	40.43 2.23 0.00	40.22 2.27 0.00	40.36 2.22 0.00	37.57 2.04 0.00	41.13 2.24 0.00	35.48 1.87 0.00	34.93 1.64 0.00	31.88 1.51 0.00
KCE_NY_6_ESR 323823	26.44 0.12 1.41	15.77 0.47 16.94	23.16 0.32 5.20	23.72 0.43 2.88	26.41 0.30 1.97	28.16 0.37 4.45	28.53 -0.43 7.32	41.41 -1.26 1.34	25.44 -0.31 1.90	23.45 0.01 0.57	21.13 0.02 0.78	17.95 -0.01 1.53	17.84 -0.26 1.13	20.62 -0.46 1.56	21.44 -0.81 2.36	28.09 -1.31 1.62	32.96 -1.17 4.09	27.06 -1.94 8.95	34.96 -2.59 0.59	32.62 -2.37 0.54	35.86 -3.03 0.00	30.79 -2.75 0.07	30.92 -2.38 0.00	29.06 -1.31 0.00
KEDC_PORT_JEFF_GT2 24210	29.36 1.63 0.00	33.92 1.69 0.00	29.43 1.39 0.00	27.29 1.12 0.00	29.33 1.26 0.00	33.55 1.31 0.00	37.77 1.48 0.00	46.05 2.04 0.00	29.05 1.40 0.00	25.23 1.22 0.00	23.31 1.42 0.00	20.80 1.31 0.00	20.57 1.34 0.00	24.03 1.90 0.50	26.44 1.84 0.00	33.28 2.27 0.00	40.87 2.75 0.08	39.65 3.02 1.33	40.98 2.91 0.07	38.07 2.54 0.00	41.91 3.03 0.00	36.14 2.53 0.00	35.00 2.28 0.57	32.24 1.88 0.00
KEDC_PORT_JEFF_GT3 24211	29.36 1.63 0.00	33.92 1.69 0.00	29.43 1.39 0.00	27.29 1.12 0.00	29.33 1.26 0.00	33.55 1.31 0.00	37.77 1.48 0.00	46.05 2.04 0.00	29.05 1.40 0.00	25.23 1.22 0.00	23.31 1.42 0.00	20.80 1.31 0.00	20.57 1.34 0.00	24.03 1.90 0.50	26.44 1.84 0.00	33.28 2.27 0.00	40.87 2.75 0.08	39.65 3.02 1.33	40.98 2.91 0.07	38.07 2.54 0.00	41.91 3.03 0.00	36.14 2.53 0.00	35.00 2.28 0.57	32.24 1.88 0.00
KEDC_GLWD_GT4 24219	29.27 1.54 0.00	33.85 1.62 0.00	29.43 1.39 0.00	27.36 1.19 0.00	29.42 1.35 0.00	33.69 1.45 0.00	37.90 1.61 0.00	46.17 2.16 0.00	29.09 1.45 0.00	25.36 1.36 0.00	23.33 1.44 0.00	20.78 1.29 -0.01	20.55 1.31 -0.01	25.43 1.65 -1.14	26.21 1.60 0.00	32.97 1.96 0.00	40.75 2.36 -0.18	43.35 2.59 -2.80	40.85 2.56 -0.15	37.82 2.29 0.00	41.51 2.62 0.00	35.85 2.23 -0.01	36.66 2.08 -1.29	32.11 1.74 -0.01
KEDC_GLWD_GT5 24220	29.27 1.54 0.00	33.85 1.62 0.00	29.43 1.39 0.00	27.36 1.19 0.00	29.42 1.35 0.00	33.69 1.45 0.00	37.90 1.61 0.00	46.17 2.16 0.00	29.09 1.45 0.00	25.36 1.36 0.00	23.33 1.44 0.00	20.78 1.29 -0.01	20.55 1.31 -0.01	25.43 1.65 -1.14	26.21 1.60 0.00	32.97 1.96 0.00	40.75 2.36 -0.18	43.35 2.59 -2.80	40.85 2.56 -0.15	37.82 2.29 0.00	41.51 2.62 0.00	35.85 2.23 -0.01	36.66 2.08 -1.29	32.11 1.74 -0.01



KENSICO____ 23655	29.02 1.29 0.00	33.59 1.36 0.00	29.22 1.19 0.00	27.20 1.04 0.00	29.27 1.20 0.00	33.55 1.31 0.00	37.74 1.45 0.00	45.96 1.95 0.00	28.92 1.28 0.00	25.24 1.24 0.00	23.15 1.26 0.00	20.60 1.11 0.00	20.35 1.11 0.00	23.94 1.30 0.00	25.93 1.33 0.00	32.66 1.65 0.00	40.19 1.98 0.00	40.07 2.12 0.00	40.27 2.13 0.00	37.50 1.97 0.00	41.08 2.19 0.00	35.49 1.88 0.00	35.01 1.71 0.00	31.84 1.47 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.25 1.51 0.00	33.87 1.64 0.00	29.47 1.44 0.00	27.45 1.28 0.00	29.54 1.46 0.00	33.90 1.65 0.00	38.15 1.85 0.00	46.43 2.42 0.00	29.16 1.51 0.00	25.34 1.33 0.00	23.15 1.26 0.00	20.57 1.08 0.00	20.31 1.08 0.00	23.92 1.29 0.00	25.92 1.31 0.00	32.80 1.78 0.00	40.51 2.30 0.00	40.42 2.47 0.00	40.64 2.50 0.00	37.81 2.29 0.00	41.39 2.51 0.00	35.72 2.11 0.00	35.24 1.95 0.00	32.03 1.66 0.00
KIAC_JFK_GT1 23816	28.90 1.17 0.00	33.41 1.18 0.00	29.08 1.05 0.00	27.07 0.90 0.00	29.13 1.05 0.00	33.40 1.16 0.00	37.58 1.29 0.00	45.78 1.78 0.00	28.84 1.20 0.00	25.26 1.25 0.00	23.17 1.29 0.00	20.62 1.13 0.00	20.37 1.13 0.00	23.97 1.33 0.00	25.86 1.25 0.00	32.43 1.41 0.00	39.94 1.73 0.00	39.85 1.90 0.00	40.07 1.92 0.00	37.31 1.79 0.00	41.16 2.27 0.00	35.59 1.99 0.00	35.19 1.90 0.00	31.97 1.60 0.00
KIAC_JFK_GT2 23817	28.90 1.17 0.00	33.41 1.18 0.00	29.08 1.05 0.00	27.07 0.90 0.00	29.13 1.05 0.00	33.40 1.16 0.00	37.58 1.29 0.00	45.78 1.78 0.00	28.84 1.20 0.00	25.26 1.25 0.00	23.17 1.29 0.00	20.62 1.13 0.00	20.37 1.13 0.00	23.97 1.33 0.00	25.86 1.25 0.00	32.43 1.41 0.00	39.94 1.73 0.00	39.85 1.90 0.00	40.07 1.92 0.00	37.31 1.79 0.00	41.16 2.27 0.00	35.59 1.99 0.00	35.19 1.90 0.00	31.97 1.60 0.00
KIAC_JFK____ 323774	28.89 1.16 0.00	33.41 1.18 0.00	29.09 1.05 0.00	27.07 0.90 0.00	29.13 1.06 0.00	33.40 1.16 0.00	37.58 1.29 0.00	45.78 1.78 0.00	28.84 1.19 0.00	25.26 1.25 0.00	23.17 1.28 0.00	20.62 1.13 0.00	20.37 1.14 0.00	23.97 1.33 0.00	25.86 1.25 0.00	32.43 1.41 0.00	39.93 1.73 0.00	39.85 1.90 0.00	40.07 1.93 0.00	37.31 1.78 0.00	41.16 2.28 0.00	35.59 1.99 0.00	35.19 1.90 0.00	31.97 1.60 0.00
KINTIGH____ 23543	27.01 -0.73 0.00	31.61 -0.62 0.00	27.48 -0.56 0.00	25.76 -0.41 0.00	27.50 -0.58 0.00	31.59 -0.66 0.00	34.81 -1.48 0.00	41.55 -2.46 0.00	26.54 -1.11 0.00	23.28 -0.73 0.00	21.22 -0.66 0.00	18.90 -0.59 0.00	18.46 -0.78 0.00	21.56 -1.08 0.00	23.15 -1.46 0.00	28.90 -2.11 0.00	35.97 -2.24 0.00	35.13 -2.82 0.00	34.95 -3.19 0.00	32.67 -2.86 0.00	35.37 -3.51 0.00	30.44 -3.12 0.05	30.54 -2.76 0.00	28.58 -1.79 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	26.29 -1.44 0.00	30.99 -1.24 0.00	26.77 -1.26 0.00	25.09 -1.08 0.00	26.65 -1.42 0.00	30.75 -1.49 0.00	35.24 -1.04 0.00	42.30 -1.71 0.00	26.56 -1.09 0.00	23.19 -0.81 0.00	20.81 -1.07 0.00	18.64 -0.85 0.00	18.29 -0.95 0.00	21.77 -0.87 0.00	24.53 -0.08 0.00	30.69 -0.33 0.00	37.51 -0.70 0.00	37.98 0.03 0.00	39.17 1.03 0.00	37.08 1.55 0.00	40.57 1.68 0.00	35.15 1.54 0.00	34.27 0.97 0.00	31.00 0.64 0.00
LACHUTE__HYDRO 323717	30.38 2.65 0.00	35.56 3.33 0.00	30.71 2.67 0.00	29.08 2.91 0.00	31.00 2.92 0.00	35.65 3.41 0.00	40.56 4.27 0.00	49.30 5.29 0.00	30.50 2.85 0.00	25.66 1.65 0.00	23.43 1.55 0.00	20.87 1.38 0.00	20.96 1.73 0.00	25.12 2.49 0.00	27.48 2.87 0.00	34.68 3.66 0.00	43.05 4.84 0.00	43.10 5.15 0.00	42.73 4.59 0.00	39.47 3.94 0.00	42.94 4.05 0.00	37.20 3.59 0.00	36.21 2.91 0.00	33.41 3.04 0.00
LAWRNCV_115KV_TB1 80681	26.53 -1.20 0.00	31.03 -1.21 0.00	26.95 -1.09 0.00	25.22 -0.95 0.00	26.82 -1.26 0.00	31.05 -1.19 0.00	35.27 -1.01 0.00	42.16 -1.85 0.00	26.58 -1.07 0.00	23.12 -0.88 0.00	20.81 -1.07 0.00	18.58 -0.91 0.00	18.25 -0.99 0.00	21.57 -1.07 0.00	24.22 -0.39 0.00	30.35 -0.67 0.00	37.33 -0.88 0.00	37.66 -0.29 0.00	38.72 0.57 0.00	36.63 1.11 0.00	40.13 1.24 0.00	34.60 0.99 0.00	33.80 0.51 0.00	30.54 0.17 0.00
LEDERLE____ 23769	29.05 1.31 0.00	33.62 1.39 0.00	29.28 1.24 0.00	27.25 1.09 0.00	29.34 1.27 0.00	33.62 1.38 0.00	37.81 1.52 0.00	46.06 2.05 0.00	28.95 1.31 0.00	25.27 1.26 0.00	23.15 1.26 0.00	20.59 1.10 0.00	20.34 1.10 0.00	23.92 1.29 0.00	25.93 1.32 0.00	32.69 1.67 0.00	40.25 2.04 0.00	40.14 2.19 0.00	40.33 2.19 0.00	37.54 2.01 0.00	41.13 2.24 0.00	35.53 1.92 0.00	35.06 1.76 0.00	31.88 1.51 0.00
LIGHTHSE_115KV_TB6 355974	27.63 -0.11 0.00	32.17 -0.06 0.00	28.00 -0.03 0.00	26.16 -0.01 0.00	28.06 -0.02 0.00	32.26 0.02 0.00	36.20 -0.09 0.00	43.81 -0.20 0.00	27.47 -0.18 0.00	23.80 -0.20 0.00	21.66 -0.23 0.00	19.29 -0.20 0.00	19.09 -0.14 0.00	22.44 -0.19 0.00	24.43 -0.18 0.00	30.77 -0.25 0.00	38.01 -0.20 0.00	37.63 -0.32 0.00	37.86 -0.29 0.00	35.24 -0.29 0.00	38.65 -0.24 0.00	33.34 -0.27 0.00	32.90 -0.40 0.00	29.83 -0.54 0.00
LINDEN COGEN____ 23786	29.14 1.41 0.00	33.70 1.47 0.00	29.34 1.31 0.00	27.31 1.14 0.00	29.39 1.31 0.00	33.67 1.43 0.00	37.87 1.58 0.00	46.12 2.11 0.00	29.05 1.41 0.00	25.41 1.41 0.00	23.31 1.43 0.00	20.72 1.23 0.00	20.47 1.24 0.00	24.08 1.45 0.00	26.05 1.45 0.00	32.79 1.77 0.00	40.34 2.13 0.00	40.23 2.28 0.00	40.44 2.30 0.00	37.65 2.12 0.00	41.28 2.39 0.00	35.68 2.07 0.00	35.22 1.92 0.00	32.00 1.64 0.00
LINDHRST_69_KV_BK1 356055	29.48 1.75 0.00	34.08 1.85 0.00	29.57 1.54 0.00	27.45 1.28 0.00	29.51 1.43 0.00	33.75 1.51 0.00	37.97 1.68 0.00	46.28 2.27 0.00	29.19 1.54 0.00	25.38 1.37 0.00	23.42 1.53 0.00	20.87 1.38 0.00	20.63 1.39 0.00	24.77 1.94 -0.19	26.48 1.87 0.00	33.31 2.29 0.00	40.96 2.75 0.00	41.02 3.07 0.00	41.10 2.95 0.00	38.15 2.62 0.00	41.96 3.07 0.00	36.20 2.59 0.00	35.88 2.38 -0.21	32.34 1.97 0.00
LIPA_MISC_IPP 23656	29.28 1.55 0.00	33.83 1.60 0.00	29.33 1.30 0.00	27.20 1.03 0.00	29.23 1.16 0.00	33.46 1.22 0.00	37.67 1.38 0.00	45.95 1.94 0.00	28.96 1.31 0.00	25.12 1.12 0.00	23.25 1.36 0.00	20.75 1.27 0.00	20.54 1.31 0.00	24.01 1.89 0.52	26.44 1.83 0.00	33.30 2.28 0.00	40.87 2.75 0.09	39.57 2.99 1.37	40.92 2.85 0.07	38.02 2.49 0.00	41.89 3.00 0.00	36.13 2.53 0.00	34.97 2.26 0.59	32.22 1.85 0.00
LISF__SOLAR 323691	29.33 1.59 0.00	33.87 1.64 0.00	29.37 1.34 0.00	27.23 1.06 0.00	29.27 1.20 0.00	33.50 1.26 0.00	37.73 1.44 0.00	46.01 2.00 0.00	28.98 1.34 0.00	25.14 1.13 0.00	23.25 1.36 0.00	20.76 1.27 0.00	20.55 1.32 0.00	24.02 1.90 0.51	26.46 1.86 0.00	33.35 2.34 0.00	40.94 2.82 0.09	39.68 3.08 1.35	40.99 2.92 0.07	38.10 2.57 0.00	41.98 3.10 0.00	36.19 2.59 0.00	35.04 2.33 0.58	32.25 1.89 0.00



LITTLE FALLS___HYD 24013	27.61 -0.12 0.00	32.06 -0.17 0.00	27.88 -0.15 0.00	26.06 -0.11 0.00	28.01 -0.07 0.00	32.18 -0.06 0.00	36.51 0.22 0.00	44.47 0.46 0.00	27.47 -0.17 0.00	23.53 -0.48 0.00	21.41 -0.48 0.00	19.10 -0.39 0.00	18.98 -0.25 0.00	22.69 0.06 0.00	24.82 0.21 0.00	31.67 0.65 0.00	39.05 0.84 0.00	38.93 0.98 0.00	39.12 0.98 0.00	36.35 0.82 0.00	39.81 0.92 0.00	34.33 0.71 0.00	33.81 0.52 0.00	30.68 0.32 0.00
LITTLRIV_115KV_TB1 356100	26.84 -0.89 0.00	31.39 -0.84 0.00	27.26 -0.77 0.00	25.50 -0.66 0.00	27.13 -0.95 0.00	31.42 -0.82 0.00	35.72 -0.56 0.00	42.67 -1.34 0.00	26.80 -0.85 0.00	23.21 -0.80 0.00	20.87 -1.02 0.00	18.64 -0.85 0.00	18.31 -0.92 0.00	21.67 -0.96 0.00	24.42 -0.18 0.00	30.74 -0.28 0.00	37.87 -0.35 0.00	38.22 0.27 0.00	39.29 1.14 0.00	37.16 1.64 0.00	40.70 1.81 0.00	35.05 1.44 0.00	34.22 0.92 0.00	30.89 0.53 0.00
LI_NEWBRDGE___DRP 323616	29.10 1.37 0.00	33.64 1.41 0.00	29.22 1.18 0.00	27.13 0.97 0.00	29.17 1.09 0.00	33.37 1.12 0.00	37.54 1.25 0.00	45.76 1.75 0.00	28.87 1.22 0.00	25.12 1.11 0.00	23.16 1.27 0.00	20.64 1.15 0.01	20.40 1.18 0.01	23.38 1.63 0.89	26.08 1.48 0.00	32.80 1.78 0.00	40.20 2.13 0.15	38.11 2.43 2.27	40.35 2.33 0.12	37.54 2.01 0.00	41.27 2.39 0.00	35.64 2.04 0.01	34.19 1.91 1.01	31.91 1.56 0.01
LOCKPORT_115KV_TB60_63_64 80432	27.25 -0.48 0.00	31.84 -0.39 0.00	27.70 -0.33 0.00	25.97 -0.19 0.00	27.72 -0.36 0.00	31.83 -0.42 0.00	34.92 -1.37 0.00	41.49 -2.52 0.00	26.64 -1.01 0.00	23.38 -0.63 0.00	21.32 -0.57 0.00	18.97 -0.52 0.00	18.50 -0.73 0.00	21.57 -1.07 0.00	23.10 -1.51 0.00	28.80 -2.22 0.00	35.94 -2.27 0.00	34.99 -2.96 0.00	34.69 -3.45 0.00	32.46 -3.07 0.00	35.06 -3.83 0.00	30.13 -3.42 0.06	30.27 -3.02 0.00	28.60 -1.76 0.00
LOCKPORT___CC1 323769	26.09 -0.49 1.16	18.00 -0.35 13.87	23.43 -0.34 4.26	23.61 -0.20 2.36	26.10 -0.36 1.61	28.18 -0.41 3.65	28.92 -1.37 6.00	40.42 -2.50 1.10	25.09 -1.00 1.55	22.91 -0.63 0.46	20.71 -0.54 0.64	17.71 -0.52 1.26	17.56 -0.74 0.93	20.29 -1.07 1.28	21.18 -1.50 1.93	27.48 -2.21 1.33	32.60 -2.26 3.35	27.66 -2.96 7.33	34.18 -3.48 0.48	32.00 -3.09 0.44	35.06 -3.83 0.00	30.11 -3.44 0.06	30.24 -3.05 0.00	28.57 -1.79 0.00
LOCKPORT___CC2 323770	26.09 -0.49 1.16	18.00 -0.35 13.87	23.43 -0.34 4.26	23.61 -0.20 2.36	26.10 -0.36 1.61	28.18 -0.41 3.65	28.92 -1.37 6.00	40.42 -2.50 1.10	25.09 -1.00 1.55	22.91 -0.63 0.46	20.71 -0.54 0.64	17.71 -0.52 1.26	17.56 -0.74 0.93	20.29 -1.07 1.28	21.18 -1.50 1.93	27.48 -2.21 1.33	32.60 -2.26 3.35	27.66 -2.96 7.33	34.18 -3.48 0.48	32.00 -3.09 0.44	35.06 -3.83 0.00	30.11 -3.44 0.06	30.24 -3.05 0.00	28.57 -1.79 0.00
LOCKPORT___CC3 323771	26.09 -0.49 1.16	18.00 -0.35 13.87	23.43 -0.34 4.26	23.61 -0.20 2.36	26.10 -0.36 1.61	28.18 -0.41 3.65	28.92 -1.37 6.00	40.42 -2.50 1.10	25.09 -1.00 1.55	22.91 -0.63 0.46	20.71 -0.54 0.64	17.71 -0.52 1.26	17.56 -0.74 0.93	20.29 -1.07 1.28	21.18 -1.50 1.93	27.48 -2.21 1.33	32.60 -2.26 3.35	27.66 -2.96 7.33	34.18 -3.48 0.48	32.00 -3.09 0.44	35.06 -3.83 0.00	30.11 -3.44 0.06	30.24 -3.05 0.00	28.57 -1.79 0.00
LONG_LAKE_PHOENIX 24014	27.34 -0.40 0.00	31.79 -0.45 0.00	27.64 -0.39 0.00	25.82 -0.34 0.00	27.70 -0.38 0.00	31.81 -0.43 0.00	35.74 -0.55 0.00	43.30 -0.71 0.00	27.21 -0.44 0.00	23.61 -0.40 0.00	21.53 -0.35 0.00	19.16 -0.33 0.00	18.91 -0.32 0.00	22.16 -0.48 0.00	24.03 -0.58 0.00	30.29 -0.73 0.00	37.39 -0.82 0.00	37.08 -0.87 0.00	37.21 -0.93 0.00	34.64 -0.89 0.00	37.85 -1.03 0.00	32.70 -0.91 0.00	32.58 -0.72 0.00	29.74 -0.63 0.00
LOVETT___3 23632	28.91 1.18 0.00	33.46 1.23 0.00	29.13 1.10 0.00	27.12 0.96 0.00	29.19 1.12 0.00	33.45 1.21 0.00	37.63 1.34 0.00	45.83 1.82 0.00	28.81 1.17 0.00	25.14 1.13 0.00	23.04 1.16 0.00	20.49 1.00 0.00	20.24 1.01 0.00	23.81 1.18 0.00	25.80 1.19 0.00	32.51 1.50 0.00	40.02 1.81 0.00	39.90 1.95 0.00	40.10 1.96 0.00	37.32 1.80 0.00	40.90 2.01 0.00	35.35 1.74 0.00	34.88 1.58 0.00	31.72 1.36 0.00
LOVETT___4 23642	28.91 1.18 0.00	33.46 1.23 0.00	29.13 1.10 0.00	27.12 0.96 0.00	29.19 1.12 0.00	33.45 1.21 0.00	37.63 1.34 0.00	45.83 1.82 0.00	28.81 1.17 0.00	25.14 1.13 0.00	23.04 1.16 0.00	20.49 1.00 0.00	20.24 1.01 0.00	23.81 1.18 0.00	25.80 1.19 0.00	32.51 1.50 0.00	40.02 1.81 0.00	39.90 1.95 0.00	40.10 1.96 0.00	37.32 1.80 0.00	40.90 2.01 0.00	35.35 1.74 0.00	34.88 1.58 0.00	31.72 1.36 0.00
LOVETT___5 23593	28.91 1.18 0.00	33.46 1.23 0.00	29.13 1.10 0.00	27.12 0.96 0.00	29.19 1.12 0.00	33.45 1.21 0.00	37.63 1.34 0.00	45.83 1.82 0.00	28.81 1.17 0.00	25.14 1.13 0.00	23.04 1.16 0.00	20.49 1.00 0.00	20.24 1.01 0.00	23.81 1.18 0.00	25.80 1.19 0.00	32.51 1.50 0.00	40.02 1.81 0.00	39.90 1.95 0.00	40.10 1.96 0.00	37.32 1.80 0.00	40.90 2.01 0.00	35.35 1.74 0.00	34.88 1.58 0.00	31.72 1.36 0.00
LOWER RAQUET___HYD 24057	26.61 -1.13 0.00	31.12 -1.11 0.00	27.03 -1.01 0.00	25.30 -0.87 0.00	26.91 -1.17 0.00	31.15 -1.10 0.00	35.39 -0.90 0.00	42.32 -1.69 0.00	26.65 -1.00 0.00	23.16 -0.84 0.00	20.86 -1.03 0.00	18.62 -0.87 0.00	18.30 -0.94 0.00	21.63 -1.01 0.00	24.27 -0.34 0.00	30.45 -0.57 0.00	37.45 -0.76 0.00	37.77 -0.18 0.00	38.82 0.67 0.00	36.71 1.18 0.00	40.22 1.33 0.00	34.67 1.06 0.00	33.85 0.55 0.00	30.56 0.19 0.00
LOWER___HUDSON 24059	28.48 0.75 0.00	33.14 0.91 0.00	28.78 0.74 0.00	26.89 0.72 0.00	28.82 0.74 0.00	33.10 0.86 0.00	37.39 1.10 0.00	45.41 1.41 0.00	28.42 0.77 0.00	24.52 0.52 0.00	22.30 0.41 0.00	19.86 0.36 0.00	19.67 0.44 0.00	23.31 0.68 0.00	25.56 0.95 0.00	32.29 1.28 0.00	39.69 1.48 0.00	39.51 1.56 0.00	39.70 1.55 0.00	36.99 1.46 0.00	40.51 1.62 0.00	35.00 1.39 0.00	34.46 1.16 0.00	31.43 1.06 0.00
LOWVILLE_115KV_TB2 356335	28.05 0.32 0.00	32.79 0.55 0.00	28.59 0.55 0.00	26.74 0.57 0.00	28.65 0.57 0.00	32.99 0.75 0.00	37.15 0.86 0.00	44.81 0.80 0.00	28.01 0.36 0.00	24.14 0.14 0.00	21.91 0.02 0.00	19.52 0.03 0.00	19.36 0.12 0.00	22.89 0.26 0.00	25.13 0.52 0.00	31.67 0.65 0.00	39.25 1.04 0.00	38.86 0.90 0.00	39.35 1.21 0.00	36.72 1.19 0.00	40.31 1.42 0.00	34.73 1.12 0.00	33.72 0.43 0.00	30.20 -0.17 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	28.98 1.25 0.00	33.72 1.49 0.00	29.27 1.24 0.00	27.37 1.20 0.00	29.34 1.27 0.00	33.71 1.47 0.00	38.07 1.78 0.00	46.23 2.23 0.00	28.87 1.22 0.00	24.86 0.85 0.00	22.61 0.72 0.00	20.12 0.63 0.00	19.95 0.72 0.00	23.68 1.05 0.00	25.94 1.33 0.00	32.81 1.80 0.00	40.44 2.23 0.00	40.22 2.27 0.00	40.37 2.23 0.00	37.57 2.04 0.00	41.11 2.22 0.00	35.48 1.87 0.00	34.94 1.64 0.00	31.87 1.51 0.00



LUTHERNY_35_KV_BK2 355980	28.99 1.26 0.00	33.73 1.50 0.00	29.27 1.23 0.00	27.37 1.20 0.00	29.34 1.27 0.00	33.71 1.47 0.00	38.06 1.78 0.00	46.25 2.24 0.00	28.85 1.21 0.00	24.86 0.86 0.00	22.61 0.73 0.00	20.13 0.63 0.00	19.95 0.72 0.00	23.70 1.06 0.00	25.95 1.34 0.00	32.84 1.83 0.00	40.43 2.23 0.00	40.22 2.27 0.00	40.36 2.22 0.00	37.57 2.04 0.00	41.13 2.24 0.00	35.48 1.87 0.00	34.93 1.64 0.00	31.88 1.51 0.00
LWR___OSWEGATCHIE_HYD 23850	27.31 -0.42 0.00	31.93 -0.30 0.00	27.79 -0.25 0.00	25.99 -0.18 0.00	27.75 -0.33 0.00	32.04 -0.20 0.00	36.24 -0.05 0.00	43.50 -0.51 0.00	27.26 -0.38 0.00	23.58 -0.43 0.00	21.29 -0.59 0.00	19.00 -0.49 0.00	18.76 -0.47 0.00	22.19 -0.45 0.00	24.65 0.04 0.00	30.99 -0.03 0.00	38.29 0.08 0.00	38.26 0.31 0.00	39.03 0.89 0.00	36.67 1.15 0.00	40.22 1.33 0.00	34.64 1.03 0.00	33.72 0.43 0.00	30.32 -0.04 0.00
LYONS_FALL_HYD 23570	28.12 0.39 0.00	32.82 0.59 0.00	28.59 0.55 0.00	26.73 0.56 0.00	28.65 0.57 0.00	32.97 0.73 0.00	37.14 0.85 0.00	44.88 0.87 0.00	28.10 0.46 0.00	24.29 0.28 0.00	22.08 0.19 0.00	19.66 0.16 0.00	19.45 0.21 0.00	22.97 0.34 0.00	25.15 0.54 0.00	31.72 0.70 0.00	39.24 1.03 0.00	38.88 0.93 0.00	39.26 1.12 0.00	36.61 1.08 0.00	40.15 1.26 0.00	34.60 0.99 0.00	33.82 0.52 0.00	30.48 0.12 0.00
MADISON___COUNTY_LFGE 323628	28.32 0.59 0.00	32.97 0.74 0.00	28.73 0.70 0.00	26.84 0.68 0.00	28.82 0.74 0.00	33.13 0.89 0.00	37.29 1.00 0.00	45.21 1.20 0.00	28.36 0.71 0.00	24.56 0.55 0.00	22.36 0.47 0.00	19.88 0.39 0.00	19.61 0.37 0.00	23.15 0.52 0.00	25.20 0.59 0.00	31.88 0.86 0.00	39.37 1.17 0.00	38.99 1.04 0.00	39.17 1.03 0.00	36.45 0.92 0.00	39.87 0.98 0.00	34.39 0.78 0.00	33.98 0.69 0.00	30.91 0.55 0.00
MALONE___115KV_TB1 356076	26.37 -1.36 0.00	30.99 -1.24 0.00	26.84 -1.20 0.00	25.13 -1.04 0.00	26.70 -1.37 0.00	30.84 -1.40 0.00	35.30 -0.99 0.00	42.30 -1.71 0.00	26.65 -0.99 0.00	23.26 -0.75 0.00	20.92 -0.97 0.00	18.69 -0.80 0.00	18.33 -0.90 0.00	21.74 -0.89 0.00	24.46 -0.15 0.00	30.62 -0.40 0.00	37.49 -0.72 0.00	38.00 0.05 0.00	39.17 1.03 0.00	37.07 1.54 0.00	40.57 1.68 0.00	35.05 1.44 0.00	34.21 0.92 0.00	30.87 0.51 0.00
MAPLEWOD_115KV_TB3 80458	28.25 0.52 0.00	32.84 0.60 0.00	28.54 0.50 0.00	26.65 0.48 0.00	28.58 0.51 0.00	32.81 0.56 0.00	37.03 0.74 0.00	44.99 0.98 0.00	28.18 0.53 0.00	24.38 0.38 0.00	22.17 0.28 0.00	19.76 0.27 0.00	19.58 0.34 0.00	23.16 0.53 0.00	25.33 0.72 0.00	31.99 0.98 0.00	39.35 1.14 0.00	39.17 1.22 0.00	39.36 1.21 0.00	36.68 1.16 0.00	40.17 1.28 0.00	34.70 1.08 0.00	34.19 0.90 0.00	31.14 0.78 0.00
MAPLE_RIDGE_WT_1 323574	26.99 -0.74 0.00	31.49 -0.75 0.00	27.38 -0.65 0.00	25.58 -0.59 0.00	27.35 -0.73 0.00	31.47 -0.77 0.00	35.54 -0.75 0.00	42.80 -1.21 0.00	26.94 -0.71 0.00	23.50 -0.51 0.00	21.34 -0.55 0.00	19.02 -0.47 0.00	18.73 -0.51 0.00	22.07 -0.57 0.00	24.29 -0.32 0.00	30.51 -0.51 0.00	37.48 -0.73 0.00	37.31 -0.64 0.00	37.69 -0.45 0.00	35.21 -0.31 0.00	38.87 -0.02 0.00	33.69 0.08 0.00	33.03 -0.26 0.00	29.94 -0.42 0.00
MAPLE_RIDGE_WT_2 323611	26.99 -0.74 0.00	31.49 -0.75 0.00	27.38 -0.65 0.00	25.58 -0.59 0.00	27.35 -0.73 0.00	31.47 -0.77 0.00	35.54 -0.75 0.00	42.80 -1.21 0.00	26.94 -0.71 0.00	23.50 -0.51 0.00	21.34 -0.55 0.00	19.02 -0.47 0.00	18.73 -0.51 0.00	22.07 -0.57 0.00	24.29 -0.32 0.00	30.51 -0.51 0.00	37.48 -0.73 0.00	37.31 -0.64 0.00	37.69 -0.45 0.00	35.21 -0.31 0.00	38.87 -0.02 0.00	33.69 0.08 0.00	33.03 -0.26 0.00	29.94 -0.42 0.00
MARBLE_RIVER_WT_PWR 323696	25.93 -1.80 0.00	30.54 -1.69 0.00	26.40 -1.64 0.00	24.73 -1.44 0.00	26.26 -1.82 0.00	30.28 -1.96 0.00	34.71 -1.58 0.00	41.61 -2.40 0.00	26.20 -1.45 0.00	22.91 -1.09 0.00	20.59 -1.30 0.00	18.44 -1.05 0.00	18.08 -1.16 0.00	21.47 -1.16 0.00	24.19 -0.42 0.00	30.25 -0.77 0.00	36.92 -1.29 0.00	37.42 -0.53 0.00	38.58 0.44 0.00	36.53 1.01 0.00	39.99 1.10 0.00	34.62 1.01 0.00	33.82 0.52 0.00	30.57 0.21 0.00
MARSHVLE_115KV_TB1 80742	29.32 1.59 0.00	34.15 1.92 0.00	29.77 1.73 0.00	27.78 1.61 0.00	29.81 1.73 0.00	34.31 2.07 0.00	38.52 2.23 0.00	46.52 2.51 0.00	28.91 1.27 0.00	24.91 0.90 0.00	22.73 0.84 0.00	20.32 0.83 0.00	20.10 0.86 0.00	23.72 1.09 0.00	25.88 1.27 0.00	32.78 1.77 0.00	40.72 2.51 0.00	40.45 2.50 0.00	40.62 2.48 0.00	37.73 2.20 0.00	41.22 2.33 0.00	35.56 1.94 0.00	35.21 1.91 0.00	32.08 1.72 0.00
MARSH_HILL_WT_PWR 323713	27.55 -0.19 0.00	32.68 0.44 0.00	28.40 0.37 0.00	26.50 0.33 0.00	28.44 0.37 0.00	32.88 0.64 0.00	36.74 0.45 0.00	44.38 0.37 0.00	28.04 0.40 0.00	24.42 0.41 0.00	22.08 0.19 0.00	19.55 0.06 0.00	19.05 -0.18 0.00	22.47 -0.17 0.00	24.40 -0.21 0.00	30.67 -0.35 0.00	38.09 -0.12 0.00	36.94 -1.01 0.00	35.81 -2.33 0.00	32.94 -2.59 0.00	35.56 -3.33 0.00	30.45 -3.00 0.16	30.32 -2.97 0.00	28.18 -2.19 0.00
MCINTYRE_115KV_TB2 80467	26.87 -0.86 0.00	31.41 -0.83 0.00	27.27 -0.77 0.00	25.52 -0.65 0.00	27.13 -0.95 0.00	31.45 -0.79 0.00	35.76 -0.53 0.00	42.67 -1.34 0.00	26.76 -0.88 0.00	23.13 -0.88 0.00	20.78 -1.10 0.00	18.57 -0.92 0.00	18.23 -1.01 0.00	21.58 -1.06 0.00	24.40 -0.21 0.00	30.78 -0.24 0.00	37.93 -0.28 0.00	38.32 0.37 0.00	39.42 1.27 0.00	37.32 1.79 0.00	40.84 1.96 0.00	35.17 1.56 0.00	34.34 1.05 0.00	31.02 0.66 0.00
MECO_____69_KV_BK1 80468	29.48 1.75 0.00	34.29 2.06 0.00	29.85 1.82 0.00	27.86 1.69 0.00	29.91 1.83 0.00	34.40 2.16 0.00	38.70 2.41 0.00	46.81 2.80 0.00	28.91 1.27 0.00	24.66 0.65 0.00	22.42 0.53 0.00	20.03 0.54 0.00	19.86 0.63 0.00	23.72 1.09 0.00	25.93 1.33 0.00	33.04 2.03 0.00	41.14 2.93 0.00	40.93 2.98 0.00	41.08 2.93 0.00	38.18 2.65 0.00	41.71 2.81 0.00	35.93 2.32 0.00	35.48 2.18 0.00	32.31 1.95 0.00
MENANDS___115KV_TB5 355628	28.07 0.34 0.00	32.63 0.39 0.00	28.35 0.31 0.00	26.48 0.31 0.00	28.39 0.31 0.00	32.59 0.34 0.00	36.79 0.50 0.00	44.69 0.67 0.00	28.01 0.36 0.00	24.26 0.25 0.00	22.06 0.17 0.00	19.67 0.18 0.00	19.49 0.25 0.00	23.05 0.41 0.00	25.18 0.57 0.00	31.79 0.77 0.00	39.07 0.86 0.00	38.89 0.93 0.00	39.08 0.94 0.00	36.43 0.90 0.00	39.90 1.01 0.00	34.47 0.86 0.00	33.97 0.68 0.00	30.95 0.58 0.00
MG INDUSTRY___DRP 24185	28.13 0.40 0.00	32.70 0.46 0.00	28.42 0.39 0.00	26.54 0.37 0.00	28.47 0.39 0.00	32.68 0.43 0.00	36.88 0.59 0.00	44.74 0.73 0.00	27.95 0.30 0.00	24.17 0.16 0.00	22.00 0.11 0.00	19.63 0.14 0.00	19.42 0.18 0.00	22.96 0.32 0.00	25.09 0.48 0.00	31.72 0.70 0.00	39.05 0.84 0.00	38.82 0.87 0.00	39.04 0.90 0.00	36.37 0.84 0.00	39.84 0.95 0.00	34.41 0.80 0.00	33.96 0.66 0.00	30.94 0.57 0.00



MID___OSWEGATCHIE_HYD 23849	27.31 -0.42 0.00	31.93 -0.30 0.00	27.79 -0.25 0.00	25.99 -0.18 0.00	27.75 -0.33 0.00	32.04 -0.20 0.00	36.24 -0.05 0.00	43.50 -0.51 0.00	27.26 -0.38 0.00	23.58 -0.43 0.00	21.29 -0.59 0.00	19.00 -0.49 0.00	18.76 -0.47 0.00	22.19 -0.45 0.00	24.65 0.04 0.00	30.99 -0.03 0.00	38.29 0.08 0.00	38.26 0.31 0.00	39.03 0.89 0.00	36.67 1.15 0.00	40.22 1.33 0.00	34.64 1.03 0.00	33.72 0.43 0.00	30.32 -0.04 0.00
MID___RAQUETTE_HYD 23851	26.60 -1.13 0.00	31.12 -1.11 0.00	27.03 -1.01 0.00	25.29 -0.87 0.00	26.91 -1.17 0.00	31.15 -1.09 0.00	35.39 -0.90 0.00	42.32 -1.69 0.00	26.65 -1.00 0.00	23.16 -0.84 0.00	20.85 -1.03 0.00	18.62 -0.87 0.00	18.29 -0.95 0.00	21.63 -1.01 0.00	24.28 -0.33 0.00	30.44 -0.58 0.00	37.45 -0.76 0.00	37.77 -0.18 0.00	38.82 0.67 0.00	36.71 1.19 0.00	40.22 1.33 0.00	34.67 1.06 0.00	33.85 0.56 0.00	30.56 0.19 0.00
MILLIKEN___1 23584	28.28 0.55 0.00	32.89 0.66 0.00	28.59 0.56 0.00	26.70 0.53 0.00	28.65 0.57 0.00	32.96 0.72 0.00	37.10 0.81 0.00	44.97 0.96 0.00	28.24 0.60 0.00	24.43 0.42 0.00	22.22 0.33 0.00	19.76 0.27 0.00	19.46 0.23 0.00	22.90 0.27 0.00	24.88 0.28 0.00	31.49 0.47 0.00	38.99 0.78 0.00	38.62 0.67 0.00	38.66 0.52 0.00	35.93 0.40 0.00	39.20 0.31 0.00	34.04 0.24 -0.18	33.57 0.27 0.00	30.66 0.30 0.00
MILLIKEN___2 23585	28.28 0.55 0.00	32.89 0.66 0.00	28.59 0.56 0.00	26.70 0.53 0.00	28.65 0.57 0.00	32.96 0.72 0.00	37.10 0.81 0.00	44.97 0.96 0.00	28.24 0.60 0.00	24.43 0.42 0.00	22.22 0.33 0.00	19.76 0.27 0.00	19.46 0.23 0.00	22.90 0.27 0.00	24.88 0.28 0.00	31.49 0.47 0.00	38.99 0.78 0.00	38.62 0.67 0.00	38.66 0.52 0.00	35.93 0.40 0.00	39.20 0.31 0.00	34.04 0.24 -0.18	33.57 0.27 0.00	30.66 0.30 0.00
MILLIKEN___DIESEL 23629	28.28 0.55 0.00	32.89 0.66 0.00	28.59 0.56 0.00	26.70 0.53 0.00	28.65 0.57 0.00	32.96 0.72 0.00	37.10 0.81 0.00	44.97 0.96 0.00	28.24 0.60 0.00	24.43 0.42 0.00	22.22 0.33 0.00	19.76 0.27 0.00	19.46 0.23 0.00	22.90 0.27 0.00	24.88 0.28 0.00	31.49 0.47 0.00	38.99 0.78 0.00	38.62 0.67 0.00	38.66 0.52 0.00	35.93 0.40 0.00	39.20 0.31 0.00	34.04 0.24 -0.18	33.57 0.27 0.00	30.66 0.30 0.00
MILLSEAT___LFGE 323607	26.59 -0.08 1.06	19.67 0.08 12.64	24.18 0.03 3.88	24.16 0.14 2.15	26.63 0.02 1.47	28.96 0.05 3.32	30.07 -0.75 5.47	41.36 -1.65 1.00	25.73 -0.50 1.41	23.34 -0.24 0.42	21.11 -0.20 0.58	18.10 -0.25 1.15	17.93 -0.46 0.84	20.73 -0.75 1.16	21.81 -1.03 1.76	28.24 -1.57 1.21	33.75 -1.41 3.05	29.25 -2.02 6.68	35.21 -2.49 0.44	32.93 -2.20 0.40	36.05 -2.84 0.00	30.94 -2.61 0.06	31.01 -2.28 0.00	29.14 -1.22 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.96 1.23 0.00	33.53 1.30 0.00	29.18 1.15 0.00	27.17 1.00 0.00	29.23 1.16 0.00	33.50 1.26 0.00	37.69 1.40 0.00	45.89 1.88 0.00	28.87 1.22 0.00	25.19 1.18 0.00	23.09 1.21 0.00	20.55 1.06 0.00	20.30 1.06 0.00	23.88 1.25 0.00	25.87 1.26 0.00	32.60 1.58 0.00	40.11 1.91 0.00	39.99 2.04 0.00	40.20 2.06 0.00	37.42 1.89 0.00	40.99 2.11 0.00	35.42 1.81 0.00	34.94 1.65 0.00	31.77 1.41 0.00
MILLWOOD_13_KV_LOAD 356217	29.02 1.28 0.00	33.57 1.34 0.00	29.22 1.19 0.00	27.20 1.03 0.00	29.27 1.19 0.00	33.54 1.31 0.00	37.73 1.44 0.00	45.95 1.95 0.00	28.91 1.26 0.00	25.22 1.21 0.00	23.12 1.23 0.00	20.57 1.08 0.00	20.32 1.08 0.00	23.90 1.27 0.00	25.90 1.29 0.00	32.64 1.62 0.00	40.17 1.96 0.00	40.05 2.10 0.00	40.26 2.12 0.00	37.48 1.95 0.00	41.05 2.17 0.00	35.46 1.85 0.00	34.98 1.68 0.00	31.81 1.44 0.00
MODEL_CITY_ENERGY 24167	25.75 -0.76 1.23	16.79 -0.73 14.70	22.87 -0.64 4.51	23.17 -0.49 2.50	25.71 -0.66 1.71	27.60 -0.78 3.87	28.15 -1.78 6.36	39.83 -3.02 1.16	24.69 -1.31 1.65	22.61 -0.91 0.49	20.43 -0.78 0.67	17.41 -0.75 1.33	17.30 -0.95 0.98	19.96 -1.32 1.35	20.76 -1.80 2.05	27.02 -2.59 1.41	31.91 -2.75 3.55	26.74 -3.44 7.77	33.72 -3.91 0.51	31.59 -3.47 0.47	34.63 -4.25 0.00	29.76 -3.79 0.06	29.90 -3.39 0.00	28.32 -2.04 0.00
MODERN_LFGE___ 323580	25.75 -0.76 1.23	16.79 -0.73 14.70	22.87 -0.64 4.51	23.17 -0.49 2.50	25.71 -0.66 1.71	27.60 -0.78 3.87	28.15 -1.78 6.36	39.83 -3.02 1.16	24.69 -1.31 1.65	22.61 -0.91 0.49	20.43 -0.78 0.67	17.41 -0.75 1.33	17.30 -0.95 0.98	19.96 -1.32 1.35	20.76 -1.80 2.05	27.02 -2.59 1.41	31.91 -2.75 3.55	26.74 -3.44 7.77	33.72 -3.91 0.51	31.59 -3.47 0.47	34.63 -4.25 0.00	29.76 -3.79 0.06	29.90 -3.39 0.00	28.32 -2.04 0.00
MOHAWK_PAPER___DRP 24187	28.25 0.52 0.00	32.84 0.60 0.00	28.54 0.50 0.00	26.65 0.48 0.00	28.58 0.51 0.00	32.81 0.56 0.00	37.03 0.74 0.00	44.99 0.98 0.00	28.18 0.53 0.00	24.38 0.38 0.00	22.17 0.28 0.00	19.76 0.27 0.00	19.58 0.34 0.00	23.16 0.53 0.00	25.33 0.72 0.00	31.99 0.98 0.00	39.35 1.14 0.00	39.17 1.22 0.00	39.36 1.21 0.00	36.68 1.16 0.00	40.17 1.28 0.00	34.70 1.08 0.00	34.19 0.90 0.00	31.14 0.78 0.00
MOHICAN___35_KV_115KV_LD 80490	29.42 1.68 0.00	34.27 2.04 0.00	29.72 1.68 0.00	27.84 1.67 0.00	29.81 1.74 0.00	34.27 2.03 0.00	38.80 2.52 0.00	47.15 3.14 0.00	29.40 1.76 0.00	25.15 1.15 0.00	22.89 1.00 0.00	20.36 0.86 0.00	20.25 1.01 0.00	24.08 1.44 0.00	26.39 1.78 0.00	33.39 2.37 0.00	41.24 3.03 0.00	41.09 3.14 0.00	41.11 2.97 0.00	38.20 2.67 0.00	41.70 2.81 0.00	36.00 2.39 0.00	35.35 2.06 0.00	32.33 1.96 0.00
MONGAUP___HYD 23641	29.16 1.43 0.00	33.76 1.53 0.00	29.39 1.35 0.00	27.38 1.21 0.00	29.44 1.37 0.00	33.78 1.54 0.00	38.01 1.73 0.00	46.28 2.27 0.00	28.95 1.30 0.00	25.01 1.00 0.00	22.77 0.88 0.00	20.26 0.77 0.00	20.01 0.77 0.00	23.68 1.04 0.00	25.65 1.04 0.00	32.64 1.63 0.00	40.38 2.17 0.00	40.34 2.39 0.00	40.56 2.41 0.00	37.74 2.21 0.00	41.29 2.40 0.00	35.64 2.03 0.00	35.15 1.85 0.00	31.95 1.58 0.00
MONTAUK___DIESEL 23721	28.78 1.05 0.00	33.23 1.00 0.00	28.59 0.56 0.00	26.43 0.26 0.00	28.48 0.40 0.00	32.77 0.53 0.00	36.93 0.64 0.00	45.25 1.24 0.00	28.63 0.98 0.00	24.76 0.75 0.00	23.18 1.29 0.00	20.91 1.42 0.00	20.92 1.69 0.00	24.56 2.44 0.52	27.11 2.50 0.00	34.24 3.23 0.00	41.90 3.78 0.09	40.18 3.60 1.36	41.27 3.20 0.07	38.39 2.86 0.00	42.44 3.55 0.00	36.69 3.08 0.00	35.61 2.91 0.59	32.61 2.25 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.62 0.89 0.00	33.52 1.29 0.00	29.11 1.08 0.00	27.30 1.13 0.00	29.15 1.08 0.00	33.46 1.22 0.00	36.79 0.50 0.00	43.95 -0.06 0.00	28.14 0.50 0.00	24.75 0.74 0.00	22.56 0.67 0.00	20.05 0.56 0.00	19.47 0.23 0.00	22.61 -0.02 0.00	24.28 -0.33 0.00	30.52 -0.50 0.00	38.06 -0.14 0.00	36.42 -1.53 0.00	35.44 -2.70 0.00	32.95 -2.58 0.00	35.39 -3.50 0.00	30.56 -2.97 0.08	30.77 -2.52 0.00	29.09 -1.28 0.00



MORRIS RIDGE___SOLAR 323848	27.55 -0.18 0.00	32.38 0.15 0.00	28.15 0.12 0.00	26.32 0.15 0.00	28.18 0.11 0.00	32.43 0.19 0.00	36.09 -0.20 0.00	43.43 -0.58 0.00	27.52 -0.13 0.00	24.00 0.00 0.00	21.76 -0.12 0.00	19.28 -0.21 0.00	18.78 -0.46 0.00	22.14 -0.50 0.00	23.95 -0.65 0.00	30.08 -0.93 0.00	37.40 -0.81 0.00	36.44 -1.51 0.00	35.81 -2.33 0.00	33.14 -2.39 0.00	35.94 -2.95 0.00	30.83 -2.67 0.11	30.81 -2.49 0.00	28.60 -1.76 0.00
MORTIMER_115KV_TB3 55949	27.37 -0.37 0.00	31.96 -0.28 0.00	27.78 -0.25 0.00	26.01 -0.16 0.00	27.81 -0.27 0.00	31.96 -0.28 0.00	35.49 -0.80 0.00	42.58 -1.43 0.00	27.06 -0.59 0.00	23.66 -0.35 0.00	21.56 -0.33 0.00	19.19 -0.30 0.00	18.80 -0.43 0.00	22.01 -0.62 0.00	23.73 -0.88 0.00	29.75 -1.27 0.00	36.97 -1.24 0.00	36.34 -1.61 0.00	36.24 -1.90 0.00	33.81 -1.72 0.00	36.71 -2.18 0.00	31.59 -1.98 0.04	31.57 -1.72 0.00	29.27 -1.10 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.18 1.45 0.00	33.76 1.53 0.00	29.37 1.34 0.00	27.34 1.18 0.00	29.41 1.34 0.00	33.71 1.47 0.00	37.91 1.62 0.00	46.18 2.17 0.00	29.09 1.44 0.00	25.42 1.41 0.00	23.32 1.43 0.00	20.74 1.25 0.00	20.49 1.25 0.00	24.11 1.47 0.00	26.09 1.48 0.00	32.84 1.82 0.00	40.39 2.18 0.00	40.28 2.33 0.00	40.49 2.34 0.00	37.70 2.18 0.00	41.32 2.43 0.00	35.70 2.09 0.00	35.23 1.93 0.00	32.03 1.66 0.00
MUNSVILLE_WIND_PWR 323609	30.06 1.98 -0.35	38.77 2.38 -4.16	31.40 2.09 -1.28	28.96 2.08 -0.71	30.81 2.25 -0.48	36.03 2.69 -1.09	41.25 3.16 -1.80	48.40 4.06 -0.33	30.63 2.52 -0.46	26.10 1.95 -0.14	23.64 1.56 -0.19	21.26 1.39 -0.38	20.87 1.36 -0.28	24.65 1.64 -0.38	27.08 1.89 -0.58	34.10 2.69 -0.40	42.93 3.72 -1.00	43.78 3.63 -2.20	41.47 3.18 -0.14	38.12 2.46 -0.13	41.31 2.42 0.00	35.97 2.26 -0.10	35.54 2.25 0.00	32.17 1.81 0.00
N SALMON___HYD 24042	26.38 -1.36 0.00	30.99 -1.24 0.00	26.84 -1.20 0.00	25.13 -1.04 0.00	26.70 -1.37 0.00	30.84 -1.40 0.00	35.29 -0.99 0.00	42.30 -1.71 0.00	26.65 -1.00 0.00	23.26 -0.75 0.00	20.92 -0.97 0.00	18.69 -0.80 0.00	18.34 -0.89 0.00	21.74 -0.90 0.00	24.46 -0.15 0.00	30.63 -0.39 0.00	37.49 -0.72 0.00	38.00 0.05 0.00	39.17 1.02 0.00	37.07 1.54 0.00	40.57 1.68 0.00	35.05 1.44 0.00	34.21 0.92 0.00	30.87 0.51 0.00
N.AKRON__115KV_KNAPP 355671	27.56 -0.17 0.00	32.20 -0.03 0.00	28.00 -0.03 0.00	26.25 0.08 0.00	28.04 -0.04 0.00	32.21 -0.03 0.00	35.40 -0.89 0.00	42.14 -1.87 0.00	27.03 -0.62 0.00	23.69 -0.32 0.00	21.60 -0.29 0.00	19.20 -0.29 0.00	18.73 -0.50 0.00	21.84 -0.80 0.00	23.46 -1.14 0.00	29.28 -1.74 0.00	36.58 -1.63 0.00	35.66 -2.29 0.00	35.40 -2.74 0.00	33.09 -2.44 0.00	35.76 -3.13 0.00	30.73 -2.82 0.06	30.81 -2.48 0.00	29.02 -1.35 0.00
N.BELMOR_69_KV_BK1 55787	29.30 1.57 0.00	33.87 1.64 0.00	29.41 1.38 0.00	27.33 1.16 0.00	29.37 1.29 0.00	33.60 1.36 0.00	37.81 1.52 0.00	46.08 2.07 0.00	29.06 1.41 0.00	25.29 1.28 0.00	23.31 1.42 0.00	20.78 1.28 -0.01	20.55 1.30 -0.01	26.17 1.77 -1.76	26.28 1.67 0.00	33.05 2.03 0.00	40.93 2.45 -0.27	44.89 2.75 -4.18	41.03 2.66 -0.22	37.86 2.34 0.00	41.64 2.75 0.00	35.94 2.32 -0.01	37.47 2.17 -2.00	32.17 1.79 -0.01
N.E_GEN_SANDY PD 24062	28.38 0.65 0.00	33.05 0.82 0.00	28.71 0.67 0.00	26.84 0.67 0.00	28.73 0.65 0.00	32.94 0.74 0.04	37.30 1.01 0.00	45.33 1.32 0.00	28.70 0.73 -0.32	24.46 0.46 0.00	22.22 0.34 0.00	19.79 0.30 0.00	19.62 0.38 0.00	23.26 0.63 0.00	25.56 0.95 0.00	32.26 1.25 0.00	39.62 1.41 0.00	39.85 1.54 -0.36	39.70 1.55 0.00	37.00 1.47 0.00	40.53 1.64 0.00	35.16 1.42 -0.13	34.49 1.19 0.00	31.41 1.05 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.96 1.23 0.00	33.52 1.29 0.00	29.19 1.16 0.00	27.17 1.00 0.00	29.25 1.17 0.00	33.52 1.28 0.00	37.70 1.41 0.00	45.92 1.91 0.00	28.86 1.22 0.00	25.18 1.18 0.00	23.08 1.19 0.00	20.53 1.04 0.00	20.28 1.04 0.00	23.85 1.22 0.00	25.85 1.24 0.00	32.58 1.56 0.00	40.11 1.90 0.00	39.99 2.04 0.00	40.19 2.05 0.00	37.40 1.87 0.00	40.98 2.10 0.00	35.42 1.81 0.00	34.95 1.65 0.00	31.78 1.42 0.00
N.QUEENS_27_KV_LOAD 356247	29.10 1.38 0.00	33.71 1.47 0.00	29.32 1.29 0.00	27.31 1.15 0.00	29.35 1.27 0.00	33.64 1.40 0.00	37.87 1.59 0.00	46.12 2.12 0.00	29.11 1.46 0.00	25.42 1.41 0.00	23.34 1.45 0.00	20.79 1.30 0.00	20.54 1.31 0.00	24.15 1.51 0.00	26.13 1.52 0.00	32.83 1.82 0.00	40.35 2.14 0.00	40.27 2.32 0.00	40.47 2.33 0.00	37.69 2.17 0.00	41.32 2.43 0.00	35.76 2.15 0.00	35.25 1.96 0.00	32.02 1.66 0.00
N.TROY___115KV_TB1 355778	28.48 0.75 0.00	33.14 0.90 0.00	28.78 0.74 0.00	26.89 0.72 0.00	28.82 0.74 0.00	33.10 0.86 0.00	37.39 1.10 0.00	45.42 1.41 0.00	28.42 0.77 0.00	24.52 0.51 0.00	22.30 0.41 0.00	19.86 0.36 0.00	19.68 0.44 0.00	23.31 0.68 0.00	25.56 0.95 0.00	32.29 1.28 0.00	39.69 1.48 0.00	39.51 1.56 0.00	39.70 1.55 0.00	36.99 1.46 0.00	40.51 1.62 0.00	35.00 1.39 0.00	34.46 1.17 0.00	31.43 1.06 0.00
NARROWS_GT1_1 24228	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
NARROWS_GT1_2 24229	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
NARROWS_GT1_3 24230	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
NARROWS_GT1_4 24231	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00



NARROWS_GT1_5 24232	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
NARROWS_GT1_6 24233	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
NARROWS_GT1_7 24234	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
NARROWS_GT1_8 24235	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
NARROWS_GT2_1 24236	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
NARROWS_GT2_2 24237	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
NARROWS_GT2_3 24238	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
NARROWS_GT2_4 24239	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
NARROWS_GT2_5 24240	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
NARROWS_GT2_6 24241	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
NARROWS_GT2_7 24242	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
NARROWS_GT2_8 24243	29.37 1.63 0.00	33.99 1.76 0.00	29.59 1.56 0.00	27.54 1.37 0.00	29.63 1.55 0.00	33.94 1.70 0.00	38.18 1.89 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.40 0.00	24.28 1.64 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.64 2.43 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.48 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.48 0.74 0.00	33.12 0.89 0.00	28.77 0.73 0.00	26.89 0.72 0.00	28.82 0.74 0.00	33.15 0.91 0.00	37.46 1.17 0.00	45.52 1.51 0.00	28.36 0.72 0.00	24.35 0.34 0.00	22.03 0.15 0.00	19.66 0.17 0.00	19.48 0.25 0.00	23.10 0.46 0.00	25.37 0.76 0.00	32.24 1.23 0.00	39.91 1.70 0.00	39.74 1.79 0.00	39.93 1.78 0.00	37.15 1.62 0.00	40.62 1.73 0.00	35.00 1.40 0.00	34.45 1.16 0.00	31.36 1.00 0.00
NCHELSEA_115KV_TR2 355582	29.12 1.39 0.00	33.72 1.49 0.00	29.33 1.30 0.00	27.33 1.16 0.00	29.39 1.32 0.00	33.71 1.47 0.00	37.94 1.65 0.00	46.19 2.18 0.00	29.03 1.38 0.00	25.28 1.28 0.00	23.14 1.26 0.00	20.60 1.11 0.00	20.36 1.13 0.00	23.96 1.32 0.00	25.97 1.37 0.00	32.77 1.76 0.00	40.38 2.17 0.00	40.27 2.32 0.00	40.48 2.34 0.00	37.67 2.14 0.00	41.24 2.35 0.00	35.61 2.00 0.00	35.10 1.81 0.00	31.91 1.55 0.00
NEG CAPITAL___MECHNVIL 23645	28.96 1.23 0.00	33.69 1.46 0.00	29.26 1.22 0.00	27.34 1.17 0.00	29.31 1.24 0.00	33.67 1.43 0.00	38.05 1.76 0.00	46.21 2.20 0.00	28.86 1.22 0.00	24.86 0.86 0.00	22.60 0.72 0.00	20.12 0.63 0.00	19.95 0.72 0.00	23.68 1.05 0.00	25.96 1.35 0.00	32.83 1.81 0.00	40.44 2.23 0.00	40.25 2.30 0.00	40.42 2.28 0.00	37.60 2.07 0.00	41.15 2.26 0.00	35.50 1.89 0.00	34.95 1.65 0.00	31.87 1.50 0.00



NEG CENTRAL_HIGH_ACRES 23767	26.47 -0.78 0.48	25.74 -0.77 5.72	25.57 -0.71 1.76	24.60 -0.59 0.97	26.71 -0.70 0.66	29.97 -0.77 1.50	32.58 -1.24 2.47	41.71 -1.85 0.45	26.08 -0.92 0.64	23.13 -0.69 0.19	20.98 -0.64 0.26	18.40 -0.57 0.52	18.17 -0.68 0.38	21.24 -0.87 0.53	22.71 -1.10 0.80	28.96 -1.51 0.55	35.27 -1.56 1.38	33.06 -1.87 3.02	35.83 -2.12 0.20	33.39 -1.96 0.18	36.51 -2.38 0.00	31.42 -2.16 0.03	31.34 -1.95 0.00	28.96 -1.41 0.00
NEG CENTRAL___DRP 24199	27.87 0.14 0.00	32.43 0.20 0.00	28.25 0.22 0.00	26.37 0.20 0.00	28.28 0.20 0.00	32.54 0.30 0.00	36.53 0.24 0.00	44.15 0.14 0.00	27.80 0.16 0.00	24.13 0.13 0.00	21.90 0.01 0.00	19.52 0.03 0.00	19.16 -0.07 0.00	22.54 -0.09 0.00	24.46 -0.15 0.00	30.86 -0.15 0.00	38.21 0.00 0.00	37.75 -0.21 0.00	37.72 -0.42 0.00	35.05 -0.48 0.00	38.14 -0.75 0.00	32.90 -0.67 0.04	32.71 -0.59 0.00	30.00 -0.36 0.00
NEG CENTRAL___INDECK 23768	28.08 0.56 0.20	30.70 0.93 2.45	28.05 0.77 0.75	26.53 0.77 0.42	28.57 0.78 0.28	32.57 0.98 0.65	35.93 0.70 1.06	44.32 0.51 0.19	27.93 0.56 0.28	24.49 0.56 0.08	22.13 0.36 0.11	19.39 0.12 0.22	18.94 -0.13 0.16	22.26 -0.15 0.23	24.01 -0.25 0.34	30.47 -0.31 0.23	37.90 0.29 0.59	36.50 -0.15 1.30	37.29 -0.77 0.09	34.59 -0.86 0.08	37.60 -1.28 0.00	32.22 -1.29 0.10	32.16 -1.14 0.00	29.77 -0.59 0.00
NEG CENTRAL___SENECA 23627	27.94 0.21 0.00	32.52 0.29 0.00	28.38 0.34 0.00	26.48 0.31 0.00	28.38 0.30 0.00	32.65 0.41 0.00	36.62 0.33 0.00	44.26 0.25 0.00	27.91 0.26 0.00	24.22 0.21 0.00	21.93 0.05 0.00	19.56 0.07 0.00	19.16 -0.07 0.00	22.56 -0.07 0.00	24.48 -0.13 0.00	30.91 -0.10 0.00	38.29 0.08 0.00	37.77 -0.18 0.00	37.71 -0.43 0.00	35.01 -0.52 0.00	38.00 -0.89 0.00	32.75 -0.78 0.08	32.58 -0.72 0.00	29.93 -0.43 0.00
NEG CENTRAL___STATE_STREET 24147	27.98 0.25 0.00	32.58 0.34 0.00	28.25 0.21 0.00	26.37 0.20 0.00	28.28 0.21 0.00	32.64 0.40 0.00	36.69 0.40 0.00	44.28 0.27 0.00	27.90 0.25 0.00	24.20 0.19 0.00	22.02 0.13 0.00	19.61 0.12 0.00	19.26 0.02 0.00	22.68 0.05 0.00	24.63 0.02 0.00	31.06 0.05 0.00	38.42 0.21 0.00	38.01 0.06 0.00	37.95 -0.19 0.00	35.39 -0.14 0.00	38.59 -0.30 0.00	33.37 -0.26 -0.02	33.05 -0.24 0.00	30.31 -0.06 0.00
NEG MILLWOOD___DRP 24198	29.26 1.53 0.00	33.84 1.61 0.00	29.44 1.41 0.00	27.41 1.25 0.00	29.49 1.42 0.00	33.82 1.57 0.00	38.07 1.78 0.00	46.34 2.33 0.00	29.15 1.51 0.00	25.41 1.40 0.00	23.27 1.39 0.00	20.71 1.22 0.00	20.46 1.22 0.00	24.07 1.44 0.00	26.09 1.48 0.00	32.91 1.89 0.00	40.54 2.33 0.00	40.45 2.50 0.00	40.66 2.52 0.00	37.83 2.31 0.00	41.42 2.53 0.00	35.75 2.14 0.00	35.24 1.94 0.00	32.03 1.67 0.00
NEG NORTH_FLCN_SEA 23793	26.11 -1.62 0.00	30.80 -1.43 0.00	26.61 -1.43 0.00	24.94 -1.23 0.00	26.50 -1.58 0.00	30.56 -1.68 0.00	35.03 -1.26 0.00	42.04 -1.98 0.00	26.38 -1.27 0.00	23.05 -0.95 0.00	20.70 -1.19 0.00	18.54 -0.95 0.00	18.19 -1.05 0.00	21.67 -0.97 0.00	24.40 -0.21 0.00	30.51 -0.51 0.00	37.25 -0.95 0.00	37.69 -0.27 0.00	38.87 0.72 0.00	36.79 1.26 0.00	40.27 1.38 0.00	34.93 1.32 0.00	34.04 0.75 0.00	30.83 0.46 0.00
NEG NORTH_KES_CHATEGAY 23792	25.94 -1.79 0.00	30.56 -1.68 0.00	26.42 -1.62 0.00	24.74 -1.43 0.00	26.27 -1.81 0.00	30.30 -1.95 0.00	34.75 -1.53 0.00	41.65 -2.36 0.00	26.22 -1.43 0.00	22.91 -1.10 0.00	20.57 -1.32 0.00	18.43 -1.06 0.00	18.07 -1.17 0.00	21.46 -1.18 0.00	24.18 -0.43 0.00	30.25 -0.77 0.00	36.96 -1.25 0.00	37.49 -0.46 0.00	38.68 0.54 0.00	36.65 1.12 0.00	40.11 1.22 0.00	34.70 1.09 0.00	33.89 0.59 0.00	30.62 0.25 0.00
NEG NORTH___ALICE_FALLS 23915	26.29 -1.44 0.00	30.99 -1.24 0.00	26.77 -1.26 0.00	25.09 -1.08 0.00	26.65 -1.42 0.00	30.75 -1.49 0.00	35.24 -1.04 0.00	42.30 -1.71 0.00	26.56 -1.09 0.00	23.19 -0.81 0.00	20.81 -1.07 0.00	18.64 -0.85 0.00	18.29 -0.95 0.00	21.77 -0.87 0.00	24.53 -0.08 0.00	30.69 -0.33 0.00	37.51 -0.70 0.00	37.98 0.03 0.00	39.17 1.03 0.00	37.08 1.55 0.00	40.57 1.68 0.00	35.15 1.54 0.00	34.27 0.97 0.00	31.00 0.64 0.00
NEG NORTH___LWR_SARANAC 23913	26.29 -1.44 0.00	30.99 -1.24 0.00	26.77 -1.26 0.00	25.09 -1.08 0.00	26.65 -1.42 0.00	30.75 -1.49 0.00	35.24 -1.04 0.00	42.30 -1.71 0.00	26.56 -1.09 0.00	23.19 -0.81 0.00	20.81 -1.07 0.00	18.64 -0.85 0.00	18.29 -0.95 0.00	21.77 -0.87 0.00	24.53 -0.08 0.00	30.69 -0.33 0.00	37.51 -0.70 0.00	37.98 0.03 0.00	39.17 1.03 0.00	37.08 1.55 0.00	40.57 1.68 0.00	35.15 1.54 0.00	34.27 0.97 0.00	31.00 0.64 0.00
NEG NORTH___PLATTSBURG 23628	26.30 -1.44 0.00	30.99 -1.24 0.00	26.78 -1.26 0.00	25.09 -1.08 0.00	26.65 -1.42 0.00	30.75 -1.49 0.00	35.24 -1.04 0.00	42.30 -1.71 0.00	26.56 -1.09 0.00	23.19 -0.81 0.00	20.81 -1.07 0.00	18.64 -0.85 0.00	18.29 -0.94 0.00	21.77 -0.87 0.00	24.53 -0.08 0.00	30.70 -0.32 0.00	37.51 -0.70 0.00	37.98 0.03 0.00	39.17 1.03 0.00	37.08 1.55 0.00	40.56 1.68 0.00	35.15 1.54 0.00	34.27 0.97 0.00	31.00 0.64 0.00
NEG WEST_LEA_LOCKPORT 23791	27.24 -0.48 0.00	31.86 -0.37 0.00	27.72 -0.31 0.00	25.98 -0.19 0.00	27.73 -0.35 0.00	31.83 -0.41 0.00	34.93 -1.36 0.00	41.51 -2.50 0.00	26.63 -1.02 0.00	23.38 -0.63 0.00	21.32 -0.57 0.00	18.98 -0.51 0.00	18.50 -0.73 0.00	21.57 -1.06 0.00	23.11 -1.50 0.00	28.80 -2.21 0.00	35.93 -2.27 0.00	34.98 -2.98 0.00	34.67 -3.47 0.00	32.44 -3.09 0.00	35.03 -3.86 0.00	30.11 -3.44 0.06	30.24 -3.05 0.00	28.57 -1.79 0.00
NEG WEST___LANCASTR 23811	28.52 0.79 0.00	33.47 1.23 0.00	29.08 1.04 0.00	27.27 1.10 0.00	29.14 1.07 0.00	33.38 1.14 0.00	36.71 0.42 0.00	43.90 -0.11 0.00	28.02 0.38 0.00	24.71 0.70 0.00	22.51 0.63 0.00	20.06 0.57 0.00	19.55 0.32 0.00	22.85 0.21 0.00	24.57 -0.03 0.00	30.64 -0.38 0.00	38.12 -0.09 0.00	37.11 -0.84 0.00	36.74 -1.41 0.00	34.29 -1.23 0.00	37.09 -1.80 0.00	31.94 -1.60 0.07	32.08 -1.21 0.00	30.01 -0.35 0.00
NEG_PENN_ALLEGHNY 23528	28.60 0.37 -0.50	38.63 0.43 -5.96	30.27 0.41 -1.83	27.56 0.38 -1.02	29.18 0.41 -0.69	34.26 0.45 -1.57	39.37 0.50 -2.58	45.17 0.69 -0.47	28.75 0.44 -0.67	24.60 0.40 -0.20	22.48 0.32 -0.27	20.29 0.26 -0.54	19.85 0.21 -0.40	23.42 0.24 -0.55	25.67 0.23 -0.83	31.90 0.32 -0.57	40.11 0.46 -1.44	41.45 0.35 -3.15	38.64 0.28 -0.21	35.89 0.17 -0.19	38.99 0.10 0.00	33.64 0.04 0.00	33.38 0.08 0.00	30.49 0.13 0.00
NEG___GEN_MONROE 24207	27.61 -0.12 0.00	32.28 0.05 0.00	28.13 0.09 0.00	26.31 0.14 0.00	28.13 0.05 0.00	32.36 0.12 0.00	35.82 -0.47 0.00	42.84 -1.17 0.00	27.23 -0.41 0.00	23.82 -0.19 0.00	21.69 -0.20 0.00	19.30 -0.19 0.00	18.88 -0.36 0.00	22.09 -0.54 0.00	23.84 -0.77 0.00	29.89 -1.13 0.00	37.20 -1.01 0.00	36.53 -1.42 0.00	36.41 -1.73 0.00	33.97 -1.56 0.00	36.86 -2.03 0.00	31.69 -1.88 0.04	31.67 -1.63 0.00	29.42 -0.95 0.00



NEPA___ENERGY 23901	28.03 0.29 0.00	32.85 0.62 0.00	28.53 0.50 0.00	26.75 0.58 0.00	28.55 0.48 0.00	32.80 0.55 0.00	36.06 -0.23 0.00	42.99 -1.02 0.00	27.51 -0.13 0.00	24.17 0.16 0.00	22.02 0.14 0.00	19.60 0.10 0.00	19.08 -0.15 0.00	22.26 -0.38 0.00	23.88 -0.73 0.00	29.87 -1.15 0.00	37.25 -0.96 0.00	36.07 -1.88 0.00	35.50 -2.64 0.00	33.09 -2.44 0.00	35.71 -3.18 0.00	30.69 -2.84 0.07	30.83 -2.46 0.00	29.01 -1.36 0.00
NEVERSINK___HYD 23608	29.24 1.51 0.00	33.88 1.65 0.00	29.49 1.46 0.00	27.47 1.30 0.00	29.55 1.47 0.00	33.91 1.66 0.00	38.16 1.87 0.00	46.44 2.43 0.00	29.15 1.50 0.00	25.32 1.32 0.00	23.13 1.24 0.00	20.56 1.08 0.00	20.32 1.08 0.00	23.91 1.28 0.00	25.95 1.34 0.00	32.82 1.80 0.00	40.52 2.31 0.00	40.41 2.46 0.00	40.62 2.48 0.00	37.80 2.27 0.00	41.37 2.48 0.00	35.70 2.09 0.00	35.23 1.94 0.00	32.02 1.65 0.00
NEWKRMKL_115KV_TB1 55635	27.94 0.21 0.00	32.47 0.23 0.00	28.21 0.18 0.00	26.34 0.17 0.00	28.25 0.18 0.00	32.44 0.19 0.00	36.60 0.31 0.00	44.47 0.46 0.00	27.86 0.22 0.00	24.16 0.16 0.00	21.97 0.08 0.00	19.61 0.12 0.00	19.43 0.19 0.00	22.95 0.32 0.00	25.05 0.44 0.00	31.63 0.61 0.00	38.89 0.69 0.00	38.70 0.75 0.00	38.90 0.76 0.00	36.25 0.72 0.00	39.70 0.82 0.00	34.28 0.67 0.00	33.80 0.51 0.00	30.78 0.41 0.00
NEWTON___FALLS_HYD 23847	27.31 -0.42 0.00	31.93 -0.30 0.00	27.79 -0.25 0.00	25.99 -0.18 0.00	27.75 -0.33 0.00	32.04 -0.20 0.00	36.24 -0.05 0.00	43.50 -0.51 0.00	27.26 -0.38 0.00	23.58 -0.43 0.00	21.29 -0.59 0.00	19.00 -0.49 0.00	18.76 -0.47 0.00	22.19 -0.45 0.00	24.65 0.04 0.00	30.99 -0.03 0.00	38.29 0.08 0.00	38.26 0.31 0.00	39.03 0.89 0.00	36.67 1.15 0.00	40.22 1.33 0.00	34.64 1.03 0.00	33.72 0.43 0.00	30.32 -0.04 0.00
NGRID_A1_DSASP 323792	25.56 -0.89 1.29	16.19 -0.63 15.41	22.62 -0.68 4.73	23.03 -0.51 2.62	25.53 -0.75 1.79	27.40 -0.78 4.05	27.81 -1.81 6.66	39.58 -3.21 1.22	24.50 -1.42 1.73	22.48 -1.02 0.51	20.29 -0.89 0.71	17.30 -0.79 1.40	17.18 -1.02 1.03	19.82 -1.39 1.42	20.60 -1.87 2.15	26.82 -2.72 1.47	31.62 -2.87 3.72	26.30 -3.51 8.14	33.48 -4.12 0.54	31.38 -3.66 0.49	34.42 -4.47 0.00	29.55 -3.99 0.06	29.71 -3.58 0.00	28.07 -2.29 0.00
NGRID_A2_DSASP 323793	25.56 -0.89 1.29	16.19 -0.63 15.41	22.62 -0.68 4.73	23.03 -0.51 2.62	25.53 -0.75 1.79	27.40 -0.78 4.05	27.81 -1.81 6.66	39.58 -3.21 1.22	24.50 -1.42 1.73	22.48 -1.02 0.51	20.29 -0.89 0.71	17.30 -0.79 1.40	17.18 -1.02 1.03	19.82 -1.39 1.42	20.60 -1.87 2.15	26.82 -2.72 1.47	31.62 -2.87 3.72	26.30 -3.51 8.14	33.48 -4.12 0.54	31.38 -3.66 0.49	34.42 -4.47 0.00	29.55 -3.99 0.06	29.71 -3.58 0.00	28.07 -2.29 0.00
NGRID_A4_DSASP 323807	25.56 -0.89 1.29	16.19 -0.63 15.41	22.62 -0.68 4.73	23.03 -0.51 2.62	25.53 -0.75 1.79	27.40 -0.78 4.05	27.81 -1.81 6.66	39.58 -3.21 1.22	24.50 -1.42 1.73	22.48 -1.02 0.51	20.29 -0.89 0.71	17.30 -0.79 1.40	17.18 -1.02 1.03	19.82 -1.39 1.42	20.60 -1.87 2.15	26.82 -2.72 1.47	31.62 -2.87 3.72	26.30 -3.51 8.14	33.48 -4.12 0.54	31.38 -3.66 0.49	34.42 -4.47 0.00	29.55 -3.99 0.06	29.71 -3.58 0.00	28.07 -2.29 0.00
NIAGARA_115E_LBMP 323715	25.57 -0.90 1.27	16.15 -0.93 15.15	22.58 -0.80 4.65	22.95 -0.64 2.58	25.50 -0.81 1.76	27.29 -0.97 3.98	27.74 -2.00 6.55	39.50 -3.31 1.20	24.47 -1.48 1.70	22.44 -1.06 0.51	20.27 -0.92 0.69	17.25 -0.87 1.37	17.15 -1.07 1.01	19.77 -1.47 1.39	20.53 -1.97 2.11	26.76 -2.81 1.45	31.52 -3.03 3.66	26.23 -3.72 8.01	33.44 -4.18 0.53	31.33 -3.72 0.48	34.38 -4.51 0.00	29.54 -4.01 0.06	29.70 -3.59 0.00	28.17 -2.20 0.00
NIAGARA_115W_LBMP 323714	25.50 -0.94 1.29	16.15 -0.68 15.40	22.58 -0.73 4.73	22.99 -0.56 2.62	25.48 -0.80 1.79	27.34 -0.85 4.05	27.75 -1.88 6.66	39.49 -3.30 1.22	24.44 -1.48 1.72	22.43 -1.06 0.51	20.25 -0.93 0.71	17.26 -0.83 1.39	17.14 -1.06 1.03	19.78 -1.44 1.42	20.55 -1.91 2.15	26.76 -2.78 1.47	31.55 -2.94 3.72	26.24 -3.57 8.14	33.41 -4.19 0.54	31.32 -3.72 0.49	34.35 -4.54 0.00	29.49 -4.05 0.06	29.66 -3.63 0.00	28.02 -2.35 0.00
NIAGARA_230_LBMP 323716	25.68 -0.77 1.28	16.28 -0.60 15.35	22.73 -0.59 4.71	23.14 -0.41 2.61	25.67 -0.62 1.78	27.51 -0.69 4.04	27.98 -1.66 6.64	39.93 -2.87 1.22	24.65 -1.28 1.72	22.64 -0.86 0.51	20.44 -0.75 0.70	17.42 -0.68 1.39	17.30 -0.91 1.03	19.97 -1.25 1.41	20.77 -1.70 2.14	27.06 -2.49 1.47	31.86 -2.64 3.70	26.52 -3.32 8.11	33.80 -3.81 0.54	31.66 -3.38 0.49	34.75 -4.14 0.00	29.85 -3.70 0.06	30.00 -3.29 0.00	28.29 -2.08 0.00
NIAGARA___115KV_198_GIBSON 55903	26.79 -0.94 0.00	31.54 -0.69 0.00	27.32 -0.71 0.00	25.62 -0.55 0.00	27.29 -0.79 0.00	31.41 -0.84 0.00	34.43 -1.86 0.00	40.72 -3.29 0.00	26.16 -1.49 0.00	22.94 -1.06 0.00	20.93 -0.96 0.00	18.66 -0.83 0.00	18.19 -1.04 0.00	21.21 -1.43 0.00	22.69 -1.92 0.00	28.23 -2.79 0.00	35.26 -2.95 0.00	34.36 -3.59 0.00	33.96 -4.18 0.00	31.80 -3.73 0.00	34.32 -4.56 0.00	29.49 -4.05 0.06	29.66 -3.63 0.00	28.02 -2.35 0.00
NIAGARA___ 23760	25.69 -0.77 1.27	16.42 -0.60 15.21	22.77 -0.59 4.67	23.16 -0.41 2.59	25.68 -0.62 1.77	27.55 -0.69 4.01	28.03 -1.66 6.60	39.93 -2.87 1.21	24.66 -1.28 1.71	22.64 -0.86 0.51	20.44 -0.75 0.70	17.43 -0.68 1.39	17.31 -0.91 1.02	19.97 -1.25 1.41	20.78 -1.70 2.13	27.06 -2.49 1.46	31.87 -2.64 3.69	26.56 -3.32 8.08	33.80 -3.81 0.53	31.66 -3.38 0.49	34.75 -4.14 0.00	29.85 -3.70 0.06	30.00 -3.29 0.00	28.29 -2.08 0.00
NINE_MILE_1 23575	27.00 -0.73 0.00	31.41 -0.83 0.00	27.31 -0.73 0.00	25.50 -0.67 0.00	27.36 -0.72 0.00	31.42 -0.82 0.00	35.30 -0.99 0.00	42.76 -1.25 0.00	26.90 -0.75 0.00	23.36 -0.64 0.00	21.30 -0.59 0.00	18.97 -0.52 0.00	18.69 -0.54 0.00	21.92 -0.71 0.00	23.74 -0.87 0.00	29.88 -1.13 0.00	36.86 -1.34 0.00	36.55 -1.40 0.00	36.69 -1.46 0.00	34.16 -1.37 0.00	37.33 -1.56 0.00	32.29 -1.32 0.00	32.18 -1.11 0.00	29.42 -0.95 0.00
NINE_MILE_2 23744	27.00 -0.73 0.00	31.41 -0.83 0.00	27.31 -0.72 0.00	25.50 -0.67 0.00	27.36 -0.72 0.00	31.43 -0.81 0.00	35.30 -0.99 0.00	42.77 -1.24 0.00	26.90 -0.74 0.00	23.37 -0.64 0.00	21.31 -0.58 0.00	18.98 -0.52 0.00	18.69 -0.54 0.00	21.92 -0.71 0.00	23.74 -0.87 0.00	29.88 -1.13 0.00	36.86 -1.34 0.00	36.55 -1.40 0.00	36.69 -1.46 0.00	34.16 -1.37 0.00	37.33 -1.56 0.00	32.29 -1.32 0.00	32.18 -1.11 0.00	29.42 -0.95 0.00
NM_CAPITAL___DRP 24208	28.00 0.27 0.00	32.55 0.31 0.00	28.29 0.25 0.00	26.41 0.24 0.00	28.32 0.25 0.00	32.51 0.27 0.00	36.70 0.41 0.00	44.59 0.58 0.00	27.94 0.29 0.00	24.21 0.20 0.00	22.01 0.13 0.00	19.63 0.14 0.00	19.45 0.22 0.00	22.99 0.36 0.00	25.11 0.51 0.00	31.71 0.69 0.00	38.98 0.77 0.00	38.79 0.84 0.00	38.98 0.84 0.00	36.33 0.80 0.00	39.81 0.92 0.00	34.38 0.77 0.00	33.89 0.60 0.00	30.87 0.50 0.00



NM_CENTRAL___DRP 24181	27.55 -0.18 0.00	32.04 -0.19 0.00	27.88 -0.16 0.00	26.03 -0.13 0.00	27.92 -0.16 0.00	32.07 -0.17 0.00	36.03 -0.26 0.00	43.64 -0.37 0.00	27.44 -0.20 0.00	23.83 -0.17 0.00	21.73 -0.15 0.00	19.34 -0.15 0.00	19.07 -0.17 0.00	22.38 -0.26 0.00	24.24 -0.36 0.00	30.55 -0.46 0.00	37.72 -0.48 0.00	37.38 -0.57 0.00	37.49 -0.66 0.00	34.86 -0.67 0.00	38.09 -0.80 0.00	32.91 -0.70 0.00	32.76 -0.54 0.00	29.94 -0.43 0.00
NM_FRONTIER___DRP 24179	26.79 -0.94 0.00	31.54 -0.69 0.00	27.32 -0.71 0.00	25.62 -0.55 0.00	27.29 -0.79 0.00	31.41 -0.84 0.00	34.43 -1.86 0.00	40.72 -3.29 0.00	26.16 -1.49 0.00	22.94 -1.06 0.00	20.93 -0.96 0.00	18.66 -0.83 0.00	18.19 -1.04 0.00	21.21 -1.43 0.00	22.69 -1.92 0.00	28.23 -2.79 0.00	35.26 -2.95 0.00	34.36 -3.59 0.00	33.96 -4.18 0.00	31.80 -3.73 0.00	34.32 -4.56 0.00	29.49 -4.05 0.06	29.66 -3.63 0.00	28.02 -2.35 0.00
NM_ST_REGIS___HYD 24053	26.55 -1.18 0.00	31.11 -1.12 0.00	26.98 -1.05 0.00	25.26 -0.91 0.00	26.86 -1.21 0.00	31.07 -1.17 0.00	35.38 -0.91 0.00	42.32 -1.69 0.00	26.65 -0.99 0.00	23.20 -0.81 0.00	20.88 -1.01 0.00	18.65 -0.85 0.00	18.31 -0.92 0.00	21.66 -0.97 0.00	24.34 -0.27 0.00	30.51 -0.51 0.00	37.49 -0.72 0.00	37.86 -0.09 0.00	38.95 0.80 0.00	36.84 1.31 0.00	40.35 1.47 0.00	34.81 1.20 0.00	33.97 0.68 0.00	30.67 0.30 0.00
NORTHPORT___1 23551	29.20 1.47 0.00	33.75 1.52 0.00	29.31 1.27 0.00	27.18 1.01 0.00	29.21 1.13 0.00	33.36 1.12 0.00	37.54 1.25 0.00	45.76 1.75 0.00	28.90 1.26 0.00	25.12 1.11 0.00	23.20 1.31 0.00	20.69 1.21 0.00	20.44 1.21 0.00	23.76 1.72 0.59	26.21 1.60 0.00	32.90 1.88 0.00	40.31 2.20 0.10	38.80 2.40 1.55	40.38 2.32 0.08	37.54 2.01 0.00	41.34 2.45 0.00	35.68 2.07 0.00	34.46 1.84 0.67	31.92 1.56 0.00
NORTHPORT___2 23552	29.20 1.47 0.00	33.75 1.52 0.00	29.31 1.27 0.00	27.18 1.01 0.00	29.21 1.13 0.00	33.36 1.12 0.00	37.54 1.25 0.00	45.76 1.75 0.00	28.90 1.26 0.00	25.12 1.11 0.00	23.20 1.31 0.00	20.69 1.21 0.00	20.44 1.21 0.00	23.76 1.72 0.59	26.21 1.60 0.00	32.90 1.88 0.00	40.31 2.20 0.10	38.80 2.40 1.55	40.38 2.32 0.08	37.54 2.01 0.00	41.34 2.45 0.00	35.68 2.07 0.00	34.46 1.84 0.67	31.92 1.56 0.00
NORTHPORT___3 23553	29.10 1.37 0.00	33.63 1.40 0.00	29.21 1.18 0.00	27.11 0.94 0.00	29.11 1.03 0.00	33.24 1.00 0.00	37.40 1.11 0.00	45.57 1.56 0.00	28.80 1.15 0.00	25.05 1.04 0.00	23.13 1.24 0.00	20.62 1.14 0.00	20.36 1.13 0.00	23.63 1.60 0.61	26.10 1.49 0.00	32.77 1.75 0.00	40.12 2.01 0.10	38.58 2.21 1.58	40.19 2.13 0.08	37.36 1.83 0.00	41.13 2.25 0.00	35.53 1.92 0.00	34.32 1.72 0.69	31.81 1.45 0.00
NORTHPORT___4 23650	29.10 1.37 0.00	33.63 1.40 0.00	29.21 1.18 0.00	27.11 0.94 0.00	29.11 1.03 0.00	33.24 1.00 0.00	37.40 1.11 0.00	45.57 1.56 0.00	28.80 1.15 0.00	25.05 1.04 0.00	23.13 1.24 0.00	20.62 1.14 0.00	20.36 1.13 0.00	23.63 1.60 0.61	26.10 1.49 0.00	32.77 1.75 0.00	40.12 2.01 0.10	38.58 2.21 1.58	40.19 2.13 0.08	37.36 1.83 0.00	41.13 2.25 0.00	35.53 1.92 0.00	34.32 1.72 0.69	31.81 1.45 0.00
NORTHPORT___IC 23718	29.20 1.47 0.00	33.76 1.53 0.00	29.30 1.27 0.00	27.18 1.01 0.00	29.20 1.13 0.00	33.36 1.12 0.00	37.54 1.25 0.00	45.76 1.75 0.00	28.91 1.26 0.00	25.12 1.11 0.00	23.20 1.31 0.00	20.69 1.21 0.00	20.44 1.21 0.00	23.76 1.72 0.59	26.20 1.59 0.00	32.90 1.88 0.00	40.31 2.20 0.10	38.81 2.41 1.55	40.38 2.33 0.08	37.54 2.01 0.00	41.33 2.45 0.00	35.69 2.08 0.00	34.46 1.84 0.67	31.92 1.56 0.00
NORTH___COUNTRY_ESR 323785	25.88 -1.86 0.00	30.47 -1.76 0.00	26.35 -1.68 0.00	24.67 -1.49 0.00	26.20 -1.88 0.00	30.21 -2.03 0.00	34.65 -1.64 0.00	41.52 -2.49 0.00	26.16 -1.49 0.00	22.89 -1.12 0.00	20.56 -1.32 0.00	18.40 -1.09 0.00	18.05 -1.19 0.00	21.42 -1.21 0.00	24.15 -0.46 0.00	30.19 -0.83 0.00	36.85 -1.36 0.00	37.38 -0.57 0.00	38.57 0.43 0.00	36.53 1.00 0.00	39.99 1.11 0.00	34.60 0.99 0.00	33.80 0.51 0.00	30.53 0.17 0.00
NPX_GEN_1385_PROXY 323591	29.15 1.42 0.00	33.75 1.52 0.00	29.30 1.27 0.00	27.06 0.90 0.00	29.05 0.97 0.00	32.95 0.71 0.00	37.35 1.06 0.00	45.63 1.62 0.00	28.87 1.22 0.00	24.86 0.85 0.00	22.99 1.10 0.00	20.60 1.11 0.00	20.35 1.13 0.00	23.73 1.68 0.59	26.26 1.66 0.00	33.14 2.13 0.00	40.80 2.69 0.10	39.15 2.75 1.55	40.86 2.80 0.08	37.98 2.45 0.00	41.63 2.74 0.00	35.73 2.12 0.00	34.18 1.56 0.67	31.87 1.51 0.00
NPX_GEN_CSC 323557	29.36 1.63 0.00	33.90 1.67 0.00	29.39 1.35 0.00	27.24 1.08 0.00	29.29 1.22 0.00	33.53 1.29 0.00	37.76 1.47 0.00	46.08 2.07 0.00	29.03 1.38 0.00	25.17 1.16 0.00	23.30 1.41 0.00	20.82 1.33 0.00	20.62 1.39 0.00	24.11 2.00 0.52	26.57 1.96 0.00	33.50 2.48 0.00	41.11 2.99 0.09	39.83 3.24 1.37	41.13 3.07 0.07	38.22 2.69 0.00	42.13 3.24 0.00	36.31 2.70 0.00	35.15 2.44 0.59	32.34 1.98 0.00
NSINS_S___GLNS_FALLS 23858	29.39 1.66 0.00	34.23 2.00 0.00	29.68 1.65 0.00	27.81 1.64 0.00	29.78 1.70 0.00	34.24 1.99 0.00	38.75 2.46 0.00	47.08 3.07 0.00	29.36 1.71 0.00	25.14 1.14 0.00	22.88 0.99 0.00	20.35 0.86 0.00	20.23 1.00 0.00	24.05 1.42 0.00	26.35 1.74 0.00	33.33 2.31 0.00	41.17 2.96 0.00	41.02 3.06 0.00	41.05 2.91 0.00	38.14 2.61 0.00	41.65 2.76 0.00	35.95 2.33 0.00	35.30 2.01 0.00	32.28 1.91 0.00
NUCOR_STEEL___DRP 24197	27.95 0.22 0.00	32.55 0.32 0.00	28.19 0.16 0.00	26.33 0.16 0.00	28.24 0.16 0.00	32.60 0.36 0.00	36.65 0.36 0.00	44.22 0.21 0.00	27.87 0.22 0.00	24.18 0.17 0.00	22.01 0.12 0.00	19.60 0.11 0.00	19.24 0.01 0.00	22.67 0.03 0.00	24.61 0.00 0.00	31.03 0.01 0.00	38.38 0.17 0.00	37.96 0.02 0.00	37.91 -0.23 0.00	35.38 -0.15 0.00	38.58 -0.31 0.00	33.37 -0.27 -0.02	33.03 -0.26 0.00	30.29 -0.07 0.00
NUMBER_THREE_WT_PWR 323818	28.01 0.28 0.00	32.75 0.52 0.00	28.55 0.52 0.00	26.71 0.54 0.00	28.62 0.54 0.00	32.96 0.71 0.00	37.11 0.82 0.00	44.74 0.74 0.00	27.97 0.33 0.00	24.11 0.11 0.00	21.88 -0.01 0.00	19.50 0.01 0.00	19.33 0.10 0.00	22.87 0.24 0.00	25.11 0.50 0.00	31.63 0.61 0.00	39.21 1.00 0.00	38.81 0.86 0.00	39.32 1.18 0.00	36.69 1.16 0.00	40.29 1.41 0.00	34.72 1.11 0.00	33.68 0.39 0.00	30.14 -0.22 0.00
NYISO_LBMP_REFERENCE 24008	27.73 0.00 0.00	32.23 0.00 0.00	28.03 0.00 0.00	26.17 0.00 0.00	28.08 0.00 0.00	32.24 0.00 0.00	36.29 0.00 0.00	44.01 0.00 0.00	27.65 0.00 0.00	24.01 0.00 0.00	21.89 0.00 0.00	19.49 0.00 0.00	19.23 0.00 0.00	22.64 0.00 0.00	24.61 0.00 0.00	31.01 0.00 0.00	38.21 0.00 0.00	37.95 0.00 0.00	38.14 0.00 0.00	35.53 0.00 0.00	38.89 0.00 0.00	33.61 0.00 0.00	33.30 0.00 0.00	30.37 0.00 0.00



NYPA_BRENTWD____GT 24164	29.45 1.72 0.00	34.04 1.81 0.00	29.53 1.50 0.00	27.40 1.23 0.00	29.45 1.37 0.00	33.66 1.42 0.00	37.89 1.60 0.00	46.18 2.17 0.00	29.14 1.49 0.00	25.32 1.31 0.00	23.37 1.48 0.00	20.84 1.35 0.00	20.59 1.36 0.00	24.13 1.92 0.43	26.46 1.85 0.00	33.26 2.24 0.00	40.77 2.63 0.07	39.64 2.83 1.15	40.84 2.76 0.06	38.03 2.50 0.00	41.87 2.98 0.00	36.11 2.50 0.00	35.07 2.26 0.49	32.25 1.89 0.00
NYPA_GOWANUS____GT5 24156	29.35 1.62 0.00	33.98 1.75 0.00	29.58 1.55 0.00	27.52 1.35 0.00	29.61 1.53 0.00	33.93 1.69 0.00	38.16 1.87 0.00	46.49 2.48 0.00	29.30 1.66 0.00	25.59 1.58 0.00	23.48 1.60 0.00	20.88 1.39 0.00	20.62 1.39 0.00	24.27 1.63 0.00	26.25 1.64 0.00	33.04 2.03 0.00	40.63 2.42 0.00	40.56 2.61 0.00	40.77 2.63 0.00	37.98 2.45 0.00	41.64 2.75 0.00	36.00 2.38 0.00	35.48 2.19 0.00	32.22 1.85 0.00
NYPA_GOWANUS____GT6 24157	29.35 1.62 0.00	33.98 1.75 0.00	29.58 1.55 0.00	27.52 1.35 0.00	29.61 1.53 0.00	33.93 1.69 0.00	38.16 1.87 0.00	46.49 2.48 0.00	29.30 1.66 0.00	25.59 1.58 0.00	23.48 1.60 0.00	20.88 1.39 0.00	20.62 1.39 0.00	24.27 1.63 0.00	26.25 1.64 0.00	33.04 2.03 0.00	40.63 2.42 0.00	40.56 2.61 0.00	40.77 2.63 0.00	37.98 2.45 0.00	41.64 2.75 0.00	36.00 2.38 0.00	35.48 2.19 0.00	32.22 1.85 0.00
NYPA_HARLEM__RVR__GT1 24160	29.05 1.33 0.01	33.63 1.41 0.01	29.31 1.28 0.00	27.30 1.13 0.00	29.33 1.26 0.00	33.63 1.39 0.00	37.84 1.56 0.00	46.08 2.07 0.00	29.07 1.43 0.00	25.39 1.38 0.00	23.30 1.41 0.00	20.75 1.26 0.00	20.50 1.26 0.00	24.09 1.45 0.00	26.07 1.47 0.00	32.78 1.77 0.00	40.30 2.10 0.00	40.23 2.28 0.00	40.43 2.29 0.00	37.65 2.12 0.00	41.29 2.40 0.00	35.73 2.12 0.00	35.21 1.92 0.00	31.99 1.63 0.00
NYPA_HARLEM__RVR__GT2 24161	29.05 1.33 0.01	33.63 1.41 0.01	29.31 1.28 0.00	27.30 1.13 0.00	29.33 1.26 0.00	33.63 1.39 0.00	37.84 1.56 0.00	46.08 2.07 0.00	29.07 1.43 0.00	25.39 1.38 0.00	23.30 1.41 0.00	20.75 1.26 0.00	20.50 1.26 0.00	24.09 1.45 0.00	26.07 1.47 0.00	32.78 1.77 0.00	40.30 2.10 0.00	40.23 2.28 0.00	40.43 2.29 0.00	37.65 2.12 0.00	41.29 2.40 0.00	35.73 2.12 0.00	35.21 1.92 0.00	31.99 1.63 0.00
NYPA_KENT____GT 24152	29.31 1.58 0.00	33.93 1.70 0.00	29.53 1.50 0.00	27.49 1.32 0.00	29.55 1.48 0.00	33.87 1.63 0.00	38.10 1.81 0.00	46.40 2.40 0.00	29.25 1.60 0.00	25.57 1.56 0.00	23.45 1.57 0.00	20.85 1.36 0.00	20.60 1.37 0.00	24.24 1.61 0.00	26.22 1.62 0.00	33.00 1.98 0.00	40.57 2.36 0.00	40.48 2.53 0.00	40.69 2.55 0.00	37.91 2.38 0.00	41.56 2.67 0.00	35.93 2.32 0.00	35.42 2.13 0.00	32.18 1.81 0.00
NYPA_POUCH1____GT 24155	29.34 1.61 0.00	33.99 1.75 0.00	29.60 1.57 0.00	27.55 1.38 0.00	29.64 1.56 0.00	33.96 1.72 0.00	38.20 1.91 0.00	46.53 2.52 0.00	29.31 1.67 0.00	25.57 1.57 0.00	23.47 1.58 0.00	20.86 1.37 0.00	20.60 1.36 0.00	24.25 1.61 0.00	26.22 1.62 0.00	33.04 2.02 0.00	40.61 2.39 0.00	40.53 2.58 0.00	40.75 2.60 0.00	37.97 2.45 0.00	41.64 2.75 0.00	36.01 2.39 0.00	35.46 2.17 0.00	32.20 1.83 0.00
NYPA_VERNON____GT2 24162	29.27 1.54 0.00	33.87 1.64 0.00	29.47 1.44 0.00	27.43 1.27 0.00	29.50 1.42 0.00	33.80 1.56 0.00	38.01 1.72 0.00	46.31 2.30 0.00	29.19 1.55 0.00	25.52 1.51 0.00	23.41 1.53 0.00	20.82 1.33 0.00	20.57 1.34 0.00	24.20 1.57 0.00	26.18 1.57 0.00	32.93 1.92 0.00	40.50 2.29 0.00	40.39 2.44 0.00	40.60 2.46 0.00	37.82 2.30 0.00	41.46 2.58 0.00	35.85 2.24 0.00	35.37 2.07 0.00	32.13 1.77 0.00
NYPA_VERNON____GT3 24163	29.27 1.54 0.00	33.87 1.64 0.00	29.47 1.44 0.00	27.43 1.27 0.00	29.50 1.42 0.00	33.80 1.56 0.00	38.01 1.72 0.00	46.31 2.30 0.00	29.19 1.55 0.00	25.52 1.51 0.00	23.41 1.53 0.00	20.82 1.33 0.00	20.57 1.34 0.00	24.20 1.57 0.00	26.18 1.57 0.00	32.93 1.92 0.00	40.50 2.29 0.00	40.39 2.44 0.00	40.60 2.46 0.00	37.82 2.30 0.00	41.46 2.58 0.00	35.85 2.24 0.00	35.37 2.07 0.00	32.13 1.77 0.00
NYPA__ASTORIA_CC1 323568	29.22 1.49 0.00	33.83 1.60 0.00	29.42 1.39 0.00	27.39 1.22 0.00	29.45 1.37 0.00	33.75 1.51 0.00	37.95 1.66 0.00	46.22 2.21 0.00	29.15 1.50 0.00	25.49 1.48 0.00	23.38 1.49 0.00	20.79 1.30 0.00	20.54 1.30 0.00	24.17 1.53 0.00	26.14 1.53 0.00	32.87 1.86 0.00	40.42 2.21 0.00	40.33 2.38 0.00	40.54 2.40 0.00	37.76 2.23 0.00	41.39 2.51 0.00	35.79 2.18 0.00	35.30 2.01 0.00	32.07 1.71 0.00
NYPA__ASTORIA_CC2 323569	29.22 1.49 0.00	33.83 1.60 0.00	29.42 1.39 0.00	27.39 1.22 0.00	29.45 1.37 0.00	33.75 1.51 0.00	37.95 1.66 0.00	46.22 2.21 0.00	29.15 1.50 0.00	25.49 1.48 0.00	23.38 1.49 0.00	20.79 1.30 0.00	20.54 1.30 0.00	24.17 1.53 0.00	26.14 1.53 0.00	32.87 1.86 0.00	40.42 2.21 0.00	40.33 2.38 0.00	40.54 2.40 0.00	37.76 2.23 0.00	41.39 2.51 0.00	35.79 2.18 0.00	35.30 2.01 0.00	32.07 1.71 0.00
NYPA__HOLTSVILL 23794	29.27 1.54 0.00	33.82 1.59 0.00	29.34 1.31 0.00	27.22 1.05 0.00	29.25 1.18 0.00	33.46 1.21 0.00	37.66 1.37 0.00	45.91 1.90 0.00	28.96 1.31 0.00	25.15 1.15 0.00	23.24 1.36 0.00	20.74 1.25 0.00	20.51 1.28 0.00	23.93 1.82 0.53	26.34 1.73 0.00	33.13 2.12 0.00	40.65 2.53 0.09	39.36 2.79 1.38	40.73 2.66 0.07	37.86 2.33 0.00	41.70 2.81 0.00	35.96 2.35 0.00	34.82 2.12 0.60	32.10 1.74 0.00
NYPA__HELLGATE_GT1 24158	29.09 1.36 0.01	33.68 1.46 0.01	29.31 1.28 0.00	27.30 1.13 0.00	29.33 1.26 0.00	33.63 1.39 0.00	37.84 1.56 0.00	46.08 2.07 0.00	29.07 1.43 0.00	25.39 1.38 0.00	23.30 1.41 0.00	20.75 1.26 0.00	20.50 1.26 0.00	24.09 1.45 0.00	26.07 1.47 0.00	32.78 1.77 0.00	40.29 2.08 0.00	40.20 2.25 0.00	40.40 2.25 0.00	37.64 2.11 0.00	41.29 2.40 0.00	35.73 2.12 0.00	35.21 1.92 0.00	31.99 1.63 0.00
NYPA__HELLGATE_GT2 24159	29.09 1.36 0.01	33.68 1.46 0.01	29.31 1.28 0.00	27.30 1.13 0.00	29.33 1.26 0.00	33.63 1.39 0.00	37.84 1.56 0.00	46.08 2.07 0.00	29.07 1.43 0.00	25.39 1.38 0.00	23.30 1.41 0.00	20.75 1.26 0.00	20.50 1.26 0.00	24.09 1.45 0.00	26.07 1.47 0.00	32.78 1.77 0.00	40.29 2.08 0.00	40.20 2.25 0.00	40.40 2.25 0.00	37.64 2.11 0.00	41.29 2.40 0.00	35.73 2.12 0.00	35.21 1.92 0.00	31.99 1.63 0.00
NYS_BARGE__HYD 23848	26.10 -0.48 1.15	18.06 -0.37 13.79	23.44 -0.35 4.23	23.60 -0.22 2.35	26.11 -0.36 1.60	28.18 -0.43 3.63	28.94 -1.38 5.97	40.40 -2.52 1.09	25.10 -1.00 1.54	22.91 -0.64 0.46	20.72 -0.54 0.63	17.71 -0.53 1.25	17.57 -0.75 0.92	20.28 -1.08 1.27	21.18 -1.50 1.92	27.48 -2.22 1.32	32.62 -2.26 3.33	27.71 -2.95 7.29	34.21 -3.45 0.48	32.03 -3.06 0.44	35.09 -3.80 0.00	30.14 -3.41 0.06	30.27 -3.03 0.00	28.60 -1.76 0.00



OAK ORCHARD___HYD 24046	26.72 -0.36 0.66	24.10 -0.26 7.87	25.35 -0.27 2.41	24.66 -0.16 1.34	26.89 -0.27 0.91	29.89 -0.28 2.07	32.08 -0.80 3.40	41.96 -1.43 0.62	26.18 -0.58 0.88	23.39 -0.35 0.26	21.22 -0.31 0.36	18.48 -0.30 0.71	18.27 -0.44 0.52	21.29 -0.62 0.72	22.64 -0.88 1.10	29.00 -1.27 0.75	35.08 -1.23 1.90	32.18 -1.61 4.16	35.97 -1.90 0.27	33.56 -1.72 0.25	36.73 -2.16 0.00	31.59 -1.98 0.04	31.57 -1.73 0.00	29.27 -1.10 0.00
OAKDALE___35_KV_LOAD 356122	28.01 0.28 0.00	32.56 0.33 0.00	28.35 0.32 0.00	26.46 0.29 0.00	28.40 0.32 0.00	32.59 0.35 0.00	36.66 0.37 0.00	44.54 0.53 0.00	27.99 0.34 0.00	24.32 0.31 0.00	22.14 0.25 0.00	19.69 0.21 0.00	19.39 0.15 0.00	22.81 0.17 0.00	24.77 0.16 0.00	31.23 0.21 0.00	38.52 0.31 0.00	38.16 0.21 0.00	38.29 0.15 0.00	35.59 0.06 0.00	38.85 -0.03 0.00	33.55 -0.06 0.00	33.29 0.00 0.00	30.41 0.04 0.00
OCC_CHEM___DRP 24175	26.84 -0.89 0.00	31.60 -0.64 0.00	27.38 -0.66 0.00	25.68 -0.49 0.00	27.34 -0.74 0.00	31.46 -0.78 0.00	34.50 -1.79 0.00	40.81 -3.20 0.00	26.21 -1.43 0.00	22.99 -1.01 0.00	20.97 -0.92 0.00	18.70 -0.79 0.00	18.22 -1.01 0.00	21.25 -1.39 0.00	22.74 -1.87 0.00	28.29 -2.72 0.00	35.33 -2.88 0.00	34.43 -3.52 0.00	34.03 -4.11 0.00	31.87 -3.66 0.00	34.39 -4.49 0.00	29.55 -4.00 0.06	29.71 -3.58 0.00	28.07 -2.29 0.00
OH_GEN_PROXY 24063	25.55 -0.75 1.43	14.53 -0.60 17.09	22.20 -0.58 5.25	22.85 -0.41 2.91	25.49 -0.60 1.99	27.07 -0.68 4.50	27.27 -1.62 7.39	39.91 -2.74 1.35	24.52 -1.21 1.91	22.64 -0.80 0.57	20.40 -0.70 0.78	17.30 -0.64 1.55	17.22 -0.87 1.14	19.86 -1.20 1.58	20.60 -1.63 2.38	26.99 -2.39 1.64	31.55 -2.53 4.13	25.73 -3.19 9.03	33.89 -3.66 0.60	31.73 -3.25 0.54	34.91 -3.98 0.00	30.00 -3.55 0.06	30.13 -3.17 0.00	28.35 -2.02 0.00
OLIN_CORP_DRP 24177	26.87 -0.86 0.00	31.36 -0.87 0.00	27.31 -0.72 0.00	25.59 -0.58 0.00	27.32 -0.76 0.00	31.35 -0.89 0.00	34.38 -1.90 0.00	40.82 -3.19 0.00	26.21 -1.43 0.00	23.00 -1.00 0.00	20.98 -0.91 0.00	18.67 -0.82 0.00	18.21 -1.02 0.00	21.22 -1.41 0.00	22.69 -1.92 0.00	28.28 -2.74 0.00	35.26 -2.95 0.00	34.31 -3.64 0.00	34.05 -4.09 0.00	31.89 -3.64 0.00	34.44 -4.45 0.00	29.60 -3.94 0.06	29.76 -3.53 0.00	28.21 -2.15 0.00
OLIN_CORP_DSASP 323712	25.56 -0.89 1.29	16.19 -0.63 15.41	22.62 -0.68 4.73	23.03 -0.51 2.62	25.53 -0.75 1.79	27.40 -0.78 4.05	27.81 -1.81 6.66	39.58 -3.21 1.22	24.50 -1.42 1.73	22.48 -1.02 0.51	20.29 -0.89 0.71	17.30 -0.79 1.40	17.18 -1.02 1.03	19.82 -1.39 1.42	20.60 -1.87 2.15	26.82 -2.72 1.47	31.62 -2.87 3.72	26.30 -3.51 8.14	33.48 -4.12 0.54	31.38 -3.66 0.49	34.42 -4.47 0.00	29.55 -3.99 0.06	29.71 -3.58 0.00	28.07 -2.29 0.00
ONEIDA_HERK_LFGE 323681	28.18 0.45 0.00	32.84 0.61 0.00	28.60 0.57 0.00	26.73 0.56 0.00	28.67 0.59 0.00	32.97 0.72 0.00	37.14 0.85 0.00	44.93 0.92 0.00	28.16 0.51 0.00	24.37 0.36 0.00	22.17 0.28 0.00	19.74 0.25 0.00	19.50 0.27 0.00	23.02 0.39 0.00	25.16 0.55 0.00	31.75 0.73 0.00	39.24 1.03 0.00	38.90 0.95 0.00	39.23 1.09 0.00	36.56 1.03 0.00	40.07 1.18 0.00	34.54 0.93 0.00	33.89 0.59 0.00	30.65 0.29 0.00
ONEIDA___115KV_TB4 55905	28.32 0.59 0.00	32.97 0.74 0.00	28.73 0.70 0.00	26.84 0.68 0.00	28.82 0.74 0.00	33.13 0.89 0.00	37.29 1.00 0.00	45.21 1.20 0.00	28.36 0.71 0.00	24.56 0.55 0.00	22.36 0.47 0.00	19.88 0.39 0.00	19.61 0.37 0.00	23.15 0.52 0.00	25.20 0.59 0.00	31.88 0.86 0.00	39.37 1.17 0.00	38.99 1.04 0.00	39.17 1.03 0.00	36.45 0.92 0.00	39.87 0.98 0.00	34.39 0.78 0.00	33.98 0.69 0.00	30.91 0.55 0.00
ONONDAGA_REF_OCCRA 23987	27.73 0.00 0.00	32.24 0.01 0.00	28.05 0.02 0.00	26.19 0.03 0.00	28.10 0.02 0.00	32.28 0.04 0.00	36.29 0.00 0.00	43.97 -0.04 0.00	27.64 -0.01 0.00	23.98 -0.03 0.00	21.85 -0.03 0.00	19.46 -0.03 0.00	19.18 -0.05 0.00	22.53 -0.11 0.00	24.43 -0.18 0.00	30.80 -0.22 0.00	38.05 -0.16 0.00	37.71 -0.24 0.00	37.81 -0.33 0.00	35.16 -0.37 0.00	38.41 -0.48 0.00	33.20 -0.43 -0.02	33.00 -0.29 0.00	30.14 -0.22 0.00
ONONDAGA___COGEN 23986	27.71 -0.03 0.00	32.23 -0.01 0.00	28.02 -0.02 0.00	26.16 -0.01 0.00	28.06 -0.02 0.00	32.26 0.02 0.00	36.27 -0.02 0.00	43.92 -0.09 0.00	27.61 -0.04 0.00	23.96 -0.04 0.00	21.85 -0.04 0.00	19.44 -0.05 0.00	19.16 -0.07 0.00	22.51 -0.12 0.00	24.41 -0.20 0.00	30.76 -0.25 0.00	38.00 -0.21 0.00	37.65 -0.30 0.00	37.73 -0.41 0.00	35.11 -0.42 0.00	38.35 -0.54 0.00	33.14 -0.47 0.00	32.96 -0.34 0.00	30.12 -0.24 0.00
ONTARIO___LFGE 23819	27.94 0.21 0.00	32.52 0.29 0.00	28.37 0.33 0.00	26.48 0.31 0.00	28.38 0.30 0.00	32.65 0.41 0.00	36.61 0.32 0.00	44.26 0.25 0.00	27.91 0.26 0.00	24.22 0.21 0.00	21.94 0.06 0.00	19.55 0.06 0.00	19.16 -0.07 0.00	22.56 -0.07 0.00	24.48 -0.13 0.00	30.91 -0.10 0.00	38.30 0.09 0.00	37.77 -0.18 0.00	37.71 -0.43 0.00	35.01 -0.52 0.00	38.01 -0.88 0.00	32.75 -0.78 0.08	32.58 -0.72 0.00	29.93 -0.44 0.00
ORANGEVILLE_WT_PWR 323706	26.95 -0.20 0.59	25.32 0.10 7.01	25.95 0.06 2.15	25.11 0.14 1.19	27.32 0.06 0.82	30.50 0.10 1.84	32.76 -0.50 3.03	42.33 -1.12 0.56	26.51 -0.35 0.79	23.65 -0.12 0.23	21.39 -0.18 0.32	18.63 -0.22 0.63	18.30 -0.47 0.47	21.38 -0.61 0.65	22.78 -0.85 0.98	29.08 -1.27 0.67	35.33 -1.18 1.69	32.26 -1.99 3.71	35.06 -2.84 0.24	32.53 -2.78 0.22	35.48 -3.41 0.00	30.42 -3.09 0.10	30.48 -2.82 0.00	28.45 -1.92 0.00
ORANGEVILLE___ESR 323794	26.95 -0.20 0.59	25.32 0.10 7.01	25.95 0.06 2.15	25.11 0.14 1.19	27.32 0.06 0.82	30.50 0.10 1.84	32.76 -0.50 3.03	42.33 -1.12 0.56	26.51 -0.35 0.79	23.65 -0.12 0.23	21.39 -0.18 0.32	18.63 -0.22 0.63	18.30 -0.47 0.47	21.38 -0.61 0.65	22.78 -0.85 0.98	29.08 -1.27 0.67	35.33 -1.18 1.69	32.26 -1.99 3.71	35.06 -2.84 0.24	32.53 -2.78 0.22	35.48 -3.41 0.00	30.42 -3.09 0.10	30.48 -2.82 0.00	28.45 -1.92 0.00
OSWEGATCHIE___HYD 24044	27.31 -0.42 0.00	31.93 -0.30 0.00	27.78 -0.25 0.00	25.99 -0.18 0.00	27.75 -0.33 0.00	32.04 -0.20 0.00	36.24 -0.05 0.00	43.50 -0.51 0.00	27.26 -0.38 0.00	23.58 -0.43 0.00	21.29 -0.59 0.00	19.00 -0.49 0.00	18.77 -0.46 0.00	22.19 -0.45 0.00	24.64 0.04 0.00	30.99 -0.02 0.00	38.29 0.08 0.00	38.26 0.31 0.00	39.03 0.89 0.00	36.67 1.14 0.00	40.22 1.33 0.00	34.64 1.03 0.00	33.72 0.43 0.00	30.32 -0.04 0.00
OSWEGO___5 23606	27.24 -0.50 0.00	31.68 -0.55 0.00	27.55 -0.48 0.00	25.73 -0.44 0.00	27.60 -0.47 0.00	31.70 -0.53 0.00	35.63 -0.66 0.00	43.15 -0.86 0.00	27.14 -0.50 0.00	23.57 -0.43 0.00	21.49 -0.40 0.00	19.14 -0.36 0.00	18.85 -0.38 0.00	22.13 -0.51 0.00	23.97 -0.64 0.00	30.19 -0.83 0.00	37.27 -0.94 0.00	36.94 -1.01 0.00	37.07 -1.08 0.00	34.50 -1.02 0.00	37.70 -1.19 0.00	32.59 -1.02 0.00	32.45 -0.85 0.00	29.65 -0.71 0.00



OSWEGO___6 23613	27.24 -0.50 0.00	31.68 -0.55 0.00	27.55 -0.48 0.00	25.73 -0.44 0.00	27.60 -0.47 0.00	31.70 -0.53 0.00	35.63 -0.66 0.00	43.15 -0.86 0.00	27.14 -0.50 0.00	23.57 -0.43 0.00	21.49 -0.40 0.00	19.14 -0.36 0.00	18.85 -0.38 0.00	22.13 -0.51 0.00	23.97 -0.64 0.00	30.19 -0.83 0.00	37.27 -0.94 0.00	36.94 -1.01 0.00	37.07 -1.08 0.00	34.50 -1.02 0.00	37.70 -1.19 0.00	32.59 -1.02 0.00	32.45 -0.85 0.00	29.65 -0.71 0.00
OUTOKUMPU-AB___DRP 24206	27.50 -0.24 0.00	32.26 0.03 0.00	28.01 -0.03 0.00	26.26 0.09 0.00	28.00 -0.08 0.00	32.17 -0.07 0.00	35.33 -0.96 0.00	41.96 -2.05 0.00	26.91 -0.74 0.00	23.62 -0.38 0.00	21.53 -0.35 0.00	19.19 -0.31 0.00	18.70 -0.54 0.00	21.81 -0.82 0.00	23.37 -1.24 0.00	29.12 -1.89 0.00	36.36 -1.85 0.00	35.41 -2.54 0.00	35.04 -3.10 0.00	32.76 -2.77 0.00	35.36 -3.53 0.00	30.39 -3.15 0.06	30.52 -2.78 0.00	28.78 -1.58 0.00
OXBOW___BTM 323836	25.93 -0.51 1.29	16.60 -0.23 15.39	22.99 -0.32 4.73	23.37 -0.17 2.62	25.91 -0.37 1.79	27.82 -0.37 4.05	28.29 -1.34 6.66	40.23 -2.56 1.22	24.90 -1.03 1.72	22.84 -0.66 0.51	20.61 -0.57 0.71	17.58 -0.52 1.39	17.46 -0.75 1.03	20.15 -1.06 1.42	20.96 -1.50 2.15	27.29 -2.25 1.47	32.22 -2.28 3.72	26.88 -2.94 8.14	34.07 -3.54 0.54	31.89 -3.15 0.49	34.98 -3.91 0.00	30.03 -3.52 0.06	30.18 -3.12 0.00	28.47 -1.89 0.00
OXBOW____ 24026	27.22 -0.51 0.00	31.99 -0.24 0.00	27.74 -0.29 0.00	26.01 -0.16 0.00	27.71 -0.36 0.00	31.87 -0.37 0.00	34.97 -1.31 0.00	41.45 -2.56 0.00	26.61 -1.03 0.00	23.35 -0.66 0.00	21.29 -0.60 0.00	18.98 -0.51 0.00	18.50 -0.74 0.00	21.57 -1.06 0.00	23.10 -1.50 0.00	28.77 -2.25 0.00	35.92 -2.29 0.00	35.00 -2.95 0.00	34.62 -3.53 0.00	32.38 -3.15 0.00	34.96 -3.94 0.00	30.03 -3.51 0.06	30.17 -3.12 0.00	28.47 -1.89 0.00
OXY_CHEM_DSASP 323612	26.84 -0.89 0.00	31.60 -0.64 0.00	27.38 -0.66 0.00	25.68 -0.49 0.00	27.34 -0.74 0.00	31.46 -0.78 0.00	34.50 -1.79 0.00	40.81 -3.20 0.00	26.21 -1.43 0.00	22.99 -1.01 0.00	20.97 -0.92 0.00	18.70 -0.79 0.00	18.22 -1.01 0.00	21.25 -1.39 0.00	22.74 -1.87 0.00	28.29 -2.72 0.00	35.33 -2.88 0.00	34.43 -3.52 0.00	34.03 -4.11 0.00	31.87 -3.66 0.00	34.39 -4.49 0.00	29.55 -4.00 0.06	29.71 -3.58 0.00	28.07 -2.29 0.00
OZONE_PARK_ESR 323760	29.44 1.71 0.00	34.06 1.83 0.00	29.62 1.58 0.00	27.57 1.40 0.00	29.67 1.59 0.00	33.99 1.75 0.00	38.22 1.93 0.00	46.56 2.55 0.00	29.34 1.70 0.00	25.66 1.66 0.00	23.55 1.67 0.00	20.95 1.47 0.00	20.70 1.46 0.00	24.36 1.72 0.00	26.36 1.75 0.00	33.15 2.14 0.00	40.80 2.59 0.00	40.70 2.75 0.00	40.91 2.77 0.00	38.09 2.56 0.00	41.74 2.85 0.00	36.06 2.45 0.00	35.58 2.28 0.00	32.33 1.97 0.00
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	26.84 -0.89 0.00	31.60 -0.64 0.00	27.38 -0.66 0.00	25.68 -0.49 0.00	27.34 -0.74 0.00	31.46 -0.78 0.00	34.50 -1.79 0.00	40.81 -3.20 0.00	26.21 -1.43 0.00	22.99 -1.01 0.00	20.97 -0.92 0.00	18.70 -0.79 0.00	18.22 -1.01 0.00	21.25 -1.39 0.00	22.74 -1.87 0.00	28.29 -2.72 0.00	35.33 -2.88 0.00	34.43 -3.52 0.00	34.03 -4.11 0.00	31.87 -3.66 0.00	34.39 -4.49 0.00	29.55 -4.00 0.06	29.71 -3.58 0.00	28.07 -2.29 0.00
PACKARD___115KV_DUPONT_184 80571	26.84 -0.89 0.00	31.60 -0.64 0.00	27.38 -0.66 0.00	25.68 -0.49 0.00	27.34 -0.74 0.00	31.46 -0.78 0.00	34.50 -1.79 0.00	40.81 -3.20 0.00	26.21 -1.43 0.00	22.99 -1.01 0.00	20.97 -0.92 0.00	18.70 -0.79 0.00	18.22 -1.01 0.00	21.25 -1.39 0.00	22.74 -1.87 0.00	28.29 -2.72 0.00	35.33 -2.88 0.00	34.43 -3.52 0.00	34.03 -4.11 0.00	31.87 -3.66 0.00	34.39 -4.49 0.00	29.55 -4.00 0.06	29.71 -3.58 0.00	28.07 -2.29 0.00
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	29.19 1.45 0.00	33.79 1.56 0.00	29.37 1.34 0.00	27.35 1.18 0.00	29.38 1.31 0.00	33.69 1.45 0.00	37.91 1.62 0.00	46.17 2.16 0.00	29.12 1.47 0.00	25.42 1.41 0.00	23.30 1.42 0.00	20.71 1.22 0.00	20.46 1.23 0.00	24.07 1.43 0.00	26.06 1.45 0.00	32.80 1.78 0.00	40.37 2.16 0.00	40.29 2.34 0.00	40.48 2.33 0.00	37.71 2.18 0.00	41.37 2.48 0.00	35.80 2.19 0.00	35.28 1.98 0.00	32.04 1.68 0.00
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	29.25 1.52 0.00	33.90 1.66 0.00	29.46 1.43 0.00	27.45 1.28 0.00	29.51 1.43 0.00	33.84 1.60 0.00	38.10 1.80 0.00	46.40 2.39 0.00	29.27 1.63 0.00	25.49 1.48 0.00	23.35 1.46 0.00	20.73 1.24 0.00	20.47 1.23 0.00	24.07 1.43 0.00	26.06 1.45 0.00	32.80 1.79 0.00	40.38 2.17 0.00	40.32 2.37 0.00	40.50 2.35 0.00	37.72 2.19 0.00	41.37 2.48 0.00	35.80 2.19 0.00	35.35 2.05 0.00	32.05 1.69 0.00
PATROON___115KV_TB1 80586	28.03 0.30 0.00	32.57 0.34 0.00	28.31 0.28 0.00	26.43 0.26 0.00	28.34 0.27 0.00	32.54 0.30 0.00	36.73 0.44 0.00	44.60 0.59 0.00	27.95 0.31 0.00	24.23 0.23 0.00	22.04 0.15 0.00	19.66 0.17 0.00	19.49 0.25 0.00	23.03 0.39 0.00	25.13 0.52 0.00	31.74 0.72 0.00	39.04 0.83 0.00	38.84 0.89 0.00	39.04 0.89 0.00	36.37 0.84 0.00	39.83 0.94 0.00	34.39 0.78 0.00	33.91 0.61 0.00	30.87 0.51 0.00
PATTRSNVILLE___SOLAR 323815	28.63 0.90 0.00	33.28 1.05 0.00	28.95 0.92 0.00	27.03 0.86 0.00	29.00 0.92 0.00	33.31 1.07 0.00	37.52 1.23 0.00	45.49 1.48 0.00	28.34 0.69 0.00	24.39 0.39 0.00	22.20 0.31 0.00	19.78 0.29 0.00	19.60 0.36 0.00	23.24 0.61 0.00	25.38 0.77 0.00	32.16 1.14 0.00	39.74 1.53 0.00	39.51 1.56 0.00	39.69 1.55 0.00	36.95 1.42 0.00	40.43 1.54 0.00	34.91 1.29 0.00	34.47 1.18 0.00	31.42 1.05 0.00
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	28.33 0.59 0.00	33.21 0.98 0.00	28.85 0.82 0.00	27.06 0.89 0.00	28.90 0.83 0.00	33.14 0.89 0.00	36.43 0.14 0.00	43.50 -0.51 0.00	27.81 0.16 0.00	24.48 0.47 0.00	22.32 0.43 0.00	19.88 0.39 0.00	19.37 0.14 0.00	22.64 0.01 0.00	24.32 -0.29 0.00	30.33 -0.69 0.00	37.78 -0.43 0.00	36.78 -1.18 0.00	36.40 -1.75 0.00	33.99 -1.55 0.00	36.73 -2.16 0.00	31.61 -1.93 0.07	31.74 -1.56 0.00	29.74 -0.62 0.00
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	29.26 1.53 0.00	33.84 1.61 0.00	29.44 1.41 0.00	27.41 1.25 0.00	29.49 1.42 0.00	33.82 1.57 0.00	38.07 1.78 0.00	46.34 2.33 0.00	29.15 1.51 0.00	25.41 1.40 0.00	23.27 1.39 0.00	20.71 1.22 0.00	20.46 1.22 0.00	24.07 1.44 0.00	26.09 1.48 0.00	32.91 1.89 0.00	40.54 2.33 0.00	40.45 2.50 0.00	40.66 2.52 0.00	37.83 2.31 0.00	41.42 2.53 0.00	35.75 2.14 0.00	35.24 1.94 0.00	32.03 1.67 0.00
PEEKSKILL____ 23653	28.95 1.22 0.00	33.51 1.27 0.00	29.17 1.14 0.00	27.15 0.98 0.00	29.22 1.14 0.00	33.49 1.24 0.00	37.68 1.39 0.00	45.88 1.87 0.00	28.86 1.21 0.00	25.18 1.17 0.00	23.07 1.19 0.00	20.53 1.04 0.00	20.28 1.05 0.00	23.86 1.23 0.00	25.85 1.24 0.00	32.57 1.56 0.00	40.09 1.88 0.00	39.97 2.02 0.00	40.18 2.04 0.00	37.40 1.87 0.00	40.98 2.09 0.00	35.40 1.79 0.00	34.93 1.63 0.00	31.76 1.40 0.00



PGE MADISON___WINDPWR 24146	30.06 1.98 -0.35	38.77 2.38 -4.16	31.40 2.09 -1.28	28.96 2.08 -0.71	30.81 2.25 -0.48	36.03 2.69 -1.09	41.25 3.16 -1.80	48.40 4.06 -0.33	30.63 2.52 -0.46	26.10 1.95 -0.14	23.64 1.56 -0.19	21.26 1.39 -0.38	20.87 1.36 -0.28	24.65 1.64 -0.38	27.08 1.89 -0.58	34.10 2.69 -0.40	42.93 3.72 -1.00	43.78 3.63 -2.20	41.47 3.18 -0.14	38.12 2.46 -0.13	41.31 2.42 0.00	35.97 2.26 -0.10	35.54 2.25 0.00	32.17 1.81 0.00
PIERCEFIELD___HYD 23852	26.60 -1.13 0.00	31.12 -1.11 0.00	27.03 -1.01 0.00	25.29 -0.87 0.00	26.91 -1.17 0.00	31.15 -1.09 0.00	35.39 -0.90 0.00	42.32 -1.69 0.00	26.65 -1.00 0.00	23.16 -0.84 0.00	20.85 -1.03 0.00	18.62 -0.87 0.00	18.29 -0.95 0.00	21.63 -1.01 0.00	24.28 -0.33 0.00	30.44 -0.58 0.00	37.45 -0.76 0.00	37.77 -0.18 0.00	38.82 0.67 0.00	36.71 1.19 0.00	40.22 1.33 0.00	34.67 1.06 0.00	33.85 0.56 0.00	30.56 0.19 0.00
PINELAWN_CC_1 323563	29.33 1.60 0.00	33.89 1.66 0.00	29.42 1.39 0.00	27.31 1.14 0.00	29.35 1.27 0.00	33.56 1.32 0.00	37.77 1.48 0.00	46.04 2.04 0.00	29.03 1.39 0.00	25.23 1.22 0.00	23.27 1.39 0.00	20.74 1.25 0.00	20.50 1.27 0.00	24.42 1.78 0.00	26.32 1.71 0.00	33.11 2.10 0.00	40.71 2.51 0.00	40.75 2.80 0.00	40.85 2.71 0.00	37.90 2.38 0.00	41.71 2.82 0.00	35.99 2.38 0.00	35.47 2.17 0.00	32.15 1.79 0.00
PJM_GEN_HTP_PROXY 323702	29.15 1.42 0.00	33.73 1.50 0.00	29.35 1.32 0.00	27.32 1.15 0.00	29.39 1.31 0.00	33.68 1.44 0.00	37.88 1.60 0.00	46.14 2.13 0.00	29.06 1.42 0.00	25.40 1.40 0.00	23.31 1.42 0.00	20.74 1.25 0.00	20.49 1.25 0.00	24.11 1.47 0.00	26.08 1.48 0.00	32.83 1.81 0.00	40.38 2.17 0.00	40.26 2.31 0.00	40.47 2.33 0.00	37.68 2.15 0.00	41.30 2.41 0.00	35.69 2.08 0.00	35.21 1.91 0.00	32.01 1.64 0.00
PJM_GEN_KEystone 24065	26.48 0.38 1.63	13.22 0.49 19.50	22.50 0.45 5.99	23.27 0.42 3.32	26.31 0.50 2.27	27.57 0.46 5.13	19.36 0.16 17.09	45.01 0.20 -0.80	25.75 0.29 2.18	23.83 0.47 0.65	21.49 0.50 0.89	18.14 0.41 1.77	18.23 0.30 1.30	21.13 0.29 1.80	22.09 0.20 2.72	29.27 0.12 1.86	33.73 0.23 4.71	25.40 0.05 12.60	37.39 -0.08 0.68	34.85 -0.06 0.62	38.72 -0.17 0.00	33.43 -0.14 0.04	33.24 -0.06 0.00	30.50 0.14 0.00
PJM_GEN_NEPTUNE_PROXY 323594	29.08 1.34 0.00	33.61 1.38 0.00	29.20 1.17 0.00	27.12 0.95 0.00	29.15 1.08 0.00	33.35 1.11 0.00	37.52 1.23 0.00	45.73 1.72 0.00	28.84 1.20 0.00	25.10 1.09 0.00	23.15 1.26 0.00	20.62 1.14 0.01	20.40 1.17 0.01	23.36 1.62 0.89	26.07 1.46 0.00	32.77 1.75 0.00	40.17 2.11 0.15	38.08 2.40 2.27	40.32 2.30 0.12	37.51 1.98 0.00	41.25 2.36 0.00	35.61 2.01 0.01	34.17 1.89 1.01	31.89 1.53 0.01
PJM_GEN_VFT_PROXY 323633	29.14 1.41 0.00	33.70 1.47 0.00	29.34 1.31 0.00	27.31 1.14 0.00	29.39 1.31 0.00	33.67 1.43 0.00	37.87 1.58 0.00	46.12 2.11 0.00	29.05 1.41 0.00	25.41 1.41 0.00	23.31 1.43 0.00	20.72 1.23 0.00	20.47 1.24 0.00	24.08 1.45 0.00	26.05 1.45 0.00	32.79 1.77 0.00	40.34 2.13 0.00	40.23 2.28 0.00	40.44 2.30 0.00	37.65 2.12 0.00	41.28 2.39 0.00	35.68 2.07 0.00	35.22 1.92 0.00	32.00 1.64 0.00
PLATSBURG_115KV_PMLD1 355749	26.16 -1.57 0.00	30.85 -1.38 0.00	26.65 -1.38 0.00	24.98 -1.19 0.00	26.54 -1.54 0.00	30.61 -1.63 0.00	35.09 -1.19 0.00	42.10 -1.91 0.00	26.42 -1.22 0.00	23.09 -0.92 0.00	20.73 -1.15 0.00	18.57 -0.92 0.00	18.22 -1.02 0.00	21.70 -0.93 0.00	24.43 -0.17 0.00	30.55 -0.47 0.00	37.30 -0.91 0.00	37.73 -0.22 0.00	38.91 0.77 0.00	36.84 1.31 0.00	40.32 1.43 0.00	34.97 1.37 0.00	34.09 0.80 0.00	30.87 0.50 0.00
PLEASANTVLY___LBMP 24000	28.78 1.05 0.00	33.34 1.11 0.00	29.01 0.98 0.00	27.02 0.85 0.00	29.06 0.98 0.00	33.31 1.07 0.00	37.49 1.20 0.00	45.63 1.62 0.00	28.69 1.05 0.00	25.01 1.00 0.00	22.91 1.03 0.00	20.40 0.91 0.00	20.16 0.93 0.00	23.71 1.07 0.00	25.69 1.08 0.00	32.38 1.37 0.00	39.85 1.64 0.00	39.72 1.77 0.00	39.94 1.79 0.00	37.19 1.66 0.00	40.73 1.84 0.00	35.20 1.59 0.00	34.70 1.41 0.00	31.56 1.20 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.05 1.32 0.00	33.63 1.40 0.00	29.28 1.24 0.00	27.25 1.09 0.00	29.32 1.24 0.00	33.60 1.35 0.00	37.80 1.51 0.00	46.02 2.01 0.00	28.97 1.32 0.00	25.28 1.27 0.00	23.17 1.29 0.00	20.62 1.13 0.00	20.37 1.14 0.00	23.96 1.33 0.00	25.96 1.35 0.00	32.70 1.68 0.00	40.24 2.03 0.00	40.12 2.17 0.00	40.33 2.19 0.00	37.55 2.03 0.00	41.13 2.24 0.00	35.54 1.93 0.00	35.05 1.75 0.00	31.88 1.51 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.05 1.32 0.00	33.63 1.40 0.00	29.28 1.24 0.00	27.25 1.09 0.00	29.32 1.24 0.00	33.60 1.35 0.00	37.80 1.51 0.00	46.02 2.01 0.00	28.97 1.32 0.00	25.28 1.27 0.00	23.17 1.29 0.00	20.62 1.13 0.00	20.37 1.14 0.00	23.96 1.33 0.00	25.96 1.35 0.00	32.70 1.68 0.00	40.24 2.03 0.00	40.12 2.17 0.00	40.33 2.19 0.00	37.55 2.03 0.00	41.13 2.24 0.00	35.54 1.93 0.00	35.05 1.75 0.00	31.88 1.51 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.97 1.24 0.00	33.57 1.34 0.00	29.20 1.17 0.00	27.20 1.03 0.00	29.25 1.17 0.00	33.55 1.31 0.00	37.79 1.50 0.00	45.98 1.97 0.00	28.89 1.25 0.00	25.14 1.13 0.00	23.00 1.11 0.00	20.47 0.98 0.00	20.24 1.00 0.00	23.80 1.17 0.00	25.82 1.22 0.00	32.60 1.58 0.00	40.17 1.96 0.00	40.07 2.12 0.00	40.29 2.15 0.00	37.49 1.97 0.00	41.03 2.14 0.00	35.43 1.82 0.00	34.92 1.62 0.00	31.75 1.38 0.00
POLETTI___ 23519	29.15 1.42 0.00	33.73 1.50 0.00	29.35 1.32 0.00	27.32 1.15 0.00	29.39 1.31 0.00	33.68 1.44 0.00	37.86 1.58 0.00	46.11 2.10 0.00	29.07 1.42 0.00	25.43 1.42 0.00	23.36 1.47 0.00	20.77 1.28 0.00	20.52 1.29 0.00	24.15 1.51 0.00	26.11 1.50 0.00	32.82 1.80 0.00	40.36 2.15 0.00	40.26 2.31 0.00	40.47 2.32 0.00	37.68 2.15 0.00	41.30 2.41 0.00	35.70 2.08 0.00	35.23 1.93 0.00	32.04 1.67 0.00
POMONA___ESR 323819	28.96 1.23 0.00	33.52 1.28 0.00	29.19 1.16 0.00	27.17 1.00 0.00	29.25 1.17 0.00	33.52 1.28 0.00	37.70 1.41 0.00	45.92 1.91 0.00	28.86 1.21 0.00	25.18 1.18 0.00	23.08 1.19 0.00	20.53 1.04 0.00	20.28 1.04 0.00	23.86 1.22 0.00	25.84 1.24 0.00	32.58 1.56 0.00	40.11 1.90 0.00	39.99 2.04 0.00	40.19 2.05 0.00	37.40 1.87 0.00	40.98 2.10 0.00	35.42 1.81 0.00	34.94 1.65 0.00	31.78 1.42 0.00
PORT_JEFF_3 23555	29.35 1.62 0.00	33.91 1.68 0.00	29.42 1.39 0.00	27.28 1.12 0.00	29.33 1.25 0.00	33.55 1.31 0.00	37.77 1.48 0.00	46.04 2.03 0.00	29.04 1.39 0.00	25.22 1.21 0.00	23.30 1.41 0.00	20.79 1.30 0.00	20.56 1.33 0.00	24.00 1.89 0.52	26.42 1.81 0.00	33.25 2.24 0.00	40.82 2.70 0.09	39.55 2.97 1.36	40.92 2.85 0.07	38.03 2.50 0.00	41.87 2.98 0.00	36.10 2.49 0.00	34.95 2.25 0.59	32.21 1.85 0.00



PORT_JEFF_4 23616	29.35 1.62 0.00	33.91 1.68 0.00	29.42 1.39 0.00	27.28 1.12 0.00	29.33 1.25 0.00	33.55 1.31 0.00	37.77 1.48 0.00	46.04 2.03 0.00	29.04 1.39 0.00	25.22 1.21 0.00	23.30 1.41 0.00	20.79 1.30 0.00	20.56 1.33 0.00	24.00 1.89 0.52	26.42 1.81 0.00	33.25 2.24 0.00	40.82 2.70 0.09	39.55 2.97 1.36	40.92 2.85 0.07	38.03 2.50 0.00	41.87 2.98 0.00	36.10 2.49 0.00	34.95 2.25 0.59	32.21 1.85 0.00
PORT_JEFF_IC 23713	29.36 1.63 0.00	33.92 1.69 0.00	29.42 1.39 0.00	27.29 1.12 0.00	29.33 1.25 0.00	33.55 1.31 0.00	37.76 1.47 0.00	46.05 2.04 0.00	29.05 1.40 0.00	25.23 1.22 0.00	23.31 1.43 0.00	20.80 1.31 0.00	20.57 1.34 0.00	24.04 1.90 0.50	26.44 1.83 0.00	33.28 2.27 0.00	40.87 2.75 0.08	39.65 3.02 1.33	40.98 2.91 0.07	38.07 2.54 0.00	41.91 3.02 0.00	36.15 2.54 0.00	35.00 2.27 0.57	32.24 1.88 0.00
PPL PILGRIM_ST_GT1 24216	29.45 1.72 0.00	34.04 1.81 0.00	29.53 1.50 0.00	27.40 1.23 0.00	29.45 1.37 0.00	33.66 1.42 0.00	37.89 1.60 0.00	46.18 2.17 0.00	29.14 1.49 0.00	25.32 1.31 0.00	23.37 1.48 0.00	20.84 1.35 0.00	20.59 1.36 0.00	24.13 1.92 0.43	26.46 1.85 0.00	33.26 2.24 0.00	40.77 2.63 0.07	39.64 2.83 1.15	40.84 2.76 0.06	38.03 2.50 0.00	41.87 2.98 0.00	36.11 2.50 0.00	35.07 2.26 0.49	32.25 1.89 0.00
PPL PILGRIM_ST_GT2 24217	29.45 1.72 0.00	34.04 1.81 0.00	29.53 1.50 0.00	27.40 1.23 0.00	29.45 1.37 0.00	33.66 1.42 0.00	37.89 1.60 0.00	46.18 2.17 0.00	29.14 1.49 0.00	25.32 1.31 0.00	23.37 1.48 0.00	20.84 1.35 0.00	20.59 1.36 0.00	24.13 1.92 0.43	26.46 1.85 0.00	33.26 2.24 0.00	40.77 2.63 0.07	39.64 2.83 1.15	40.84 2.76 0.06	38.03 2.50 0.00	41.87 2.98 0.00	36.11 2.50 0.00	35.07 2.26 0.49	32.25 1.89 0.00
PPL_SHRM_GT3 24213	29.37 1.64 0.00	33.91 1.68 0.00	29.40 1.37 0.00	27.25 1.09 0.00	29.30 1.22 0.00	33.54 1.30 0.00	37.78 1.49 0.00	46.09 2.08 0.00	29.04 1.39 0.00	25.17 1.17 0.00	23.30 1.41 0.00	20.82 1.33 0.00	20.62 1.39 0.00	24.12 2.00 0.51	26.56 1.95 0.00	33.48 2.46 0.00	41.11 2.98 0.08	39.84 3.24 1.35	41.13 3.06 0.07	38.21 2.69 0.00	42.12 3.23 0.00	36.30 2.69 0.00	35.14 2.43 0.58	32.34 1.98 0.00
PPL_SHRM_GT4 24214	29.37 1.64 0.00	33.91 1.68 0.00	29.40 1.37 0.00	27.25 1.09 0.00	29.30 1.22 0.00	33.54 1.30 0.00	37.78 1.49 0.00	46.09 2.08 0.00	29.04 1.39 0.00	25.17 1.17 0.00	23.30 1.41 0.00	20.82 1.33 0.00	20.62 1.39 0.00	24.12 2.00 0.51	26.56 1.95 0.00	33.48 2.46 0.00	41.11 2.98 0.08	39.84 3.24 1.35	41.13 3.06 0.07	38.21 2.69 0.00	42.12 3.23 0.00	36.30 2.69 0.00	35.14 2.43 0.58	32.34 1.98 0.00
PROJECT___ORANGE 1 24174	27.56 -0.17 0.00	32.06 -0.18 0.00	27.88 -0.15 0.00	26.04 -0.12 0.00	27.93 -0.14 0.00	32.08 -0.16 0.00	36.06 -0.23 0.00	43.66 -0.34 0.00	27.46 -0.19 0.00	23.84 -0.16 0.00	21.74 -0.15 0.00	19.35 -0.13 0.00	19.08 -0.15 0.00	22.39 -0.25 0.00	24.26 -0.35 0.00	30.57 -0.45 0.00	37.75 -0.46 0.00	37.39 -0.55 0.00	37.50 -0.64 0.00	34.88 -0.65 0.00	38.10 -0.79 0.00	32.91 -0.70 0.00	32.77 -0.53 0.00	29.95 -0.41 0.00
PROJECT___ORANGE 2 24166	27.56 -0.17 0.00	32.06 -0.18 0.00	27.88 -0.15 0.00	26.04 -0.12 0.00	27.93 -0.14 0.00	32.08 -0.16 0.00	36.06 -0.23 0.00	43.66 -0.34 0.00	27.46 -0.19 0.00	23.84 -0.16 0.00	21.74 -0.15 0.00	19.35 -0.13 0.00	19.08 -0.15 0.00	22.39 -0.25 0.00	24.26 -0.35 0.00	30.57 -0.45 0.00	37.75 -0.46 0.00	37.39 -0.55 0.00	37.50 -0.64 0.00	34.88 -0.65 0.00	38.10 -0.79 0.00	32.91 -0.70 0.00	32.77 -0.53 0.00	29.95 -0.41 0.00
PUCKETT___SOLAR 323809	28.81 0.61 -0.46	38.54 0.74 -5.57	30.43 0.69 -1.71	27.80 0.68 -0.95	29.48 0.75 -0.65	34.58 0.87 -1.46	39.72 1.02 -2.41	45.80 1.35 -0.44	29.12 0.85 -0.62	24.81 0.62 -0.18	22.62 0.48 -0.26	20.41 0.41 -0.50	19.98 0.38 -0.37	23.59 0.44 -0.51	25.89 0.50 -0.77	32.30 0.76 -0.53	40.64 1.09 -1.34	41.91 1.01 -2.94	39.25 0.91 -0.19	36.36 0.65 -0.18	39.40 0.51 0.00	34.08 0.46 -0.01	33.79 0.50 0.00	30.80 0.43 0.00
PYRITES___HYD 24023	26.93 -0.81 0.00	31.48 -0.75 0.00	27.34 -0.70 0.00	25.58 -0.59 0.00	27.20 -0.87 0.00	31.52 -0.72 0.00	35.84 -0.45 0.00	42.79 -1.22 0.00	26.84 -0.81 0.00	23.20 -0.81 0.00	20.85 -1.04 0.00	18.62 -0.87 0.00	18.29 -0.94 0.00	21.66 -0.97 0.00	24.45 -0.16 0.00	30.83 -0.18 0.00	38.01 -0.20 0.00	38.38 0.42 0.00	39.44 1.30 0.00	37.32 1.79 0.00	40.86 1.97 0.00	35.17 1.56 0.00	34.34 1.04 0.00	31.00 0.64 0.00
QUAKERRD_115KV_BK1 80622	26.86 -0.87 0.00	31.35 -0.89 0.00	27.25 -0.79 0.00	25.49 -0.68 0.00	27.28 -0.79 0.00	31.36 -0.88 0.00	34.92 -1.37 0.00	41.97 -2.04 0.00	26.61 -1.03 0.00	23.23 -0.77 0.00	21.17 -0.72 0.00	18.85 -0.64 0.00	18.49 -0.74 0.00	21.68 -0.96 0.00	23.40 -1.22 0.00	29.35 -1.66 0.00	36.43 -1.78 0.00	35.87 -2.08 0.00	35.82 -2.32 0.00	33.39 -2.14 0.00	36.30 -2.59 0.00	31.26 -2.31 0.04	31.20 -2.09 0.00	28.83 -1.53 0.00
QUENSBRY_115KV_TB8 356137	29.45 1.72 0.00	34.32 2.08 0.00	29.75 1.72 0.00	27.89 1.72 0.00	29.85 1.78 0.00	34.32 2.07 0.00	38.87 2.58 0.00	47.24 3.23 0.00	29.46 1.81 0.00	25.19 1.18 0.00	22.93 1.04 0.00	20.38 0.89 0.00	20.29 1.05 0.00	24.13 1.50 0.00	26.43 1.82 0.00	33.43 2.41 0.00	41.32 3.11 0.00	41.17 3.22 0.00	41.17 3.03 0.00	38.24 2.71 0.00	41.73 2.84 0.00	36.03 2.42 0.00	35.36 2.07 0.00	32.35 1.98 0.00
RAMAPO___LBMP 323565	28.87 1.14 0.00	33.41 1.18 0.00	29.10 1.07 0.00	27.09 0.92 0.00	29.17 1.09 0.00	33.42 1.18 0.00	37.59 1.30 0.00	45.79 1.78 0.00	28.78 1.13 0.00	25.11 1.11 0.00	23.00 1.12 0.00	20.45 0.96 0.00	20.20 0.96 0.00	23.76 1.13 0.00	25.75 1.14 0.00	32.46 1.44 0.00	39.96 1.75 0.00	39.84 1.89 0.00	40.05 1.91 0.00	37.27 1.74 0.00	40.83 1.94 0.00	35.30 1.69 0.00	34.84 1.54 0.00	31.67 1.31 0.00
RANKINE____ 23646	27.85 0.11 0.00	32.67 0.43 0.00	28.37 0.34 0.00	26.60 0.44 0.00	28.38 0.31 0.00	32.60 0.36 0.00	35.85 -0.44 0.00	42.71 -1.30 0.00	27.32 -0.33 0.00	24.01 0.00 0.00	21.88 -0.01 0.00	19.48 -0.01 0.00	18.98 -0.26 0.00	22.17 -0.46 0.00	23.78 -0.82 0.00	29.69 -1.33 0.00	37.01 -1.20 0.00	35.98 -1.97 0.00	35.55 -2.59 0.00	33.17 -2.36 0.00	35.84 -3.05 0.00	30.79 -2.75 0.07	30.92 -2.37 0.00	29.07 -1.30 0.00
RAVENSWOOD_GT2_1 24244	29.19 1.46 0.00	33.78 1.55 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.43 1.35 0.00	33.72 1.48 0.00	37.93 1.64 0.00	46.19 2.18 0.00	29.11 1.46 0.00	25.44 1.43 0.00	23.34 1.45 0.00	20.76 1.27 0.00	20.51 1.27 0.00	24.13 1.49 0.00	26.11 1.50 0.00	32.84 1.83 0.00	40.40 2.19 0.00	40.30 2.35 0.00	40.51 2.36 0.00	37.71 2.18 0.00	41.34 2.45 0.00	35.73 2.12 0.00	35.25 1.96 0.00	32.04 1.68 0.00



RAVENSWOOD_GT2_2 24245	29.19 1.46 0.00	33.78 1.55 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.43 1.35 0.00	33.72 1.48 0.00	37.93 1.64 0.00	46.19 2.18 0.00	29.11 1.46 0.00	25.44 1.43 0.00	23.34 1.45 0.00	20.76 1.27 0.00	20.51 1.27 0.00	24.13 1.49 0.00	26.11 1.50 0.00	32.84 1.83 0.00	40.40 2.19 0.00	40.30 2.35 0.00	40.51 2.36 0.00	37.71 2.18 0.00	41.34 2.45 0.00	35.73 2.12 0.00	35.25 1.96 0.00	32.04 1.68 0.00
RAVENSWOOD_GT2_3 24246	29.21 1.47 0.00	33.79 1.56 0.00	29.40 1.36 0.00	27.37 1.20 0.00	29.44 1.37 0.00	33.74 1.50 0.00	37.94 1.65 0.00	46.22 2.21 0.00	29.12 1.48 0.00	25.45 1.45 0.00	23.36 1.47 0.00	20.76 1.27 0.00	20.52 1.28 0.00	24.14 1.51 0.00	26.12 1.51 0.00	32.86 1.85 0.00	40.42 2.21 0.00	40.31 2.36 0.00	40.53 2.38 0.00	37.73 2.20 0.00	41.36 2.47 0.00	35.75 2.14 0.00	35.27 1.98 0.00	32.06 1.70 0.00
RAVENSWOOD_GT2_4 24247	29.21 1.47 0.00	33.79 1.56 0.00	29.40 1.36 0.00	27.37 1.20 0.00	29.44 1.37 0.00	33.74 1.50 0.00	37.94 1.65 0.00	46.22 2.21 0.00	29.12 1.48 0.00	25.45 1.45 0.00	23.36 1.47 0.00	20.76 1.27 0.00	20.52 1.28 0.00	24.14 1.51 0.00	26.12 1.51 0.00	32.86 1.85 0.00	40.42 2.21 0.00	40.31 2.36 0.00	40.53 2.38 0.00	37.73 2.20 0.00	41.36 2.47 0.00	35.75 2.14 0.00	35.27 1.98 0.00	32.06 1.70 0.00
RAVENSWOOD_GT3_1 24248	29.19 1.46 0.00	33.78 1.55 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.43 1.35 0.00	33.72 1.49 0.00	37.93 1.64 0.00	46.19 2.18 0.00	29.11 1.46 0.00	25.45 1.44 0.00	23.34 1.45 0.00	20.76 1.27 0.00	20.51 1.27 0.00	24.13 1.50 0.00	26.11 1.50 0.00	32.84 1.83 0.00	40.41 2.20 0.00	40.30 2.35 0.00	40.51 2.36 0.00	37.72 2.19 0.00	41.35 2.46 0.00	35.73 2.12 0.00	35.25 1.96 0.00	32.05 1.68 0.00
RAVENSWOOD_GT3_2 24249	29.19 1.46 0.00	33.78 1.55 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.43 1.35 0.00	33.72 1.49 0.00	37.93 1.64 0.00	46.19 2.18 0.00	29.11 1.46 0.00	25.45 1.44 0.00	23.34 1.45 0.00	20.76 1.27 0.00	20.51 1.27 0.00	24.13 1.50 0.00	26.11 1.50 0.00	32.84 1.83 0.00	40.41 2.20 0.00	40.30 2.35 0.00	40.51 2.36 0.00	37.72 2.19 0.00	41.35 2.46 0.00	35.73 2.12 0.00	35.25 1.96 0.00	32.05 1.68 0.00
RAVENSWOOD_GT3_3 24250	29.23 1.50 0.00	33.82 1.59 0.00	29.43 1.39 0.00	27.39 1.22 0.00	29.47 1.40 0.00	33.78 1.53 0.00	37.98 1.69 0.00	46.27 2.26 0.00	29.15 1.51 0.00	25.48 1.47 0.00	23.38 1.49 0.00	20.79 1.30 0.00	20.54 1.30 0.00	24.17 1.53 0.00	26.15 1.54 0.00	32.90 1.89 0.00	40.47 2.26 0.00	40.36 2.41 0.00	40.57 2.43 0.00	37.78 2.25 0.00	41.40 2.52 0.00	35.79 2.18 0.00	35.31 2.01 0.00	32.10 1.73 0.00
RAVENSWOOD_GT3_4 24251	29.23 1.50 0.00	33.82 1.59 0.00	29.43 1.39 0.00	27.39 1.22 0.00	29.47 1.40 0.00	33.78 1.53 0.00	37.98 1.69 0.00	46.27 2.26 0.00	29.15 1.51 0.00	25.48 1.47 0.00	23.38 1.49 0.00	20.79 1.30 0.00	20.54 1.30 0.00	24.17 1.53 0.00	26.15 1.54 0.00	32.90 1.89 0.00	40.47 2.26 0.00	40.36 2.41 0.00	40.57 2.43 0.00	37.78 2.25 0.00	41.40 2.52 0.00	35.79 2.18 0.00	35.31 2.01 0.00	32.10 1.73 0.00
RAVENSWOOD_GT_1 23729	29.27 1.54 0.00	33.88 1.64 0.00	29.47 1.44 0.00	27.43 1.26 0.00	29.50 1.42 0.00	33.81 1.56 0.00	38.01 1.71 0.00	46.31 2.30 0.00	29.20 1.55 0.00	25.52 1.52 0.00	23.41 1.53 0.00	20.82 1.33 0.00	20.57 1.34 0.00	24.20 1.56 0.00	26.19 1.58 0.00	32.93 1.91 0.00	40.50 2.29 0.00	40.40 2.45 0.00	40.59 2.45 0.00	37.82 2.30 0.00	41.46 2.57 0.00	35.85 2.24 0.00	35.36 2.07 0.00	32.13 1.77 0.00
RAVENSWOOD_GT_10 24258	29.19 1.46 0.00	33.78 1.55 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.43 1.35 0.00	33.72 1.49 0.00	37.93 1.64 0.00	46.19 2.18 0.00	29.11 1.46 0.00	25.44 1.44 0.00	23.34 1.45 0.00	20.76 1.27 0.00	20.51 1.27 0.00	24.13 1.50 0.00	26.11 1.50 0.00	32.84 1.83 0.00	40.41 2.20 0.00	40.30 2.35 0.00	40.51 2.36 0.00	37.72 2.19 0.00	41.35 2.46 0.00	35.73 2.12 0.00	35.25 1.96 0.00	32.05 1.68 0.00
RAVENSWOOD_GT_11 24259	29.19 1.46 0.00	33.78 1.55 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.43 1.35 0.00	33.72 1.49 0.00	37.93 1.64 0.00	46.19 2.18 0.00	29.11 1.46 0.00	25.44 1.44 0.00	23.34 1.45 0.00	20.76 1.27 0.00	20.51 1.27 0.00	24.13 1.50 0.00	26.11 1.50 0.00	32.84 1.83 0.00	40.41 2.20 0.00	40.30 2.35 0.00	40.51 2.36 0.00	37.72 2.19 0.00	41.35 2.46 0.00	35.73 2.12 0.00	35.25 1.96 0.00	32.05 1.68 0.00
RAVENSWOOD_GT_4 24252	29.19 1.46 0.00	33.78 1.55 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.44 1.36 0.00	33.73 1.49 0.00	37.94 1.65 0.00	46.20 2.20 0.00	29.10 1.46 0.00	25.44 1.43 0.00	23.34 1.45 0.00	20.76 1.27 0.00	20.51 1.27 0.00	24.13 1.50 0.00	26.11 1.50 0.00	32.84 1.83 0.00	40.41 2.20 0.00	40.30 2.35 0.00	40.51 2.36 0.00	37.72 2.19 0.00	41.34 2.45 0.00	35.72 2.12 0.00	35.25 1.96 0.00	32.05 1.68 0.00
RAVENSWOOD_GT_5 24254	29.19 1.46 0.00	33.78 1.55 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.44 1.36 0.00	33.73 1.49 0.00	37.94 1.65 0.00	46.20 2.20 0.00	29.10 1.46 0.00	25.44 1.43 0.00	23.34 1.45 0.00	20.76 1.27 0.00	20.51 1.27 0.00	24.13 1.50 0.00	26.11 1.50 0.00	32.84 1.83 0.00	40.41 2.20 0.00	40.30 2.35 0.00	40.51 2.36 0.00	37.72 2.19 0.00	41.34 2.45 0.00	35.72 2.12 0.00	35.25 1.96 0.00	32.05 1.68 0.00
RAVENSWOOD_GT_6 24253	29.19 1.46 0.00	33.78 1.55 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.44 1.36 0.00	33.73 1.49 0.00	37.94 1.65 0.00	46.20 2.20 0.00	29.10 1.46 0.00	25.44 1.43 0.00	23.34 1.45 0.00	20.76 1.27 0.00	20.51 1.27 0.00	24.13 1.50 0.00	26.11 1.50 0.00	32.84 1.83 0.00	40.41 2.20 0.00	40.30 2.35 0.00	40.51 2.36 0.00	37.72 2.19 0.00	41.34 2.45 0.00	35.72 2.12 0.00	35.25 1.96 0.00	32.05 1.68 0.00
RAVENSWOOD_GT_7 24255	29.19 1.46 0.00	33.78 1.55 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.44 1.36 0.00	33.73 1.49 0.00	37.94 1.65 0.00	46.20 2.20 0.00	29.10 1.46 0.00	25.44 1.43 0.00	23.34 1.45 0.00	20.76 1.27 0.00	20.51 1.27 0.00	24.13 1.50 0.00	26.11 1.50 0.00	32.84 1.83 0.00	40.41 2.20 0.00	40.30 2.35 0.00	40.51 2.36 0.00	37.72 2.19 0.00	41.34 2.45 0.00	35.72 2.12 0.00	35.25 1.96 0.00	32.05 1.68 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.19 1.46 0.00	33.78 1.55 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.43 1.35 0.00	33.72 1.49 0.00	37.93 1.64 0.00	46.19 2.18 0.00	29.11 1.46 0.00	25.44 1.44 0.00	23.34 1.45 0.00	20.76 1.27 0.00	20.51 1.27 0.00	24.13 1.50 0.00	26.11 1.50 0.00	32.84 1.83 0.00	40.41 2.20 0.00	40.30 2.35 0.00	40.51 2.36 0.00	37.72 2.19 0.00	41.35 2.46 0.00	35.73 2.12 0.00	35.25 1.96 0.00	32.05 1.68 0.00



RAVENSWOOD_GT_9 24257	29.19 1.46 0.00	33.78 1.55 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.43 1.35 0.00	33.72 1.49 0.00	37.93 1.64 0.00	46.19 2.18 0.00	29.11 1.46 0.00	25.44 1.44 0.00	23.34 1.45 0.00	20.76 1.27 0.00	20.51 1.27 0.00	24.13 1.50 0.00	26.11 1.50 0.00	32.84 1.83 0.00	40.41 2.20 0.00	40.30 2.35 0.00	40.51 2.36 0.00	37.72 2.19 0.00	41.35 2.46 0.00	35.73 2.12 0.00	35.25 1.96 0.00	32.05 1.68 0.00
RAVENSWOOD___1 23533	29.21 1.48 0.00	33.80 1.57 0.00	29.41 1.38 0.00	27.38 1.21 0.00	29.44 1.36 0.00	33.74 1.50 0.00	37.94 1.65 0.00	46.22 2.21 0.00	29.14 1.49 0.00	25.47 1.46 0.00	23.36 1.48 0.00	20.78 1.29 0.00	20.53 1.29 0.00	24.15 1.52 0.00	26.13 1.52 0.00	32.87 1.85 0.00	40.42 2.21 0.00	40.33 2.38 0.00	40.54 2.40 0.00	37.75 2.23 0.00	41.39 2.50 0.00	35.78 2.17 0.00	35.29 2.00 0.00	32.07 1.70 0.00
RAVENSWOOD___2 23534	29.21 1.48 0.00	33.80 1.57 0.00	29.41 1.38 0.00	27.38 1.21 0.00	29.44 1.36 0.00	33.74 1.50 0.00	37.94 1.65 0.00	46.22 2.21 0.00	29.14 1.49 0.00	25.47 1.46 0.00	23.36 1.48 0.00	20.78 1.29 0.00	20.53 1.29 0.00	24.15 1.52 0.00	26.13 1.52 0.00	32.87 1.85 0.00	40.42 2.21 0.00	40.33 2.38 0.00	40.54 2.40 0.00	37.75 2.23 0.00	41.39 2.50 0.00	35.78 2.17 0.00	35.29 2.00 0.00	32.07 1.70 0.00
RAVENSWOOD___3 23535	29.19 1.46 0.00	33.78 1.55 0.00	29.40 1.36 0.00	27.36 1.19 0.00	29.44 1.36 0.00	33.73 1.49 0.00	37.94 1.65 0.00	46.19 2.19 0.00	29.11 1.46 0.00	25.45 1.44 0.00	23.34 1.45 0.00	20.76 1.27 0.00	20.51 1.27 0.00	24.13 1.50 0.00	26.11 1.50 0.00	32.84 1.83 0.00	40.41 2.20 0.00	40.30 2.35 0.00	40.51 2.37 0.00	37.73 2.20 0.00	41.36 2.47 0.00	35.73 2.12 0.00	35.25 1.96 0.00	32.05 1.68 0.00
RAVENSWOOD___4 23820	29.21 1.48 0.00	33.80 1.57 0.00	29.41 1.38 0.00	27.38 1.21 0.00	29.44 1.36 0.00	33.74 1.50 0.00	37.94 1.65 0.00	46.22 2.21 0.00	29.14 1.49 0.00	25.47 1.46 0.00	23.36 1.48 0.00	20.78 1.29 0.00	20.53 1.29 0.00	24.15 1.52 0.00	26.13 1.52 0.00	32.87 1.85 0.00	40.42 2.21 0.00	40.33 2.38 0.00	40.54 2.40 0.00	37.75 2.23 0.00	41.39 2.50 0.00	35.78 2.17 0.00	35.29 2.00 0.00	32.07 1.70 0.00
RCPT_TRUST___DRP 24196	29.18 1.45 0.00	33.77 1.53 0.00	29.38 1.35 0.00	27.35 1.18 0.00	29.42 1.34 0.00	33.72 1.48 0.00	37.91 1.62 0.00	46.18 2.17 0.00	29.10 1.45 0.00	25.43 1.42 0.00	23.34 1.45 0.00	20.76 1.27 0.00	20.51 1.27 0.00	24.13 1.50 0.00	26.12 1.51 0.00	32.87 1.85 0.00	40.42 2.21 0.00	40.31 2.36 0.00	40.52 2.38 0.00	37.72 2.20 0.00	41.34 2.45 0.00	35.72 2.11 0.00	35.24 1.95 0.00	32.04 1.67 0.00
RED___ROCHESTER 323720	26.86 -0.22 0.66	24.25 -0.10 7.88	25.48 -0.13 2.42	24.78 -0.05 1.34	27.02 -0.14 0.92	30.04 -0.13 2.07	32.26 -0.62 3.41	42.18 -1.21 0.62	26.33 -0.43 0.88	23.52 -0.22 0.26	21.34 -0.19 0.36	18.59 -0.18 0.71	18.38 -0.33 0.53	21.43 -0.48 0.73	22.79 -0.71 1.10	29.20 -1.06 0.75	35.34 -0.97 1.90	32.45 -1.34 4.17	36.24 -1.63 0.27	33.81 -1.46 0.25	37.00 -1.89 0.00	31.81 -1.76 0.04	31.78 -1.52 0.00	29.44 -0.92 0.00
REGAN___SOLAR 323812	29.35 1.62 0.00	34.13 1.90 0.00	29.71 1.68 0.00	27.73 1.56 0.00	29.76 1.69 0.00	34.24 1.99 0.00	38.52 2.24 0.00	46.58 2.57 0.00	28.63 0.99 0.00	24.32 0.32 0.00	22.14 0.26 0.00	19.82 0.33 0.00	19.66 0.43 0.00	23.56 0.92 0.00	25.75 1.14 0.00	32.87 1.86 0.00	40.92 2.71 0.00	40.72 2.77 0.00	40.88 2.74 0.00	38.00 2.47 0.00	41.52 2.63 0.00	35.78 2.17 0.00	35.34 2.04 0.00	32.17 1.81 0.00
RENSSELAER___COGEN 23796	27.88 0.15 0.00	32.39 0.16 0.00	28.15 0.12 0.00	26.29 0.12 0.00	28.20 0.12 0.00	32.36 0.12 0.00	36.53 0.24 0.00	44.38 0.37 0.00	27.81 0.16 0.00	24.11 0.11 0.00	21.92 0.03 0.00	19.56 0.07 0.00	19.38 0.14 0.00	22.88 0.25 0.00	24.99 0.38 0.00	31.53 0.52 0.00	38.78 0.57 0.00	38.59 0.64 0.00	38.79 0.65 0.00	36.16 0.63 0.00	39.60 0.71 0.00	34.21 0.59 0.00	33.73 0.43 0.00	30.72 0.35 0.00
REPUBLIC_115KV_BARTNBRK 55605	30.63 2.89 0.00	35.85 3.62 0.00	30.95 2.92 0.00	29.35 3.19 0.00	31.30 3.23 0.00	36.01 3.77 0.00	40.94 4.66 0.00	49.72 5.71 0.00	30.76 3.11 0.00	25.89 1.88 0.00	23.63 1.75 0.00	21.05 1.56 0.00	21.14 1.91 0.00	25.34 2.71 0.00	27.72 3.12 0.00	34.95 3.94 0.00	43.42 5.20 0.00	43.47 5.52 0.00	43.08 4.94 0.00	39.80 4.27 0.00	43.28 4.39 0.00	37.51 3.89 0.00	36.46 3.17 0.00	33.62 3.26 0.00
REVERE_CPPR_DRP 24186	28.51 0.77 0.00	33.20 0.97 0.00	28.92 0.89 0.00	27.03 0.86 0.00	29.01 0.93 0.00	33.34 1.11 0.00	37.55 1.26 0.00	45.47 1.47 0.00	28.52 0.87 0.00	24.68 0.68 0.00	22.47 0.59 0.00	19.98 0.49 0.00	19.72 0.49 0.00	23.29 0.66 0.00	25.40 0.79 0.00	32.14 1.12 0.00	39.73 1.52 0.00	39.37 1.42 0.00	39.59 1.45 0.00	36.86 1.34 0.00	40.34 1.45 0.00	34.77 1.16 0.00	34.26 0.96 0.00	31.09 0.73 0.00
REYNOLDS_115KV_TB3 80639	28.11 0.37 0.00	32.67 0.44 0.00	28.40 0.37 0.00	26.52 0.35 0.00	28.43 0.35 0.00	32.64 0.39 0.00	36.85 0.56 0.00	44.77 0.76 0.00	28.05 0.40 0.00	24.28 0.28 0.00	22.08 0.20 0.00	19.68 0.19 0.00	19.50 0.26 0.00	23.06 0.42 0.00	25.21 0.61 0.00	31.83 0.81 0.00	39.10 0.89 0.00	38.92 0.97 0.00	39.11 0.97 0.00	36.47 0.94 0.00	39.95 1.06 0.00	34.52 0.91 0.00	34.03 0.73 0.00	31.00 0.63 0.00
RIVERBAY____ 323610	29.25 1.52 0.00	33.90 1.66 0.00	29.46 1.43 0.00	27.45 1.28 0.00	29.51 1.43 0.00	33.84 1.60 0.00	38.10 1.80 0.00	46.40 2.39 0.00	29.27 1.63 0.00	25.49 1.48 0.00	23.35 1.46 0.00	20.73 1.24 0.00	20.47 1.23 0.00	24.07 1.43 0.00	26.06 1.45 0.00	32.80 1.79 0.00	40.38 2.17 0.00	40.32 2.37 0.00	40.50 2.35 0.00	37.72 2.19 0.00	41.37 2.48 0.00	35.80 2.19 0.00	35.35 2.05 0.00	32.05 1.69 0.00
RIVERSDE_115KV_TB3 55908	28.00 0.27 0.00	32.55 0.31 0.00	28.29 0.25 0.00	26.41 0.24 0.00	28.32 0.25 0.00	32.51 0.27 0.00	36.70 0.41 0.00	44.59 0.58 0.00	27.94 0.29 0.00	24.21 0.20 0.00	22.01 0.13 0.00	19.63 0.14 0.00	19.45 0.22 0.00	22.99 0.36 0.00	25.11 0.51 0.00	31.71 0.69 0.00	38.98 0.77 0.00	38.79 0.84 0.00	38.98 0.84 0.00	36.33 0.80 0.00	39.81 0.92 0.00	34.38 0.77 0.00	33.89 0.60 0.00	30.87 0.50 0.00
ROARING___BROOK_WT_PWR 323790	26.99 -0.74 0.00	31.49 -0.75 0.00	27.38 -0.65 0.00	25.58 -0.59 0.00	27.35 -0.73 0.00	31.47 -0.77 0.00	35.54 -0.75 0.00	42.80 -1.21 0.00	26.94 -0.71 0.00	23.50 -0.51 0.00	21.34 -0.55 0.00	19.02 -0.47 0.00	18.73 -0.51 0.00	22.07 -0.57 0.00	24.29 -0.32 0.00	30.51 -0.51 0.00	37.48 -0.73 0.00	37.31 -0.64 0.00	37.69 -0.45 0.00	35.21 -0.31 0.00	38.87 -0.02 0.00	33.69 0.08 0.00	33.03 -0.26 0.00	29.94 -0.42 0.00



ROCHESRG_115KV_T4 355643	27.28 -0.45 0.00	31.85 -0.38 0.00	27.68 -0.35 0.00	25.92 -0.24 0.00	27.72 -0.36 0.00	31.85 -0.39 0.00	35.36 -0.92 0.00	42.43 -1.58 0.00	26.96 -0.69 0.00	23.57 -0.44 0.00	21.48 -0.41 0.00	19.13 -0.36 0.00	18.73 -0.50 0.00	21.93 -0.70 0.00	23.64 -0.97 0.00	29.63 -1.39 0.00	36.81 -1.40 0.00	36.16 -1.79 0.00	36.08 -2.06 0.00	33.66 -1.87 0.00	36.56 -2.32 0.00	31.47 -2.10 0.04	31.46 -1.84 0.00	29.17 -1.20 0.00
ROCHESTER_9_IC 23652	27.41 -0.33 0.00	32.00 -0.23 0.00	27.81 -0.22 0.00	26.04 -0.13 0.00	27.84 -0.24 0.00	32.00 -0.24 0.00	35.53 -0.76 0.00	42.63 -1.38 0.00	27.09 -0.56 0.00	23.69 -0.31 0.00	21.59 -0.30 0.00	19.22 -0.27 0.00	18.83 -0.41 0.00	22.05 -0.59 0.00	23.78 -0.83 0.00	29.80 -1.22 0.00	37.04 -1.17 0.00	36.40 -1.55 0.00	36.31 -1.83 0.00	33.87 -1.66 0.00	36.77 -2.11 0.00	31.65 -1.92 0.04	31.63 -1.67 0.00	29.31 -1.06 0.00
ROCKVIEW_13_KV_LD 356306	29.17 1.44 0.00	33.76 1.53 0.00	29.38 1.34 0.00	27.34 1.17 0.00	29.41 1.34 0.00	33.71 1.47 0.00	37.92 1.63 0.00	46.19 2.18 0.00	29.07 1.43 0.00	25.38 1.38 0.00	23.30 1.41 0.00	20.75 1.26 0.00	20.49 1.26 0.00	24.12 1.48 0.00	26.12 1.51 0.00	32.88 1.87 0.00	40.44 2.23 0.00	40.33 2.38 0.00	40.54 2.40 0.00	37.74 2.21 0.00	41.32 2.43 0.00	35.67 2.06 0.00	35.18 1.89 0.00	31.99 1.63 0.00
ROME____115KV_TB2 80656	28.51 0.77 0.00	33.20 0.97 0.00	28.92 0.89 0.00	27.03 0.86 0.00	29.01 0.93 0.00	33.34 1.11 0.00	37.55 1.26 0.00	45.47 1.47 0.00	28.52 0.87 0.00	24.68 0.68 0.00	22.47 0.59 0.00	19.98 0.49 0.00	19.72 0.49 0.00	23.29 0.66 0.00	25.40 0.79 0.00	32.14 1.12 0.00	39.73 1.52 0.00	39.37 1.42 0.00	39.59 1.45 0.00	36.86 1.34 0.00	40.34 1.45 0.00	34.77 1.16 0.00	34.26 0.96 0.00	31.09 0.73 0.00
ROSETON___1 23587	28.83 1.10 0.00	33.39 1.16 0.00	29.06 1.03 0.00	27.06 0.90 0.00	29.11 1.03 0.00	33.37 1.13 0.00	37.54 1.25 0.00	45.71 1.70 0.00	28.75 1.10 0.00	25.06 1.05 0.00	22.96 1.07 0.00	20.44 0.94 0.00	20.19 0.95 0.00	23.75 1.11 0.00	25.74 1.13 0.00	32.43 1.42 0.00	39.91 1.71 0.00	39.79 1.83 0.00	40.00 1.86 0.00	37.24 1.71 0.00	40.79 1.90 0.00	35.24 1.63 0.00	34.77 1.48 0.00	31.62 1.25 0.00
ROSETON___2 23588	28.83 1.10 0.00	33.39 1.16 0.00	29.06 1.03 0.00	27.06 0.90 0.00	29.11 1.03 0.00	33.37 1.13 0.00	37.54 1.25 0.00	45.71 1.70 0.00	28.75 1.10 0.00	25.06 1.05 0.00	22.96 1.07 0.00	20.44 0.94 0.00	20.19 0.95 0.00	23.75 1.11 0.00	25.74 1.13 0.00	32.43 1.42 0.00	39.91 1.71 0.00	39.79 1.83 0.00	40.00 1.86 0.00	37.24 1.71 0.00	40.79 1.90 0.00	35.24 1.63 0.00	34.77 1.48 0.00	31.62 1.25 0.00
ROTRRDAM_115KV_TB3 80664	28.39 0.66 0.00	33.00 0.77 0.00	28.69 0.66 0.00	26.80 0.63 0.00	28.74 0.66 0.00	33.00 0.76 0.00	37.21 0.92 0.00	45.15 1.14 0.00	28.26 0.62 0.00	24.43 0.43 0.00	22.25 0.36 0.00	19.81 0.32 0.00	19.61 0.37 0.00	23.18 0.55 0.00	25.30 0.69 0.00	31.96 0.94 0.00	39.37 1.16 0.00	39.15 1.20 0.00	39.35 1.20 0.00	36.66 1.13 0.00	40.12 1.23 0.00	34.65 1.04 0.00	34.21 0.91 0.00	31.18 0.81 0.00
RUSSELL___1 23602	27.52 -0.22 0.00	32.13 -0.10 0.00	27.92 -0.12 0.00	26.14 -0.03 0.00	27.94 -0.13 0.00	32.12 -0.12 0.00	35.68 -0.61 0.00	42.81 -1.20 0.00	27.21 -0.44 0.00	23.79 -0.22 0.00	21.68 -0.20 0.00	19.30 -0.19 0.00	18.92 -0.32 0.00	22.16 -0.47 0.00	23.90 -0.71 0.00	29.96 -1.06 0.00	37.24 -0.97 0.00	36.61 -1.35 0.00	36.52 -1.62 0.00	34.06 -1.47 0.00	36.98 -1.91 0.00	31.81 -1.76 0.04	31.78 -1.52 0.00	29.44 -0.92 0.00
RUSSELL___2 23532	27.52 -0.22 0.00	32.13 -0.10 0.00	27.92 -0.12 0.00	26.14 -0.03 0.00	27.94 -0.13 0.00	32.12 -0.12 0.00	35.68 -0.61 0.00	42.81 -1.20 0.00	27.21 -0.44 0.00	23.79 -0.22 0.00	21.68 -0.20 0.00	19.30 -0.19 0.00	18.92 -0.32 0.00	22.16 -0.47 0.00	23.90 -0.71 0.00	29.96 -1.06 0.00	37.24 -0.97 0.00	36.61 -1.35 0.00	36.52 -1.62 0.00	34.06 -1.47 0.00	36.98 -1.91 0.00	31.81 -1.76 0.04	31.78 -1.52 0.00	29.44 -0.92 0.00
RUSSELL___3 23549	27.52 -0.22 0.00	32.13 -0.10 0.00	27.92 -0.12 0.00	26.14 -0.03 0.00	27.94 -0.13 0.00	32.12 -0.12 0.00	35.68 -0.61 0.00	42.81 -1.20 0.00	27.21 -0.44 0.00	23.79 -0.22 0.00	21.68 -0.20 0.00	19.30 -0.19 0.00	18.92 -0.32 0.00	22.16 -0.47 0.00	23.90 -0.71 0.00	29.96 -1.06 0.00	37.24 -0.97 0.00	36.61 -1.35 0.00	36.52 -1.62 0.00	34.06 -1.47 0.00	36.98 -1.91 0.00	31.81 -1.76 0.04	31.78 -1.52 0.00	29.44 -0.92 0.00
RUSSELL___4 23556	27.52 -0.22 0.00	32.13 -0.10 0.00	27.92 -0.12 0.00	26.14 -0.03 0.00	27.94 -0.13 0.00	32.12 -0.12 0.00	35.68 -0.61 0.00	42.81 -1.20 0.00	27.21 -0.44 0.00	23.79 -0.22 0.00	21.68 -0.20 0.00	19.30 -0.19 0.00	18.92 -0.32 0.00	22.16 -0.47 0.00	23.90 -0.71 0.00	29.96 -1.06 0.00	37.24 -0.97 0.00	36.61 -1.35 0.00	36.52 -1.62 0.00	34.06 -1.47 0.00	36.98 -1.91 0.00	31.81 -1.76 0.04	31.78 -1.52 0.00	29.44 -0.92 0.00
RUSSELL___STATION 23914	27.52 -0.22 0.00	32.13 -0.10 0.00	27.92 -0.12 0.00	26.14 -0.03 0.00	27.94 -0.13 0.00	32.12 -0.12 0.00	35.68 -0.61 0.00	42.81 -1.20 0.00	27.21 -0.44 0.00	23.79 -0.22 0.00	21.68 -0.20 0.00	19.30 -0.19 0.00	18.92 -0.32 0.00	22.16 -0.47 0.00	23.90 -0.71 0.00	29.96 -1.06 0.00	37.24 -0.97 0.00	36.61 -1.35 0.00	36.52 -1.62 0.00	34.06 -1.47 0.00	36.98 -1.91 0.00	31.81 -1.76 0.04	31.78 -1.52 0.00	29.44 -0.92 0.00
S SALMON___HYD 24043	27.63 -0.10 0.00	32.17 -0.06 0.00	28.00 -0.04 0.00	26.16 -0.01 0.00	28.06 -0.02 0.00	32.26 0.02 0.00	36.20 -0.09 0.00	43.81 -0.20 0.00	27.47 -0.18 0.00	23.80 -0.20 0.00	21.66 -0.22 0.00	19.29 -0.20 0.00	19.09 -0.14 0.00	22.44 -0.19 0.00	24.43 -0.18 0.00	30.77 -0.25 0.00	38.02 -0.19 0.00	37.63 -0.32 0.00	37.86 -0.29 0.00	35.24 -0.29 0.00	38.64 -0.24 0.00	33.34 -0.27 0.00	32.90 -0.40 0.00	29.83 -0.54 0.00
S.PERRY__115KV_TB1 80734	28.28 0.56 0.00	33.15 0.92 0.00	28.82 0.78 0.00	26.95 0.78 0.00	28.85 0.78 0.00	33.23 0.99 0.00	37.00 0.71 0.00	44.52 0.51 0.00	28.20 0.56 0.00	24.57 0.56 0.00	22.24 0.35 0.00	19.61 0.12 0.00	19.10 -0.13 0.00	22.49 -0.15 0.00	24.35 -0.26 0.00	30.71 -0.31 0.00	38.49 0.28 0.00	37.79 -0.15 0.00	37.38 -0.76 0.00	34.67 -0.86 0.00	37.59 -1.30 0.00	32.23 -1.29 0.10	32.16 -1.14 0.00	29.77 -0.59 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.44 -0.29 0.00	32.17 -0.06 0.00	27.95 -0.09 0.00	26.21 0.04 0.00	27.95 -0.13 0.00	32.11 -0.13 0.00	35.27 -1.02 0.00	41.95 -2.06 0.00	26.88 -0.77 0.00	23.60 -0.40 0.00	21.52 -0.37 0.00	19.17 -0.32 0.00	18.68 -0.55 0.00	21.80 -0.84 0.00	23.36 -1.25 0.00	29.12 -1.89 0.00	36.32 -1.89 0.00	35.34 -2.62 0.00	34.97 -3.17 0.00	32.70 -2.83 0.00	35.32 -3.57 0.00	30.35 -3.19 0.07	30.48 -2.81 0.00	28.70 -1.66 0.00



SAWYER___23_KV_LOAD 55526	27.44 -0.29 0.00	32.17 -0.06 0.00	27.95 -0.09 0.00	26.21 0.04 0.00	27.95 -0.13 0.00	32.11 -0.13 0.00	35.27 -1.02 0.00	41.95 -2.06 0.00	26.88 -0.77 0.00	23.60 -0.40 0.00	21.52 -0.37 0.00	19.17 -0.32 0.00	18.68 -0.55 0.00	21.80 -0.84 0.00	23.36 -1.25 0.00	29.12 -1.89 0.00	36.32 -1.89 0.00	35.34 -2.62 0.00	34.97 -3.17 0.00	32.70 -2.83 0.00	35.32 -3.57 0.00	30.35 -3.19 0.07	30.48 -2.81 0.00	28.70 -1.66 0.00
SELKIRK___I 23801	28.13 0.40 0.00	32.70 0.46 0.00	28.43 0.39 0.00	26.54 0.37 0.00	28.47 0.39 0.00	32.68 0.43 0.00	36.88 0.59 0.00	44.75 0.74 0.00	27.95 0.30 0.00	24.17 0.16 0.00	22.00 0.11 0.00	19.63 0.14 0.00	19.42 0.18 0.00	22.96 0.32 0.00	25.09 0.48 0.00	31.72 0.70 0.00	39.05 0.84 0.00	38.82 0.87 0.00	39.04 0.90 0.00	36.37 0.84 0.00	39.83 0.95 0.00	34.41 0.80 0.00	33.96 0.66 0.00	30.94 0.57 0.00
SELKIRK___II 23799	28.02 0.28 0.00	32.55 0.32 0.00	28.30 0.26 0.00	26.42 0.25 0.00	28.34 0.26 0.00	32.54 0.30 0.00	36.70 0.41 0.00	44.57 0.56 0.00	27.93 0.29 0.00	24.21 0.21 0.00	22.05 0.16 0.00	19.65 0.16 0.00	19.45 0.22 0.00	22.96 0.32 0.00	25.05 0.44 0.00	31.63 0.61 0.00	38.89 0.68 0.00	38.69 0.74 0.00	38.90 0.76 0.00	36.24 0.72 0.00	39.71 0.82 0.00	34.29 0.68 0.00	33.84 0.55 0.00	30.82 0.45 0.00
SENECA OSWGO___HYD 24041	27.34 -0.40 0.00	31.79 -0.44 0.00	27.64 -0.39 0.00	25.82 -0.35 0.00	27.70 -0.38 0.00	31.81 -0.43 0.00	35.73 -0.56 0.00	43.30 -0.71 0.00	27.21 -0.44 0.00	23.61 -0.40 0.00	21.53 -0.35 0.00	19.16 -0.33 0.00	18.91 -0.32 0.00	22.15 -0.48 0.00	24.03 -0.58 0.00	30.29 -0.73 0.00	37.39 -0.82 0.00	37.08 -0.87 0.00	37.21 -0.93 0.00	34.64 -0.89 0.00	37.86 -1.03 0.00	32.71 -0.90 0.00	32.58 -0.72 0.00	29.74 -0.63 0.00
SENECA___115KV_TB3 355854	27.89 0.16 0.00	32.71 0.48 0.00	28.41 0.37 0.00	26.64 0.47 0.00	28.42 0.34 0.00	32.65 0.40 0.00	35.90 -0.39 0.00	42.77 -1.24 0.00	27.36 -0.28 0.00	24.04 0.04 0.00	21.91 0.03 0.00	19.51 0.02 0.00	19.01 -0.23 0.00	22.21 -0.43 0.00	23.83 -0.78 0.00	29.73 -1.28 0.00	37.07 -1.14 0.00	36.03 -1.92 0.00	35.62 -2.53 0.00	33.23 -2.30 0.00	35.90 -2.99 0.00	30.84 -2.70 0.07	30.98 -2.32 0.00	29.11 -1.26 0.00
SENECA___ENERGY 23797	27.73 -0.01 0.00	32.28 0.05 0.00	28.10 0.07 0.00	26.23 0.07 0.00	28.13 0.06 0.00	32.38 0.14 0.00	36.33 0.04 0.00	43.89 -0.12 0.00	27.65 0.00 0.00	24.01 0.01 0.00	21.81 -0.08 0.00	19.44 -0.05 0.00	19.07 -0.16 0.00	22.42 -0.22 0.00	24.32 -0.29 0.00	30.67 -0.34 0.00	37.98 -0.23 0.00	37.53 -0.42 0.00	37.49 -0.66 0.00	34.85 -0.68 0.00	37.94 -0.95 0.00	32.75 -0.85 0.02	32.52 -0.78 0.00	29.85 -0.51 0.00
SHOEMAKER___GT 23640	28.75 1.03 0.00	33.31 1.08 0.00	29.01 0.97 0.00	27.02 0.85 0.00	29.06 0.98 0.00	33.32 1.08 0.00	37.49 1.21 0.00	45.62 1.61 0.00	28.64 0.99 0.00	24.91 0.91 0.00	22.78 0.89 0.00	20.27 0.78 0.00	20.02 0.79 0.00	23.59 0.95 0.00	25.57 0.97 0.00	32.30 1.28 0.00	39.80 1.59 0.00	39.66 1.71 0.00	39.86 1.72 0.00	37.10 1.58 0.00	40.63 1.74 0.00	35.10 1.49 0.00	34.64 1.35 0.00	31.52 1.16 0.00
SHOEMAKR_138KV_BK 111 55601	28.75 1.02 0.00	33.30 1.07 0.00	28.99 0.96 0.00	27.00 0.83 0.00	29.04 0.97 0.00	33.30 1.06 0.00	37.47 1.18 0.00	45.59 1.58 0.00	28.64 0.99 0.00	24.93 0.92 0.00	22.80 0.91 0.00	20.29 0.80 0.00	20.04 0.80 0.00	23.59 0.96 0.00	25.58 0.97 0.00	32.29 1.27 0.00	39.78 1.57 0.00	39.65 1.70 0.00	39.85 1.70 0.00	37.08 1.56 0.00	40.60 1.72 0.00	35.09 1.48 0.00	34.64 1.34 0.00	31.51 1.14 0.00
SHOREHAM_IC_1 23715	29.37 1.64 0.00	33.91 1.68 0.00	29.40 1.37 0.00	27.25 1.09 0.00	29.30 1.22 0.00	33.54 1.30 0.00	37.78 1.49 0.00	46.09 2.08 0.00	29.04 1.39 0.00	25.17 1.17 0.00	23.30 1.41 0.00	20.82 1.33 0.00	20.62 1.39 0.00	24.12 2.00 0.51	26.56 1.95 0.00	33.48 2.46 0.00	41.11 2.98 0.08	39.84 3.24 1.35	41.13 3.06 0.07	38.21 2.69 0.00	42.12 3.23 0.00	36.30 2.69 0.00	35.14 2.43 0.58	32.34 1.98 0.00
SHOREHAM_IC_2 23716	29.37 1.64 0.00	33.91 1.68 0.00	29.40 1.37 0.00	27.25 1.09 0.00	29.30 1.22 0.00	33.54 1.30 0.00	37.78 1.49 0.00	46.09 2.08 0.00	29.04 1.39 0.00	25.17 1.17 0.00	23.30 1.41 0.00	20.82 1.33 0.00	20.62 1.39 0.00	24.12 2.00 0.51	26.56 1.95 0.00	33.48 2.46 0.00	41.11 2.98 0.08	39.84 3.24 1.35	41.13 3.06 0.07	38.21 2.69 0.00	42.12 3.23 0.00	36.30 2.69 0.00	35.14 2.43 0.58	32.34 1.98 0.00
SISSONVILLE____ 23735	26.60 -1.13 0.00	31.12 -1.11 0.00	27.03 -1.01 0.00	25.29 -0.87 0.00	26.91 -1.17 0.00	31.15 -1.09 0.00	35.39 -0.90 0.00	42.32 -1.69 0.00	26.65 -1.00 0.00	23.16 -0.84 0.00	20.85 -1.03 0.00	18.62 -0.87 0.00	18.29 -0.95 0.00	21.63 -1.01 0.00	24.28 -0.33 0.00	30.44 -0.58 0.00	37.45 -0.76 0.00	37.77 -0.18 0.00	38.82 0.67 0.00	36.71 1.19 0.00	40.22 1.33 0.00	34.67 1.06 0.00	33.85 0.56 0.00	30.56 0.19 0.00
SITHE_IND_GS1 24169	27.01 -0.73 0.00	31.41 -0.82 0.00	27.32 -0.72 0.00	25.51 -0.65 0.00	27.36 -0.72 0.00	31.44 -0.80 0.00	35.32 -0.96 0.00	42.78 -1.23 0.00	26.91 -0.73 0.00	23.38 -0.62 0.00	21.32 -0.56 0.00	18.98 -0.51 0.00	18.70 -0.53 0.00	21.92 -0.71 0.00	23.72 -0.89 0.00	29.85 -1.16 0.00	36.84 -1.37 0.00	36.53 -1.42 0.00	36.66 -1.49 0.00	34.13 -1.40 0.00	37.30 -1.59 0.00	32.27 -1.34 0.00	32.20 -1.10 0.00	29.43 -0.94 0.00
SITHE_IND_GS2 24170	27.01 -0.73 0.00	31.41 -0.82 0.00	27.32 -0.72 0.00	25.51 -0.65 0.00	27.36 -0.72 0.00	31.44 -0.80 0.00	35.32 -0.96 0.00	42.78 -1.23 0.00	26.91 -0.73 0.00	23.38 -0.62 0.00	21.32 -0.56 0.00	18.98 -0.51 0.00	18.70 -0.53 0.00	21.92 -0.71 0.00	23.72 -0.89 0.00	29.85 -1.16 0.00	36.84 -1.37 0.00	36.53 -1.42 0.00	36.66 -1.49 0.00	34.13 -1.40 0.00	37.30 -1.59 0.00	32.27 -1.34 0.00	32.20 -1.10 0.00	29.43 -0.94 0.00
SITHE_IND_GS3 24171	27.01 -0.73 0.00	31.41 -0.82 0.00	27.32 -0.72 0.00	25.51 -0.65 0.00	27.36 -0.72 0.00	31.44 -0.80 0.00	35.32 -0.96 0.00	42.78 -1.23 0.00	26.91 -0.73 0.00	23.38 -0.62 0.00	21.32 -0.56 0.00	18.98 -0.51 0.00	18.70 -0.53 0.00	21.92 -0.71 0.00	23.72 -0.89 0.00	29.85 -1.16 0.00	36.84 -1.37 0.00	36.53 -1.42 0.00	36.66 -1.49 0.00	34.13 -1.40 0.00	37.30 -1.59 0.00	32.27 -1.34 0.00	32.20 -1.10 0.00	29.43 -0.94 0.00
SITHE_IND_GS4 24172	27.01 -0.73 0.00	31.41 -0.82 0.00	27.32 -0.72 0.00	25.51 -0.65 0.00	27.36 -0.72 0.00	31.44 -0.80 0.00	35.32 -0.96 0.00	42.78 -1.23 0.00	26.91 -0.73 0.00	23.38 -0.62 0.00	21.32 -0.56 0.00	18.98 -0.51 0.00	18.70 -0.53 0.00	21.92 -0.71 0.00	23.72 -0.89 0.00	29.85 -1.16 0.00	36.84 -1.37 0.00	36.53 -1.42 0.00	36.66 -1.49 0.00	34.13 -1.40 0.00	37.30 -1.59 0.00	32.27 -1.34 0.00	32.20 -1.10 0.00	29.43 -0.94 0.00



SITHE___BATAVIA 24024	26.89 0.14 0.99	20.77 0.33 11.79	24.67 0.26 3.62	24.50 0.34 2.01	26.95 0.25 1.37	29.47 0.33 3.10	30.80 -0.39 5.10	41.93 -1.15 0.93	26.11 -0.22 1.32	23.60 -0.02 0.39	21.34 0.00 0.54	18.34 -0.08 1.07	18.14 -0.30 0.79	21.00 -0.55 1.09	22.21 -0.76 1.64	28.70 -1.19 1.13	34.44 -0.93 2.85	30.24 -1.48 6.23	35.80 -1.93 0.41	33.45 -1.71 0.37	36.62 -2.27 0.00	31.42 -2.14 0.05	31.44 -1.86 0.00	29.46 -0.91 0.00
SITHE___INDEPEND 23800	27.01 -0.72 0.00	31.41 -0.82 0.00	27.32 -0.71 0.00	25.51 -0.65 0.00	27.36 -0.72 0.00	31.44 -0.80 0.00	35.32 -0.97 0.00	42.77 -1.24 0.00	26.91 -0.73 0.00	23.38 -0.62 0.00	21.32 -0.57 0.00	18.98 -0.51 0.00	18.70 -0.53 0.00	21.92 -0.71 0.00	23.72 -0.89 0.00	29.85 -1.16 0.00	36.84 -1.37 0.00	36.52 -1.43 0.00	36.65 -1.49 0.00	34.13 -1.40 0.00	37.31 -1.58 0.00	32.27 -1.34 0.00	32.20 -1.10 0.00	29.43 -0.94 0.00
SITHE___MASSENA 23902	26.27 -1.46 0.00	30.72 -1.51 0.00	26.67 -1.37 0.00	24.96 -1.21 0.00	26.51 -1.56 0.00	30.71 -1.53 0.00	34.89 -1.40 0.00	41.68 -2.33 0.00	26.34 -1.31 0.00	22.98 -1.03 0.00	20.69 -1.19 0.00	18.47 -1.02 0.00	18.12 -1.12 0.00	21.38 -1.25 0.00	24.03 -0.58 0.00	30.05 -0.97 0.00	36.91 -1.30 0.00	37.28 -0.67 0.00	38.40 0.25 0.00	36.37 0.84 0.00	39.84 0.95 0.00	34.37 0.76 0.00	33.65 0.36 0.00	30.47 0.10 0.00
SITHE___OGDNSBRG 24021	26.79 -0.94 0.00	31.32 -0.91 0.00	27.20 -0.84 0.00	25.45 -0.72 0.00	27.06 -1.02 0.00	31.35 -0.89 0.00	35.64 -0.65 0.00	42.55 -1.46 0.00	26.71 -0.93 0.00	23.11 -0.90 0.00	20.78 -1.11 0.00	18.56 -0.93 0.00	18.21 -1.03 0.00	21.56 -1.08 0.00	24.35 -0.26 0.00	30.68 -0.33 0.00	37.80 -0.41 0.00	38.19 0.24 0.00	39.28 1.13 0.00	37.19 1.66 0.00	40.70 1.81 0.00	35.06 1.45 0.00	34.25 0.95 0.00	30.95 0.58 0.00
SITHE___STERLING 23777	28.32 0.59 0.00	32.97 0.73 0.00	28.73 0.69 0.00	26.84 0.68 0.00	28.82 0.74 0.00	33.13 0.89 0.00	37.29 1.00 0.00	45.21 1.20 0.00	28.36 0.71 0.00	24.56 0.55 0.00	22.36 0.47 0.00	19.88 0.39 0.00	19.61 0.37 0.00	23.15 0.52 0.00	25.20 0.59 0.00	31.88 0.86 0.00	39.37 1.17 0.00	38.99 1.04 0.00	39.17 1.03 0.00	36.45 0.92 0.00	39.87 0.98 0.00	34.39 0.78 0.00	33.99 0.69 0.00	30.91 0.54 0.00
SLEIGHT__34_KV_TB1 80719	27.42 -0.31 0.00	31.98 -0.25 0.00	27.78 -0.26 0.00	25.98 -0.19 0.00	27.81 -0.26 0.00	32.02 -0.22 0.00	35.74 -0.55 0.00	43.04 -0.97 0.00	27.25 -0.39 0.00	23.75 -0.26 0.00	21.63 -0.25 0.00	19.27 -0.22 0.00	18.90 -0.33 0.00	22.19 -0.45 0.00	24.00 -0.61 0.00	30.16 -0.85 0.00	37.42 -0.79 0.00	36.90 -1.06 0.00	36.82 -1.32 0.00	34.31 -1.22 0.00	37.33 -1.56 0.00	32.16 -1.43 0.02	32.01 -1.28 0.00	29.51 -0.85 0.00
SOUTH CAIRO___GT 23612	28.83 1.09 0.00	33.52 1.28 0.00	29.10 1.07 0.00	27.21 1.04 0.00	29.17 1.09 0.00	33.56 1.33 0.00	37.94 1.65 0.00	46.12 2.11 0.00	28.70 1.05 0.00	24.55 0.55 0.00	22.18 0.29 0.00	19.78 0.29 0.00	19.61 0.38 0.00	23.27 0.64 0.00	25.60 0.99 0.00	32.63 1.61 0.00	40.51 2.30 0.00	40.38 2.43 0.00	40.56 2.41 0.00	37.70 2.17 0.00	41.18 2.29 0.00	35.46 1.85 0.00	34.88 1.59 0.00	31.74 1.37 0.00
SOUTH HAMPTN___IC 23720	29.31 1.57 0.00	33.84 1.61 0.00	29.29 1.26 0.00	27.13 0.96 0.00	29.19 1.11 0.00	33.45 1.21 0.00	37.68 1.39 0.00	46.02 2.01 0.00	29.02 1.37 0.00	25.15 1.15 0.00	23.33 1.44 0.00	20.90 1.41 0.00	20.74 1.51 0.00	24.28 2.16 0.52	26.76 2.15 0.00	33.75 2.74 0.00	41.41 3.29 0.09	40.03 3.44 1.36	41.28 3.20 0.07	38.36 2.83 0.00	42.30 3.41 0.00	36.48 2.88 0.00	35.33 2.63 0.59	32.48 2.12 0.00
SOUTHDOW_115KV_TB1 355954	28.94 1.21 0.00	33.92 1.69 0.00	29.46 1.43 0.00	27.62 1.45 0.00	29.54 1.46 0.00	33.86 1.61 0.00	37.20 0.91 0.00	44.54 0.53 0.00	28.52 0.87 0.00	25.13 1.12 0.00	22.92 1.03 0.00	20.37 0.88 0.00	19.81 0.57 0.00	23.08 0.44 0.00	24.79 0.18 0.00	31.07 0.05 0.00	38.71 0.50 0.00	37.35 -0.60 0.00	36.66 -1.48 0.00	34.15 -1.38 0.00	36.80 -2.08 0.00	31.75 -1.78 0.08	31.90 -1.40 0.00	29.94 -0.42 0.00
SOUTHOLD_69_KV_BK 2 55809	29.08 1.35 0.00	33.58 1.35 0.00	28.96 0.92 0.00	26.78 0.61 0.00	28.84 0.76 0.00	33.15 0.91 0.00	37.35 1.06 0.00	45.73 1.72 0.00	28.89 1.24 0.00	25.00 1.00 0.00	23.32 1.44 0.00	20.98 1.50 0.00	20.93 1.70 0.00	24.55 2.43 0.52	27.08 2.47 0.00	34.19 3.17 0.00	41.90 3.78 0.09	40.33 3.74 1.36	41.48 3.41 0.07	38.56 3.04 0.00	42.58 3.69 0.00	36.78 3.17 0.00	35.66 2.95 0.59	32.69 2.33 0.00
SOUTHOLD___IC 23719	29.08 1.35 0.00	33.57 1.34 0.00	28.96 0.93 0.00	26.78 0.61 0.00	28.84 0.77 0.00	33.15 0.91 0.00	37.36 1.07 0.00	45.73 1.72 0.00	28.89 1.24 0.00	25.00 1.00 0.00	23.32 1.43 0.00	20.99 1.50 0.00	20.93 1.70 0.00	24.54 2.43 0.52	27.08 2.47 0.00	34.19 3.17 0.00	41.90 3.78 0.09	40.32 3.73 1.36	41.47 3.40 0.07	38.56 3.03 0.00	42.59 3.70 0.00	36.77 3.16 0.00	35.66 2.95 0.59	32.69 2.33 0.00
SOUTH_FORK_WT_PWR 323839	28.69 0.96 0.00	33.13 0.90 0.00	28.51 0.47 0.00	26.33 0.16 0.00	28.39 0.31 0.00	32.67 0.43 0.00	36.83 0.54 0.00	45.13 1.12 0.00	28.56 0.91 0.00	24.69 0.69 0.00	23.14 1.25 0.00	20.89 1.40 0.00	20.92 1.69 0.00	24.56 2.45 0.52	27.12 2.51 0.00	34.25 3.23 0.00	41.89 3.77 0.09	40.15 3.56 1.36	41.22 3.15 0.07	38.35 2.82 0.00	42.42 3.53 0.00	36.67 3.06 0.00	35.59 2.88 0.59	32.59 2.23 0.00
SPIERFLS_115KV_TB 1 80737	29.34 1.61 0.00	34.16 1.93 0.00	29.63 1.60 0.00	27.75 1.58 0.00	29.73 1.65 0.00	34.17 1.93 0.00	38.66 2.37 0.00	46.98 2.97 0.00	29.31 1.66 0.00	25.12 1.11 0.00	22.85 0.97 0.00	20.31 0.82 0.00	20.19 0.95 0.00	23.99 1.35 0.00	26.27 1.66 0.00	33.24 2.22 0.00	41.05 2.84 0.00	40.89 2.94 0.00	40.94 2.80 0.00	38.04 2.52 0.00	41.54 2.65 0.00	35.86 2.24 0.00	35.23 1.93 0.00	32.19 1.82 0.00
ST LAWRENCE____ 23600	25.93 -1.80 0.00	30.31 -1.92 0.00	26.31 -1.72 0.00	24.62 -1.55 0.00	26.17 -1.91 0.00	30.29 -1.96 0.00	34.42 -1.88 0.00	41.12 -2.89 0.00	26.01 -1.63 0.00	22.72 -1.28 0.00	20.47 -1.42 0.00	18.26 -1.23 0.00	17.91 -1.32 0.00	21.14 -1.50 0.00	23.73 -0.88 0.00	29.66 -1.36 0.00	36.40 -1.81 0.00	36.79 -1.16 0.00	37.90 -0.25 0.00	35.90 0.37 0.00	39.31 0.42 0.00	33.94 0.33 0.00	33.25 -0.04 0.00	30.12 -0.25 0.00
STATE_CA_115KV_115_LB 55624	28.03 0.30 0.00	32.58 0.34 0.00	28.31 0.28 0.00	26.43 0.26 0.00	28.34 0.27 0.00	32.54 0.30 0.00	36.73 0.44 0.00	44.61 0.60 0.00	27.96 0.31 0.00	24.23 0.23 0.00	22.04 0.15 0.00	19.66 0.17 0.00	19.49 0.25 0.00	23.03 0.39 0.00	25.13 0.52 0.00	31.74 0.72 0.00	39.04 0.83 0.00	38.84 0.89 0.00	39.04 0.89 0.00	36.37 0.84 0.00	39.83 0.94 0.00	34.40 0.79 0.00	33.91 0.61 0.00	30.87 0.51 0.00



STATE_ST_34_KV_LOAD 55959	27.98 0.25 0.00	32.58 0.34 0.00	28.25 0.21 0.00	26.37 0.20 0.00	28.28 0.21 0.00	32.64 0.40 0.00	36.69 0.40 0.00	44.28 0.27 0.00	27.90 0.25 0.00	24.20 0.19 0.00	22.02 0.13 0.00	19.61 0.12 0.00	19.26 0.02 0.00	22.68 0.05 0.00	24.63 0.02 0.00	31.06 0.05 0.00	38.42 0.21 0.00	38.01 0.06 0.00	37.95 -0.19 0.00	35.39 -0.14 0.00	38.59 -0.30 0.00	33.37 -0.26 -0.02	33.05 -0.24 0.00	30.31 -0.06 0.00
STATION 5_MISC_HYD 23604	26.75 -0.33 0.66	24.12 -0.23 7.88	25.37 -0.24 2.42	24.70 -0.13 1.34	26.92 -0.24 0.92	29.92 -0.24 2.07	32.11 -0.76 3.41	42.00 -1.38 0.62	26.21 -0.55 0.88	23.42 -0.32 0.26	21.24 -0.28 0.36	18.50 -0.27 0.71	18.29 -0.41 0.53	21.32 -0.58 0.73	22.68 -0.83 1.10	29.05 -1.21 0.75	35.15 -1.16 1.90	32.25 -1.54 4.17	36.03 -1.83 0.27	33.62 -1.66 0.25	36.79 -2.10 0.00	31.65 -1.92 0.04	31.63 -1.67 0.00	29.31 -1.06 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	27.69 -0.04 0.00	32.29 0.06 0.00	28.09 0.05 0.00	26.26 0.09 0.00	28.12 0.04 0.00	32.35 0.10 0.00	36.11 -0.18 0.00	43.49 -0.52 0.00	27.53 -0.11 0.00	24.00 0.00 0.00	21.82 -0.06 0.00	19.44 -0.05 0.00	19.07 -0.16 0.00	22.39 -0.25 0.00	24.21 -0.40 0.00	30.44 -0.58 0.00	37.77 -0.44 0.00	37.23 -0.72 0.00	37.19 -0.95 0.00	34.62 -0.92 0.00	37.64 -1.25 0.00	32.39 -1.18 0.04	32.28 -1.01 0.00	29.75 -0.62 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.28 -0.45 0.00	31.84 -0.39 0.00	27.67 -0.36 0.00	25.90 -0.26 0.00	27.70 -0.38 0.00	31.85 -0.39 0.00	35.40 -0.89 0.00	42.50 -1.51 0.00	26.99 -0.66 0.00	23.59 -0.42 0.00	21.50 -0.39 0.00	19.14 -0.35 0.00	18.76 -0.48 0.00	21.98 -0.66 0.00	23.70 -0.91 0.00	29.72 -1.29 0.00	36.92 -1.28 0.00	36.31 -1.64 0.00	36.25 -1.90 0.00	33.80 -1.73 0.00	36.71 -2.18 0.00	31.59 -1.98 0.04	31.55 -1.74 0.00	29.21 -1.15 0.00
STA_56___34_KV_BUS2 355883	27.28 -0.45 0.00	31.84 -0.39 0.00	27.67 -0.36 0.00	25.90 -0.26 0.00	27.70 -0.38 0.00	31.85 -0.39 0.00	35.40 -0.89 0.00	42.50 -1.51 0.00	26.99 -0.66 0.00	23.59 -0.42 0.00	21.50 -0.39 0.00	19.14 -0.35 0.00	18.76 -0.48 0.00	21.98 -0.66 0.00	23.70 -0.91 0.00	29.72 -1.29 0.00	36.92 -1.28 0.00	36.31 -1.64 0.00	36.25 -1.90 0.00	33.80 -1.73 0.00	36.71 -2.18 0.00	31.59 -1.98 0.04	31.55 -1.74 0.00	29.21 -1.15 0.00
STA_67___115KV_BK2 355882	27.36 -0.37 0.00	31.95 -0.28 0.00	27.76 -0.27 0.00	25.99 -0.17 0.00	27.79 -0.29 0.00	31.95 -0.29 0.00	35.47 -0.82 0.00	42.56 -1.45 0.00	27.04 -0.61 0.00	23.65 -0.36 0.00	21.55 -0.34 0.00	19.19 -0.30 0.00	18.79 -0.45 0.00	22.00 -0.63 0.00	23.72 -0.89 0.00	29.73 -1.29 0.00	36.95 -1.26 0.00	36.30 -1.65 0.00	36.22 -1.92 0.00	33.79 -1.74 0.00	36.69 -2.20 0.00	31.58 -1.99 0.04	31.56 -1.74 0.00	29.26 -1.11 0.00
STA_7___115KV_9TRANS 80674	27.52 -0.22 0.00	32.13 -0.10 0.00	27.92 -0.12 0.00	26.14 -0.03 0.00	27.94 -0.13 0.00	32.12 -0.12 0.00	35.68 -0.61 0.00	42.81 -1.20 0.00	27.21 -0.44 0.00	23.79 -0.22 0.00	21.68 -0.20 0.00	19.30 -0.19 0.00	18.92 -0.32 0.00	22.16 -0.47 0.00	23.90 -0.71 0.00	29.96 -1.06 0.00	37.24 -0.97 0.00	36.61 -1.35 0.00	36.52 -1.62 0.00	34.06 -1.47 0.00	36.98 -1.91 0.00	31.81 -1.76 0.04	31.78 -1.52 0.00	29.44 -0.92 0.00
STA_82___115KV_TB1 80780	27.36 -0.37 0.00	31.96 -0.28 0.00	27.77 -0.27 0.00	26.01 -0.16 0.00	27.80 -0.27 0.00	31.96 -0.28 0.00	35.48 -0.81 0.00	42.57 -1.44 0.00	27.05 -0.60 0.00	23.65 -0.36 0.00	21.55 -0.33 0.00	19.19 -0.30 0.00	18.80 -0.44 0.00	22.01 -0.63 0.00	23.73 -0.88 0.00	29.74 -1.27 0.00	36.97 -1.24 0.00	36.32 -1.63 0.00	36.23 -1.91 0.00	33.80 -1.73 0.00	36.71 -2.18 0.00	31.59 -1.98 0.04	31.57 -1.73 0.00	29.26 -1.10 0.00
STEEL___WIND 323596	26.44 0.12 1.41	15.77 0.47 16.94	23.16 0.32 5.20	23.72 0.43 2.88	26.41 0.30 1.97	28.16 0.37 4.45	28.53 -0.43 7.32	41.41 -1.26 1.34	25.44 -0.31 1.90	23.45 0.01 0.57	21.13 0.02 0.78	17.95 -0.01 1.53	17.84 -0.26 1.13	20.62 -0.46 1.56	21.44 -0.81 2.36	28.09 -1.31 1.62	32.96 -1.17 4.09	27.06 -1.94 8.95	34.96 -2.59 0.59	32.62 -2.37 0.54	35.86 -3.03 0.00	30.79 -2.75 0.07	30.92 -2.38 0.00	29.06 -1.31 0.00
STEPHTWN_115KV_BK_2 55603	28.20 0.47 0.00	32.74 0.51 0.00	28.44 0.41 0.00	26.54 0.38 0.00	28.51 0.44 0.00	32.73 0.48 0.00	37.00 0.71 0.00	44.97 0.96 0.00	28.12 0.48 0.00	24.37 0.37 0.00	22.13 0.25 0.00	19.77 0.28 0.00	19.60 0.36 0.00	23.16 0.52 0.00	25.27 0.66 0.00	31.93 0.91 0.00	39.25 1.04 0.00	39.05 1.10 0.00	39.31 1.17 0.00	36.59 1.07 0.00	40.10 1.21 0.00	34.60 0.98 0.00	34.07 0.77 0.00	30.99 0.62 0.00
STEUBEN_REC_LFGE 323667	27.75 0.02 0.00	32.90 0.67 0.00	28.61 0.58 0.00	26.71 0.54 0.00	28.67 0.60 0.00	33.10 0.86 0.00	36.91 0.62 0.00	44.52 0.51 0.00	28.16 0.52 0.00	24.57 0.57 0.00	22.24 0.35 0.00	19.71 0.22 0.00	19.20 -0.04 0.00	22.61 -0.03 0.00	24.53 -0.08 0.00	30.84 -0.17 0.00	38.32 0.11 0.00	37.20 -0.75 0.00	36.18 -1.96 0.00	33.31 -2.22 0.00	35.94 -2.95 0.00	30.77 -2.62 0.22	30.73 -2.56 0.00	28.56 -1.81 0.00
STILLWATER___SOLAR 323814	28.95 1.22 0.00	33.68 1.45 0.00	29.25 1.21 0.00	27.34 1.18 0.00	29.31 1.23 0.00	33.67 1.43 0.00	38.05 1.76 0.00	46.21 2.20 0.00	28.84 1.19 0.00	24.81 0.80 0.00	22.56 0.68 0.00	20.08 0.59 0.00	19.91 0.68 0.00	23.65 1.01 0.00	25.92 1.31 0.00	32.79 1.77 0.00	40.40 2.19 0.00	40.20 2.25 0.00	40.34 2.20 0.00	37.55 2.02 0.00	41.07 2.19 0.00	35.46 1.85 0.00	34.91 1.61 0.00	31.85 1.48 0.00
STONY___BROOK 24151	29.36 1.62 0.00	33.91 1.68 0.00	29.42 1.39 0.00	27.28 1.11 0.00	29.32 1.25 0.00	33.54 1.30 0.00	37.77 1.48 0.00	46.04 2.03 0.00	29.04 1.39 0.00	25.23 1.22 0.00	23.30 1.42 0.00	20.79 1.31 0.00	20.56 1.33 0.00	24.03 1.90 0.50	26.44 1.84 0.00	33.29 2.27 0.00	40.87 2.75 0.08	39.67 3.04 1.32	41.00 2.93 0.07	38.09 2.56 0.00	41.93 3.05 0.00	36.15 2.54 0.00	35.01 2.28 0.57	32.24 1.88 0.00
STURGEON_POOL_HYD 23609	28.75 1.02 0.00	33.30 1.07 0.00	28.98 0.95 0.00	26.99 0.82 0.00	29.04 0.96 0.00	33.30 1.06 0.00	37.47 1.18 0.00	45.60 1.59 0.00	28.70 1.05 0.00	25.01 1.01 0.00	22.90 1.02 0.00	20.38 0.88 0.00	20.12 0.89 0.00	23.65 1.01 0.00	25.60 0.99 0.00	32.29 1.27 0.00	39.75 1.54 0.00	39.62 1.67 0.00	39.86 1.72 0.00	37.11 1.58 0.00	40.64 1.76 0.00	35.11 1.50 0.00	34.64 1.35 0.00	31.50 1.13 0.00
ST_LAW_115_BK7_LBMP 345037	25.91 -1.82 0.00	30.29 -1.94 0.00	26.30 -1.74 0.00	24.60 -1.56 0.00	26.14 -1.93 0.00	30.27 -1.97 0.00	34.40 -1.89 0.00	41.08 -2.93 0.00	25.99 -1.66 0.00	22.70 -1.30 0.00	20.44 -1.44 0.00	18.24 -1.25 0.00	17.89 -1.34 0.00	21.11 -1.52 0.00	23.71 -0.90 0.00	29.64 -1.38 0.00	36.38 -1.83 0.00	36.78 -1.17 0.00	37.90 -0.24 0.00	35.91 0.38 0.00	39.34 0.45 0.00	33.95 0.34 0.00	33.25 -0.04 0.00	30.12 -0.25 0.00



ST_LAW_115_BK8_LBMP 345038	25.91 -1.82 0.00	30.29 -1.94 0.00	26.30 -1.74 0.00	24.60 -1.56 0.00	26.14 -1.93 0.00	30.27 -1.97 0.00	34.40 -1.89 0.00	41.08 -2.93 0.00	25.99 -1.66 0.00	22.70 -1.30 0.00	20.44 -1.44 0.00	18.24 -1.25 0.00	17.89 -1.34 0.00	21.11 -1.52 0.00	23.71 -0.90 0.00	29.64 -1.38 0.00	36.38 -1.83 0.00	36.78 -1.17 0.00	37.90 -0.24 0.00	35.91 0.38 0.00	39.34 0.45 0.00	33.95 0.34 0.00	33.25 -0.04 0.00	30.12 -0.25 0.00
ST_LAW_230_BK5_LBMP 345035	25.93 -1.80 0.00	30.31 -1.92 0.00	26.31 -1.72 0.00	24.62 -1.55 0.00	26.17 -1.91 0.00	30.29 -1.96 0.00	34.42 -1.88 0.00	41.12 -2.89 0.00	26.01 -1.63 0.00	22.72 -1.28 0.00	20.47 -1.42 0.00	18.26 -1.23 0.00	17.91 -1.32 0.00	21.14 -1.50 0.00	23.73 -0.88 0.00	29.66 -1.36 0.00	36.40 -1.81 0.00	36.79 -1.16 0.00	37.90 -0.25 0.00	35.90 0.37 0.00	39.31 0.42 0.00	33.94 0.33 0.00	33.25 -0.04 0.00	30.12 -0.25 0.00
ST_LAW_230_BK6_LBMP 345036	25.93 -1.80 0.00	30.31 -1.92 0.00	26.31 -1.72 0.00	24.62 -1.55 0.00	26.17 -1.91 0.00	30.29 -1.96 0.00	34.42 -1.88 0.00	41.12 -2.89 0.00	26.01 -1.63 0.00	22.72 -1.28 0.00	20.47 -1.42 0.00	18.26 -1.23 0.00	17.91 -1.32 0.00	21.14 -1.50 0.00	23.73 -0.88 0.00	29.66 -1.36 0.00	36.40 -1.81 0.00	36.79 -1.16 0.00	37.90 -0.25 0.00	35.90 0.37 0.00	39.31 0.42 0.00	33.94 0.33 0.00	33.25 -0.04 0.00	30.12 -0.25 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	28.84 1.11 0.00	33.40 1.17 0.00	29.08 1.05 0.00	27.07 0.91 0.00	29.14 1.06 0.00	33.40 1.16 0.00	37.58 1.29 0.00	45.75 1.74 0.00	28.75 1.10 0.00	25.06 1.05 0.00	22.95 1.06 0.00	20.41 0.92 0.00	20.16 0.92 0.00	23.72 1.09 0.00	25.71 1.11 0.00	32.43 1.42 0.00	39.94 1.73 0.00	39.81 1.86 0.00	40.02 1.87 0.00	37.24 1.71 0.00	40.79 1.90 0.00	35.24 1.63 0.00	34.78 1.48 0.00	31.63 1.27 0.00
SWANROAD_115KV_TB1 355699	26.88 -0.85 0.00	31.36 -0.88 0.00	27.32 -0.72 0.00	25.59 -0.58 0.00	27.33 -0.75 0.00	31.35 -0.89 0.00	34.37 -1.92 0.00	40.79 -3.22 0.00	26.21 -1.43 0.00	23.00 -1.00 0.00	20.99 -0.90 0.00	18.67 -0.82 0.00	18.21 -1.02 0.00	21.22 -1.42 0.00	22.69 -1.92 0.00	28.27 -2.74 0.00	35.26 -2.95 0.00	34.31 -3.64 0.00	34.06 -4.08 0.00	31.89 -3.64 0.00	34.44 -4.45 0.00	29.61 -3.94 0.06	29.77 -3.53 0.00	28.23 -2.14 0.00
SYNERGY___BIOGAS 323694	26.89 0.14 0.99	20.77 0.33 11.79	24.67 0.26 3.62	24.50 0.34 2.01	26.95 0.25 1.37	29.47 0.33 3.10	30.80 -0.39 5.10	41.93 -1.15 0.93	26.11 -0.22 1.32	23.60 -0.02 0.39	21.34 0.00 0.54	18.34 -0.08 1.07	18.14 -0.30 0.79	21.00 -0.55 1.09	22.21 -0.76 1.64	28.70 -1.19 1.13	34.44 -0.93 2.85	30.24 -1.48 6.23	35.80 -1.93 0.41	33.45 -1.71 0.37	36.62 -2.27 0.00	31.42 -2.14 0.05	31.44 -1.86 0.00	29.46 -0.91 0.00
SYRACUSE___ENERGY_ST1 323597	27.71 -0.03 0.00	32.23 -0.01 0.00	28.02 -0.02 0.00	26.16 -0.01 0.00	28.06 -0.02 0.00	32.26 0.02 0.00	36.27 -0.02 0.00	43.92 -0.09 0.00	27.61 -0.04 0.00	23.96 -0.04 0.00	21.85 -0.04 0.00	19.44 -0.05 0.00	19.16 -0.07 0.00	22.51 -0.12 0.00	24.41 -0.20 0.00	30.76 -0.25 0.00	38.00 -0.21 0.00	37.65 -0.30 0.00	37.73 -0.41 0.00	35.11 -0.42 0.00	38.35 -0.54 0.00	33.14 -0.47 0.00	32.96 -0.34 0.00	30.12 -0.24 0.00
SYRACUSE___ENERGY_ST2 323598	27.71 -0.03 0.00	32.23 -0.01 0.00	28.02 -0.02 0.00	26.16 -0.01 0.00	28.06 -0.02 0.00	32.26 0.02 0.00	36.27 -0.02 0.00	43.92 -0.09 0.00	27.61 -0.04 0.00	23.96 -0.04 0.00	21.85 -0.04 0.00	19.44 -0.05 0.00	19.16 -0.07 0.00	22.51 -0.12 0.00	24.41 -0.20 0.00	30.76 -0.25 0.00	38.00 -0.21 0.00	37.65 -0.30 0.00	37.73 -0.41 0.00	35.11 -0.42 0.00	38.35 -0.54 0.00	33.14 -0.47 0.00	32.96 -0.34 0.00	30.12 -0.24 0.00
SYRACUSE___POWER 24017	27.70 -0.03 0.00	32.21 -0.02 0.00	28.02 -0.02 0.00	26.16 -0.01 0.00	28.06 -0.02 0.00	32.24 0.00 0.00	36.24 -0.05 0.00	43.91 -0.10 0.00	27.60 -0.04 0.00	23.95 -0.05 0.00	21.83 -0.06 0.00	19.44 -0.05 0.00	19.16 -0.07 0.00	22.50 -0.14 0.00	24.40 -0.21 0.00	30.76 -0.26 0.00	37.99 -0.22 0.00	37.65 -0.30 0.00	37.76 -0.38 0.00	35.11 -0.42 0.00	38.36 -0.53 0.00	33.14 -0.48 -0.02	32.96 -0.34 0.00	30.11 -0.25 0.00
TALLMAN___138KV_BK151 55660	28.93 1.20 0.00	33.48 1.25 0.00	29.16 1.13 0.00	27.15 0.98 0.00	29.23 1.16 0.00	33.49 1.25 0.00	37.67 1.38 0.00	45.88 1.87 0.00	28.84 1.19 0.00	25.18 1.17 0.00	23.06 1.18 0.00	20.51 1.02 0.00	20.26 1.02 0.00	23.83 1.19 0.00	25.82 1.21 0.00	32.55 1.53 0.00	40.07 1.86 0.00	39.95 2.00 0.00	40.15 2.01 0.00	37.36 1.84 0.00	40.94 2.05 0.00	35.39 1.78 0.00	34.92 1.62 0.00	31.76 1.39 0.00
TEALLAVE_115KV_TB7 355573	27.55 -0.18 0.00	32.04 -0.19 0.00	27.88 -0.16 0.00	26.03 -0.13 0.00	27.92 -0.16 0.00	32.07 -0.17 0.00	36.03 -0.26 0.00	43.64 -0.37 0.00	27.44 -0.20 0.00	23.83 -0.17 0.00	21.73 -0.15 0.00	19.34 -0.15 0.00	19.07 -0.17 0.00	22.38 -0.26 0.00	24.24 -0.36 0.00	30.55 -0.46 0.00	37.72 -0.48 0.00	37.38 -0.57 0.00	37.49 -0.66 0.00	34.86 -0.67 0.00	38.09 -0.80 0.00	32.91 -0.70 0.00	32.76 -0.54 0.00	29.94 -0.43 0.00
TELGRAPH_34_KV_EAST 80808	27.45 -0.28 0.00	32.07 -0.17 0.00	27.89 -0.14 0.00	26.14 -0.03 0.00	27.93 -0.15 0.00	32.08 -0.16 0.00	35.26 -1.03 0.00	41.96 -2.04 0.00	26.91 -0.73 0.00	23.60 -0.40 0.00	21.52 -0.37 0.00	19.13 -0.36 0.00	18.68 -0.56 0.00	21.78 -0.85 0.00	23.38 -1.22 0.00	29.18 -1.84 0.00	36.41 -1.80 0.00	35.49 -2.46 0.00	35.23 -2.91 0.00	32.94 -2.59 0.00	35.61 -3.28 0.00	30.59 -2.96 0.06	30.69 -2.60 0.00	28.90 -1.46 0.00
TEMPLE___115KV_TB 2 55572	27.56 -0.17 0.00	32.06 -0.18 0.00	27.88 -0.15 0.00	26.04 -0.12 0.00	27.93 -0.14 0.00	32.08 -0.16 0.00	36.06 -0.23 0.00	43.66 -0.34 0.00	27.46 -0.19 0.00	23.84 -0.16 0.00	21.74 -0.15 0.00	19.35 -0.13 0.00	19.08 -0.15 0.00	22.39 -0.25 0.00	24.26 -0.35 0.00	30.57 -0.45 0.00	37.75 -0.46 0.00	37.39 -0.55 0.00	37.50 -0.64 0.00	34.88 -0.65 0.00	38.10 -0.79 0.00	32.91 -0.70 0.00	32.77 -0.53 0.00	29.95 -0.41 0.00
TIANA____69_KV_BK 1 55817	29.36 1.63 0.00	33.91 1.68 0.00	29.37 1.34 0.00	27.22 1.05 0.00	29.27 1.19 0.00	33.52 1.29 0.00	37.76 1.47 0.00	46.09 2.08 0.00	29.05 1.41 0.00	25.18 1.18 0.00	23.34 1.45 0.00	20.87 1.38 0.00	20.70 1.47 0.00	24.21 2.10 0.52	26.68 2.08 0.00	33.66 2.64 0.00	41.31 3.19 0.09	39.98 3.39 1.36	41.26 3.19 0.07	38.34 2.81 0.00	42.26 3.37 0.00	36.44 2.84 0.00	35.28 2.57 0.59	32.46 2.10 0.00
TILDEN___115KV_TB1 80814	27.70 -0.03 0.00	32.21 -0.02 0.00	28.02 -0.02 0.00	26.16 -0.01 0.00	28.06 -0.02 0.00	32.24 0.00 0.00	36.24 -0.05 0.00	43.91 -0.10 0.00	27.60 -0.04 0.00	23.95 -0.05 0.00	21.83 -0.06 0.00	19.44 -0.05 0.00	19.16 -0.07 0.00	22.50 -0.14 0.00	24.40 -0.21 0.00	30.76 -0.26 0.00	37.99 -0.22 0.00	37.65 -0.30 0.00	37.76 -0.38 0.00	35.11 -0.42 0.00	38.36 -0.53 0.00	33.14 -0.48 -0.02	32.96 -0.34 0.00	30.11 -0.25 0.00



TRIGEN___CC 323695	29.21 1.48 0.00	33.78 1.55 0.00	29.34 1.31 0.00	27.26 1.09 0.00	29.31 1.24 0.00	33.55 1.31 0.00	37.74 1.45 0.00	46.01 2.00 0.00	29.00 1.35 0.00	25.26 1.25 0.00	23.27 1.39 0.00	20.74 1.25 -0.01	20.52 1.27 -0.02	26.88 1.70 -2.55	26.17 1.56 0.00	32.91 1.89 0.00	40.94 2.29 -0.44	47.41 2.60 -6.86	41.03 2.52 -0.37	37.71 2.18 0.00	41.44 2.55 0.00	35.80 2.18 -0.02	38.24 2.06 -2.88	32.06 1.68 -0.01
TRINITY___115KV___4 BK 55933	27.92 0.19 0.00	32.45 0.22 0.00	28.20 0.16 0.00	26.33 0.16 0.00	28.23 0.16 0.00	32.42 0.17 0.00	36.59 0.30 0.00	44.44 0.44 0.00	27.85 0.20 0.00	24.15 0.14 0.00	21.96 0.07 0.00	19.59 0.10 0.00	19.41 0.17 0.00	22.93 0.30 0.00	25.03 0.42 0.00	31.60 0.59 0.00	38.86 0.65 0.00	38.66 0.71 0.00	38.86 0.72 0.00	36.22 0.69 0.00	39.67 0.78 0.00	34.27 0.65 0.00	33.79 0.49 0.00	30.77 0.40 0.00
UNION___PROCESSING_DRP 323587	27.37 -0.37 0.00	31.96 -0.28 0.00	27.78 -0.25 0.00	26.01 -0.16 0.00	27.81 -0.27 0.00	31.96 -0.28 0.00	35.49 -0.80 0.00	42.58 -1.43 0.00	27.06 -0.59 0.00	23.66 -0.35 0.00	21.56 -0.33 0.00	19.19 -0.30 0.00	18.80 -0.43 0.00	22.01 -0.62 0.00	23.73 -0.88 0.00	29.75 -1.27 0.00	36.97 -1.24 0.00	36.34 -1.61 0.00	36.24 -1.90 0.00	33.81 -1.72 0.00	36.71 -2.18 0.00	31.59 -1.98 0.04	31.57 -1.72 0.00	29.27 -1.10 0.00
UPPER HUDSON___HYD 24058	29.33 1.60 0.00	34.16 1.93 0.00	29.63 1.60 0.00	27.75 1.58 0.00	29.73 1.65 0.00	34.17 1.93 0.00	38.66 2.37 0.00	46.98 2.98 0.00	29.31 1.66 0.00	25.12 1.11 0.00	22.85 0.97 0.00	20.31 0.82 0.00	20.19 0.95 0.00	23.99 1.35 0.00	26.27 1.66 0.00	33.24 2.22 0.00	41.05 2.84 0.00	40.89 2.94 0.00	40.94 2.80 0.00	38.04 2.52 0.00	41.54 2.65 0.00	35.85 2.25 0.00	35.23 1.93 0.00	32.19 1.82 0.00
UPPER RAQUET___HYD 24056	26.61 -1.13 0.00	31.12 -1.11 0.00	27.03 -1.01 0.00	25.30 -0.87 0.00	26.91 -1.17 0.00	31.15 -1.10 0.00	35.39 -0.90 0.00	42.32 -1.69 0.00	26.65 -1.00 0.00	23.16 -0.84 0.00	20.86 -1.03 0.00	18.62 -0.87 0.00	18.30 -0.94 0.00	21.63 -1.01 0.00	24.27 -0.34 0.00	30.45 -0.57 0.00	37.45 -0.76 0.00	37.77 -0.18 0.00	38.82 0.67 0.00	36.71 1.18 0.00	40.22 1.33 0.00	34.67 1.06 0.00	33.85 0.55 0.00	30.56 0.19 0.00
VALLEY44_115KV_TB2 355964	28.44 0.70 0.00	33.43 1.20 0.00	29.07 1.04 0.00	27.24 1.08 0.00	29.24 1.16 0.00	33.32 0.22 0.00	36.51 0.22 0.00	43.88 -0.13 0.00	28.00 0.36 0.00	24.87 0.86 0.00	22.72 0.83 0.00	20.20 0.71 0.00	19.65 0.42 0.00	22.97 0.33 0.00	24.78 0.17 0.00	30.84 -0.17 0.00	38.28 0.07 0.00	37.23 -0.72 0.00	36.93 -1.21 0.00	34.50 -1.03 0.00	37.35 -1.54 0.00	32.28 -1.25 0.08	32.53 -0.77 0.00	30.28 -0.08 0.00
VALLEY___115KV_TB 1-4 80826	27.63 -0.10 0.00	32.13 -0.10 0.00	27.97 -0.06 0.00	26.14 -0.03 0.00	28.08 0.01 0.00	32.27 0.03 0.00	36.54 0.25 0.00	44.43 0.42 0.00	27.64 -0.01 0.00	23.82 -0.18 0.00	21.71 -0.17 0.00	19.37 -0.13 0.00	19.18 -0.05 0.00	22.78 0.15 0.00	24.91 0.30 0.00	31.62 0.61 0.00	38.99 0.78 0.00	38.80 0.85 0.00	39.00 0.86 0.00	36.25 0.72 0.00	39.71 0.82 0.00	34.25 0.64 0.00	33.81 0.52 0.00	30.71 0.34 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.05 1.32 0.00	33.74 1.51 0.00	29.38 1.34 0.00	27.41 1.24 0.00	29.47 1.39 0.00	33.85 1.61 0.00	38.15 1.86 0.00	46.33 2.32 0.00	29.12 1.47 0.00	25.28 1.28 0.00	23.06 1.17 0.00	20.48 0.99 0.00	20.21 0.98 0.00	23.73 1.10 0.00	25.77 1.16 0.00	32.48 1.46 0.00	40.09 1.88 0.00	39.82 1.87 0.00	40.02 1.88 0.00	37.20 1.67 0.00	40.67 1.78 0.00	35.13 1.50 -0.01	34.72 1.42 0.00	31.63 1.26 0.00
VISCHER___FERRY HYD 24020	28.48 0.75 0.00	33.14 0.91 0.00	28.78 0.74 0.00	26.89 0.72 0.00	28.82 0.74 0.00	33.10 0.86 0.00	37.39 1.10 0.00	45.41 1.41 0.00	28.42 0.77 0.00	24.52 0.52 0.00	22.30 0.41 0.00	19.86 0.36 0.00	19.67 0.44 0.00	23.31 0.68 0.00	25.56 0.95 0.00	32.29 1.28 0.00	39.69 1.48 0.00	39.51 1.56 0.00	39.70 1.55 0.00	36.99 1.46 0.00	40.51 1.62 0.00	35.00 1.39 0.00	34.46 1.16 0.00	31.43 1.06 0.00
V_A_10_SYNC_DSASP 323832	25.97 -0.73 1.03	19.26 -0.61 12.37	23.66 -0.57 3.80	23.65 -0.42 2.10	26.05 -0.59 1.44	28.32 -0.67 3.25	29.45 -1.49 5.35	40.56 -2.47 0.98	25.16 -1.10 1.38	22.86 -0.73 0.41	20.68 -0.64 0.57	17.78 -0.59 1.12	17.62 -0.78 0.83	20.42 -1.08 1.14	21.43 -1.45 1.72	27.72 -2.11 1.18	32.99 -2.23 2.99	28.62 -2.80 6.53	34.51 -3.20 0.43	32.28 -2.86 0.39	35.39 -3.49 0.00	30.45 -3.11 0.05	30.54 -2.76 0.00	28.57 -1.79 0.00
V_CMM_10_SYNC_DSASP 323787	26.07 -1.66 0.00	30.47 -1.76 0.00	26.47 -1.57 0.00	24.76 -1.41 0.00	26.31 -1.76 0.00	30.46 -1.78 0.00	34.60 -1.69 0.00	41.33 -2.68 0.00	26.15 -1.50 0.00	22.84 -1.16 0.00	20.57 -1.31 0.00	18.36 -1.13 0.00	18.00 -1.23 0.00	21.24 -1.39 0.00	23.86 -0.75 0.00	29.82 -1.20 0.00	36.60 -1.61 0.00	36.99 -0.96 0.00	38.12 -0.03 0.00	36.11 0.58 0.00	39.54 0.65 0.00	34.13 0.52 0.00	33.44 0.14 0.00	30.27 -0.09 0.00
V_CMP_10_SYNC_DSASP 323788	26.16 -1.57 0.00	30.85 -1.39 0.00	26.65 -1.38 0.00	24.98 -1.19 0.00	26.54 -1.53 0.00	30.61 -1.63 0.00	35.09 -1.19 0.00	42.10 -1.91 0.00	26.42 -1.22 0.00	23.09 -0.92 0.00	20.74 -1.15 0.00	18.57 -0.92 0.00	18.23 -1.01 0.00	21.70 -0.93 0.00	24.43 -0.17 0.00	30.56 -0.46 0.00	37.29 -0.91 0.00	37.73 -0.22 0.00	38.91 0.77 0.00	36.84 1.31 0.00	40.31 1.43 0.00	34.98 1.37 0.00	34.09 0.79 0.00	30.87 0.50 0.00
V_D_10_SYNC_DSASP 323841	26.27 -1.46 0.00	30.71 -1.52 0.00	26.67 -1.37 0.00	24.95 -1.22 0.00	26.51 -1.56 0.00	30.70 -1.54 0.00	34.88 -1.41 0.00	41.66 -2.35 0.00	26.34 -1.31 0.00	22.98 -1.03 0.00	20.69 -1.20 0.00	18.47 -1.02 0.00	18.12 -1.12 0.00	21.38 -1.26 0.00	24.02 -0.58 0.00	30.05 -0.97 0.00	36.90 -1.31 0.00	37.28 -0.67 0.00	38.39 0.25 0.00	36.36 0.83 0.00	39.83 0.94 0.00	34.37 0.76 0.00	33.65 0.36 0.00	30.46 0.10 0.00
V_E_10_SYNC_DSASP 323830	30.06 1.98 -0.35	38.77 2.38 -4.16	31.40 2.09 -1.28	28.96 2.08 -0.71	30.81 2.25 -0.48	36.03 2.69 -1.09	41.25 3.16 -1.80	48.40 4.06 -0.33	30.63 2.52 -0.46	26.10 1.95 -0.14	23.64 1.56 -0.19	21.26 1.39 -0.38	20.87 1.36 -0.28	24.65 1.64 -0.38	27.08 1.89 -0.58	34.10 2.69 -0.40	42.93 3.72 -1.00	43.78 3.63 -2.20	41.47 3.18 -0.14	38.12 2.46 -0.13	41.31 2.42 0.00	35.97 2.26 -0.10	35.54 2.25 0.00	32.17 1.81 0.00
V_F_30_NSYNC___DSASP 323816	28.98 1.25 0.00	33.72 1.49 0.00	29.28 1.24 0.00	27.37 1.20 0.00	29.34 1.27 0.00	33.72 1.47 0.00	38.07 1.78 0.00	46.23 2.23 0.00	28.87 1.22 0.00	24.86 0.85 0.00	22.61 0.72 0.00	20.12 0.63 0.00	19.95 0.72 0.00	23.68 1.05 0.00	25.94 1.33 0.00	32.81 1.80 0.00	40.43 2.23 0.00	40.22 2.27 0.00	40.37 2.23 0.00	37.57 2.04 0.00	41.11 2.22 0.00	35.48 1.87 0.00	34.93 1.64 0.00	31.87 1.51 0.00



V_F_30_SYNC_DSASP 323786	28.03 0.30 0.00	32.57 0.34 0.00	28.31 0.28 0.00	26.43 0.26 0.00	28.34 0.27 0.00	32.54 0.30 0.00	36.73 0.44 0.00	44.60 0.59 0.00	27.95 0.31 0.00	24.23 0.23 0.00	22.04 0.15 0.00	19.66 0.17 0.00	19.49 0.25 0.00	23.03 0.39 0.00	25.13 0.52 0.00	31.74 0.72 0.00	39.04 0.83 0.00	38.84 0.89 0.00	39.04 0.89 0.00	36.37 0.84 0.00	39.83 0.94 0.00	34.39 0.78 0.00	33.91 0.61 0.00	30.87 0.51 0.00
V_XM_10_SYNC_DSASP 323789	26.16 -1.57 0.00	30.85 -1.39 0.00	26.65 -1.38 0.00	24.98 -1.19 0.00	26.54 -1.53 0.00	30.61 -1.63 0.00	35.09 -1.19 0.00	42.10 -1.91 0.00	26.42 -1.22 0.00	23.09 -0.92 0.00	20.74 -1.15 0.00	18.57 -0.92 0.00	18.23 -1.01 0.00	21.70 -0.93 0.00	24.43 -0.17 0.00	30.56 -0.46 0.00	37.29 -0.91 0.00	37.73 -0.22 0.00	38.91 0.77 0.00	36.84 1.31 0.00	40.31 1.43 0.00	34.98 1.37 0.00	34.09 0.79 0.00	30.87 0.50 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.02 1.29 0.00	33.58 1.35 0.00	29.25 1.21 0.00	27.22 1.05 0.00	29.31 1.23 0.00	33.59 1.35 0.00	37.78 1.49 0.00	46.01 2.00 0.00	28.92 1.28 0.00	25.23 1.23 0.00	23.13 1.24 0.00	20.57 1.08 0.00	20.32 1.08 0.00	23.90 1.26 0.00	25.90 1.29 0.00	32.65 1.63 0.00	40.20 1.99 0.00	40.09 2.14 0.00	40.28 2.14 0.00	37.50 1.97 0.00	41.08 2.19 0.00	35.50 1.89 0.00	35.02 1.73 0.00	31.85 1.48 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.19 1.46 0.00	33.78 1.55 0.00	29.39 1.36 0.00	27.36 1.19 0.00	29.42 1.35 0.00	33.72 1.48 0.00	37.93 1.64 0.00	46.19 2.18 0.00	29.10 1.45 0.00	25.44 1.43 0.00	23.34 1.45 0.00	20.76 1.27 0.00	20.52 1.28 0.00	24.14 1.51 0.00	26.13 1.52 0.00	32.87 1.86 0.00	40.43 2.22 0.00	40.32 2.37 0.00	40.53 2.38 0.00	37.73 2.21 0.00	41.36 2.47 0.00	35.73 2.12 0.00	35.25 1.95 0.00	32.04 1.68 0.00
W50THST__13_KV_LOAD 356117	29.35 1.62 0.00	33.95 1.72 0.00	29.53 1.50 0.00	27.49 1.32 0.00	29.58 1.50 0.00	33.90 1.65 0.00	38.11 1.82 0.00	46.43 2.42 0.00	29.26 1.62 0.00	25.59 1.58 0.00	23.49 1.60 0.00	20.90 1.41 0.00	20.64 1.41 0.00	24.29 1.65 0.00	26.28 1.67 0.00	33.06 2.04 0.00	40.67 2.46 0.00	40.55 2.60 0.00	40.75 2.61 0.00	37.94 2.41 0.00	41.58 2.70 0.00	35.92 2.31 0.00	35.45 2.16 0.00	32.22 1.86 0.00
WADING RIVER_IC_1 23522	29.36 1.63 0.00	33.91 1.68 0.00	29.39 1.36 0.00	27.24 1.08 0.00	29.29 1.22 0.00	33.53 1.29 0.00	37.77 1.48 0.00	46.09 2.08 0.00	29.04 1.39 0.00	25.17 1.17 0.00	23.30 1.42 0.00	20.82 1.33 0.00	20.62 1.39 0.00	24.12 2.01 0.52	26.57 1.96 0.00	33.50 2.49 0.00	41.13 3.00 0.09	39.83 3.25 1.37	41.15 3.08 0.07	38.23 2.71 0.00	42.13 3.25 0.00	36.32 2.71 0.00	35.15 2.45 0.59	32.36 2.00 0.00
WADING RIVER_IC_2 23547	29.36 1.63 0.00	33.91 1.68 0.00	29.39 1.36 0.00	27.24 1.08 0.00	29.29 1.22 0.00	33.53 1.29 0.00	37.77 1.48 0.00	46.09 2.08 0.00	29.04 1.39 0.00	25.17 1.17 0.00	23.30 1.42 0.00	20.82 1.33 0.00	20.62 1.39 0.00	24.12 2.01 0.52	26.57 1.96 0.00	33.50 2.49 0.00	41.13 3.00 0.09	39.83 3.25 1.37	41.15 3.08 0.07	38.23 2.71 0.00	42.13 3.25 0.00	36.32 2.71 0.00	35.15 2.45 0.59	32.36 2.00 0.00
WADING RIVER_IC_3 23601	29.36 1.63 0.00	33.91 1.68 0.00	29.39 1.36 0.00	27.24 1.08 0.00	29.29 1.22 0.00	33.53 1.29 0.00	37.77 1.48 0.00	46.09 2.08 0.00	29.04 1.39 0.00	25.17 1.17 0.00	23.30 1.42 0.00	20.82 1.33 0.00	20.62 1.39 0.00	24.12 2.01 0.52	26.57 1.96 0.00	33.50 2.49 0.00	41.13 3.00 0.09	39.83 3.25 1.37	41.15 3.08 0.07	38.23 2.71 0.00	42.13 3.25 0.00	36.32 2.71 0.00	35.15 2.45 0.59	32.36 2.00 0.00
WALDENNY_12_KV_BK2 80841	27.84 0.10 0.00	32.62 0.39 0.00	28.34 0.31 0.00	26.57 0.40 0.00	28.34 0.27 0.00	32.56 0.32 0.00	35.80 -0.49 0.00	42.64 -1.37 0.00	27.30 -0.35 0.00	23.98 -0.02 0.00	21.86 -0.03 0.00	19.46 -0.03 0.00	18.97 -0.27 0.00	22.16 -0.48 0.00	23.76 -0.85 0.00	29.65 -1.36 0.00	36.97 -1.24 0.00	35.95 -2.00 0.00	35.55 -2.59 0.00	33.18 -2.35 0.00	35.84 -3.05 0.00	30.79 -2.75 0.07	30.93 -2.37 0.00	29.09 -1.27 0.00
WALDEN__HYDRO 24148	28.96 1.23 0.00	33.54 1.31 0.00	29.19 1.15 0.00	27.18 1.01 0.00	29.25 1.18 0.00	33.55 1.31 0.00	37.74 1.45 0.00	45.95 1.94 0.00	28.87 1.22 0.00	25.14 1.14 0.00	23.01 1.12 0.00	20.47 0.98 0.00	20.22 0.99 0.00	23.79 1.16 0.00	25.80 1.19 0.00	32.57 1.55 0.00	40.12 1.92 0.00	40.02 2.07 0.00	40.22 2.08 0.00	37.43 1.91 0.00	40.98 2.10 0.00	35.40 1.79 0.00	34.93 1.64 0.00	31.76 1.39 0.00
WARRENSBURG____ 23737	29.33 1.60 0.00	34.16 1.93 0.00	29.63 1.60 0.00	27.75 1.58 0.00	29.73 1.65 0.00	34.17 1.93 0.00	38.66 2.37 0.00	46.98 2.98 0.00	29.31 1.66 0.00	25.12 1.11 0.00	22.85 0.97 0.00	20.31 0.82 0.00	20.19 0.95 0.00	23.99 1.35 0.00	26.27 1.66 0.00	33.24 2.22 0.00	41.05 2.84 0.00	40.89 2.94 0.00	40.94 2.80 0.00	38.04 2.52 0.00	41.54 2.65 0.00	35.85 2.25 0.00	35.23 1.93 0.00	32.19 1.82 0.00
WATERSIDE____6 8 9 23538	29.21 1.48 0.00	33.81 1.58 0.00	29.41 1.38 0.00	27.37 1.20 0.00	29.44 1.36 0.00	33.74 1.50 0.00	37.93 1.64 0.00	46.22 2.21 0.00	29.14 1.49 0.00	25.47 1.46 0.00	23.37 1.48 0.00	20.78 1.29 0.00	20.53 1.29 0.00	24.16 1.52 0.00	26.13 1.52 0.00	32.87 1.85 0.00	40.42 2.21 0.00	40.33 2.38 0.00	40.54 2.40 0.00	37.75 2.22 0.00	41.38 2.49 0.00	35.78 2.17 0.00	35.29 2.00 0.00	32.07 1.70 0.00
WATKINRD_115KV_LN8_ILLION 55919	27.72 -0.01 0.00	32.22 -0.02 0.00	28.02 -0.02 0.00	26.17 0.00 0.00	28.10 0.02 0.00	32.27 0.03 0.00	36.45 0.16 0.00	44.28 0.27 0.00	27.63 -0.01 0.00	23.87 -0.13 0.00	21.75 -0.14 0.00	19.38 -0.11 0.00	19.17 -0.06 0.00	22.71 0.08 0.00	24.78 0.18 0.00	31.38 0.37 0.00	38.67 0.46 0.00	38.48 0.52 0.00	38.69 0.55 0.00	36.01 0.49 0.00	39.44 0.56 0.00	34.05 0.44 0.00	33.63 0.33 0.00	30.59 0.22 0.00
WATSON____69_KV_BK 1 55734	29.59 1.86 0.00	34.19 1.96 0.00	29.67 1.63 0.00	27.52 1.35 0.00	29.57 1.50 0.00	33.82 1.58 0.00	38.07 1.78 0.00	46.42 2.41 0.00	29.27 1.62 0.00	25.42 1.42 0.00	23.48 1.59 0.00	20.93 1.44 0.00	20.69 1.46 0.00	24.34 2.05 0.34	26.61 2.00 0.00	33.47 2.46 0.00	41.12 2.97 0.06	40.28 3.25 0.92	41.24 3.14 0.05	38.33 2.80 0.00	42.17 3.28 0.00	36.36 2.75 0.00	35.40 2.49 0.38	32.45 2.08 0.00
WDELAWARE__HYD 323627	29.24 1.51 0.00	33.87 1.64 0.00	29.49 1.45 0.00	27.46 1.29 0.00	29.54 1.47 0.00	33.91 1.66 0.00	38.16 1.87 0.00	46.42 2.41 0.00	29.15 1.50 0.00	25.32 1.32 0.00	23.13 1.24 0.00	20.56 1.08 0.00	20.31 1.08 0.00	23.91 1.28 0.00	25.95 1.34 0.00	32.81 1.80 0.00	40.52 2.31 0.00	40.40 2.46 0.00	40.62 2.48 0.00	37.80 2.27 0.00	41.37 2.48 0.00	35.70 2.09 0.00	35.23 1.94 0.00	32.02 1.65 0.00



WEST BABYLON___IC 23714	29.55 1.81 0.00	34.14 1.91 0.00	29.63 1.59 0.00	27.49 1.32 0.00	29.55 1.47 0.00	33.79 1.55 0.00	38.02 1.73 0.00	46.37 2.36 0.00	29.24 1.59 0.00	25.40 1.40 0.00	23.44 1.55 0.00	20.90 1.41 0.00	20.66 1.42 0.00	24.62 1.98 0.00	26.54 1.93 0.00	33.39 2.37 0.00	41.07 2.86 0.00	41.11 3.16 0.00	41.20 3.06 0.00	38.25 2.72 0.00	42.08 3.19 0.00	36.29 2.68 0.00	35.74 2.44 0.00	32.40 2.03 0.00
WEST CANADA___HYD 24049	27.73 0.00 0.00	32.23 0.00 0.00	28.03 0.00 0.00	26.17 0.00 0.00	28.08 0.00 0.00	32.24 0.00 0.00	36.32 0.03 0.00	44.04 0.03 0.00	27.65 0.00 0.00	24.01 0.00 0.00	21.88 0.00 0.00	19.49 0.00 0.00	19.23 0.00 0.00	22.65 0.01 0.00	24.66 0.05 0.00	31.09 0.07 0.00	38.29 0.08 0.00	38.05 0.09 0.00	38.26 0.12 0.00	35.65 0.12 0.00	39.05 0.16 0.00	33.75 0.14 0.00	33.39 0.10 0.00	30.42 0.05 0.00
WESTERN_NY_WIND 24143	27.84 0.11 0.00	32.52 0.29 0.00	28.28 0.25 0.00	26.49 0.33 0.00	28.30 0.23 0.00	32.54 0.30 0.00	35.86 -0.43 0.00	42.80 -1.21 0.00	27.39 -0.26 0.00	23.97 -0.04 0.00	21.84 -0.05 0.00	19.39 -0.10 0.00	18.92 -0.31 0.00	22.05 -0.58 0.00	23.81 -0.80 0.00	29.77 -1.24 0.00	37.21 -0.99 0.00	36.39 -1.57 0.00	36.14 -2.01 0.00	33.75 -1.78 0.00	36.52 -2.37 0.00	31.36 -2.20 0.05	31.38 -1.91 0.00	29.42 -0.95 0.00
WESTOVER___LESR 323668	28.11 0.38 0.00	32.68 0.45 0.00	28.45 0.42 0.00	26.55 0.38 0.00	28.51 0.43 0.00	32.71 0.47 0.00	36.80 0.51 0.00	44.71 0.70 0.00	28.09 0.45 0.00	24.41 0.40 0.00	22.20 0.32 0.00	19.76 0.27 0.00	19.44 0.21 0.00	22.87 0.24 0.00	24.84 0.23 0.00	31.33 0.32 0.00	38.66 0.45 0.00	38.30 0.35 0.00	38.43 0.28 0.00	35.70 0.17 0.00	38.99 0.10 0.00	33.66 0.05 0.00	33.39 0.10 0.00	30.49 0.13 0.00
WETHRSFD_WT_PWR 323626	27.00 -0.19 0.53	25.94 0.11 6.41	26.13 0.06 1.97	25.22 0.14 1.09	27.39 0.06 0.74	30.67 0.11 1.68	33.06 -0.47 2.77	42.44 -1.06 0.51	26.61 -0.32 0.72	23.68 -0.11 0.21	21.42 -0.17 0.29	18.68 -0.23 0.58	18.34 -0.47 0.43	21.45 -0.59 0.59	22.88 -0.84 0.89	29.17 -1.23 0.61	35.51 -1.15 1.55	32.63 -1.94 3.39	35.12 -2.80 0.22	32.57 -2.75 0.20	35.51 -3.38 0.00	30.44 -3.07 0.10	30.51 -2.79 0.00	28.45 -1.91 0.00
WHAVSTOR_138KV_BK127 55557	28.91 1.18 0.00	33.47 1.24 0.00	29.14 1.10 0.00	27.13 0.96 0.00	29.20 1.13 0.00	33.46 1.22 0.00	37.63 1.34 0.00	45.84 1.83 0.00	28.82 1.17 0.00	25.15 1.14 0.00	23.05 1.16 0.00	20.49 1.00 0.00	20.24 1.01 0.00	23.81 1.18 0.00	25.81 1.20 0.00	32.52 1.50 0.00	40.03 1.82 0.00	39.91 1.96 0.00	40.11 1.97 0.00	37.34 1.81 0.00	40.91 2.02 0.00	35.36 1.75 0.00	34.88 1.59 0.00	31.72 1.36 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.91 1.18 0.00	33.47 1.24 0.00	29.14 1.10 0.00	27.13 0.96 0.00	29.20 1.13 0.00	33.46 1.22 0.00	37.63 1.34 0.00	45.84 1.83 0.00	28.82 1.17 0.00	25.15 1.14 0.00	23.05 1.16 0.00	20.49 1.00 0.00	20.24 1.01 0.00	23.81 1.18 0.00	25.81 1.20 0.00	32.52 1.50 0.00	40.03 1.82 0.00	39.91 1.96 0.00	40.11 1.97 0.00	37.34 1.81 0.00	40.91 2.02 0.00	35.36 1.75 0.00	34.88 1.59 0.00	31.72 1.36 0.00
WHITEHAL_115KV_TB1 80871	29.78 2.04 0.00	34.91 2.68 0.00	30.13 2.09 0.00	28.42 2.25 0.00	30.29 2.21 0.00	34.81 2.56 0.00	39.67 3.38 0.00	48.33 4.32 0.00	30.00 2.36 0.00	25.23 1.23 0.00	23.00 1.12 0.00	20.49 1.00 0.00	20.58 1.35 0.00	24.69 2.05 0.00	27.02 2.41 0.00	34.09 3.08 0.00	42.23 4.02 0.00	42.22 4.27 0.00	41.92 3.77 0.00	38.72 3.19 0.00	42.11 3.22 0.00	36.50 2.89 0.00	35.60 2.30 0.00	32.88 2.52 0.00
WHITEPLN_13_KV_LOAD 356215	29.23 1.50 0.00	33.85 1.62 0.00	29.45 1.41 0.00	27.42 1.25 0.00	29.50 1.42 0.00	33.81 1.57 0.00	38.03 1.75 0.00	46.32 2.31 0.00	29.16 1.51 0.00	25.45 1.45 0.00	23.34 1.45 0.00	20.77 1.28 0.00	20.52 1.28 0.00	24.15 1.51 0.00	26.16 1.55 0.00	32.96 1.94 0.00	40.58 2.37 0.00	40.48 2.53 0.00	40.67 2.53 0.00	37.86 2.33 0.00	41.47 2.58 0.00	35.81 2.20 0.00	35.30 2.01 0.00	32.09 1.73 0.00
WM_FLOYD_69_KV_BK2 356380	29.37 1.63 0.00	33.92 1.69 0.00	29.41 1.38 0.00	27.28 1.11 0.00	29.32 1.24 0.00	33.54 1.30 0.00	37.78 1.50 0.00	46.09 2.08 0.00	29.04 1.39 0.00	25.17 1.16 0.00	23.28 1.39 0.00	20.78 1.29 0.00	20.57 1.34 0.00	24.06 1.93 0.51	26.49 1.89 0.00	33.40 2.38 0.00	41.02 2.89 0.08	39.76 3.15 1.34	41.07 3.00 0.07	38.15 2.63 0.00	42.05 3.16 0.00	36.25 2.64 0.00	35.09 2.37 0.58	32.31 1.95 0.00
WOODARD___115KV_TB2 355635	27.50 -0.23 0.00	31.98 -0.25 0.00	27.82 -0.22 0.00	25.98 -0.19 0.00	27.87 -0.21 0.00	32.01 -0.23 0.00	35.96 -0.33 0.00	43.57 -0.44 0.00	27.39 -0.25 0.00	23.78 -0.22 0.00	21.69 -0.20 0.00	19.31 -0.18 0.00	19.04 -0.19 0.00	22.34 -0.30 0.00	24.21 -0.40 0.00	30.50 -0.52 0.00	37.66 -0.55 0.00	37.32 -0.63 0.00	37.42 -0.72 0.00	34.82 -0.71 0.00	38.05 -0.84 0.00	32.88 -0.73 0.00	32.72 -0.57 0.00	29.90 -0.46 0.00
YORK___WARBASSE 23770	29.37 1.64 0.00	33.99 1.76 0.00	29.59 1.55 0.00	27.53 1.37 0.00	29.62 1.54 0.00	33.94 1.70 0.00	38.17 1.88 0.00	46.50 2.49 0.00	29.31 1.67 0.00	25.60 1.60 0.00	23.49 1.60 0.00	20.88 1.39 0.00	20.63 1.39 0.00	24.28 1.65 0.00	26.26 1.65 0.00	33.06 2.04 0.00	40.65 2.44 0.00	40.57 2.62 0.00	40.78 2.64 0.00	38.00 2.47 0.00	41.66 2.77 0.00	36.01 2.40 0.00	35.49 2.19 0.00	32.23 1.86 0.00