

# Day Ahead Market Generator LBMP

--- LBMP \$

### --- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

12/20/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	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	28.29	26.01	24.98	24.82	25.25	28.42	35.67	43.15	36.45	31.96	31.98	30.13	29.33	29.33	30.41	32.62	42.63	49.29	45.09	40.38	36.35	35.66	32.23	31.31
24138	1.27	1.21	1.21	1.27	1.22	1.35	2.12	3.38	2.45	2.17	2.01	1.87	1.69	1.66	1.78	1.93	2.98	3.48	2.95	2.71	1.99	1.86	1.65	1.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	28.42	26.08	25.06	24.89	25.30	28.48	35.57	43.12	36.52	31.93	31.92	30.08	29.33	29.33	30.38	32.55	42.55	49.61	45.09	40.42	36.66	35.76	32.23	31.31
24260	1.40	1.29	1.28	1.34	1.27	1.41	2.01	3.34	2.52	2.14	1.95	1.81	1.69	1.66	1.75	1.87	2.89	3.80	2.95	2.75	2.30	1.96	1.65	1.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	28.42	26.08	25.06	24.89	25.30	28.48	35.57	43.12	36.52	31.93	31.92	30.08	29.33	29.33	30.38	32.55	42.55	49.61	45.09	40.42	36.66	35.76	32.23	31.31
24261	1.40	1.29	1.28	1.34	1.27	1.41	2.01	3.34	2.52	2.14	1.95	1.81	1.69	1.66	1.75	1.87	2.89	3.80	2.95	2.75	2.30	1.96	1.65	1.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	28.45	26.11	25.06	24.84	25.44	28.64	35.90	42.92	36.38	31.40	31.53	29.63	29.03	29.05	30.18	32.58	42.63	49.75	45.51	40.49	37.04	36.03	32.32	31.28
24011	1.43	1.31	1.28	1.30	1.42	1.57	2.35	3.14	2.38	1.61	1.56	1.36	1.38	1.38	1.55	1.90	2.97	3.94	3.37	2.82	2.68	2.23	1.74	1.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	28.53	26.18	25.15	24.94	25.49	28.75	36.10	43.15	36.52	31.54	31.65	29.74	29.08	29.13	30.32	32.00	41.84	48.56	44.67	39.74	36.14	35.25	31.71	31.43
23798	1.51	1.39	1.38	1.39	1.47	1.68	2.55	3.38	2.52	1.76	1.68	1.47	1.44	1.47	1.69	1.32	2.18	2.75	2.53	2.07	1.79	1.45	1.13	1.81
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	28.45	26.11	25.06	24.84	25.44	28.64	35.90	42.92	36.38	31.40	31.53	29.63	29.03	29.05	30.18	32.58	42.63	49.75	45.51	40.49	37.04	36.03	32.32	31.28
24028	1.43	1.31	1.28	1.30	1.42	1.57	2.35	3.14	2.38	1.61	1.56	1.36	1.38	1.38	1.55	1.90	2.97	3.94	3.37	2.82	2.68	2.23	1.74	1.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	27.91	25.66	24.65	24.42	24.99	28.18	35.20	42.40	35.77	30.95	31.11	29.34	28.70	28.80	29.95	32.15	41.68	48.28	44.41	39.70	35.97	35.39	31.86	30.86
23527	0.89	0.87	0.88	0.87	0.96	1.11	1.64	2.62	1.77	1.16	1.14	1.07	1.05	1.13	1.32	1.47	2.02	2.47	2.27	2.03	1.62	1.59	1.28	1.24
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	27.13	24.94	24.03	23.83	24.31	27.26	33.92	40.69	34.55	30.00	30.15	28.49	27.95	27.97	28.89	30.99	40.29	46.91	42.86	38.27	34.98	34.21	30.79	29.80
24190	0.11	0.15	0.26	0.28	0.29	0.19	0.37	0.91	0.54	0.21	0.18	0.23	0.30	0.30	0.26	0.31	0.63	1.10	0.72	0.60	0.62	0.41	0.21	0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	26.94	24.72	23.70	23.45	23.88	26.93	33.28	39.06	33.59	29.67	29.91	28.24	27.62	27.70	28.69	30.65	39.18	44.89	41.68	37.25	33.98	33.66	30.67	29.68
355683	-0.08	-0.07	-0.07	-0.09	-0.14	-0.14	-0.27	-0.72	-0.41	-0.12	-0.06	-0.03	-0.03	0.03	0.06	-0.03	-0.48	-0.92	-0.46	-0.41	-0.38	-0.14	0.09	0.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	27.80	25.56	24.58	24.37	24.89	27.91	34.73	41.52	35.23	30.53	30.66	28.92	28.34	28.39	29.38	31.57	41.08	47.82	43.78	39.10	35.77	34.95	31.50	30.51
323833	0.78	0.77	0.81	0.82	0.86	0.84	1.17	1.75	1.22	0.74	0.69	0.65	0.69	0.72	0.74	0.89	1.43	2.02	1.64	1.43	1.41	1.15	0.92	0.89
	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
ALBANY_2_SOLAR	27.80	25.54	24.58	24.35	24.87	27.91	34.73	41.48	35.23	30.53	30.66	28.92	28.34	28.39	29.38	31.57	41.08	47.82	43.74	39.10	35.73	34.95	31.47	30.51
323834	0.78	0.74	0.81	0.80	0.84	0.84	1.17	1.71	1.22	0.74	0.69	0.65	0.69	0.72	0.74	0.89	1.43	2.02	1.60	1.43	1.37	1.15	0.89	0.89
	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
ALBANY___1	27.13	24.94	24.03	23.83	24.31	27.26	33.92	40.69	34.55	30.00	30.15	28.49	27.95	27.97	28.89	30.99	40.29	46.91	42.86	38.27	34.98	34.21	30.79	29.80
23571	0.11	0.15	0.26	0.28	0.29	0.19	0.37	0.91	0.54	0.21	0.18	0.23	0.30	0.30	0.26	0.31	0.63	1.10	0.72	0.60	0.62	0.41	0.21	0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	27.13 0.11 0.00	24.94 0.15 0.00	24.03 0.26 0.00	23.83 0.28 0.00	24.31 0.29 0.00	27.26 0.19 0.00	33.92 0.37 0.00	40.69 0.91 0.00	34.55 0.54 0.00	30.00 0.21 0.00	30.15 0.18 0.00	28.49 0.23 0.00	27.95 0.30 0.00	27.97 0.30 0.00	28.89 0.26 0.00	30.99 0.31 0.00	40.29 0.63 0.00	46.91 1.10 0.00	42.86 0.72 0.00	38.27 0.60 0.00	34.98 0.62 0.00	34.21 0.41 0.00	30.79 0.21 0.00	29.80 0.18 0.00
ALBANY___3 23573	27.13 0.11 0.00	24.94 0.15 0.00	24.03 0.26 0.00	23.83 0.28 0.00	24.31 0.29 0.00	27.26 0.19 0.00	33.92 0.37 0.00	40.69 0.91 0.00	34.55 0.54 0.00	30.00 0.21 0.00	30.15 0.18 0.00	28.49 0.23 0.00	27.95 0.30 0.00	27.97 0.30 0.00	28.89 0.26 0.00	30.99 0.31 0.00	40.29 0.63 0.00	46.91 1.10 0.00	42.86 0.72 0.00	38.27 0.60 0.00	34.98 0.62 0.00	34.21 0.41 0.00	30.79 0.21 0.00	29.80 0.18 0.00
ALBANY___4 23574	27.13 0.11 0.00	24.94 0.15 0.00	24.03 0.26 0.00	23.83 0.28 0.00	24.31 0.29 0.00	27.26 0.19 0.00	33.92 0.37 0.00	40.69 0.91 0.00	34.55 0.54 0.00	30.00 0.21 0.00	30.15 0.18 0.00	28.49 0.23 0.00	27.95 0.30 0.00	27.97 0.30 0.00	28.89 0.26 0.00	30.99 0.31 0.00	40.29 0.63 0.00	46.91 1.10 0.00	42.86 0.72 0.00	38.27 0.60 0.00	34.98 0.62 0.00	34.21 0.41 0.00	30.79 0.21 0.00	29.80 0.18 0.00
ALBANY___LFGE 323615	27.34 0.33 0.00	25.14 0.35 0.00	24.20 0.43 0.00	23.99 0.45 0.00	24.48 0.46 0.00	27.50 0.43 0.00	34.29 0.74 0.00	41.08 1.31 0.00	34.82 0.81 0.00	30.26 0.48 0.00	30.42 0.45 0.00	28.75 0.48 0.00	28.12 0.47 0.00	28.17 0.50 0.00	29.17 0.54 0.00	31.29 0.61 0.00	40.69 1.03 0.00	47.05 1.24 0.00	43.23 1.09 0.00	38.64 0.98 0.00	35.08 0.72 0.00	34.41 0.61 0.00	31.04 0.46 0.00	30.09 0.47 0.00
ALCOA_PA_115KV_PL-6C 55860	27.07 0.05 0.00	24.87 0.07 0.00	23.82 0.05 0.00	23.57 0.02 0.00	24.00 -0.02 0.00	27.07 0.00 0.00	33.35 -0.20 0.00	39.14 -0.64 0.00	33.70 -0.31 0.00	29.82 0.03 0.00	30.06 0.09 0.00	28.38 0.11 0.00	27.76 0.11 0.00	27.83 0.17 0.00	28.83 0.20 0.00	30.71 0.03 0.00	39.26 -0.40 0.00	45.03 -0.78 0.00	41.80 -0.34 0.00	37.37 -0.30 0.00	34.08 -0.27 0.00	33.77 -0.03 0.00	30.82 0.24 0.00	29.86 0.24 0.00
ALCOA_RYNLDS___DRP 24188	27.07 0.05 0.00	24.87 0.07 0.00	23.82 0.05 0.00	23.57 0.02 0.00	24.00 -0.02 0.00	27.07 0.00 0.00	33.35 -0.20 0.00	39.14 -0.64 0.00	33.70 -0.31 0.00	29.82 0.03 0.00	30.06 0.09 0.00	28.38 0.11 0.00	27.76 0.11 0.00	27.83 0.17 0.00	28.83 0.20 0.00	30.71 0.03 0.00	39.26 -0.40 0.00	45.03 -0.78 0.00	41.80 -0.34 0.00	37.37 -0.30 0.00	34.08 -0.27 0.00	33.77 -0.03 0.00	30.82 0.24 0.00	29.86 0.24 0.00
ALCOA___DSASP 323711	27.07 0.05 0.00	24.84 0.05 0.00	23.82 0.05 0.00	23.57 0.02 0.00	24.00 -0.02 0.00	27.07 0.00 0.00	33.39 -0.17 0.00	39.14 -0.64 0.00	33.77 -0.24 0.00	29.82 0.03 0.00	30.06 0.09 0.00	28.38 0.11 0.00	27.76 0.11 0.00	27.81 0.14 0.00	28.83 0.20 0.00	30.71 0.03 0.00	39.26 -0.40 0.00	45.44 -0.37 0.00	41.80 -0.34 0.00	37.36 -0.30 0.00	34.36 0.00 0.00	33.90 0.10 0.00	30.82 0.24 0.00	29.85 0.24 0.00
ALLEGHENY___COGEN 23514	27.80 0.78 0.00	25.29 0.50 0.00	24.10 0.33 0.00	23.81 0.26 0.00	24.43 0.41 0.00	27.58 0.51 0.00	34.49 0.94 0.00	40.69 0.92 0.00	35.02 1.02 0.00	30.65 0.86 0.00	30.63 0.66 0.00	28.92 0.65 0.00	28.48 0.83 0.00	28.61 0.94 0.00	29.38 0.74 0.00	31.78 1.10 0.00	42.08 2.42 0.00	48.42 2.61 0.00	44.88 2.74 0.00	39.96 2.30 0.00	36.35 1.99 0.00	35.42 1.62 0.00	32.14 1.56 0.00	30.86 1.24 0.00
ALTAMONT_115KV_TB 2 55880	27.53 0.51 0.00	25.26 0.47 0.00	24.29 0.52 0.00	24.06 0.52 0.00	24.58 0.55 0.00	27.64 0.57 0.00	34.39 0.84 0.00	41.17 1.39 0.00	34.99 0.99 0.00	30.41 0.63 0.00	30.57 0.60 0.00	28.83 0.57 0.00	28.23 0.58 0.00	28.28 0.61 0.00	29.26 0.63 0.00	31.39 0.71 0.00	40.81 1.15 0.00	47.46 1.65 0.00	43.40 1.26 0.00	38.76 1.09 0.00	35.39 1.03 0.00	34.64 0.84 0.00	31.22 0.64 0.00	30.24 0.62 0.00
ALTONA_WT_PWR 323606	26.94 -0.08 0.00	24.67 -0.12 0.00	23.63 -0.14 0.00	23.33 -0.21 0.00	23.78 -0.24 0.00	26.85 -0.22 0.00	33.25 -0.30 0.00	38.98 -0.80 0.00	33.63 -0.37 0.00	29.58 -0.21 0.00	30.21 0.24 0.00	28.52 0.25 0.00	27.98 0.33 0.00	28.08 0.42 0.00	29.17 0.54 0.00	31.29 0.61 0.00	40.13 0.48 0.00	46.50 0.69 0.00	42.77 0.63 0.00	38.19 0.53 0.00	35.11 0.75 0.00	34.61 0.81 0.00	31.37 0.79 0.00	30.36 0.74 0.00
AMERICAN_REF_FUEL 24010	25.32 -1.70 0.00	23.21 -1.59 0.00	22.11 -1.66 0.00	21.83 -1.72 0.00	22.29 -1.73 0.00	25.07 -2.00 0.00	30.94 -2.62 0.00	36.15 -3.62 0.00	31.62 -2.38 0.00	28.09 -1.70 0.00	28.29 -1.68 0.00	26.63 -1.64 0.00	26.38 -1.27 0.00	26.40 -1.27 0.00	26.92 -1.72 0.00	28.84 -1.84 0.00	37.83 -1.82 0.00	42.88 -2.93 0.00	39.82 -2.32 0.00	35.44 -2.22 0.00	32.40 -1.96 0.00	31.64 -2.16 0.00	28.99 -1.59 0.00	28.11 -1.51 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	26.45 -0.57 0.00	24.05 -0.74 0.00	22.87 -0.90 0.00	22.63 -0.92 0.00	23.16 -0.86 0.00	26.07 -1.00 0.00	32.58 -0.97 0.00	38.22 -1.55 0.00	33.36 -0.65 0.00	29.64 -0.15 0.00	29.94 -0.03 0.00	28.27 0.00 0.00	27.95 0.30 0.00	28.03 0.36 0.00	28.60 -0.03 0.00	30.71 0.03 0.00	40.33 0.67 0.00	45.90 0.09 0.00	42.60 0.46 0.00	37.89 0.23 0.00	34.57 0.21 0.00	33.77 -0.03 0.00	30.98 0.40 0.00	29.98 0.36 0.00
ARTHUR KILL_GT_1 23520	28.51 1.49 -0.01	26.26 1.46 -0.01	25.25 1.47 -0.01	25.08 1.53 -0.01	25.47 1.44 -0.01	28.58 1.51 0.00	35.60 2.05 0.00	42.72 2.94 0.00	35.94 1.94 0.00	31.54 1.76 0.00	31.41 1.44 0.00	29.57 1.30 0.00	28.78 1.13 0.00	28.78 1.11 0.00	29.86 1.23 0.00	32.09 1.41 0.00	42.20 2.54 0.00	49.01 3.21 0.00	44.85 2.70 -0.01	40.19 2.52 0.00	35.97 1.62 0.00	35.46 1.66 0.00	32.35 1.77 0.00	31.55 1.92 -0.01
ARTHUR_KILL_2 23512	28.46 1.43 -0.01	26.19 1.39 -0.01	25.18 1.40 -0.01	25.02 1.46 -0.01	25.40 1.37 -0.01	28.53 1.46 0.00	35.50 1.95 0.00	42.64 2.87 0.00	35.84 1.83 0.00	31.45 1.67 0.00	31.35 1.38 0.00	29.51 1.24 0.00	28.70 1.05 0.00	28.69 1.02 0.00	29.78 1.15 0.00	32.00 1.32 0.00	42.08 2.42 0.00	48.83 3.02 0.00	44.72 2.57 -0.01	40.04 2.37 0.00	35.87 1.51 0.00	35.36 1.56 0.00	32.26 1.68 0.00	31.46 1.84 -0.01
ARTHUR_KILL_3 23513	27.96 0.95 0.00	25.71 0.92 0.00	24.70 0.93 0.00	24.56 1.01 0.00	24.96 0.94 0.00	28.10 1.03 0.00	35.23 1.68 0.00	42.64 2.87 0.00	35.97 1.97 0.00	31.57 1.79 0.00	31.59 1.62 0.00	29.77 1.50 0.00	28.97 1.33 0.00	28.97 1.30 0.00	30.06 1.43 0.00	32.22 1.53 0.00	42.08 2.42 0.00	48.60 2.79 0.00	44.50 2.36 0.00	39.89 2.22 0.00	35.94 1.58 0.00	35.25 1.45 0.00	31.86 1.28 0.00	30.95 1.33 0.00



ARTHUR_KILL_COGEN 323718	28.51 1.49 -0.01	26.26 1.46 -0.01	25.25 1.47 -0.01	25.08 1.53 -0.01	25.47 1.44 -0.01	28.58 1.51 0.00	35.60 2.05 0.00	42.72 2.94 0.00	35.94 1.94 0.00	31.54 1.76 0.00	31.41 1.44 0.00	29.57 1.30 0.00	28.78 1.13 0.00	28.78 1.11 0.00	29.86 1.23 0.00	32.09 1.41 0.00	42.20 2.54 0.00	49.01 3.21 0.00	44.85 2.70 -0.01	40.19 2.52 0.00	35.97 1.62 0.00	35.46 1.66 0.00	32.35 1.77 0.00	31.55 1.92 -0.01
ASHOKAN____ 23654	28.15 1.13 0.00	25.86 1.07 0.00	24.84 1.07 0.00	24.65 1.11 0.00	25.20 1.18 0.00	28.31 1.25 0.00	35.30 1.74 0.00	42.00 2.23 0.00	35.43 1.43 0.00	30.53 0.75 0.00	30.48 0.51 0.00	28.66 0.40 0.00	27.98 0.33 0.00	28.06 0.39 0.00	29.17 0.54 0.00	31.42 0.74 0.00	41.28 1.63 0.00	48.05 2.24 0.00	44.25 2.11 0.00	39.51 1.85 0.00	35.70 1.34 0.00	34.98 1.18 0.00	31.59 1.01 0.00	30.68 1.06 0.00
ASTORIA_EAST_ENERGY_CC1 323581	28.18 1.16 0.00	26.01 1.21 0.00	25.15 1.38 0.00	24.99 1.44 -0.01	25.20 1.18 0.00	28.12 1.05 0.00	35.20 1.64 0.00	42.59 2.82 0.01	36.00 2.01 0.01	31.63 1.85 0.01	31.61 1.65 0.01	29.79 1.53 0.01	28.99 1.35 0.01	29.02 1.36 0.01	30.08 1.46 0.01	32.27 1.59 0.01	42.15 2.50 0.01	48.73 2.93 0.01	44.57 2.44 0.01	39.96 2.30 0.01	35.97 1.62 0.01	35.24 1.45 0.01	31.96 1.38 0.00	31.19 1.57 0.00
ASTORIA_EAST_ENERGY_CC2 323582	28.18 1.16 0.00	26.01 1.21 0.00	25.15 1.38 0.00	24.99 1.44 -0.01	25.20 1.18 0.00	28.12 1.05 0.00	35.20 1.64 0.00	42.59 2.82 0.01	36.00 2.01 0.01	31.63 1.85 0.01	31.61 1.65 0.01	29.79 1.53 0.01	28.99 1.35 0.01	29.02 1.36 0.01	30.08 1.46 0.01	32.27 1.59 0.01	42.15 2.50 0.01	48.73 2.93 0.01	44.57 2.44 0.01	39.96 2.30 0.01	35.97 1.62 0.01	35.24 1.45 0.01	31.96 1.38 0.00	31.19 1.57 0.00
ASTORIA_GT2_1 24094	28.56 1.54 0.00	26.13 1.34 0.00	25.27 1.50 0.00	25.09 1.53 -0.01	25.47 1.44 0.00	28.39 1.33 0.00	35.23 1.68 0.00	42.68 2.90 0.00	36.21 2.21 0.00	31.72 1.94 0.00	31.68 1.71 0.00	29.88 1.61 0.00	29.11 1.47 0.00	29.11 1.44 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.19 2.54 0.00	49.24 3.44 0.00	44.71 2.57 0.00	40.08 2.41 0.00	36.35 1.99 0.00	35.46 1.66 0.00	32.05 1.47 0.00	31.25 1.63 0.00
ASTORIA_GT2_2 24095	28.56 1.54 0.00	26.13 1.34 0.00	25.27 1.50 0.00	25.09 1.53 -0.01	25.47 1.44 0.00	28.39 1.33 0.00	35.23 1.68 0.00	42.68 2.90 0.00	36.21 2.21 0.00	31.72 1.94 0.00	31.68 1.71 0.00	29.88 1.61 0.00	29.11 1.47 0.00	29.11 1.44 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.19 2.54 0.00	49.24 3.44 0.00	44.71 2.57 0.00	40.08 2.41 0.00	36.35 1.99 0.00	35.46 1.66 0.00	32.05 1.47 0.00	31.25 1.63 0.00
ASTORIA_GT2_3 24096	28.56 1.54 0.00	26.13 1.34 0.00	25.27 1.50 0.00	25.09 1.53 -0.01	25.47 1.44 0.00	28.39 1.33 0.00	35.23 1.68 0.00	42.68 2.90 0.00	36.21 2.21 0.00	31.72 1.94 0.00	31.68 1.71 0.00	29.88 1.61 0.00	29.11 1.47 0.00	29.11 1.44 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.19 2.54 0.00	49.24 3.44 0.00	44.71 2.57 0.00	40.08 2.41 0.00	36.35 1.99 0.00	35.46 1.66 0.00	32.05 1.47 0.00	31.25 1.63 0.00
ASTORIA_GT2_4 24097	28.56 1.54 0.00	26.13 1.34 0.00	25.27 1.50 0.00	25.09 1.53 -0.01	25.47 1.44 0.00	28.39 1.33 0.00	35.23 1.68 0.00	42.68 2.90 0.00	36.21 2.21 0.00	31.72 1.94 0.00	31.68 1.71 0.00	29.88 1.61 0.00	29.11 1.47 0.00	29.11 1.44 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.19 2.54 0.00	49.24 3.44 0.00	44.71 2.57 0.00	40.08 2.41 0.00	36.35 1.99 0.00	35.46 1.66 0.00	32.05 1.47 0.00	31.25 1.63 0.00
ASTORIA_GT3_1 24098	28.56 1.54 0.00	26.13 1.34 0.00	25.27 1.50 0.00	25.09 1.53 -0.01	25.47 1.44 0.00	28.39 1.33 0.00	35.23 1.68 0.00	42.68 2.90 0.00	36.21 2.21 0.00	31.72 1.94 0.00	31.68 1.71 0.00	29.88 1.61 0.00	29.11 1.47 0.00	29.11 1.44 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.19 2.54 0.00	49.24 3.44 0.00	44.71 2.57 0.00	40.08 2.41 0.00	36.35 1.99 0.00	35.46 1.66 0.00	32.05 1.47 0.00	31.25 1.63 0.00
ASTORIA_GT3_2 24099	28.56 1.54 0.00	26.13 1.34 0.00	25.27 1.50 0.00	25.09 1.53 -0.01	25.47 1.44 0.00	28.39 1.33 0.00	35.23 1.68 0.00	42.68 2.90 0.00	36.21 2.21 0.00	31.72 1.94 0.00	31.68 1.71 0.00	29.88 1.61 0.00	29.11 1.47 0.00	29.11 1.44 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.19 2.54 0.00	49.24 3.44 0.00	44.71 2.57 0.00	40.08 2.41 0.00	36.35 1.99 0.00	35.46 1.66 0.00	32.05 1.47 0.00	31.25 1.63 0.00
ASTORIA_GT3_3 24100	28.56 1.54 0.00	26.13 1.34 0.00	25.27 1.50 0.00	25.09 1.53 -0.01	25.47 1.44 0.00	28.39 1.33 0.00	35.23 1.68 0.00	42.68 2.90 0.00	36.21 2.21 0.00	31.72 1.94 0.00	31.68 1.71 0.00	29.88 1.61 0.00	29.11 1.47 0.00	29.11 1.44 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.19 2.54 0.00	49.24 3.44 0.00	44.71 2.57 0.00	40.08 2.41 0.00	36.35 1.99 0.00	35.46 1.66 0.00	32.05 1.47 0.00	31.25 1.63 0.00
ASTORIA_GT3_4 24101	28.56 1.54 0.00	26.13 1.34 0.00	25.27 1.50 0.00	25.09 1.53 -0.01	25.47 1.44 0.00	28.39 1.33 0.00	35.23 1.68 0.00	42.68 2.90 0.00	36.21 2.21 0.00	31.72 1.94 0.00	31.68 1.71 0.00	29.88 1.61 0.00	29.11 1.47 0.00	29.11 1.44 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.19 2.54 0.00	49.24 3.44 0.00	44.71 2.57 0.00	40.08 2.41 0.00	36.35 1.99 0.00	35.46 1.66 0.00	32.05 1.47 0.00	31.25 1.63 0.00
ASTORIA_GT4_1 24102	28.56 1.54 0.00	26.13 1.34 0.00	25.27 1.50 0.00	25.09 1.53 -0.01	25.47 1.44 0.00	28.39 1.33 0.00	35.23 1.68 0.00	42.68 2.90 0.00	36.21 2.21 0.00	31.72 1.94 0.00	31.68 1.71 0.00	29.88 1.61 0.00	29.11 1.47 0.00	29.11 1.44 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.19 2.54 0.00	49.24 3.44 0.00	44.71 2.57 0.00	40.08 2.41 0.00	36.35 1.99 0.00	35.46 1.66 0.00	32.05 1.47 0.00	31.25 1.63 0.00
ASTORIA_GT4_2 24103	28.56 1.54 0.00	26.13 1.34 0.00	25.27 1.50 0.00	25.09 1.53 -0.01	25.47 1.44 0.00	28.39 1.33 0.00	35.23 1.68 0.00	42.68 2.90 0.00	36.21 2.21 0.00	31.72 1.94 0.00	31.68 1.71 0.00	29.88 1.61 0.00	29.11 1.47 0.00	29.11 1.44 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.19 2.54 0.00	49.24 3.44 0.00	44.71 2.57 0.00	40.08 2.41 0.00	36.35 1.99 0.00	35.46 1.66 0.00	32.05 1.47 0.00	31.25 1.63 0.00
ASTORIA_GT4_3 24104	28.56 1.54 0.00	26.13 1.34 0.00	25.27 1.50 0.00	25.09 1.53 -0.01	25.47 1.44 0.00	28.39 1.33 0.00	35.23 1.68 0.00	42.68 2.90 0.00	36.21 2.21 0.00	31.72 1.94 0.00	31.68 1.71 0.00	29.88 1.61 0.00	29.11 1.47 0.00	29.11 1.44 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.19 2.54 0.00	49.24 3.44 0.00	44.71 2.57 0.00	40.08 2.41 0.00	36.35 1.99 0.00	35.46 1.66 0.00	32.05 1.47 0.00	31.25 1.63 0.00



ASTORIA_GT4_4 24105	28.56 1.54 0.00	26.13 1.34 0.00	25.27 1.50 0.00	25.09 1.53 -0.01	25.47 1.44 0.00	28.39 1.33 0.00	35.23 1.68 0.00	42.68 2.90 0.00	36.21 2.21 0.00	31.72 1.94 0.00	31.68 1.71 0.00	29.88 1.61 0.00	29.11 1.47 0.00	29.11 1.44 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.19 2.54 0.00	49.24 3.44 0.00	44.71 2.57 0.00	40.08 2.41 0.00	36.35 1.99 0.00	35.46 1.66 0.00	32.05 1.47 0.00	31.25 1.63 0.00
ASTORIA_GT_1 23523	28.24 1.22 0.00	26.06 1.26 0.00	25.20 1.43 0.00	25.04 1.48 -0.01	25.25 1.22 0.00	28.18 1.11 0.00	35.26 1.71 0.00	42.67 2.90 0.01	36.07 2.07 0.01	31.69 1.91 0.01	31.67 1.71 0.01	29.87 1.61 0.01	29.05 1.41 0.01	29.07 1.41 0.01	30.14 1.52 0.01	32.33 1.66 0.01	42.22 2.58 0.01	48.87 3.07 0.01	44.70 2.57 0.01	40.07 2.41 0.01	36.03 1.68 0.01	35.35 1.56 0.01	32.05 1.47 0.00	31.25 1.63 0.00
ASTORIA_GT_10 24110	28.42 1.40 0.00	26.08 1.29 0.00	25.10 1.33 0.00	24.94 1.39 -0.01	25.32 1.30 0.00	28.42 1.35 0.00	35.33 1.78 0.00	42.80 3.02 0.00	36.28 2.28 0.00	31.75 1.97 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.14 1.49 0.00	29.14 1.47 0.00	30.18 1.55 0.00	32.37 1.69 0.00	42.27 2.62 0.00	49.34 3.53 0.00	44.75 2.61 0.00	40.11 2.45 0.00	36.39 2.03 0.00	35.52 1.72 0.00	32.14 1.56 0.00	31.28 1.66 0.00
ASTORIA_GT_11 24225	28.42 1.40 0.00	26.08 1.29 0.00	25.10 1.33 0.00	24.94 1.39 -0.01	25.32 1.30 0.00	28.42 1.35 0.00	35.33 1.78 0.00	42.80 3.02 0.00	36.28 2.28 0.00	31.75 1.97 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.14 1.49 0.00	29.14 1.47 0.00	30.18 1.55 0.00	32.37 1.69 0.00	42.27 2.62 0.00	49.34 3.53 0.00	44.75 2.61 0.00	40.11 2.45 0.00	36.39 2.03 0.00	35.52 1.72 0.00	32.14 1.56 0.00	31.28 1.66 0.00
ASTORIA_GT_12 24226	28.42 1.40 0.00	26.08 1.29 0.00	25.10 1.33 0.00	24.94 1.39 -0.01	25.32 1.30 0.00	28.42 1.35 0.00	35.33 1.78 0.00	42.80 3.02 0.00	36.28 2.28 0.00	31.75 1.97 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.14 1.49 0.00	29.14 1.47 0.00	30.18 1.55 0.00	32.37 1.69 0.00	42.27 2.62 0.00	49.34 3.53 0.00	44.75 2.61 0.00	40.11 2.45 0.00	36.39 2.03 0.00	35.52 1.72 0.00	32.14 1.56 0.00	31.28 1.66 0.00
ASTORIA_GT_13 24227	28.42 1.40 0.00	26.08 1.29 0.00	25.10 1.33 0.00	24.94 1.39 -0.01	25.32 1.30 0.00	28.42 1.35 0.00	35.33 1.78 0.00	42.80 3.02 0.00	36.28 2.28 0.00	31.75 1.97 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.14 1.49 0.00	29.14 1.47 0.00	30.18 1.55 0.00	32.37 1.69 0.00	42.27 2.62 0.00	49.34 3.53 0.00	44.75 2.61 0.00	40.11 2.45 0.00	36.39 2.03 0.00	35.52 1.72 0.00	32.14 1.56 0.00	31.28 1.66 0.00
ASTORIA_GT_5 24106	28.59 1.57 0.00	26.16 1.36 0.00	25.29 1.52 0.00	25.11 1.55 -0.01	25.49 1.47 0.00	28.45 1.38 0.00	35.26 1.71 0.00	42.76 2.98 0.00	36.28 2.28 0.00	31.75 1.97 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.40 1.72 0.00	42.27 2.62 0.00	49.34 3.53 0.00	44.79 2.65 0.00	40.15 2.49 0.00	36.42 2.06 0.00	35.49 1.69 0.00	32.08 1.50 0.00	31.31 1.69 0.00
ASTORIA_GT_7 24107	28.59 1.57 0.00	26.16 1.36 0.00	25.29 1.52 0.00	25.11 1.55 -0.01	25.49 1.47 0.00	28.45 1.38 0.00	35.26 1.71 0.00	42.76 2.98 0.00	36.28 2.28 0.00	31.75 1.97 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.40 1.72 0.00	42.27 2.62 0.00	49.34 3.53 0.00	44.79 2.65 0.00	40.15 2.49 0.00	36.42 2.06 0.00	35.49 1.69 0.00	32.08 1.50 0.00	31.31 1.69 0.00
ASTORIA_GT_8 24108	28.59 1.57 0.00	26.16 1.36 0.00	25.29 1.52 0.00	25.11 1.55 -0.01	25.49 1.47 0.00	28.45 1.38 0.00	35.26 1.71 0.00	42.76 2.98 0.00	36.28 2.28 0.00	31.75 1.97 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.40 1.72 0.00	42.27 2.62 0.00	49.34 3.53 0.00	44.79 2.65 0.00	40.15 2.49 0.00	36.42 2.06 0.00	35.49 1.69 0.00	32.08 1.50 0.00	31.31 1.69 0.00
ASTORIA___2 24149	28.18 1.16 0.00	26.03 1.24 0.00	25.15 1.38 0.00	24.99 1.44 -0.01	25.20 1.18 0.00	28.15 1.08 0.00	35.23 1.68 0.00	42.59 2.82 0.01	36.00 2.01 0.01	31.63 1.85 0.01	31.61 1.65 0.01	29.81 1.55 0.01	29.02 1.38 0.01	29.02 1.36 0.01	30.11 1.49 0.01	32.27 1.59 0.01	42.15 2.50 0.01	48.78 2.98 0.01	44.62 2.49 0.01	39.99 2.34 0.01	36.00 1.65 0.01	35.28 1.49 0.01	31.99 1.41 0.00	31.19 1.57 0.00
ASTORIA___3 23516	28.24 1.22 0.00	25.98 1.19 0.00	25.01 1.24 0.00	24.85 1.29 -0.01	25.20 1.18 0.00	28.29 1.22 0.00	35.33 1.78 0.00	42.72 2.94 0.00	36.08 2.07 0.00	31.67 1.88 0.00	31.68 1.71 0.00	29.85 1.58 0.00	29.06 1.41 0.00	29.05 1.38 0.00	30.15 1.52 0.00	32.31 1.63 0.00	42.23 2.58 0.00	48.83 3.02 0.00	44.67 2.53 0.00	40.04 2.37 0.00	36.01 1.65 0.00	35.36 1.56 0.00	32.08 1.50 0.00	31.22 1.60 0.00
ASTORIA___4 23517	28.42 1.40 0.00	26.08 1.29 0.00	25.10 1.33 0.00	24.94 1.39 -0.01	25.32 1.30 0.00	28.42 1.35 0.00	35.33 1.78 0.00	42.80 3.02 0.00	36.28 2.28 0.00	31.75 1.97 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.14 1.49 0.00	29.14 1.47 0.00	30.18 1.55 0.00	32.37 1.69 0.00	42.27 2.62 0.00	49.34 3.53 0.00	44.75 2.61 0.00	40.11 2.45 0.00	36.39 2.03 0.00	35.52 1.72 0.00	32.14 1.56 0.00	31.28 1.66 0.00
ASTORIA___5 23518	28.24 1.22 0.00	25.98 1.19 0.00	25.01 1.24 0.00	24.85 1.29 -0.01	25.20 1.18 0.00	28.29 1.22 0.00	35.33 1.78 0.00	42.72 2.94 0.00	36.08 2.07 0.00	31.67 1.88 0.00	31.68 1.71 0.00	29.85 1.58 0.00	29.06 1.41 0.00	29.05 1.38 0.00	30.15 1.52 0.00	32.31 1.63 0.00	42.23 2.58 0.00	48.83 3.02 0.00	44.67 2.53 0.00	40.04 2.37 0.00	36.01 1.65 0.00	35.36 1.56 0.00	32.08 1.50 0.00	31.22 1.60 0.00
AST_ENERGY_2_CC3 323677	28.04 1.03 0.00	25.79 0.99 0.00	24.77 1.00 0.00	24.61 1.06 0.00	25.03 1.01 0.00	28.18 1.11 0.00	35.33 1.78 0.00	42.72 2.94 0.00	36.04 2.04 0.00	31.61 1.82 0.00	31.62 1.65 0.00	29.79 1.53 0.00	29.00 1.35 0.00	29.00 1.33 0.00	30.09 1.46 0.00	32.28 1.59 0.00	42.16 2.50 0.00	48.70 2.89 0.00	44.58 2.44 0.00	40.00 2.34 0.00	36.01 1.65 0.00	35.32 1.52 0.00	31.96 1.38 0.00	31.01 1.39 0.00
AST_ENERGY_2_CC4 323678	28.04 1.03 0.00	25.79 0.99 0.00	24.77 1.00 0.00	24.61 1.06 0.00	25.03 1.01 0.00	28.18 1.11 0.00	35.33 1.78 0.00	42.72 2.94 0.00	36.04 2.04 0.00	31.61 1.82 0.00	31.62 1.65 0.00	29.79 1.53 0.00	29.00 1.35 0.00	29.00 1.33 0.00	30.09 1.46 0.00	32.28 1.59 0.00	42.16 2.50 0.00	48.70 2.89 0.00	44.58 2.44 0.00	40.00 2.34 0.00	36.01 1.65 0.00	35.32 1.52 0.00	31.96 1.38 0.00	31.01 1.39 0.00



ATHENS_STG_1 23668	27.64	25.39	24.39	24.18	24.67	27.77	34.63	41.52	35.19	30.71	30.84	29.09	28.39	28.42	29.46	31.60	41.08	47.50	43.61	39.02	35.36	34.71	31.37	30.42
	0.62	0.59	0.62	0.64	0.65	0.70	1.07	1.75	1.19	0.92	0.87	0.82	0.75	0.75	0.83	0.92	1.43	1.70	1.47	1.35	1.00	0.91	0.79	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_2 23670	27.64	25.39	24.39	24.18	24.67	27.77	34.63	41.52	35.19	30.71	30.84	29.09	28.39	28.42	29.46	31.60	41.08	47.50	43.61	39.02	35.36	34.71	31.37	30.42
	0.62	0.59	0.62	0.64	0.65	0.70	1.07	1.75	1.19	0.92	0.87	0.82	0.75	0.75	0.83	0.92	1.43	1.70	1.47	1.35	1.00	0.91	0.79	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ATHENS_STG_3 23677	27.64	25.39	24.39	24.18	24.67	27.77	34.63	41.52	35.19	30.71	30.84	29.09	28.39	28.42	29.46	31.60	41.08	47.50	43.61	39.02	35.36	34.71	31.37	30.42
	0.62	0.59	0.62	0.64	0.65	0.70	1.07	1.75	1.19	0.92	0.87	0.82	0.75	0.75	0.83	0.92	1.43	1.70	1.47	1.35	1.00	0.91	0.79	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AUBURN___LFGE 323710	27.07	24.77	23.70	23.48	24.02	27.12	33.69	39.93	34.14	29.82	29.94	28.24	27.59	27.61	28.55	30.65	39.93	46.31	42.52	37.93	34.63	33.87	30.55	29.56
	0.05	-0.02	-0.07	-0.07	0.00	0.05	0.13	0.16	0.14	0.03	-0.03	-0.03	-0.06	-0.06	-0.09	-0.03	0.28	0.50	0.38	0.26	0.27	0.07	-0.03	-0.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BABYLON_RES_REC 323704	36.25	31.20	25.39	25.22	25.71	28.93	37.83	43.75	39.18	32.26	35.67	32.68	29.53	29.63	30.87	35.56	45.60	60.02	53.22	50.24	44.41	39.89	36.07	33.77
	1.92	1.81	1.62	1.67	1.68	1.87	2.85	3.98	3.09	2.47	2.58	2.40	1.88	1.96	2.23	2.55	3.45	3.80	3.33	3.12	2.51	2.64	2.35	2.34
	-7.31	-4.60	0.00	0.00	0.00	0.00	-1.42	0.00	-2.09	0.00	-3.12	-2.01	0.00	0.00	0.00	-2.33	-2.50	-10.41	-7.76	-9.45	-7.54	-3.45	-3.14	-1.81
BABYLON__69_KV_BK2 356345	36.74	31.65	25.72	25.52	26.04	29.34	38.33	44.55	39.83	32.65	36.09	33.08	29.91	30.02	31.27	35.99	46.56	61.85	54.53	51.30	45.54	40.60	36.53	34.21
	2.40	2.26	1.95	1.98	2.02	2.27	3.36	4.77	3.74	2.86	3.00	2.80	2.27	2.35	2.63	2.98	4.40	5.63	4.64	4.18	3.64	3.35	2.81	2.78
	-7.32	-4.60	0.00	0.00	0.00	0.00	-1.42	0.00	-2.09	0.00	-3.12	-2.01	0.00	0.00	0.00	-2.33	-2.50	-10.41	-7.76	-9.45	-7.54	-3.45	-3.14	-1.81
BALL_HILL_WT_PWR 323825	26.48	24.15	22.99	22.70	23.25	26.15	32.55	38.10	33.19	29.40	29.61	27.90	27.56	27.61	28.17	30.19	39.62	45.07	41.80	37.18	33.91	33.16	30.40	29.44
	-0.54	-0.64	-0.78	-0.85	-0.77	-0.92	-1.01	-1.67	-0.82	-0.39	-0.36	-0.37	-0.08	-0.06	-0.46	-0.49	-0.04	-0.73	-0.34	-0.49	-0.45	-0.64	-0.18	-0.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARON_WINDS___WT_PWR 323822	26.94	24.59	23.46	23.19	23.74	26.74	33.28	39.18	33.77	29.76	29.94	28.21	27.76	27.84	28.55	30.65	40.21	46.04	42.60	37.93	34.53	33.77	30.82	29.83
	-0.08	-0.20	-0.31	-0.35	-0.29	-0.32	-0.27	-0.60	-0.24	-0.03	-0.03	-0.06	0.11	0.17	-0.09	-0.03	0.55	0.23	0.46	0.27	0.17	-0.03	0.24	0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BARRETT_IC_1 23704	35.87	30.85	25.13	24.96	25.42	28.61	37.36	43.27	38.71	31.96	35.22	32.26	29.28	29.36	30.49	35.10	45.29	59.93	53.14	50.10	44.21	39.42	35.64	33.35
	1.54	1.46	1.35	1.41	1.39	1.54	2.38	3.50	2.62	2.17	2.13	1.98	1.63	1.69	1.86	2.09	3.13	3.71	3.24	2.97	2.30	2.17	1.93	1.92
	-7.31	-4.60	0.00	0.00	0.00	0.00	-1.42	0.00	-2.09	0.00	-3.12	-2.01	0.00	0.00	0.00	-2.33	-2.50	-10.41	-7.76	-9.46	-7.55	-3.45	-3.14	-1.81
BARRETT_IC_10 23701	35.87	30.85	25.13	24.96	25.42	28.61	37.36	43.27	38.71	31.96	35.22	32.26	29.28	29.36	30.49	35.10	45.29	59.93	53.14	50.10	44.21	39.42	35.64	33.35
	1.54	1.46	1.35	1.41	1.39	1.54	2.38	3.50	2.62	2.17	2.13	1.98	1.63	1.69	1.86	2.09	3.13	3.71	3.24	2.97	2.30	2.17	1.93	1.92
	-7.31	-4.60	0.00	0.00	0.00	0.00	-1.42	0.00	-2.09	0.00	-3.12	-2.01	0.00	0.00	0.00	-2.33	-2.50	-10.41	-7.76	-9.46	-7.55	-3.45	-3.14	-1.81
BARRETT_IC_11 23702	35.87	30.85	25.13	24.96	25.42	28.61	37.36	43.27	38.71	31.96	35.22	32.26	29.28	29.36	30.49	35.10	45.29	59.93	53.14	50.10	44.21	39.42	35.64	33.35
	1.54	1.46	1.35	1.41	1.39	1.54	2.38	3.50	2.62	2.17	2.13	1.98	1.63	1.69	1.86	2.09	3.13	3.71	3.24	2.97	2.30	2.17	1.93	1.92
	-7.31	-4.60	0.00	0.00	0.00	0.00	-1.42	0.00	-2.09	0.00	-3.12	-2.01	0.00	0.00	0.00	-2.33	-2.50	-10.41	-7.76	-9.46	-7.55	-3.45	-3.14	-1.81
BARRETT_IC_12 23703	35.87	30.85	25.13	24.96	25.42	28.61	37.36	43.27	38.71	31.96	35.22	32.26	29.28	29.36	30.49	35.10	45.29	59.93	53.14	50.10	44.21	39.42	35.64	33.35
	1.54	1.46	1.35	1.41	1.39	1.54	2.38	3.50	2.62	2.17	2.13	1.98	1.63	1.69	1.86	2.09	3.13	3.71	3.24	2.97	2.30	2.17	1.93	1.92
	-7.31	-4.60	0.00	0.00	0.00	0.00	-1.42	0.00	-2.09	0.00	-3.12	-2.01	0.00	0.00	0.00	-2.33	-2.50	-10.41	-7.76	-9.46	-7.55	-3.45	-3.14	-1.81
BARRETT_IC_2 23705	35.87	30.85	25.13	24.96	25.42	28.61	37.36	43.27	38.71	31.96	35.22	32.26	29.28	29.36	30.49	35.10	45.29	59.93	53.14	50.10	44.21	39.42	35.64	33.35
	1.54	1.46	1.35	1.41	1.39	1.54	2.38	3.50	2.62	2.17	2.13	1.98	1.63	1.69	1.86	2.09	3.13	3.71	3.24	2.97	2.30	2.17	1.93	1.92
	-7.31	-4.60	0.00	0.00	0.00	0.00	-1.42	0.00	-2.09	0.00	-3.12	-2.01	0.00	0.00	0.00	-2.33	-2.50	-10.41	-7.76	-9.46	-7.55	-3.45	-3.14	-1.81
BARRETT_IC_3 23706	35.87	30.85	25.13	24.96	25.42	28.61	37.36	43.27	38.71	31.96	35.22	32.26	29.28	29.36	30.49	35.10	45.29	59.93	53.14	50.10	44.21	39.42	35.64	33.35
	1.54	1.46	1.35	1.41	1.39	1.54	2.38	3.50	2.62	2.17	2.13	1.98	1.63	1.69	1.86	2.09	3.13	3.71	3.24	2.97	2.30	2.17	1.93	1.92
	-7.31	-4.60	0.00	0.00	0.00	0.00	-1.42	0.00	-2.09	0.00	-3.12	-2.01	0.00	0.00	0.00	-2.33	-2.50	-10.41	-7.76	-9.46	-7.55	-3.45	-3.14	-1.81
BARRETT_IC_4 23707	35.87	30.85	25.13	24.96	25.42	28.61	37.36	43.27	38.71	31.96	35.22	32.26	29.28	29.36	30.49	35.10	45.29	59.93	53.14	50.10	44.21	39.42	35.64	33.35
	1.54	1.46	1.35	1.41	1.39	1.54	2.38	3.50	2.62	2.17	2.13	1.98	1.63	1.69	1.86	2.09	3.13	3.71	3.24	2.97	2.30	2.17	1.93	1.92
	-7.31	-4.60	0.00	0.00	0.00	0.00	-1.42	0.00	-2.09	0.00	-3.12	-2.01	0.00	0.00	0.00	-2.33	-2.50	-10.41	-7.76	-9.46	-7.55	-3.45	-3.14	-1.81



BARRETT_IC_5 23708	35.87 1.54 -7.31	30.85 1.46 -4.60	25.13 1.35 0.00	24.96 1.41 0.00	25.42 1.39 0.00	28.61 1.54 0.00	37.36 2.38 -1.42	43.27 3.50 0.00	38.71 2.62 -2.09	31.96 2.17 0.00	35.22 2.13 -3.12	32.26 1.98 -2.01	29.28 1.63 0.00	29.36 1.69 0.00	30.49 1.86 0.00	35.10 2.09 -2.33	45.29 3.13 -2.50	59.93 3.71 -10.41	53.14 3.24 -7.76	50.10 2.97 -9.46	44.21 2.30 -7.55	39.42 2.17 -3.45	35.64 1.93 -3.14	33.35 1.92 -1.81
BARRETT_IC_6 23709	35.87 1.54 -7.31	30.85 1.46 -4.60	25.13 1.35 0.00	24.96 1.41 0.00	25.42 1.39 0.00	28.61 1.54 0.00	37.36 2.38 -1.42	43.27 3.50 0.00	38.71 2.62 -2.09	31.96 2.17 0.00	35.22 2.13 -3.12	32.26 1.98 -2.01	29.28 1.63 0.00	29.36 1.69 0.00	30.49 1.86 0.00	35.10 2.09 -2.33	45.29 3.13 -2.50	59.93 3.71 -10.41	53.14 3.24 -7.76	50.10 2.97 -9.46	44.21 2.30 -7.55	39.42 2.17 -3.45	35.64 1.93 -3.14	33.35 1.92 -1.81
BARRETT_IC_7 23710	36.00 1.68 -7.31	30.93 1.54 -4.60	25.17 1.40 0.00	25.01 1.46 0.00	25.47 1.44 0.00	28.69 1.62 0.00	37.36 2.38 -1.42	43.43 3.66 0.00	38.88 2.79 -2.09	32.02 2.23 0.00	35.28 2.19 -3.12	32.31 2.04 -2.01	29.39 1.74 0.00	29.41 1.74 0.00	30.55 1.92 0.00	35.13 2.12 -2.33	45.37 3.21 -2.50	60.39 4.17 -10.41	53.23 3.33 -7.76	50.17 3.05 -9.45	44.54 2.65 -7.54	39.58 2.33 -3.45	35.67 1.96 -3.14	33.38 1.95 -1.81
BARRETT_IC_8 23711	35.87 1.54 -7.31	30.85 1.46 -4.60	25.13 1.35 0.00	24.96 1.41 0.00	25.42 1.39 0.00	28.61 1.54 0.00	37.36 2.38 -1.42	43.27 3.50 0.00	38.71 2.62 -2.09	31.96 2.17 0.00	35.22 2.13 -3.12	32.26 1.98 -2.01	29.28 1.63 0.00	29.36 1.69 0.00	30.49 1.86 0.00	35.10 2.09 -2.33	45.29 3.13 -2.50	59.93 3.71 -10.41	53.14 3.24 -7.76	50.10 2.97 -9.46	44.21 2.30 -7.55	39.42 2.17 -3.45	35.64 1.93 -3.14	33.35 1.92 -1.81
BARRETT_IC_9 23700	35.87 1.54 -7.31	30.85 1.46 -4.60	25.13 1.35 0.00	24.96 1.41 0.00	25.42 1.39 0.00	28.61 1.54 0.00	37.36 2.38 -1.42	43.27 3.50 0.00	38.71 2.62 -2.09	31.96 2.17 0.00	35.22 2.13 -3.12	32.26 1.98 -2.01	29.28 1.63 0.00	29.36 1.69 0.00	30.49 1.86 0.00	35.10 2.09 -2.33	45.29 3.13 -2.50	59.93 3.71 -10.41	53.14 3.24 -7.76	50.10 2.97 -9.46	44.21 2.30 -7.55	39.42 2.17 -3.45	35.64 1.93 -3.14	33.35 1.92 -1.81
BARRETT___1 23545	35.87 1.54 -7.31	30.85 1.46 -4.60	25.13 1.35 0.00	24.96 1.41 0.00	25.42 1.39 0.00	28.61 1.54 0.00	37.36 2.38 -1.42	43.27 3.50 0.00	38.71 2.62 -2.09	31.96 2.17 0.00	35.22 2.13 -3.12	32.26 1.98 -2.01	29.28 1.63 0.00	29.36 1.69 0.00	30.49 1.86 0.00	35.10 2.09 -2.33	45.29 3.13 -2.50	59.93 3.71 -10.41	53.14 3.24 -7.76	50.10 2.97 -9.46	44.21 2.30 -7.55	39.42 2.17 -3.45	35.64 1.93 -3.14	33.35 1.92 -1.81
BARRETT___2 23546	35.87 1.54 -7.31	30.85 1.46 -4.60	25.13 1.35 0.00	24.96 1.41 0.00	25.42 1.39 0.00	28.61 1.54 0.00	37.36 2.38 -1.42	43.27 3.50 0.00	38.71 2.62 -2.09	31.96 2.17 0.00	35.22 2.13 -3.12	32.26 1.98 -2.01	29.28 1.63 0.00	29.36 1.69 0.00	30.49 1.86 0.00	35.10 2.09 -2.33	45.29 3.13 -2.50	59.93 3.71 -10.41	53.14 3.24 -7.76	50.10 2.97 -9.46	44.21 2.30 -7.55	39.42 2.17 -3.45	35.64 1.93 -3.14	33.35 1.92 -1.81
BATAVIA__115KV_TB1 55881	26.50 -0.51 0.00	24.17 -0.62 0.00	23.06 -0.71 0.00	22.72 -0.82 0.00	23.30 -0.72 0.00	26.26 -0.81 0.00	32.75 -0.81 0.00	37.94 -1.83 0.00	33.15 -0.85 0.00	29.19 -0.60 0.00	29.31 -0.66 0.00	27.59 -0.68 0.00	26.96 -0.69 0.00	27.09 -0.58 0.00	27.95 -0.69 0.00	29.95 -0.74 0.00	39.34 -0.32 0.00	45.08 -0.73 0.00	41.55 -0.59 0.00	36.95 -0.72 0.00	33.77 -0.58 0.00	33.12 -0.68 0.00	30.00 -0.58 0.00	29.17 -0.44 0.00
BAYONEEC___CTG1 323682	28.07 1.05 0.00	25.81 1.02 0.00	24.79 1.02 0.00	24.65 1.11 0.00	25.06 1.03 0.00	28.20 1.14 0.00	35.36 1.81 0.00	42.80 3.02 0.00	36.11 2.11 0.00	31.67 1.88 0.00	31.68 1.71 0.00	29.85 1.58 0.00	29.06 1.41 0.00	29.05 1.38 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.23 2.58 0.00	48.78 2.98 0.00	44.67 2.53 0.00	40.04 2.37 0.00	36.08 1.72 0.00	35.39 1.59 0.00	31.99 1.41 0.00	31.07 1.45 0.00
BAYONEEC___CTG10 323750	28.07 1.05 0.00	25.81 1.02 0.00	24.79 1.02 0.00	24.65 1.11 0.00	25.06 1.03 0.00	28.20 1.14 0.00	35.36 1.81 0.00	42.80 3.02 0.00	36.11 2.11 0.00	31.67 1.88 0.00	31.68 1.71 0.00	29.85 1.58 0.00	29.06 1.41 0.00	29.05 1.38 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.23 2.58 0.00	48.78 2.98 0.00	44.67 2.53 0.00	40.04 2.37 0.00	36.08 1.72 0.00	35.39 1.59 0.00	31.99 1.41 0.00	31.07 1.45 0.00
BAYONEEC___CTG2 323683	28.07 1.05 0.00	25.81 1.02 0.00	24.79 1.02 0.00	24.65 1.11 0.00	25.06 1.03 0.00	28.20 1.14 0.00	35.36 1.81 0.00	42.80 3.02 0.00	36.11 2.11 0.00	31.67 1.88 0.00	31.68 1.71 0.00	29.85 1.58 0.00	29.06 1.41 0.00	29.05 1.38 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.23 2.58 0.00	48.78 2.98 0.00	44.67 2.53 0.00	40.04 2.37 0.00	36.08 1.72 0.00	35.39 1.59 0.00	31.99 1.41 0.00	31.07 1.45 0.00
BAYONEEC___CTG3 323684	28.07 1.05 0.00	25.81 1.02 0.00	24.79 1.02 0.00	24.65 1.11 0.00	25.06 1.03 0.00	28.20 1.14 0.00	35.36 1.81 0.00	42.80 3.02 0.00	36.11 2.11 0.00	31.67 1.88 0.00	31.68 1.71 0.00	29.85 1.58 0.00	29.06 1.41 0.00	29.05 1.38 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.23 2.58 0.00	48.78 2.98 0.00	44.67 2.53 0.00	40.04 2.37 0.00	36.08 1.72 0.00	35.39 1.59 0.00	31.99 1.41 0.00	31.07 1.45 0.00
BAYONEEC___CTG4 323685	28.07 1.05 0.00	25.81 1.02 0.00	24.79 1.02 0.00	24.65 1.11 0.00	25.06 1.03 0.00	28.20 1.14 0.00	35.36 1.81 0.00	42.80 3.02 0.00	36.11 2.11 0.00	31.67 1.88 0.00	31.68 1.71 0.00	29.85 1.58 0.00	29.06 1.41 0.00	29.05 1.38 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.23 2.58 0.00	48.78 2.98 0.00	44.67 2.53 0.00	40.04 2.37 0.00	36.08 1.72 0.00	35.39 1.59 0.00	31.99 1.41 0.00	31.07 1.45 0.00
BAYONEEC___CTG5 323686	28.07 1.05 0.00	25.81 1.02 0.00	24.79 1.02 0.00	24.65 1.11 0.00	25.06 1.03 0.00	28.20 1.14 0.00	35.36 1.81 0.00	42.80 3.02 0.00	36.11 2.11 0.00	31.67 1.88 0.00	31.68 1.71 0.00	29.85 1.58 0.00	29.06 1.41 0.00	29.05 1.38 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.23 2.58 0.00	48.78 2.98 0.00	44.67 2.53 0.00	40.04 2.37 0.00	36.08 1.72 0.00	35.39 1.59 0.00	31.99 1.41 0.00	31.07 1.45 0.00
BAYONEEC___CTG6 323687	28.07 1.05 0.00	25.81 1.02 0.00	24.79 1.02 0.00	24.65 1.11 0.00	25.06 1.03 0.00	28.20 1.14 0.00	35.36 1.81 0.00	42.80 3.02 0.00	36.11 2.11 0.00	31.67 1.88 0.00	31.68 1.71 0.00	29.85 1.58 0.00	29.06 1.41 0.00	29.05 1.38 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.23 2.58 0.00	48.78 2.98 0.00	44.67 2.53 0.00	40.04 2.37 0.00	36.08 1.72 0.00	35.39 1.59 0.00	31.99 1.41 0.00	31.07 1.45 0.00



BAYONEEC___CTG7 323688	28.07 1.05 0.00	25.81 1.02 0.00	24.79 1.02 0.00	24.65 1.11 0.00	25.06 1.03 0.00	28.20 1.14 0.00	35.36 1.81 0.00	42.80 3.02 0.00	36.11 2.11 0.00	31.67 1.88 0.00	31.68 1.71 0.00	29.85 1.58 0.00	29.06 1.41 0.00	29.05 1.38 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.23 2.58 0.00	48.78 2.98 0.00	44.67 2.53 0.00	40.04 2.37 0.00	36.08 1.72 0.00	35.39 1.59 0.00	31.99 1.41 0.00	31.07 1.45 0.00
BAYONEEC___CTG8 323689	28.07 1.05 0.00	25.81 1.02 0.00	24.79 1.02 0.00	24.65 1.11 0.00	25.06 1.03 0.00	28.20 1.14 0.00	35.36 1.81 0.00	42.80 3.02 0.00	36.11 2.11 0.00	31.67 1.88 0.00	31.68 1.71 0.00	29.85 1.58 0.00	29.06 1.41 0.00	29.05 1.38 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.23 2.58 0.00	48.78 2.98 0.00	44.67 2.53 0.00	40.04 2.37 0.00	36.08 1.72 0.00	35.39 1.59 0.00	31.99 1.41 0.00	31.07 1.45 0.00
BAYONEEC___CTG9 323749	28.07 1.05 0.00	25.81 1.02 0.00	24.79 1.02 0.00	24.65 1.11 0.00	25.06 1.03 0.00	28.20 1.14 0.00	35.36 1.81 0.00	42.80 3.02 0.00	36.11 2.11 0.00	31.67 1.88 0.00	31.68 1.71 0.00	29.85 1.58 0.00	29.06 1.41 0.00	29.05 1.38 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.23 2.58 0.00	48.78 2.98 0.00	44.67 2.53 0.00	40.04 2.37 0.00	36.08 1.72 0.00	35.39 1.59 0.00	31.99 1.41 0.00	31.07 1.45 0.00
BEACON___LESR 323632	27.61 0.59 0.00	25.39 0.59 0.00	24.46 0.69 0.00	24.25 0.71 0.00	24.74 0.72 0.00	27.80 0.73 0.00	34.76 1.21 0.00	41.64 1.87 0.00	35.26 1.26 0.00	30.65 0.86 0.00	30.75 0.78 0.00	29.03 0.76 0.00	28.36 0.72 0.00	28.42 0.75 0.00	29.46 0.83 0.00	31.66 0.98 0.00	41.20 1.55 0.00	47.69 1.88 0.00	43.83 1.69 0.00	39.13 1.47 0.00	35.56 1.20 0.00	34.85 1.05 0.00	31.41 0.83 0.00	30.36 0.74 0.00
BEAVER RIVER___HYD 24048	26.42 -0.59 0.00	24.15 -0.64 0.00	23.13 -0.64 0.00	22.89 -0.66 0.00	23.35 -0.67 0.00	26.50 -0.57 0.00	32.95 -0.60 0.00	39.22 -0.56 0.00	33.36 -0.65 0.00	29.34 -0.45 0.00	29.43 -0.54 0.00	27.65 -0.62 0.00	27.01 -0.63 0.00	27.06 -0.61 0.00	28.09 -0.54 0.00	30.31 -0.37 0.00	39.50 -0.16 0.00	45.76 -0.05 0.00	42.10 -0.04 0.00	37.59 -0.08 0.00	34.26 -0.10 0.00	33.53 -0.27 0.00	30.27 -0.31 0.00	29.14 -0.48 0.00
BEEBEE_GT_13 23619	26.40 -0.62 0.00	24.12 -0.67 0.00	23.03 -0.74 0.00	22.75 -0.80 0.00	23.30 -0.72 0.00	26.23 -0.84 0.00	32.65 -0.91 0.00	38.18 -1.59 0.00	33.08 -0.92 0.00	29.07 -0.71 0.00	29.25 -0.72 0.00	27.59 -0.68 0.00	26.96 -0.69 0.00	27.03 -0.64 0.00	27.89 -0.74 0.00	29.88 -0.80 0.00	39.10 -0.56 0.00	44.98 -0.82 0.00	41.38 -0.76 0.00	36.88 -0.79 0.00	33.67 -0.69 0.00	33.02 -0.78 0.00	29.88 -0.70 0.00	28.97 -0.65 0.00
BENSHRST_27_KV_BENSHRST_1 355998	28.80 1.78 0.00	26.40 1.61 0.00	25.41 1.64 0.00	25.25 1.70 -0.01	25.63 1.61 0.00	28.77 1.71 0.00	35.73 2.18 0.00	43.08 3.30 0.00	36.42 2.41 0.00	31.90 2.11 0.00	31.77 1.80 0.00	29.94 1.67 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.43 1.75 0.00	42.59 2.93 0.00	49.84 4.03 0.00	45.27 3.12 -0.01	40.57 2.90 0.00	36.63 2.27 0.00	35.83 2.03 0.00	32.54 1.96 0.00	31.69 2.07 0.00
BETHLEHEM___GRP 23843	27.13 0.11 0.00	24.94 0.15 0.00	24.03 0.26 0.00	23.83 0.28 0.00	24.31 0.29 0.00	27.26 0.19 0.00	33.92 0.37 0.00	40.69 0.91 0.00	34.55 0.54 0.00	30.00 0.21 0.00	30.15 0.18 0.00	28.49 0.23 0.00	27.95 0.30 0.00	27.97 0.30 0.00	28.89 0.26 0.00	30.99 0.31 0.00	40.29 0.63 0.00	46.91 1.10 0.00	42.86 0.72 0.00	38.27 0.60 0.00	34.98 0.62 0.00	34.21 0.41 0.00	30.79 0.21 0.00	29.80 0.18 0.00
BETHLEHEM___GS1 323560	27.07 0.05 0.00	24.89 0.10 0.00	23.99 0.21 0.00	23.78 0.24 0.00	24.26 0.24 0.00	27.23 0.16 0.00	33.92 0.37 0.00	40.65 0.87 0.00	34.44 0.44 0.00	29.97 0.18 0.00	30.09 0.12 0.00	28.47 0.20 0.00	27.84 0.19 0.00	27.89 0.22 0.00	28.86 0.23 0.00	30.96 0.28 0.00	40.21 0.55 0.00	46.54 0.73 0.00	42.77 0.63 0.00	38.23 0.57 0.00	34.67 0.31 0.00	34.07 0.27 0.00	30.73 0.15 0.00	29.80 0.18 0.00
BETHLEHEM___GS2 323561	27.07 0.05 0.00	24.89 0.10 0.00	23.99 0.21 0.00	23.78 0.24 0.00	24.26 0.24 0.00	27.23 0.16 0.00	33.92 0.37 0.00	40.65 0.87 0.00	34.44 0.44 0.00	29.97 0.18 0.00	30.09 0.12 0.00	28.47 0.20 0.00	27.84 0.19 0.00	27.89 0.22 0.00	28.86 0.23 0.00	30.96 0.28 0.00	40.21 0.55 0.00	46.54 0.73 0.00	42.77 0.63 0.00	38.23 0.57 0.00	34.67 0.31 0.00	34.07 0.27 0.00	30.73 0.15 0.00	29.80 0.18 0.00
BETHLEHEM___GS3 323562	27.07 0.05 0.00	24.89 0.10 0.00	23.99 0.21 0.00	23.78 0.24 0.00	24.26 0.24 0.00	27.23 0.16 0.00	33.92 0.37 0.00	40.65 0.87 0.00	34.44 0.44 0.00	29.97 0.18 0.00	30.09 0.12 0.00	28.47 0.20 0.00	27.84 0.19 0.00	27.89 0.22 0.00	28.86 0.23 0.00	30.96 0.28 0.00	40.21 0.55 0.00	46.54 0.73 0.00	42.77 0.63 0.00	38.23 0.57 0.00	34.67 0.31 0.00	34.07 0.27 0.00	30.73 0.15 0.00	29.80 0.18 0.00
BETHLEHEM___STEEL 23779	26.34 -0.68 0.00	24.10 -0.69 0.00	22.92 -0.86 0.00	22.60 -0.94 0.00	23.16 -0.86 0.00	26.04 -1.03 0.00	32.45 -1.11 0.00	37.51 -2.27 0.00	32.85 -1.16 0.00	29.01 -0.77 0.00	29.25 -0.72 0.00	27.59 -0.68 0.00	26.96 -0.69 0.00	27.06 -0.61 0.00	27.86 -0.77 0.00	29.79 -0.89 0.00	39.02 -0.63 0.00	44.62 -1.19 0.00	41.00 -1.14 0.00	36.46 -1.21 0.00	33.40 -0.96 0.00	32.79 -1.01 0.00	29.82 -0.76 0.00	29.15 -0.47 0.00
BETHLHEM_115KV_TB1 79974	27.21 0.19 0.00	24.99 0.20 0.00	24.08 0.31 0.00	23.88 0.33 0.00	24.36 0.34 0.00	27.34 0.27 0.00	34.02 0.47 0.00	40.81 1.03 0.00	34.65 0.65 0.00	30.09 0.30 0.00	30.24 0.27 0.00	28.55 0.28 0.00	28.01 0.36 0.00	28.03 0.36 0.00	28.98 0.34 0.00	31.08 0.40 0.00	40.41 0.75 0.00	47.04 1.24 0.00	42.94 0.80 0.00	38.38 0.72 0.00	35.05 0.69 0.00	34.27 0.47 0.00	30.89 0.31 0.00	29.89 0.27 0.00
BETHPAGE_CC_5 323564	36.17 1.84 -7.31	31.13 1.73 -4.60	25.34 1.57 0.00	25.15 1.60 0.00	25.63 1.61 0.00	28.85 1.79 0.00	37.66 2.69 -1.42	43.55 3.78 0.00	39.02 2.92 -2.09	32.17 2.38 0.00	35.52 2.43 -3.12	32.54 2.26 -2.01	29.47 1.82 0.00	29.55 1.88 0.00	30.75 2.12 0.00	35.41 2.39 -2.33	45.68 3.53 -2.50	60.39 4.17 -10.41	53.52 3.62 -7.76	50.39 3.28 -9.45	44.48 2.58 -7.54	39.72 2.47 -3.45	35.92 2.20 -3.14	33.59 2.16 -1.81
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	26.50 -0.51 0.00	24.22 -0.57 0.00	23.03 -0.74 0.00	22.72 -0.82 0.00	23.28 -0.74 0.00	26.17 -0.89 0.00	32.65 -0.91 0.00	37.71 -2.07 0.00	33.02 -0.99 0.00	29.16 -0.63 0.00	29.40 -0.57 0.00	27.73 -0.54 0.00	27.09 -0.55 0.00	27.23 -0.44 0.00	28.00 -0.63 0.00	29.95 -0.74 0.00	39.22 -0.44 0.00	44.89 -0.92 0.00	41.25 -0.88 0.00	36.69 -0.98 0.00	33.60 -0.76 0.00	32.95 -0.85 0.00	29.97 -0.61 0.00	29.32 -0.30 0.00



BINGHAMTON___COGEN 23790	27.37 0.35 0.00	25.07 0.27 0.00	23.99 0.21 0.00	23.76 0.21 0.00	24.26 0.24 0.00	27.37 0.30 0.00	34.02 0.47 0.00	40.29 0.52 0.00	34.44 0.44 0.00	30.09 0.30 0.00	30.24 0.27 0.00	28.49 0.23 0.00	27.84 0.19 0.00	27.86 0.19 0.00	28.80 0.17 0.00	30.93 0.25 0.00	40.33 0.67 0.00	46.77 0.96 0.00	42.81 0.67 0.00	38.27 0.60 0.00	34.91 0.55 0.00	34.17 0.37 0.00	30.89 0.31 0.00	29.97 0.36 0.00
BIXINCNT_115KV_LOAD 355685	26.86 -0.16 0.00	24.47 -0.32 0.00	23.25 -0.52 0.00	22.93 -0.61 0.00	23.45 -0.58 0.00	26.36 -0.70 0.00	32.95 -0.60 0.00	38.14 -1.63 0.00	33.32 -0.68 0.00	29.40 -0.39 0.00	29.82 -0.15 0.00	28.10 -0.17 0.00	27.48 -0.17 0.00	27.61 -0.06 0.00	28.43 -0.20 0.00	30.47 -0.21 0.00	39.97 0.32 0.00	45.90 0.09 0.00	42.10 -0.04 0.00	37.40 -0.26 0.00	34.22 -0.14 0.00	33.56 -0.24 0.00	30.61 0.03 0.00	29.94 0.33 0.00
BLACK RIVER___HYD 24047	26.53 -0.49 0.00	24.25 -0.55 0.00	23.20 -0.57 0.00	22.96 -0.59 0.00	23.45 -0.58 0.00	26.61 -0.46 0.00	33.12 -0.44 0.00	39.45 -0.32 0.00	33.46 -0.55 0.00	29.25 -0.54 0.00	29.34 -0.63 0.00	27.51 -0.76 0.00	26.90 -0.75 0.00	26.95 -0.72 0.00	27.97 -0.66 0.00	30.31 -0.37 0.00	39.70 0.04 0.00	45.99 0.18 0.00	42.39 0.25 0.00	37.86 0.19 0.00	34.39 0.03 0.00	33.60 -0.20 0.00	30.27 -0.31 0.00	29.12 -0.50 0.00
BLACKRVR_115KV_TB2 79977	26.50 -0.51 0.00	24.22 -0.57 0.00	23.18 -0.59 0.00	22.93 -0.61 0.00	23.40 -0.62 0.00	26.61 -0.46 0.00	33.12 -0.44 0.00	39.42 -0.36 0.00	33.46 -0.54 0.00	29.25 -0.54 0.00	29.31 -0.66 0.00	27.51 -0.76 0.00	26.87 -0.77 0.00	26.92 -0.75 0.00	27.97 -0.66 0.00	30.28 -0.40 0.00	39.66 0.00 0.00	45.99 0.18 0.00	42.31 0.17 0.00	37.78 0.11 0.00	34.39 0.03 0.00	33.56 -0.24 0.00	30.24 -0.34 0.00	29.12 -0.50 0.00
BLISS_WT_PWR 323608	26.83 -0.19 0.00	24.40 -0.40 0.00	23.20 -0.57 0.00	22.91 -0.63 0.00	23.38 -0.65 0.00	26.26 -0.81 0.00	32.78 -0.77 0.00	38.38 -1.39 0.00	33.42 -0.58 0.00	29.61 -0.18 0.00	30.03 0.06 0.00	28.24 -0.03 0.00	27.95 0.30 0.00	28.00 0.33 0.00	28.60 -0.03 0.00	30.77 0.09 0.00	40.45 0.79 0.00	46.08 0.28 0.00	42.77 0.63 0.00	37.97 0.30 0.00	34.53 0.17 0.00	33.80 0.00 0.00	31.07 0.49 0.00	30.12 0.50 0.00
BLUESTONE___WT_PWR 323821	29.18 2.16 0.00	26.68 1.88 0.00	25.51 1.73 0.00	25.26 1.72 0.00	25.83 1.80 0.00	29.29 2.22 0.00	36.57 3.02 0.00	43.71 3.94 0.00	36.93 2.92 0.00	32.05 2.26 0.00	32.13 2.16 0.00	30.22 1.95 0.00	29.47 1.82 0.00	29.55 1.88 0.00	30.61 1.97 0.00	33.14 2.46 0.00	43.66 4.00 0.00	50.43 4.62 0.00	46.56 4.42 0.00	41.58 3.92 0.00	37.69 3.33 0.00	36.81 3.01 0.00	33.27 2.69 0.00	32.08 2.46 0.00
BLUE_CIRC_CHEM_DRP 24182	27.61 0.59 0.00	25.39 0.60 0.00	24.41 0.64 0.00	24.21 0.66 0.00	24.70 0.67 0.00	27.72 0.65 0.00	34.49 0.94 0.00	41.25 1.47 0.00	35.02 1.02 0.00	30.41 0.63 0.00	30.57 0.60 0.00	28.83 0.57 0.00	28.26 0.61 0.00	28.31 0.64 0.00	29.29 0.66 0.00	31.45 0.77 0.00	40.89 1.23 0.00	47.50 1.69 0.00	43.45 1.31 0.00	38.83 1.17 0.00	35.49 1.13 0.00	34.75 0.95 0.00	31.28 0.70 0.00	30.33 0.71 0.00
BOC_GAS_DRP 24189	27.42 0.41 0.00	25.19 0.40 0.00	24.20 0.43 0.00	23.99 0.45 0.00	24.48 0.46 0.00	27.53 0.46 0.00	34.22 0.67 0.00	41.01 1.23 0.00	34.85 0.85 0.00	30.32 0.54 0.00	30.48 0.51 0.00	28.75 0.48 0.00	28.14 0.50 0.00	28.19 0.53 0.00	29.15 0.52 0.00	31.26 0.58 0.00	40.61 0.95 0.00	47.23 1.42 0.00	43.15 1.01 0.00	38.61 0.94 0.00	35.22 0.86 0.00	34.48 0.68 0.00	31.07 0.49 0.00	30.12 0.50 0.00
BOONVILLE_115KV_TB1 79983	27.42 0.41 0.00	25.12 0.32 0.00	24.06 0.29 0.00	23.81 0.26 0.00	24.31 0.29 0.00	27.56 0.49 0.00	34.29 0.74 0.00	40.81 1.03 0.00	34.75 0.75 0.00	30.41 0.63 0.00	30.54 0.57 0.00	28.75 0.48 0.00	28.06 0.41 0.00	28.08 0.42 0.00	29.12 0.49 0.00	31.39 0.71 0.00	40.92 1.27 0.00	47.41 1.60 0.00	43.53 1.39 0.00	38.87 1.21 0.00	35.42 1.07 0.00	34.68 0.88 0.00	31.25 0.67 0.00	30.18 0.56 0.00
BORALEX_4TH_BRANCH 23824	27.99 0.97 0.00	25.71 0.92 0.00	24.68 0.90 0.00	24.47 0.92 0.00	25.03 1.01 0.00	28.23 1.16 0.00	35.20 1.64 0.00	42.48 2.70 0.00	35.91 1.90 0.00	30.98 1.19 0.00	31.17 1.20 0.00	29.37 1.10 0.00	28.86 1.22 0.00	28.91 1.25 0.00	29.98 1.35 0.00	32.18 1.50 0.00	41.76 2.10 0.00	48.83 3.02 0.00	44.50 2.36 0.00	39.74 2.07 0.00	36.42 2.06 0.00	35.59 1.79 0.00	31.99 1.41 0.00	30.89 1.27 0.00
BOWLINE___1 23526	27.96 0.95 0.00	25.68 0.89 0.00	24.65 0.88 0.00	24.49 0.94 0.00	24.94 0.91 0.00	28.07 1.00 0.00	35.13 1.58 0.00	42.40 2.62 0.00	35.77 1.77 0.00	31.31 1.52 0.00	31.38 1.41 0.00	29.57 1.30 0.00	28.81 1.16 0.00	28.78 1.11 0.00	29.83 1.20 0.00	31.97 1.29 0.00	41.72 2.06 0.00	48.33 2.52 0.00	44.29 2.15 0.00	39.62 1.96 0.00	35.77 1.41 0.00	35.08 1.28 0.00	31.74 1.16 0.00	30.80 1.19 0.00
BOWLINE___2 23595	27.96 0.95 0.00	25.68 0.89 0.00	24.65 0.88 0.00	24.49 0.94 0.00	24.94 0.91 0.00	28.07 1.00 0.00	35.13 1.58 0.00	42.40 2.62 0.00	35.77 1.77 0.00	31.31 1.52 0.00	31.38 1.41 0.00	29.57 1.30 0.00	28.81 1.16 0.00	28.78 1.11 0.00	29.83 1.20 0.00	31.97 1.29 0.00	41.72 2.06 0.00	48.33 2.52 0.00	44.29 2.15 0.00	39.62 1.96 0.00	35.77 1.41 0.00	35.08 1.28 0.00	31.74 1.16 0.00	30.80 1.19 0.00
BRADY___115KV_TB2 356060	27.15 0.14 0.00	24.89 0.10 0.00	23.87 0.10 0.00	23.62 0.07 0.00	24.07 0.05 0.00	27.18 0.11 0.00	33.55 0.00 0.00	39.42 -0.36 0.00	33.90 -0.10 0.00	30.00 0.21 0.00	30.24 0.27 0.00	28.49 0.23 0.00	27.87 0.22 0.00	27.95 0.28 0.00	28.98 0.34 0.00	30.90 0.21 0.00	39.54 -0.12 0.00	45.30 -0.50 0.00	42.14 0.00 0.00	37.67 0.00 0.00	34.36 0.00 0.00	34.00 0.20 0.00	31.04 0.46 0.00	30.00 0.39 0.00
BRANSCOMB___SOLAR 323811	28.07 1.05 0.00	25.79 0.99 0.00	24.77 1.00 0.00	24.56 1.01 0.00	25.08 1.06 0.00	28.26 1.19 0.00	35.36 1.81 0.00	42.28 2.51 0.00	35.77 1.77 0.00	30.98 1.19 0.00	31.11 1.14 0.00	29.32 1.05 0.00	28.64 0.99 0.00	28.69 1.02 0.00	29.81 1.17 0.00	31.82 1.14 0.00	41.48 1.83 0.00	48.05 2.24 0.00	44.20 2.06 0.00	39.44 1.77 0.00	35.83 1.48 0.00	35.08 1.28 0.00	31.59 1.01 0.00	30.92 1.30 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	36.63 2.30 -7.31	31.57 2.18 -4.60	25.65 1.88 0.00	25.45 1.91 0.00	25.97 1.95 0.00	29.26 2.19 0.00	38.20 3.22 -1.42	44.31 4.53 0.00	39.63 3.54 -2.09	32.50 2.71 0.00	35.91 2.82 -3.12	32.96 2.69 -2.01	29.80 2.16 0.00	29.94 2.27 0.00	31.18 2.55 0.00	35.86 2.85 -2.33	46.48 4.32 -2.50	61.72 5.50 -10.41	54.41 4.51 -7.76	51.15 4.03 -9.45	45.40 3.50 -7.54	40.43 3.18 -3.45	36.41 2.69 -3.14	34.09 2.67 -1.81



BRISTLHL_115KV_TB1 79998	26.50 -0.51 0.00	24.30 -0.50 0.00	23.27 -0.50 0.00	23.05 -0.49 0.00	23.54 -0.48 0.00	26.55 -0.51 0.00	32.81 -0.74 0.00	38.90 -0.88 0.00	33.22 -0.78 0.00	29.01 -0.77 0.00	29.19 -0.78 0.00	27.53 -0.73 0.00	26.90 -0.75 0.00	26.92 -0.75 0.00	27.83 -0.80 0.00	29.88 -0.80 0.00	38.86 -0.79 0.00	45.03 -0.78 0.00	41.34 -0.80 0.00	36.91 -0.75 0.00	33.67 -0.69 0.00	32.99 -0.81 0.00	29.78 -0.80 0.00	28.82 -0.80 0.00
BROOKHAVEN___DRP 24191	36.61 2.24 -7.35	31.47 2.08 -4.60	25.25 1.47 0.00	25.05 1.51 0.00	25.54 1.51 0.00	28.75 1.68 0.00	37.56 2.58 -1.42	43.75 3.98 0.00	39.12 3.03 -2.09	31.96 2.17 0.00	35.85 2.76 -3.12	32.82 2.54 -2.01	29.25 1.60 0.00	29.36 1.69 0.00	30.58 1.95 0.00	35.28 2.27 -2.33	45.72 3.57 -2.50	60.85 4.63 -10.41	53.60 3.71 -7.76	50.51 3.39 -9.45	44.82 2.92 -7.54	39.89 2.64 -3.45	35.89 2.17 -3.14	33.71 2.28 -1.81
BROOKLYN_NAVY_YARD 23515	28.07 1.05 0.00	25.81 1.02 0.00	24.79 1.02 0.00	24.63 1.08 0.00	25.06 1.03 0.00	28.20 1.14 0.00	35.40 1.84 0.00	42.80 3.02 0.00	36.15 2.14 0.00	31.70 1.91 0.00	31.71 1.74 0.00	29.85 1.58 0.00	29.06 1.41 0.00	29.08 1.41 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.27 2.62 0.00	48.88 3.07 0.00	44.75 2.61 0.00	40.11 2.45 0.00	36.11 1.75 0.00	35.42 1.62 0.00	32.02 1.44 0.00	31.07 1.45 0.00
BROOKLYN___ARMY_DRP 323595	28.80 1.78 0.00	26.43 1.64 0.00	25.41 1.64 0.00	25.25 1.70 -0.01	25.66 1.63 0.00	28.77 1.71 0.00	35.67 2.11 0.00	42.88 3.10 0.00	36.21 2.21 0.00	31.72 1.94 0.00	31.56 1.59 0.00	29.74 1.47 0.00	28.97 1.33 0.00	28.97 1.30 0.00	30.01 1.37 0.00	32.22 1.53 0.00	42.35 2.70 0.00	49.61 3.80 0.00	45.06 2.91 -0.01	40.38 2.71 0.00	36.42 2.06 0.00	35.66 1.86 0.00	32.45 1.87 0.00	31.63 2.01 0.00
BROOKVLE_69_KV_TB1 55790	36.22 1.89 -7.31	31.13 1.74 -4.60	25.36 1.59 0.00	25.17 1.62 0.00	25.66 1.63 0.00	28.91 1.84 0.00	37.69 2.72 -1.42	43.83 4.06 0.00	39.25 3.16 -2.09	32.32 2.53 0.00	35.61 2.52 -3.12	32.60 2.32 -2.01	29.67 2.02 0.00	29.72 2.05 0.00	30.87 2.23 0.00	35.47 2.45 -2.33	45.72 3.57 -2.50	60.89 4.67 -10.41	53.65 3.75 -7.76	50.51 3.39 -9.45	44.92 3.02 -7.54	39.95 2.70 -3.45	35.98 2.26 -3.14	33.68 2.25 -1.81
BROOME_2_LFGE 323671	27.37 0.35 0.00	25.07 0.27 0.00	23.99 0.21 0.00	23.76 0.21 0.00	24.26 0.24 0.00	27.37 0.30 0.00	34.02 0.47 0.00	40.37 0.60 0.00	34.44 0.44 0.00	30.15 0.36 0.00	30.30 0.33 0.00	28.55 0.28 0.00	27.95 0.30 0.00	27.95 0.28 0.00	28.86 0.23 0.00	30.99 0.31 0.00	40.45 0.79 0.00	46.63 0.83 0.00	42.98 0.84 0.00	38.38 0.71 0.00	34.87 0.52 0.00	34.17 0.37 0.00	30.98 0.40 0.00	30.00 0.38 0.00
BROOME___LFGE 323600	27.37 0.35 0.00	25.07 0.27 0.00	23.99 0.21 0.00	23.76 0.21 0.00	24.26 0.24 0.00	27.37 0.30 0.00	34.02 0.47 0.00	40.37 0.60 0.00	34.44 0.44 0.00	30.15 0.36 0.00	30.30 0.33 0.00	28.55 0.28 0.00	27.95 0.30 0.00	27.95 0.28 0.00	28.86 0.23 0.00	30.99 0.31 0.00	40.45 0.79 0.00	46.63 0.83 0.00	42.98 0.84 0.00	38.38 0.71 0.00	34.87 0.52 0.00	34.17 0.37 0.00	30.98 0.40 0.00	30.00 0.38 0.00
BROWNFLS_115KV_TB_3_5 80003	26.18 -0.84 0.00	23.97 -0.82 0.00	22.96 -0.81 0.00	22.72 -0.82 0.00	23.16 -0.86 0.00	26.23 -0.84 0.00	32.55 -1.01 0.00	38.50 -1.27 0.00	32.91 -1.09 0.00	29.04 -0.74 0.00	29.19 -0.78 0.00	27.48 -0.79 0.00	26.85 -0.80 0.00	26.92 -0.75 0.00	27.92 -0.72 0.00	29.98 -0.71 0.00	38.74 -0.91 0.00	44.66 -1.15 0.00	41.30 -0.84 0.00	36.91 -0.75 0.00	33.60 -0.76 0.00	33.06 -0.74 0.00	30.00 -0.58 0.00	28.94 -0.68 0.00
BROWNSV1_27_KV_LOAD 356125	28.50 1.49 0.00	26.16 1.36 0.00	25.13 1.35 0.00	24.91 1.37 0.00	25.35 1.32 0.00	28.50 1.43 0.00	35.67 2.11 0.00	43.19 3.42 0.00	36.59 2.58 0.00	32.02 2.23 0.00	31.98 2.01 0.00	30.13 1.87 0.00	29.39 1.74 0.00	29.38 1.72 0.00	30.44 1.80 0.00	32.61 1.93 0.00	42.67 3.01 0.00	49.75 3.94 0.00	45.17 3.03 0.00	40.53 2.86 0.00	36.76 2.41 0.00	35.86 2.06 0.00	32.29 1.71 0.00	31.40 1.78 0.00
BURROWS___LYONSDAL 23803	27.21 0.19 0.00	24.89 0.10 0.00	23.84 0.07 0.00	23.59 0.05 0.00	24.10 0.07 0.00	27.31 0.24 0.00	33.99 0.44 0.00	40.49 0.72 0.00	34.44 0.44 0.00	30.20 0.42 0.00	30.30 0.33 0.00	28.52 0.25 0.00	27.84 0.19 0.00	27.86 0.19 0.00	28.92 0.29 0.00	31.17 0.49 0.00	40.65 0.99 0.00	47.09 1.28 0.00	43.23 1.10 0.00	38.65 0.98 0.00	35.18 0.82 0.00	34.44 0.64 0.00	31.07 0.49 0.00	29.97 0.36 0.00
CAITHNESS_CC_1 323624	36.40 2.03 -7.35	31.30 1.91 -4.60	25.20 1.43 0.00	25.01 1.46 0.00	25.49 1.47 0.00	28.66 1.60 0.00	37.53 2.55 -1.42	43.43 3.66 0.00	38.91 2.82 -2.09	31.90 2.12 0.00	35.73 2.64 -3.12	32.71 2.43 -2.01	29.17 1.52 0.00	29.27 1.60 0.00	30.52 1.89 0.00	35.28 2.27 -2.33	45.60 3.45 -2.50	60.30 4.08 -10.41	53.48 3.58 -7.76	50.36 3.24 -9.45	44.44 2.54 -7.54	39.69 2.43 -3.45	35.83 2.11 -3.14	33.62 2.19 -1.81
CALPINE BETH_PAGE_GT4 24209	36.14 1.81 -7.31	31.05 1.66 -4.60	25.25 1.47 0.00	25.08 1.53 0.00	25.54 1.51 0.00	28.77 1.71 0.00	37.53 2.55 -1.42	43.63 3.86 0.00	39.08 2.99 -2.09	32.14 2.35 0.00	35.46 2.37 -3.12	32.48 2.20 -2.01	29.47 1.82 0.00	29.55 1.88 0.00	30.72 2.09 0.00	35.34 2.33 -2.33	45.60 3.45 -2.50	60.76 4.53 -10.41	53.52 3.62 -7.76	50.39 3.28 -9.45	44.75 2.85 -7.54	39.79 2.53 -3.45	35.86 2.14 -3.14	33.56 2.13 -1.81
CALPINE_BETH_PAGE_GT_4 323586	36.14 1.81 -7.31	31.10 1.71 -4.60	25.32 1.54 0.00	25.15 1.60 0.00	25.63 1.61 0.00	28.85 1.79 0.00	37.60 2.62 -1.42	43.43 3.66 0.00	38.91 2.82 -2.09	32.08 2.29 0.00	35.43 2.34 -3.12	32.43 2.15 -2.01	29.39 1.74 0.00	29.47 1.80 0.00	30.67 2.03 0.00	35.31 2.30 -2.33	45.56 3.41 -2.50	60.25 4.03 -10.41	53.44 3.54 -7.76	50.32 3.20 -9.45	44.41 2.51 -7.54	39.62 2.37 -3.45	35.83 2.11 -3.14	33.50 2.07 -1.81
CALPINE_BP_GT1 23823	36.14 1.81 -7.31	31.10 1.71 -4.60	25.32 1.54 0.00	25.15 1.60 0.00	25.63 1.61 0.00	28.85 1.79 0.00	37.60 2.62 -1.42	43.43 3.66 0.00	38.91 2.82 -2.09	32.08 2.29 0.00	35.43 2.34 -3.12	32.43 2.15 -2.01	29.39 1.74 0.00	29.47 1.80 0.00	30.67 2.03 0.00	35.31 2.30 -2.33	45.56 3.41 -2.50	60.25 4.03 -10.41	53.44 3.54 -7.76	50.32 3.20 -9.45	44.41 2.51 -7.54	39.62 2.37 -3.45	35.83 2.11 -3.14	33.50 2.07 -1.81
CALSPAN___DRP 24200	26.34 -0.68 0.00	24.10 -0.69 0.00	22.92 -0.86 0.00	22.60 -0.94 0.00	23.16 -0.86 0.00	26.04 -1.03 0.00	32.45 -1.11 0.00	37.51 -2.27 0.00	32.85 -1.16 0.00	29.01 -0.77 0.00	29.25 -0.72 0.00	27.59 -0.68 0.00	26.96 -0.69 0.00	27.06 -0.61 0.00	27.86 -0.77 0.00	29.79 -0.89 0.00	39.02 -0.63 0.00	44.62 -1.19 0.00	41.00 -1.14 0.00	36.46 -1.21 0.00	33.40 -0.96 0.00	32.79 -1.01 0.00	29.82 -0.76 0.00	29.15 -0.47 0.00



CALVERTON___SOLAR 323806	36.59 2.22 -7.35	31.45 2.06 -4.60	25.25 1.47 0.00	25.08 1.53 0.00	25.56 1.54 0.00	28.72 1.65 0.00	37.63 2.65 -1.42	43.59 3.82 0.00	39.02 2.92 -2.09	31.96 2.17 0.00	35.91 2.82 -3.12	32.85 2.57 -2.01	29.19 1.55 0.00	29.30 1.63 0.00	30.55 1.92 0.00	35.34 2.33 -2.33	45.76 3.61 -2.50	60.52 4.30 -10.41	53.65 3.75 -7.76	50.51 3.39 -9.45	44.58 2.68 -7.54	39.82 2.57 -3.45	35.92 2.20 -3.14	33.74 2.31 -1.81
CANDIGU_WT_PWR 323617	26.94 -0.08 0.00	24.59 -0.20 0.00	23.46 -0.31 0.00	23.19 -0.35 0.00	23.74 -0.29 0.00	26.74 -0.32 0.00	33.28 -0.27 0.00	39.18 -0.60 0.00	33.77 -0.24 0.00	29.76 -0.03 0.00	29.94 -0.03 0.00	28.21 -0.06 0.00	27.76 0.11 0.00	27.84 0.17 0.00	28.55 -0.09 0.00	30.65 -0.03 0.00	40.21 0.55 0.00	46.04 0.23 0.00	42.60 0.46 0.00	37.93 0.27 0.00	34.53 0.17 0.00	33.77 -0.03 0.00	30.82 0.24 0.00	29.83 0.21 0.00
CARR STREET_E_SYR 24060	26.80 -0.22 0.00	24.57 -0.22 0.00	23.51 -0.26 0.00	23.29 -0.26 0.00	23.81 -0.22 0.00	26.77 -0.30 0.00	32.95 -0.60 0.00	39.14 -0.64 0.00	33.39 -0.61 0.00	29.25 -0.54 0.00	29.40 -0.57 0.00	27.85 -0.42 0.00	27.26 -0.39 0.00	27.25 -0.41 0.00	28.12 -0.51 0.00	30.07 -0.61 0.00	39.14 -0.52 0.00	45.17 -0.64 0.00	41.59 -0.55 0.00	37.14 -0.53 0.00	33.81 -0.55 0.00	33.12 -0.68 0.00	29.97 -0.61 0.00	29.00 -0.62 0.00
CARTHAGE___PAPER 23857	26.40 -0.62 0.00	24.10 -0.69 0.00	23.08 -0.69 0.00	22.84 -0.71 0.00	23.30 -0.72 0.00	26.47 -0.60 0.00	32.95 -0.60 0.00	39.22 -0.56 0.00	33.36 -0.65 0.00	29.25 -0.54 0.00	29.34 -0.63 0.00	27.53 -0.74 0.00	26.90 -0.75 0.00	26.98 -0.69 0.00	28.00 -0.63 0.00	30.28 -0.40 0.00	39.50 -0.16 0.00	45.81 0.00 0.00	42.14 0.00 0.00	37.63 -0.04 0.00	34.26 -0.10 0.00	33.50 -0.30 0.00	30.21 -0.37 0.00	29.09 -0.53 0.00
CASSADAGA_WT_PWR 323784	26.75 -0.27 0.00	24.27 -0.52 0.00	23.08 -0.69 0.00	22.86 -0.68 0.00	23.38 -0.65 0.00	26.36 -0.70 0.00	33.05 -0.50 0.00	38.70 -1.07 0.00	33.80 -0.20 0.00	30.00 0.21 0.00	30.27 0.30 0.00	28.58 0.31 0.00	28.23 0.58 0.00	28.31 0.64 0.00	28.89 0.26 0.00	31.02 0.34 0.00	40.76 1.11 0.00	46.45 0.64 0.00	43.07 0.93 0.00	38.31 0.64 0.00	34.94 0.58 0.00	34.14 0.34 0.00	31.28 0.70 0.00	30.30 0.68 0.00
CE_DUNWOOD___DRP 24194	28.18 1.16 0.00	25.88 1.09 0.00	24.87 1.09 0.00	24.68 1.13 0.00	25.13 1.11 0.00	28.29 1.22 0.00	35.30 1.74 0.00	42.72 2.94 0.00	36.18 2.18 0.00	31.58 1.79 0.00	31.65 1.68 0.00	29.79 1.53 0.00	29.06 1.41 0.00	29.05 1.38 0.00	30.09 1.46 0.00	32.28 1.60 0.00	42.11 2.46 0.00	49.15 3.34 0.00	44.71 2.57 0.00	40.04 2.37 0.00	36.39 2.03 0.00	35.49 1.69 0.00	31.99 1.41 0.00	31.04 1.42 0.00
CE_MILLWOOD___DRP 24193	28.15 1.13 0.00	25.86 1.07 0.00	24.82 1.05 0.00	24.63 1.08 0.00	25.08 1.06 0.00	28.23 1.16 0.00	35.26 1.71 0.00	42.64 2.86 0.00	36.11 2.11 0.00	31.52 1.73 0.00	31.56 1.59 0.00	29.74 1.47 0.00	29.00 1.35 0.00	29.00 1.33 0.00	30.04 1.40 0.00	32.18 1.50 0.00	42.04 2.38 0.00	49.06 3.25 0.00	44.58 2.44 0.00	39.93 2.26 0.00	36.28 1.92 0.00	35.42 1.62 0.00	31.93 1.35 0.00	30.98 1.36 0.00
CE_NYC2_DRP 24202	28.42 1.40 0.00	26.06 1.26 0.00	25.08 1.31 0.00	24.92 1.37 -0.01	25.32 1.30 0.00	28.42 1.35 0.00	35.36 1.81 0.00	42.84 3.06 0.00	36.31 2.31 0.00	31.75 1.97 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.37 1.69 0.00	42.31 2.66 0.00	49.34 3.53 0.00	44.79 2.65 0.00	40.15 2.49 0.00	36.42 2.06 0.00	35.56 1.76 0.00	32.14 1.56 0.00	31.28 1.66 0.00
CE_NYC_DRP 24195	28.26 1.24 0.00	25.93 1.14 0.00	24.94 1.16 0.00	24.77 1.22 0.00	25.18 1.15 0.00	28.34 1.27 0.00	35.43 1.88 0.00	42.92 3.14 0.00	36.35 2.35 0.00	31.78 2.00 0.00	31.77 1.80 0.00	29.96 1.70 0.00	29.20 1.55 0.00	29.19 1.52 0.00	30.24 1.60 0.00	32.43 1.75 0.00	42.35 2.70 0.00	49.38 3.57 0.00	44.84 2.70 0.00	40.23 2.56 0.00	36.49 2.13 0.00	35.59 1.79 0.00	32.08 1.50 0.00	31.16 1.54 0.00
CHAFFEE___LFGE 323603	26.50 -0.51 0.00	24.20 -0.60 0.00	23.06 -0.71 0.00	22.75 -0.80 0.00	23.33 -0.70 0.00	26.20 -0.87 0.00	32.58 -0.97 0.00	38.18 -1.59 0.00	33.25 -0.75 0.00	29.46 -0.33 0.00	29.67 -0.30 0.00	27.93 -0.34 0.00	27.59 -0.06 0.00	27.64 -0.03 0.00	28.20 -0.43 0.00	30.22 -0.46 0.00	39.70 0.04 0.00	45.12 -0.69 0.00	41.89 -0.25 0.00	37.25 -0.41 0.00	33.98 -0.38 0.00	33.19 -0.61 0.00	30.40 -0.18 0.00	29.44 -0.18 0.00
CHATEAUG_35_KV_LOAD 355732	26.96 -0.05 0.00	24.69 -0.10 0.00	23.63 -0.14 0.00	23.36 -0.19 0.00	23.78 -0.24 0.00	26.88 -0.19 0.00	33.25 -0.30 0.00	38.98 -0.80 0.00	33.56 -0.44 0.00	29.61 -0.18 0.00	30.06 0.09 0.00	28.38 0.11 0.00	27.81 0.17 0.00	27.95 0.28 0.00	29.03 0.40 0.00	31.14 0.46 0.00	39.89 0.24 0.00	45.76 -0.05 0.00	42.52 0.38 0.00	38.01 0.34 0.00	34.63 0.27 0.00	34.31 0.51 0.00	31.19 0.61 0.00	30.18 0.56 0.00
CHATEAUG_WT_PWR 323614	26.88 -0.13 0.00	24.62 -0.17 0.00	23.56 -0.21 0.00	23.27 -0.28 0.00	23.71 -0.31 0.00	26.77 -0.30 0.00	33.15 -0.40 0.00	38.86 -0.91 0.00	33.53 -0.48 0.00	29.49 -0.30 0.00	30.00 0.03 0.00	28.33 0.06 0.00	27.79 0.14 0.00	27.92 0.25 0.00	29.00 0.37 0.00	31.08 0.40 0.00	39.86 0.20 0.00	46.17 0.36 0.00	42.47 0.34 0.00	37.93 0.27 0.00	34.87 0.52 0.00	34.37 0.57 0.00	31.16 0.58 0.00	30.18 0.56 0.00
CHAT_HIGH_FALL_HYD 323578	26.96 -0.05 0.00	24.69 -0.10 0.00	23.63 -0.14 0.00	23.36 -0.19 0.00	23.78 -0.24 0.00	26.85 -0.22 0.00	33.25 -0.30 0.00	38.94 -0.84 0.00	33.63 -0.37 0.00	29.58 -0.21 0.00	30.06 0.09 0.00	28.38 0.11 0.00	27.81 0.17 0.00	27.95 0.28 0.00	29.03 0.40 0.00	31.14 0.46 0.00	39.90 0.24 0.00	46.22 0.41 0.00	42.52 0.38 0.00	37.97 0.30 0.00	34.91 0.55 0.00	34.41 0.61 0.00	31.19 0.61 0.00	30.18 0.56 0.00
CHAUTAUQUA___LFGE 323629	26.58 -0.43 0.00	24.22 -0.57 0.00	23.06 -0.71 0.00	22.79 -0.75 0.00	23.33 -0.70 0.00	26.23 -0.84 0.00	32.75 -0.81 0.00	38.34 -1.43 0.00	33.42 -0.58 0.00	29.64 -0.15 0.00	29.88 -0.09 0.00	28.18 -0.08 0.00	27.84 0.19 0.00	27.89 0.22 0.00	28.46 -0.17 0.00	30.53 -0.15 0.00	40.09 0.44 0.00	45.63 -0.18 0.00	42.35 0.21 0.00	37.67 0.00 0.00	34.32 -0.03 0.00	33.53 -0.27 0.00	30.76 0.18 0.00	29.77 0.15 0.00
CHERRYST_13_KV_LD 356241	28.34 1.32 0.00	26.01 1.21 0.00	24.98 1.21 0.00	24.84 1.30 0.00	25.25 1.23 0.00	28.42 1.35 0.00	35.53 1.98 0.00	43.08 3.30 0.00	36.49 2.48 0.00	31.90 2.11 0.00	31.89 1.92 0.00	30.05 1.78 0.00	29.31 1.66 0.00	29.30 1.63 0.00	30.35 1.72 0.00	32.52 1.84 0.00	42.51 2.86 0.00	49.56 3.76 0.00	45.00 2.87 0.00	40.34 2.67 0.00	36.59 2.23 0.00	35.69 1.89 0.00	32.17 1.59 0.00	31.25 1.63 0.00



CHESTROR_138KV_BK263 355645	27.96 0.95 0.00	25.66 0.87 0.00	24.63 0.86 0.00	24.44 0.89 0.00	24.89 0.86 0.00	28.04 0.97 0.00	34.96 1.41 0.00	42.12 2.35 0.00	35.70 1.70 0.00	31.16 1.37 0.00	31.23 1.26 0.00	29.43 1.16 0.00	28.73 1.08 0.00	28.66 1.00 0.00	29.69 1.06 0.00	31.85 1.17 0.00	41.56 1.90 0.00	48.46 2.66 0.00	44.12 1.98 0.00	39.47 1.81 0.00	35.90 1.55 0.00	35.08 1.28 0.00	31.62 1.04 0.00	30.69 1.07 0.00
CH_MIDHUDSON___DRP 24192	28.15 1.13 0.00	25.86 1.07 0.00	24.82 1.05 0.00	24.63 1.08 0.00	25.11 1.08 0.00	28.26 1.19 0.00	35.23 1.68 0.00	42.48 2.70 0.00	35.97 1.97 0.00	31.34 1.55 0.00	31.41 1.44 0.00	29.60 1.33 0.00	28.89 1.24 0.00	28.91 1.25 0.00	29.95 1.32 0.00	32.12 1.44 0.00	41.92 2.26 0.00	48.92 3.11 0.00	44.54 2.40 0.00	39.85 2.18 0.00	36.25 1.89 0.00	35.39 1.59 0.00	31.89 1.31 0.00	30.92 1.30 0.00
CH_MISC_IPPS 23765	28.18 1.16 0.00	25.91 1.12 0.00	24.87 1.09 0.00	24.68 1.13 0.00	25.13 1.11 0.00	28.31 1.25 0.00	35.40 1.84 0.00	42.60 2.82 0.00	35.97 1.97 0.00	31.40 1.61 0.00	31.47 1.50 0.00	29.63 1.36 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.98 1.35 0.00	32.15 1.47 0.00	42.04 2.38 0.00	48.70 2.89 0.00	44.67 2.53 0.00	39.93 2.26 0.00	36.04 1.68 0.00	35.36 1.56 0.00	31.92 1.34 0.00	31.01 1.39 0.00
CH_RES_BVR_FALLS 23983	26.83 -0.19 0.00	24.62 -0.17 0.00	23.56 -0.21 0.00	23.29 -0.26 0.00	23.74 -0.29 0.00	26.77 -0.30 0.00	33.15 -0.40 0.00	39.10 -0.68 0.00	33.63 -0.37 0.00	29.55 -0.24 0.00	29.79 -0.18 0.00	28.10 -0.17 0.00	27.48 -0.16 0.00	27.53 -0.14 0.00	28.55 -0.09 0.00	30.56 -0.12 0.00	39.26 -0.40 0.00	45.39 -0.41 0.00	41.76 -0.38 0.00	37.33 -0.34 0.00	34.19 -0.17 0.00	33.70 -0.10 0.00	30.52 -0.06 0.00	29.53 -0.09 0.00
CH_RES_NIAGARA 23895	25.21 -1.81 0.00	22.98 -1.81 0.00	21.89 -1.88 0.00	21.62 -1.93 0.00	22.25 -1.78 0.00	24.82 -2.25 0.00	30.70 -2.85 0.00	35.84 -3.94 0.00	31.39 -2.62 0.00	27.88 -1.91 0.00	28.08 -1.89 0.00	26.46 -1.81 0.00	26.18 -1.47 0.00	26.23 -1.44 0.00	26.71 -1.92 0.00	28.63 -2.06 0.00	37.51 -2.14 0.00	42.51 -3.30 0.00	39.49 -2.65 0.00	35.14 -2.52 0.00	32.13 -2.23 0.00	31.40 -2.40 0.00	28.78 -1.80 0.00	27.90 -1.72 0.00
CH_RES_SYRACUSE 23985	26.99 -0.03 0.00	24.72 -0.07 0.00	23.65 -0.12 0.00	23.43 -0.12 0.00	23.93 -0.10 0.00	26.96 -0.11 0.00	33.35 -0.20 0.00	39.58 -0.20 0.00	33.73 -0.27 0.00	29.52 -0.27 0.00	29.67 -0.30 0.00	27.99 -0.28 0.00	27.40 -0.25 0.00	27.39 -0.28 0.00	28.29 -0.34 0.00	30.34 -0.34 0.00	39.54 -0.12 0.00	45.67 -0.14 0.00	42.10 -0.04 0.00	37.59 -0.08 0.00	34.19 -0.17 0.00	33.50 -0.30 0.00	30.33 -0.25 0.00	29.32 -0.30 0.00
CLINTON_WT_PWR 323605	26.88 -0.13 0.00	24.62 -0.17 0.00	23.56 -0.21 0.00	23.27 -0.28 0.00	23.71 -0.31 0.00	26.77 -0.30 0.00	33.15 -0.40 0.00	38.86 -0.91 0.00	33.53 -0.48 0.00	29.49 -0.30 0.00	30.00 0.03 0.00	28.33 0.06 0.00	27.79 0.14 0.00	27.92 0.25 0.00	29.00 0.37 0.00	31.08 0.40 0.00	39.86 0.20 0.00	46.17 0.36 0.00	42.47 0.34 0.00	37.93 0.27 0.00	34.87 0.52 0.00	34.37 0.57 0.00	31.16 0.58 0.00	30.18 0.56 0.00
CLINTON___LFGE 323618	27.21 0.19 0.00	24.89 0.10 0.00	23.84 0.07 0.00	23.55 0.00 0.00	24.00 -0.02 0.00	27.12 0.05 0.00	33.65 0.10 0.00	39.42 -0.36 0.00	34.00 0.00 0.00	29.91 0.12 0.00	30.54 0.57 0.00	28.80 0.54 0.00	28.25 0.61 0.00	28.36 0.69 0.00	29.46 0.83 0.00	31.57 0.89 0.00	40.57 0.91 0.00	47.05 1.24 0.00	43.28 1.14 0.00	38.64 0.98 0.00	35.49 1.13 0.00	34.95 1.15 0.00	31.65 1.07 0.00	30.66 1.04 0.00
COBBLENY_34_KV_TB1 80064	26.48 -0.54 0.00	24.20 -0.60 0.00	23.01 -0.76 0.00	22.72 -0.82 0.00	23.28 -0.74 0.00	26.17 -0.89 0.00	32.65 -0.91 0.00	37.75 -2.03 0.00	33.02 -0.99 0.00	29.16 -0.63 0.00	29.40 -0.57 0.00	27.73 -0.54 0.00	27.07 -0.58 0.00	27.17 -0.50 0.00	27.97 -0.66 0.00	29.91 -0.77 0.00	39.18 -0.48 0.00	44.89 -0.92 0.00	41.25 -0.88 0.00	36.65 -1.02 0.00	33.57 -0.79 0.00	32.92 -0.88 0.00	29.94 -0.64 0.00	29.26 -0.36 0.00
COFFEEN___115KV_TB3 355620	26.69 -0.32 0.00	24.40 -0.40 0.00	23.34 -0.43 0.00	23.08 -0.47 0.00	23.57 -0.46 0.00	26.80 -0.27 0.00	33.39 -0.17 0.00	39.77 0.00 0.00	33.70 -0.31 0.00	29.43 -0.36 0.00	29.49 -0.48 0.00	27.65 -0.62 0.00	26.98 -0.66 0.00	27.06 -0.61 0.00	28.12 -0.52 0.00	30.50 -0.18 0.00	39.97 0.32 0.00	46.45 0.64 0.00	42.73 0.59 0.00	38.16 0.49 0.00	34.70 0.34 0.00	33.87 0.07 0.00	30.46 -0.12 0.00	29.29 -0.33 0.00
COLDSPRG_115KV_BK1 355956	27.40 0.38 0.00	24.97 0.17 0.00	23.72 -0.05 0.00	23.45 -0.09 0.00	24.02 0.00 0.00	27.10 0.03 0.00	33.99 0.44 0.00	39.46 -0.32 0.00	34.44 0.44 0.00	30.35 0.57 0.00	30.60 0.63 0.00	28.89 0.62 0.00	28.20 0.55 0.00	28.31 0.64 0.00	29.12 0.49 0.00	31.11 0.43 0.00	40.85 1.19 0.00	47.00 1.19 0.00	43.07 0.93 0.00	38.31 0.64 0.00	35.08 0.72 0.00	34.34 0.54 0.00	31.25 0.67 0.00	30.51 0.89 0.00
COLONIE_LFGE___ 323577	27.72 0.70 0.00	25.46 0.67 0.00	24.46 0.69 0.00	24.25 0.71 0.00	24.77 0.75 0.00	27.91 0.84 0.00	34.83 1.27 0.00	41.72 1.95 0.00	35.33 1.32 0.00	30.65 0.86 0.00	30.81 0.84 0.00	29.06 0.79 0.00	28.42 0.77 0.00	28.47 0.80 0.00	29.58 0.94 0.00	31.69 1.01 0.00	41.16 1.51 0.00	47.64 1.83 0.00	43.83 1.69 0.00	39.13 1.47 0.00	35.53 1.17 0.00	34.88 1.08 0.00	31.43 0.86 0.00	30.54 0.92 0.00
COOPERNY_115KV_TB1 80082	27.75 0.73 0.00	25.46 0.67 0.00	24.41 0.64 0.00	24.23 0.68 0.00	24.70 0.67 0.00	27.83 0.76 0.00	34.63 1.07 0.00	41.60 1.83 0.00	35.29 1.29 0.00	30.89 1.10 0.00	30.99 1.02 0.00	29.20 0.93 0.00	28.48 0.83 0.00	28.42 0.75 0.00	29.43 0.80 0.00	31.57 0.89 0.00	41.12 1.47 0.00	47.87 2.06 0.00	43.70 1.56 0.00	39.10 1.43 0.00	35.59 1.24 0.00	34.81 1.01 0.00	31.41 0.83 0.00	30.48 0.86 0.00
COPENHAGEN_WT_PWR 323753	26.53 -0.49 0.00	24.25 -0.55 0.00	23.20 -0.57 0.00	22.96 -0.59 0.00	23.42 -0.60 0.00	26.61 -0.46 0.00	33.05 -0.50 0.00	39.38 -0.40 0.00	33.42 -0.58 0.00	29.22 -0.57 0.00	29.28 -0.69 0.00	27.51 -0.76 0.00	26.87 -0.77 0.00	26.92 -0.75 0.00	27.94 -0.69 0.00	30.25 -0.43 0.00	39.58 -0.08 0.00	45.85 0.05 0.00	42.27 0.13 0.00	37.74 0.08 0.00	34.29 -0.07 0.00	33.50 -0.30 0.00	30.18 -0.40 0.00	29.06 -0.56 0.00
CORNELL_____ 23752	27.75 0.73 0.00	25.39 0.60 0.00	24.29 0.52 0.00	24.06 0.52 0.00	24.58 0.55 0.00	27.77 0.70 0.00	34.53 0.97 0.00	40.93 1.15 0.00	34.89 0.88 0.00	30.44 0.66 0.00	30.57 0.60 0.00	28.78 0.51 0.00	28.09 0.44 0.00	28.14 0.47 0.00	29.09 0.46 0.00	31.33 0.64 0.00	40.96 1.31 0.00	47.55 1.74 0.00	43.61 1.47 0.00	38.95 1.28 0.00	35.53 1.17 0.00	34.71 0.91 0.00	31.34 0.76 0.00	30.33 0.71 0.00



CORONA V_69_KV_TB1 355595	36.14 1.81 -7.31	31.05 1.66 -4.60	25.29 1.52 0.00	25.10 1.55 0.00	25.59 1.56 0.00	28.83 1.76 0.00	37.53 2.55 -1.42	43.63 3.86 0.00	39.08 2.99 -2.09	32.17 2.38 0.00	35.40 2.31 -3.12	32.46 2.18 -2.01	29.53 1.88 0.00	29.58 1.91 0.00	30.69 2.06 0.00	35.31 2.30 -2.33	45.60 3.45 -2.50	60.62 4.40 -10.41	53.44 3.54 -7.76	50.43 3.31 -9.45	44.78 2.89 -7.54	39.79 2.53 -3.45	35.86 2.14 -3.14	33.56 2.13 -1.81
CORTLAND_115KV_TB3 80093	27.48 0.46 0.00	25.16 0.37 0.00	24.08 0.31 0.00	23.85 0.31 0.00	24.36 0.34 0.00	27.50 0.43 0.00	34.19 0.64 0.00	40.53 0.76 0.00	34.58 0.58 0.00	30.18 0.39 0.00	30.33 0.36 0.00	28.58 0.31 0.00	27.92 0.28 0.00	27.95 0.28 0.00	28.89 0.26 0.00	31.05 0.37 0.00	40.53 0.87 0.00	47.00 1.19 0.00	43.07 0.93 0.00	38.46 0.79 0.00	35.11 0.76 0.00	34.34 0.54 0.00	30.98 0.40 0.00	30.00 0.39 0.00
COXSACKIE__GT 23611	28.56 1.54 0.00	26.23 1.44 0.00	25.25 1.47 0.00	25.03 1.48 0.00	25.61 1.59 0.00	28.77 1.71 0.00	35.94 2.38 0.00	42.68 2.90 0.00	36.11 2.11 0.00	30.98 1.19 0.00	30.93 0.96 0.00	29.12 0.85 0.00	28.45 0.80 0.00	28.61 0.94 0.00	29.72 1.09 0.00	32.03 1.35 0.00	42.04 2.38 0.00	48.88 3.07 0.00	45.09 2.95 0.00	40.23 2.56 0.00	36.45 2.10 0.00	35.66 1.86 0.00	32.08 1.50 0.00	31.10 1.48 0.00
CPV_VALLEY__CC1 323721	27.67 0.65 0.00	25.41 0.62 0.00	24.39 0.62 0.00	24.21 0.66 0.00	24.67 0.65 0.00	27.75 0.68 0.00	34.69 1.14 0.00	41.72 1.95 0.00	35.26 1.26 0.00	30.95 1.16 0.00	31.05 1.08 0.00	29.26 0.99 0.00	28.51 0.86 0.00	28.42 0.75 0.00	29.46 0.83 0.00	31.57 0.89 0.00	41.16 1.51 0.00	47.64 1.83 0.00	43.70 1.56 0.00	39.10 1.43 0.00	35.32 0.96 0.00	34.68 0.88 0.00	31.37 0.79 0.00	30.45 0.83 0.00
CPV_VALLEY__CC2 323722	27.67 0.65 0.00	25.41 0.62 0.00	24.39 0.62 0.00	24.21 0.66 0.00	24.67 0.65 0.00	27.75 0.68 0.00	34.69 1.14 0.00	41.72 1.95 0.00	35.26 1.26 0.00	30.95 1.16 0.00	31.05 1.08 0.00	29.26 0.99 0.00	28.51 0.86 0.00	28.42 0.75 0.00	29.46 0.83 0.00	31.57 0.89 0.00	41.16 1.51 0.00	47.64 1.83 0.00	43.70 1.56 0.00	39.10 1.43 0.00	35.32 0.96 0.00	34.68 0.88 0.00	31.37 0.79 0.00	30.45 0.83 0.00
CRESCENT__HYD 24018	27.72 0.70 0.00	25.46 0.67 0.00	24.46 0.69 0.00	24.25 0.71 0.00	24.77 0.75 0.00	27.91 0.84 0.00	34.83 1.27 0.00	41.72 1.95 0.00	35.33 1.32 0.00	30.65 0.86 0.00	30.81 0.84 0.00	29.06 0.79 0.00	28.42 0.77 0.00	28.47 0.80 0.00	29.58 0.94 0.00	31.69 1.01 0.00	41.16 1.51 0.00	47.64 1.83 0.00	43.83 1.69 0.00	39.13 1.47 0.00	35.53 1.17 0.00	34.88 1.08 0.00	31.43 0.86 0.00	30.54 0.92 0.00
CRICKET__VALLEY_CC1 323756	27.80 0.78 0.00	25.56 0.77 0.00	24.56 0.78 0.00	24.35 0.80 0.00	24.84 0.82 0.00	27.96 0.89 0.00	34.90 1.34 0.00	42.12 2.35 0.00	35.46 1.46 0.00	30.89 1.10 0.00	31.11 1.14 0.00	29.32 1.05 0.00	28.61 0.97 0.00	28.64 0.97 0.00	29.75 1.12 0.00	31.91 1.23 0.00	41.40 1.74 0.00	47.92 2.11 0.00	43.95 1.81 0.00	39.32 1.66 0.00	35.53 1.17 0.00	34.95 1.15 0.00	31.62 1.04 0.00	30.68 1.06 0.00
CRICKET__VALLEY_CC2 323757	27.80 0.78 0.00	25.56 0.77 0.00	24.56 0.78 0.00	24.35 0.80 0.00	24.84 0.82 0.00	27.96 0.89 0.00	34.90 1.34 0.00	42.12 2.35 0.00	35.46 1.46 0.00	30.89 1.10 0.00	31.11 1.14 0.00	29.32 1.05 0.00	28.61 0.97 0.00	28.64 0.97 0.00	29.75 1.12 0.00	31.91 1.23 0.00	41.40 1.74 0.00	47.92 2.11 0.00	43.95 1.81 0.00	39.32 1.66 0.00	35.53 1.17 0.00	34.95 1.15 0.00	31.62 1.04 0.00	30.68 1.06 0.00
CRICKET__VALLEY_CC3 323758	27.80 0.78 0.00	25.56 0.77 0.00	24.56 0.78 0.00	24.35 0.80 0.00	24.84 0.82 0.00	27.96 0.89 0.00	34.90 1.34 0.00	42.12 2.35 0.00	35.46 1.46 0.00	30.89 1.10 0.00	31.11 1.14 0.00	29.32 1.05 0.00	28.61 0.97 0.00	28.64 0.97 0.00	29.75 1.12 0.00	31.91 1.23 0.00	41.40 1.74 0.00	47.92 2.11 0.00	43.95 1.81 0.00	39.32 1.66 0.00	35.53 1.17 0.00	34.95 1.15 0.00	31.62 1.04 0.00	30.68 1.06 0.00
CRUCIBLE_METL_DRP 24180	26.94 -0.08 0.00	24.67 -0.12 0.00	23.63 -0.14 0.00	23.38 -0.16 0.00	23.88 -0.14 0.00	26.93 -0.14 0.00	33.35 -0.20 0.00	39.50 -0.28 0.00	33.73 -0.27 0.00	29.49 -0.30 0.00	29.64 -0.33 0.00	27.96 -0.31 0.00	27.32 -0.33 0.00	27.34 -0.33 0.00	28.26 -0.37 0.00	30.31 -0.37 0.00	39.46 -0.20 0.00	45.72 -0.09 0.00	41.97 -0.17 0.00	37.48 -0.19 0.00	34.22 -0.14 0.00	33.53 -0.27 0.00	30.27 -0.31 0.00	29.29 -0.33 0.00
DAHOWA__HYDRO 323763	28.15 1.13 0.00	25.86 1.07 0.00	24.84 1.07 0.00	24.63 1.08 0.00	25.15 1.13 0.00	28.37 1.30 0.00	35.50 1.95 0.00	42.48 2.71 0.00	35.91 1.90 0.00	31.07 1.28 0.00	31.20 1.23 0.00	29.37 1.10 0.00	28.72 1.08 0.00	28.78 1.11 0.00	29.89 1.26 0.00	31.82 1.14 0.00	41.52 1.86 0.00	48.10 2.29 0.00	44.25 2.11 0.00	39.44 1.77 0.00	35.87 1.51 0.00	35.08 1.28 0.00	31.59 1.01 0.00	31.01 1.39 0.00
DANC__LFGE 323619	26.45 -0.57 0.00	24.20 -0.60 0.00	23.18 -0.59 0.00	22.93 -0.61 0.00	23.42 -0.60 0.00	26.50 -0.57 0.00	32.88 -0.67 0.00	39.10 -0.68 0.00	33.25 -0.75 0.00	29.07 -0.72 0.00	29.19 -0.78 0.00	27.45 -0.82 0.00	26.82 -0.83 0.00	26.87 -0.80 0.00	27.83 -0.80 0.00	30.04 -0.65 0.00	39.22 -0.44 0.00	45.39 -0.41 0.00	41.85 -0.29 0.00	37.36 -0.30 0.00	33.98 -0.38 0.00	33.23 -0.57 0.00	29.97 -0.61 0.00	28.88 -0.74 0.00
DANSKAMMER__1 23586	28.18 1.16 0.00	25.91 1.12 0.00	24.87 1.09 0.00	24.68 1.13 0.00	25.13 1.11 0.00	28.31 1.25 0.00	35.40 1.84 0.00	42.60 2.82 0.00	35.97 1.97 0.00	31.40 1.61 0.00	31.47 1.50 0.00	29.63 1.36 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.98 1.35 0.00	32.15 1.47 0.00	42.04 2.38 0.00	48.70 2.89 0.00	44.67 2.53 0.00	39.93 2.26 0.00	36.04 1.68 0.00	35.36 1.56 0.00	31.92 1.34 0.00	31.01 1.39 0.00
DANSKAMMER__2 23589	28.18 1.16 0.00	25.91 1.12 0.00	24.87 1.09 0.00	24.68 1.13 0.00	25.13 1.11 0.00	28.31 1.25 0.00	35.40 1.84 0.00	42.60 2.82 0.00	35.97 1.97 0.00	31.40 1.61 0.00	31.47 1.50 0.00	29.63 1.36 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.98 1.35 0.00	32.15 1.47 0.00	42.04 2.38 0.00	48.70 2.89 0.00	44.67 2.53 0.00	39.93 2.26 0.00	36.04 1.68 0.00	35.36 1.56 0.00	31.92 1.34 0.00	31.01 1.39 0.00
DANSKAMMER__3 23590	28.18 1.16 0.00	25.91 1.12 0.00	24.87 1.09 0.00	24.68 1.13 0.00	25.13 1.11 0.00	28.31 1.25 0.00	35.40 1.84 0.00	42.60 2.82 0.00	35.97 1.97 0.00	31.40 1.61 0.00	31.47 1.50 0.00	29.63 1.36 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.98 1.35 0.00	32.15 1.47 0.00	42.04 2.38 0.00	48.70 2.89 0.00	44.67 2.53 0.00	39.93 2.26 0.00	36.04 1.68 0.00	35.36 1.56 0.00	31.92 1.34 0.00	31.01 1.39 0.00



DANSKAMMER___4 23591	28.18 1.16 0.00	25.91 1.12 0.00	24.87 1.09 0.00	24.68 1.13 0.00	25.13 1.11 0.00	28.31 1.25 0.00	35.40 1.84 0.00	42.60 2.82 0.00	35.97 1.97 0.00	31.40 1.61 0.00	31.47 1.50 0.00	29.63 1.36 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.98 1.35 0.00	32.15 1.47 0.00	42.04 2.38 0.00	48.70 2.89 0.00	44.67 2.53 0.00	39.93 2.26 0.00	36.04 1.68 0.00	35.36 1.56 0.00	31.92 1.34 0.00	31.01 1.39 0.00
DANSKAMMER___DIESEL 23592	28.29 1.27 0.00	25.98 1.19 0.00	24.94 1.16 0.00	24.75 1.20 0.00	25.20 1.18 0.00	28.39 1.33 0.00	35.40 1.85 0.00	42.68 2.90 0.00	36.14 2.14 0.00	31.49 1.70 0.00	31.53 1.56 0.00	29.68 1.41 0.00	28.95 1.30 0.00	28.97 1.30 0.00	30.01 1.37 0.00	32.22 1.53 0.00	42.07 2.42 0.00	49.15 3.34 0.00	44.75 2.61 0.00	40.04 2.37 0.00	36.39 2.03 0.00	35.52 1.72 0.00	31.99 1.41 0.00	31.04 1.42 0.00
DARBY___SOLAR 323810	28.10 1.08 0.00	25.81 1.02 0.00	24.79 1.02 0.00	24.58 1.03 0.00	25.11 1.08 0.00	28.29 1.22 0.00	35.40 1.84 0.00	42.36 2.58 0.00	35.84 1.83 0.00	31.04 1.25 0.00	31.20 1.23 0.00	29.37 1.10 0.00	28.70 1.05 0.00	28.78 1.11 0.00	29.89 1.26 0.00	31.85 1.17 0.00	41.48 1.83 0.00	48.10 2.29 0.00	44.20 2.06 0.00	39.44 1.77 0.00	35.83 1.48 0.00	35.08 1.28 0.00	31.59 1.01 0.00	30.95 1.33 0.00
DASHVILLE___HYD 23610	27.99 0.97 0.00	25.71 0.92 0.00	24.65 0.88 0.00	24.47 0.92 0.00	24.94 0.91 0.00	28.07 1.00 0.00	34.96 1.41 0.00	42.08 2.31 0.00	35.60 1.60 0.00	31.04 1.25 0.00	31.08 1.11 0.00	29.29 1.02 0.00	28.56 0.91 0.00	28.55 0.89 0.00	29.61 0.97 0.00	31.76 1.07 0.00	41.48 1.82 0.00	48.42 2.61 0.00	44.08 1.94 0.00	39.44 1.77 0.00	35.84 1.48 0.00	35.05 1.25 0.00	31.62 1.04 0.00	30.69 1.07 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	37.23 2.86 -7.35	32.04 2.65 -4.60	25.70 1.93 0.00	25.50 1.95 0.00	26.02 1.99 0.00	29.26 2.19 0.00	38.26 3.29 -1.42	44.59 4.81 0.00	39.83 3.74 -2.09	32.53 2.74 0.00	36.54 3.45 -3.12	33.42 3.14 -2.01	29.72 2.07 0.00	29.80 2.13 0.00	31.07 2.43 0.00	35.86 2.85 -2.33	46.56 4.40 -2.50	61.95 5.73 -10.41	54.62 4.72 -7.76	51.37 4.26 -9.45	45.61 3.71 -7.54	40.66 3.41 -3.45	36.53 2.81 -3.14	34.33 2.90 -1.81
DELAWARE___LFGE 323621	27.96 0.95 0.00	25.64 0.84 0.00	24.58 0.81 0.00	24.35 0.80 0.00	24.87 0.84 0.00	28.07 1.00 0.00	34.93 1.38 0.00	41.76 1.99 0.00	35.50 1.50 0.00	30.95 1.16 0.00	31.08 1.11 0.00	29.26 0.99 0.00	28.56 0.91 0.00	28.58 0.91 0.00	29.61 0.97 0.00	31.82 1.14 0.00	41.52 1.86 0.00	48.19 2.38 0.00	44.12 1.98 0.00	39.44 1.77 0.00	35.94 1.58 0.00	35.15 1.35 0.00	31.71 1.13 0.00	30.71 1.10 0.00
DERFIELD_115KV_TB7 355931	27.15 0.14 0.00	24.92 0.12 0.00	23.89 0.12 0.00	23.66 0.12 0.00	24.14 0.12 0.00	27.20 0.14 0.00	33.79 0.23 0.00	40.25 0.48 0.00	34.31 0.31 0.00	29.97 0.18 0.00	30.15 0.18 0.00	28.41 0.14 0.00	27.79 0.14 0.00	27.81 0.14 0.00	28.78 0.14 0.00	30.90 0.21 0.00	40.05 0.40 0.00	46.36 0.55 0.00	42.56 0.42 0.00	38.04 0.38 0.00	34.70 0.34 0.00	34.04 0.24 0.00	30.73 0.15 0.00	29.77 0.15 0.00
DOGLEVILLE___HYD 23807	27.48 0.46 0.00	25.19 0.40 0.00	24.15 0.38 0.00	23.92 0.38 0.00	24.41 0.38 0.00	27.58 0.51 0.00	34.29 0.74 0.00	40.89 1.11 0.00	34.85 0.85 0.00	30.47 0.69 0.00	30.66 0.69 0.00	28.86 0.59 0.00	28.20 0.55 0.00	28.22 0.55 0.00	29.20 0.57 0.00	31.39 0.71 0.00	40.73 1.07 0.00	47.00 1.19 0.00	43.23 1.09 0.00	38.68 1.02 0.00	35.18 0.82 0.00	34.54 0.74 0.00	31.22 0.64 0.00	30.21 0.59 0.00
DUNKIRK___115KV_TB_200 55889	26.53 -0.49 0.00	24.22 -0.57 0.00	23.03 -0.74 0.00	22.75 -0.80 0.00	23.30 -0.72 0.00	26.20 -0.87 0.00	32.75 -0.81 0.00	37.90 -1.87 0.00	33.19 -0.82 0.00	29.31 -0.48 0.00	29.55 -0.42 0.00	27.90 -0.37 0.00	27.26 -0.39 0.00	27.39 -0.28 0.00	28.20 -0.43 0.00	30.13 -0.55 0.00	39.50 -0.16 0.00	45.26 -0.55 0.00	41.55 -0.59 0.00	36.95 -0.72 0.00	33.88 -0.48 0.00	33.23 -0.57 0.00	30.21 -0.37 0.00	29.53 -0.09 0.00
DUNKIRK___1 23563	26.53 -0.49 0.00	24.22 -0.57 0.00	23.03 -0.74 0.00	22.75 -0.80 0.00	23.30 -0.72 0.00	26.20 -0.87 0.00	32.75 -0.81 0.00	37.90 -1.87 0.00	33.19 -0.82 0.00	29.31 -0.48 0.00	29.55 -0.42 0.00	27.90 -0.37 0.00	27.26 -0.39 0.00	27.39 -0.28 0.00	28.20 -0.43 0.00	30.13 -0.55 0.00	39.50 -0.16 0.00	45.26 -0.55 0.00	41.55 -0.59 0.00	36.95 -0.72 0.00	33.88 -0.48 0.00	33.23 -0.57 0.00	30.21 -0.37 0.00	29.53 -0.09 0.00
DUNKIRK___2 23564	26.53 -0.49 0.00	24.22 -0.57 0.00	23.03 -0.74 0.00	22.75 -0.80 0.00	23.30 -0.72 0.00	26.20 -0.87 0.00	32.75 -0.81 0.00	37.90 -1.87 0.00	33.19 -0.82 0.00	29.31 -0.48 0.00	29.55 -0.42 0.00	27.90 -0.37 0.00	27.26 -0.39 0.00	27.39 -0.28 0.00	28.20 -0.43 0.00	30.13 -0.55 0.00	39.50 -0.16 0.00	45.26 -0.55 0.00	41.55 -0.59 0.00	36.95 -0.72 0.00	33.88 -0.48 0.00	33.23 -0.57 0.00	30.21 -0.37 0.00	29.53 -0.09 0.00
DUNKIRK___3 23565	26.50 -0.51 0.00	24.20 -0.60 0.00	23.03 -0.74 0.00	22.75 -0.80 0.00	23.28 -0.74 0.00	26.17 -0.89 0.00	32.71 -0.84 0.00	37.83 -1.95 0.00	33.08 -0.92 0.00	29.19 -0.60 0.00	29.46 -0.51 0.00	27.79 -0.48 0.00	27.15 -0.50 0.00	27.25 -0.42 0.00	28.06 -0.57 0.00	29.95 -0.74 0.00	39.26 -0.40 0.00	45.03 -0.78 0.00	41.34 -0.80 0.00	36.72 -0.94 0.00	33.67 -0.69 0.00	33.02 -0.78 0.00	30.06 -0.52 0.00	29.38 -0.24 0.00
DUNKIRK___4 23566	26.48 -0.54 0.00	24.17 -0.62 0.00	22.99 -0.78 0.00	22.70 -0.85 0.00	23.26 -0.77 0.00	26.15 -0.92 0.00	32.68 -0.87 0.00	37.79 -1.99 0.00	33.08 -0.92 0.00	29.22 -0.57 0.00	29.46 -0.51 0.00	27.82 -0.45 0.00	27.18 -0.47 0.00	27.28 -0.39 0.00	28.09 -0.54 0.00	30.01 -0.67 0.00	39.34 -0.32 0.00	45.08 -0.73 0.00	41.38 -0.76 0.00	36.80 -0.87 0.00	33.74 -0.62 0.00	33.09 -0.71 0.00	30.09 -0.49 0.00	29.41 -0.21 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	28.23 1.22 0.00	25.93 1.14 0.00	24.89 1.12 0.00	24.72 1.18 0.00	25.15 1.13 0.00	28.34 1.27 0.00	35.40 1.85 0.00	42.84 3.06 0.00	36.25 2.24 0.00	31.66 1.88 0.00	31.71 1.74 0.00	29.88 1.61 0.00	29.14 1.49 0.00	29.14 1.47 0.00	30.18 1.55 0.00	32.34 1.66 0.00	42.23 2.58 0.00	49.29 3.48 0.00	44.79 2.65 0.00	40.15 2.49 0.00	36.45 2.10 0.00	35.59 1.79 0.00	32.05 1.47 0.00	31.10 1.48 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	28.10 1.08 0.00	25.78 0.99 0.00	24.75 0.97 0.00	24.56 1.01 0.00	25.03 1.01 0.00	28.18 1.11 0.00	35.13 1.58 0.00	42.36 2.59 0.00	35.87 1.87 0.00	31.31 1.52 0.00	31.38 1.41 0.00	29.54 1.27 0.00	28.81 1.16 0.00	28.78 1.11 0.00	29.83 1.20 0.00	31.97 1.29 0.00	41.76 2.10 0.00	48.74 2.93 0.00	44.37 2.23 0.00	39.70 2.03 0.00	36.11 1.75 0.00	35.25 1.45 0.00	31.77 1.19 0.00	30.83 1.21 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	28.50 1.49 0.00	26.11 1.31 0.00	25.20 1.43 0.00	25.01 1.46 -0.01	25.42 1.39 0.00	28.37 1.30 0.00	35.20 1.64 0.00	42.64 2.86 0.00	36.11 2.11 0.00	31.60 1.82 0.00	31.59 1.62 0.00	29.79 1.53 0.00	29.03 1.38 0.00	29.02 1.36 0.00	30.06 1.43 0.00	32.22 1.53 0.00	42.07 2.42 0.00	49.11 3.30 0.00	44.58 2.44 0.00	39.96 2.30 0.00	36.25 1.89 0.00	35.39 1.59 0.00	32.02 1.44 0.00	31.25 1.63 0.00
E179THST_13_KV_LOAD 356214	28.61 1.59 0.00	26.21 1.41 0.00	25.29 1.52 0.00	25.11 1.55 -0.01	25.49 1.47 0.00	28.48 1.41 0.00	35.33 1.78 0.00	42.80 3.02 0.00	36.28 2.28 0.00	31.75 1.97 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.14 1.49 0.00	29.14 1.47 0.00	30.18 1.55 0.00	32.37 1.69 0.00	42.27 2.62 0.00	49.38 3.57 0.00	44.79 2.65 0.00	40.15 2.49 0.00	36.39 2.03 0.00	35.52 1.72 0.00	32.14 1.56 0.00	31.37 1.75 0.00
EAST HAMPTON___GT 23717	37.40 3.03 -7.35	32.19 2.80 -4.60	25.91 2.14 0.00	25.74 2.19 0.00	26.26 2.23 0.00	29.51 2.44 0.00	38.67 3.69 -1.42	44.87 5.09 0.00	40.10 4.01 -2.09	32.83 3.04 0.00	36.84 3.75 -3.12	33.67 3.39 -2.01	29.91 2.27 0.00	30.02 2.35 0.00	31.32 2.69 0.00	36.20 3.19 -2.33	47.03 4.88 -2.50	62.09 5.86 -10.41	55.16 5.27 -7.76	51.83 4.71 -9.45	45.78 3.88 -7.54	40.97 3.72 -3.45	36.90 3.18 -3.14	34.66 3.23 -1.81
EAST RIVER___6 23660	28.07 1.05 0.00	25.81 1.02 0.00	24.79 1.02 0.00	24.63 1.08 0.00	25.03 1.01 0.00	28.20 1.14 0.00	35.40 1.84 0.00	42.88 3.10 0.00	36.21 2.21 0.00	31.75 1.97 0.00	31.77 1.80 0.00	29.94 1.67 0.00	29.14 1.49 0.00	29.13 1.47 0.00	30.23 1.60 0.00	32.40 1.72 0.00	42.39 2.73 0.00	49.01 3.21 0.00	44.84 2.70 0.00	40.15 2.49 0.00	36.14 1.79 0.00	35.42 1.62 0.00	32.02 1.44 0.00	31.10 1.48 0.00
EAST RIVER___7 23524	28.07 1.05 0.00	25.81 1.02 0.00	24.79 1.02 0.00	24.63 1.08 0.00	25.03 1.01 0.00	28.20 1.14 0.00	35.40 1.84 0.00	42.88 3.10 0.00	36.21 2.21 0.00	31.75 1.97 0.00	31.77 1.80 0.00	29.94 1.67 0.00	29.14 1.49 0.00	29.13 1.47 0.00	30.23 1.60 0.00	32.40 1.72 0.00	42.39 2.73 0.00	49.01 3.21 0.00	44.84 2.70 0.00	40.15 2.49 0.00	36.14 1.79 0.00	35.42 1.62 0.00	32.02 1.44 0.00	31.10 1.48 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	28.18 1.16 0.00	25.88 1.09 0.00	24.87 1.09 0.00	24.68 1.13 0.00	25.13 1.11 0.00	28.29 1.22 0.00	35.30 1.74 0.00	42.72 2.94 0.00	36.18 2.18 0.00	31.58 1.79 0.00	31.65 1.68 0.00	29.79 1.53 0.00	29.06 1.41 0.00	29.05 1.38 0.00	30.09 1.46 0.00	32.28 1.60 0.00	42.11 2.46 0.00	49.15 3.34 0.00	44.71 2.57 0.00	40.04 2.37 0.00	36.39 2.03 0.00	35.49 1.69 0.00	31.99 1.41 0.00	31.04 1.42 0.00
EAST_HAMPTON___DIESEL 23722	37.40 3.03 -7.35	32.19 2.80 -4.60	25.93 2.16 0.00	25.74 2.19 0.00	26.26 2.23 0.00	29.51 2.44 0.00	38.70 3.72 -1.42	44.87 5.09 0.00	40.10 4.01 -2.09	32.86 3.07 0.00	36.87 3.78 -3.12	33.67 3.39 -2.01	29.91 2.27 0.00	30.02 2.35 0.00	31.32 2.69 0.00	36.20 3.19 -2.33	47.03 4.88 -2.50	62.13 5.91 -10.41	55.16 5.27 -7.76	51.86 4.75 -9.45	45.78 3.88 -7.54	40.97 3.72 -3.45	36.90 3.18 -3.14	34.66 3.23 -1.81
EAST_PULASKI___ESR 323781	26.45 -0.57 0.00	24.22 -0.57 0.00	23.20 -0.57 0.00	22.96 -0.59 0.00	23.47 -0.55 0.00	26.50 -0.57 0.00	32.81 -0.74 0.00	38.94 -0.84 0.00	33.19 -0.82 0.00	29.01 -0.77 0.00	29.16 -0.81 0.00	27.48 -0.79 0.00	26.85 -0.80 0.00	26.87 -0.80 0.00	27.80 -0.83 0.00	29.91 -0.77 0.00	38.98 -0.67 0.00	45.17 -0.64 0.00	41.51 -0.63 0.00	37.06 -0.60 0.00	33.77 -0.58 0.00	33.06 -0.74 0.00	29.82 -0.76 0.00	28.82 -0.80 0.00
EAST_RIVER___1 323558	28.13 1.11 0.00	25.83 1.04 0.00	24.82 1.04 0.00	24.68 1.13 0.00	25.08 1.06 0.00	28.23 1.16 0.00	35.43 1.88 0.00	42.84 3.06 0.00	36.18 2.18 0.00	31.72 1.94 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.11 1.46 0.00	29.11 1.44 0.00	30.18 1.55 0.00	32.37 1.69 0.00	42.31 2.66 0.00	48.88 3.07 0.00	44.75 2.61 0.00	40.11 2.45 0.00	36.11 1.75 0.00	35.42 1.62 0.00	32.02 1.44 0.00	31.10 1.48 0.00
EAST_RIVER___2 323559	28.07 1.05 0.00	25.81 1.02 0.00	24.79 1.02 0.00	24.63 1.08 0.00	25.03 1.01 0.00	28.20 1.14 0.00	35.40 1.84 0.00	42.88 3.10 0.00	36.21 2.21 0.00	31.75 1.97 0.00	31.77 1.80 0.00	29.94 1.67 0.00	29.14 1.49 0.00	29.13 1.47 0.00	30.23 1.60 0.00	32.40 1.72 0.00	42.39 2.73 0.00	49.01 3.21 0.00	44.84 2.70 0.00	40.15 2.49 0.00	36.14 1.79 0.00	35.42 1.62 0.00	32.02 1.44 0.00	31.10 1.48 0.00
EAST___DELAWARE_HYD 23607	28.40 1.38 0.00	26.06 1.26 0.00	24.98 1.21 0.00	24.79 1.25 0.00	25.27 1.25 0.00	28.50 1.43 0.00	35.60 2.05 0.00	42.76 2.98 0.00	36.08 2.07 0.00	31.51 1.73 0.00	31.53 1.56 0.00	29.65 1.38 0.00	28.86 1.22 0.00	28.80 1.13 0.00	29.92 1.29 0.00	32.15 1.47 0.00	42.16 2.50 0.00	48.92 3.12 0.00	44.92 2.78 0.00	40.15 2.49 0.00	36.25 1.89 0.00	35.52 1.72 0.00	32.14 1.56 0.00	31.16 1.54 0.00
EIGHT_POINT___WT_PWR 323820	27.26 0.24 0.00	24.84 0.05 0.00	23.65 -0.12 0.00	23.38 -0.16 0.00	23.95 -0.07 0.00	27.01 -0.05 0.00	33.69 0.13 0.00	39.58 -0.20 0.00	34.17 0.17 0.00	30.20 0.42 0.00	30.39 0.42 0.00	28.61 0.34 0.00	28.17 0.52 0.00	28.25 0.58 0.00	28.95 0.32 0.00	31.14 0.46 0.00	40.92 1.27 0.00	46.86 1.05 0.00	43.40 1.26 0.00	38.64 0.98 0.00	35.15 0.79 0.00	34.31 0.51 0.00	31.31 0.73 0.00	30.30 0.68 0.00
ELBRIDGE_115KV_TB2 80188	26.80 -0.22 0.00	24.54 -0.25 0.00	23.51 -0.26 0.00	23.29 -0.26 0.00	23.78 -0.24 0.00	26.80 -0.27 0.00	33.22 -0.34 0.00	39.30 -0.48 0.00	33.59 -0.41 0.00	29.37 -0.42 0.00	29.52 -0.45 0.00	27.84 -0.42 0.00	27.20 -0.44 0.00	27.25 -0.42 0.00	28.15 -0.49 0.00	30.19 -0.49 0.00	39.30 -0.36 0.00	45.53 -0.27 0.00	41.80 -0.34 0.00	37.33 -0.34 0.00	34.08 -0.27 0.00	33.36 -0.44 0.00	30.12 -0.46 0.00	29.17 -0.44 0.00
ELEC_TRO_TEK 24086	35.98 1.65 -7.31	30.90 1.51 -4.60	25.15 1.38 0.00	24.98 1.44 0.00	25.44 1.42 0.00	28.67 1.60 0.00	37.33 2.35 -1.42	43.39 3.62 0.00	38.88 2.79 -2.09	32.02 2.23 0.00	35.28 2.19 -3.12	32.31 2.04 -2.01	29.39 1.74 0.00	29.44 1.77 0.00	30.55 1.92 0.00	35.16 2.15 -2.33	45.37 3.21 -2.50	60.43 4.21 -10.41	53.23 3.33 -7.76	50.17 3.05 -9.45	44.54 2.65 -7.54	39.55 2.30 -3.45	35.67 1.96 -3.14	33.38 1.95 -1.81
ELLENBURG_WT_PWR 323604	26.88 -0.13 0.00	24.62 -0.17 0.00	23.56 -0.21 0.00	23.27 -0.28 0.00	23.71 -0.31 0.00	26.77 -0.30 0.00	33.15 -0.40 0.00	38.86 -0.91 0.00	33.53 -0.48 0.00	29.49 -0.30 0.00	30.00 0.03 0.00	28.33 0.06 0.00	27.79 0.14 0.00	27.92 0.25 0.00	29.00 0.37 0.00	31.08 0.40 0.00	39.86 0.20 0.00	46.17 0.36 0.00	42.47 0.34 0.00	37.93 0.27 0.00	34.87 0.52 0.00	34.37 0.57 0.00	31.16 0.58 0.00	30.18 0.56 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	26.07 -0.95 0.00	23.85 -0.94 0.00	22.70 -1.07 0.00	22.39 -1.15 0.00	22.94 -1.08 0.00	25.77 -1.30 0.00	32.41 -1.14 0.00	37.43 -2.35 0.00	32.81 -1.19 0.00	28.98 -0.80 0.00	29.22 -0.75 0.00	27.56 -0.71 0.00	26.93 -0.72 0.00	27.03 -0.64 0.00	27.83 -0.80 0.00	29.76 -0.92 0.00	38.98 -0.67 0.00	44.57 -1.24 0.00	40.54 -1.60 0.00	36.05 -1.62 0.00	33.02 -1.34 0.00	32.41 -1.39 0.00	29.51 -1.07 0.00	28.85 -0.77 0.00
EMPIRE_CC_1 323656	27.40 0.38 0.00	25.19 0.40 0.00	24.22 0.45 0.00	24.02 0.47 0.00	24.50 0.48 0.00	27.58 0.51 0.00	34.26 0.71 0.00	41.17 1.39 0.00	34.79 0.78 0.00	30.29 0.51 0.00	30.45 0.48 0.00	28.78 0.51 0.00	28.15 0.50 0.00	28.22 0.55 0.00	29.29 0.66 0.00	31.29 0.61 0.00	40.61 0.95 0.00	46.95 1.15 0.00	43.19 1.05 0.00	38.61 0.94 0.00	35.01 0.65 0.00	34.41 0.61 0.00	31.07 0.49 0.00	30.21 0.59 0.00
EMPIRE_CC_2 323658	27.40 0.38 0.00	25.19 0.40 0.00	24.22 0.45 0.00	24.02 0.47 0.00	24.50 0.48 0.00	27.58 0.51 0.00	34.26 0.71 0.00	41.17 1.39 0.00	34.79 0.78 0.00	30.29 0.51 0.00	30.45 0.48 0.00	28.78 0.51 0.00	28.15 0.50 0.00	28.22 0.55 0.00	29.29 0.66 0.00	31.29 0.61 0.00	40.61 0.95 0.00	46.95 1.15 0.00	43.19 1.05 0.00	38.61 0.94 0.00	35.01 0.65 0.00	34.41 0.61 0.00	31.07 0.49 0.00	30.21 0.59 0.00
ENORWICH_115KV_TB1 80156	29.67 2.65 0.00	27.15 2.36 0.00	25.91 2.14 0.00	25.69 2.14 0.00	26.28 2.26 0.00	29.91 2.84 0.00	37.34 3.79 0.00	44.59 4.81 0.00	37.64 3.64 0.00	32.50 2.71 0.00	32.55 2.58 0.00	30.61 2.35 0.00	29.75 2.10 0.00	29.91 2.24 0.00	31.07 2.43 0.00	33.69 3.01 0.00	44.53 4.88 0.00	51.76 5.96 0.00	47.58 5.44 0.00	42.45 4.78 0.00	38.62 4.26 0.00	37.65 3.85 0.00	33.91 3.33 0.00	32.76 3.14 0.00
ERIE_ST__34_KV_TB1-2 80199	26.80 -0.22 0.00	24.50 -0.30 0.00	23.32 -0.45 0.00	22.98 -0.57 0.00	23.57 -0.46 0.00	26.50 -0.57 0.00	33.05 -0.50 0.00	38.22 -1.55 0.00	33.42 -0.58 0.00	29.49 -0.30 0.00	29.73 -0.24 0.00	28.04 -0.23 0.00	27.40 -0.25 0.00	27.50 -0.17 0.00	28.32 -0.31 0.00	30.22 -0.46 0.00	39.62 -0.04 0.00	45.44 -0.37 0.00	41.72 -0.42 0.00	37.06 -0.60 0.00	33.95 -0.41 0.00	33.29 -0.51 0.00	30.27 -0.31 0.00	29.62 0.00 0.00
ERIE_WT_PWR 323693	26.42 -0.59 0.00	24.12 -0.67 0.00	22.96 -0.81 0.00	22.68 -0.87 0.00	23.23 -0.79 0.00	26.09 -0.97 0.00	32.45 -1.11 0.00	37.98 -1.79 0.00	33.12 -0.88 0.00	29.34 -0.45 0.00	29.55 -0.42 0.00	27.85 -0.42 0.00	27.51 -0.14 0.00	27.56 -0.11 0.00	28.12 -0.51 0.00	30.13 -0.55 0.00	39.54 -0.12 0.00	44.94 -0.87 0.00	41.72 -0.42 0.00	37.10 -0.56 0.00	33.84 -0.51 0.00	33.06 -0.74 0.00	30.30 -0.28 0.00	29.35 -0.27 0.00
ESPRGFLD_115KV_TB1 80157	28.34 1.32 0.00	25.98 1.19 0.00	24.89 1.12 0.00	24.68 1.13 0.00	25.20 1.18 0.00	28.53 1.46 0.00	35.70 2.15 0.00	42.56 2.78 0.00	36.11 2.11 0.00	31.37 1.58 0.00	31.47 1.50 0.00	29.60 1.33 0.00	28.89 1.24 0.00	28.91 1.25 0.00	30.01 1.37 0.00	32.37 1.69 0.00	42.43 2.78 0.00	49.38 3.57 0.00	45.26 3.12 0.00	40.38 2.71 0.00	36.80 2.44 0.00	35.86 2.06 0.00	32.26 1.68 0.00	31.22 1.60 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	27.69 0.68 0.00	25.36 0.57 0.00	24.27 0.50 0.00	24.04 0.49 0.00	24.55 0.53 0.00	27.74 0.68 0.00	34.49 0.94 0.00	40.89 1.11 0.00	34.85 0.85 0.00	30.41 0.63 0.00	30.51 0.54 0.00	28.75 0.48 0.00	28.06 0.41 0.00	28.11 0.44 0.00	29.06 0.43 0.00	31.26 0.58 0.00	40.89 1.23 0.00	47.46 1.65 0.00	43.53 1.39 0.00	38.87 1.21 0.00	35.46 1.10 0.00	34.68 0.88 0.00	31.28 0.70 0.00	30.30 0.68 0.00
ETNA____115KV_TB2 80207	27.69 0.68 0.00	25.36 0.57 0.00	24.27 0.50 0.00	24.04 0.49 0.00	24.55 0.53 0.00	27.74 0.68 0.00	34.49 0.94 0.00	40.89 1.11 0.00	34.85 0.85 0.00	30.41 0.63 0.00	30.51 0.54 0.00	28.75 0.48 0.00	28.06 0.41 0.00	28.11 0.44 0.00	29.06 0.43 0.00	31.26 0.58 0.00	40.89 1.23 0.00	47.46 1.65 0.00	43.53 1.39 0.00	38.87 1.21 0.00	35.46 1.10 0.00	34.68 0.88 0.00	31.28 0.70 0.00	30.30 0.68 0.00
EUCLID__115KV_TB2 356179	26.59 -0.43 0.00	24.37 -0.42 0.00	23.34 -0.43 0.00	23.12 -0.42 0.00	23.62 -0.41 0.00	26.64 -0.43 0.00	32.95 -0.60 0.00	38.98 -0.80 0.00	33.32 -0.68 0.00	29.13 -0.66 0.00	29.31 -0.66 0.00	27.67 -0.59 0.00	27.04 -0.61 0.00	27.09 -0.58 0.00	27.97 -0.66 0.00	29.98 -0.71 0.00	38.98 -0.67 0.00	45.12 -0.69 0.00	41.42 -0.72 0.00	36.99 -0.68 0.00	33.77 -0.58 0.00	33.09 -0.71 0.00	29.88 -0.70 0.00	28.94 -0.68 0.00
E_CANADA_CAP_HY 24051	28.26 1.24 0.00	25.93 1.14 0.00	24.87 1.09 0.00	24.65 1.11 0.00	25.20 1.18 0.00	28.50 1.43 0.00	35.77 2.21 0.00	42.64 2.87 0.00	36.11 2.11 0.00	31.28 1.49 0.00	31.38 1.41 0.00	29.46 1.19 0.00	28.84 1.19 0.00	28.83 1.16 0.00	29.98 1.35 0.00	32.37 1.69 0.00	42.47 2.82 0.00	49.34 3.53 0.00	45.38 3.24 0.00	40.38 2.71 0.00	36.70 2.34 0.00	35.79 1.99 0.00	32.20 1.62 0.00	31.16 1.54 0.00
E_CANADA_MHWK_HY 24050	27.48 0.46 0.00	25.19 0.40 0.00	24.15 0.38 0.00	23.92 0.38 0.00	24.41 0.38 0.00	27.58 0.51 0.00	34.29 0.74 0.00	40.89 1.11 0.00	34.85 0.85 0.00	30.47 0.69 0.00	30.66 0.69 0.00	28.86 0.59 0.00	28.20 0.55 0.00	28.22 0.55 0.00	29.20 0.57 0.00	31.39 0.71 0.00	40.73 1.07 0.00	47.00 1.19 0.00	43.23 1.09 0.00	38.68 1.02 0.00	35.18 0.82 0.00	34.54 0.74 0.00	31.22 0.64 0.00	30.21 0.59 0.00
E_FISHKILL__LBMP 23776	28.04 1.03 0.00	25.76 0.97 0.00	24.72 0.95 0.00	24.54 0.99 0.00	24.99 0.96 0.00	28.15 1.08 0.00	35.10 1.54 0.00	42.40 2.63 0.00	35.91 1.90 0.00	31.31 1.52 0.00	31.41 1.44 0.00	29.60 1.33 0.00	28.89 1.24 0.00	28.89 1.22 0.00	29.92 1.29 0.00	32.06 1.38 0.00	41.80 2.14 0.00	48.79 2.98 0.00	44.37 2.23 0.00	39.74 2.07 0.00	36.14 1.79 0.00	35.29 1.49 0.00	31.80 1.22 0.00	30.86 1.24 0.00
FALCON__SEABRD_CC1 323796	26.96 -0.05 0.00	24.69 -0.10 0.00	23.63 -0.14 0.00	23.36 -0.19 0.00	23.78 -0.24 0.00	26.88 -0.19 0.00	33.28 -0.27 0.00	39.02 -0.76 0.00	33.66 -0.34 0.00	29.61 -0.18 0.00	30.42 0.45 0.00	28.72 0.45 0.00	28.17 0.52 0.00	28.31 0.64 0.00	29.38 0.74 0.00	31.51 0.83 0.00	40.49 0.83 0.00	46.91 1.10 0.00	43.15 1.01 0.00	38.53 0.87 0.00	35.39 1.03 0.00	34.88 1.08 0.00	31.62 1.04 0.00	30.59 0.98 0.00
FALCON__SEABRD_CC2 323797	26.96 -0.05 0.00	24.69 -0.10 0.00	23.63 -0.14 0.00	23.36 -0.19 0.00	23.78 -0.24 0.00	26.88 -0.19 0.00	33.28 -0.27 0.00	39.02 -0.76 0.00	33.66 -0.34 0.00	29.61 -0.18 0.00	30.42 0.45 0.00	28.72 0.45 0.00	28.17 0.52 0.00	28.31 0.64 0.00	29.38 0.74 0.00	31.51 0.83 0.00	40.49 0.83 0.00	46.91 1.10 0.00	43.15 1.01 0.00	38.53 0.87 0.00	35.39 1.03 0.00	34.88 1.08 0.00	31.62 1.04 0.00	30.59 0.98 0.00



FAR ROCKAWAY___4 23548	36.36 2.03 -7.31	31.25 1.86 -4.60	25.48 1.71 0.00	25.29 1.74 0.00	25.78 1.75 0.00	29.04 1.98 0.00	37.83 2.85 -1.42	43.99 4.22 0.00	39.39 3.30 -2.09	32.44 2.65 0.00	35.67 2.58 -3.12	32.65 2.37 -2.01	29.75 2.10 0.00	29.80 2.13 0.00	30.92 2.29 0.00	35.56 2.55 -2.33	45.96 3.81 -2.50	60.76 4.53 -10.41	53.56 3.67 -7.76	50.81 3.69 -9.45	45.13 3.23 -7.54	40.12 2.87 -3.45	36.13 2.42 -3.14	33.80 2.37 -1.81
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	28.29 1.27 0.00	25.98 1.19 0.00	24.96 1.19 0.00	24.79 1.25 0.00	25.20 1.18 0.00	28.37 1.30 0.00	35.43 1.88 0.00	42.96 3.18 0.00	36.35 2.35 0.00	31.81 2.03 0.00	31.80 1.83 0.00	29.96 1.70 0.00	29.20 1.55 0.00	29.19 1.52 0.00	30.24 1.60 0.00	32.43 1.75 0.00	42.35 2.70 0.00	49.38 3.57 0.00	44.88 2.74 0.00	40.23 2.56 0.00	36.49 2.13 0.00	35.63 1.83 0.00	32.11 1.53 0.00	31.19 1.57 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	28.29 1.27 0.00	25.98 1.19 0.00	24.96 1.19 0.00	24.79 1.25 0.00	25.20 1.18 0.00	28.37 1.30 0.00	35.43 1.88 0.00	42.96 3.18 0.00	36.35 2.35 0.00	31.81 2.03 0.00	31.80 1.83 0.00	29.96 1.70 0.00	29.20 1.55 0.00	29.19 1.52 0.00	30.24 1.60 0.00	32.43 1.75 0.00	42.35 2.70 0.00	49.43 3.62 0.00	44.88 2.74 0.00	40.23 2.56 0.00	36.49 2.13 0.00	35.63 1.83 0.00	32.11 1.53 0.00	31.19 1.57 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	28.26 1.24 0.00	25.96 1.17 0.00	24.94 1.16 0.00	24.77 1.22 0.00	25.20 1.18 0.00	28.34 1.27 0.00	35.43 1.88 0.00	42.92 3.14 0.00	36.35 2.35 0.00	31.78 2.00 0.00	31.77 1.80 0.00	29.94 1.67 0.00	29.20 1.55 0.00	29.19 1.52 0.00	30.24 1.60 0.00	32.40 1.72 0.00	42.35 2.70 0.00	49.38 3.57 0.00	44.84 2.70 0.00	40.19 2.52 0.00	36.49 2.13 0.00	35.59 1.79 0.00	32.08 1.50 0.00	31.16 1.54 0.00
FARRAGUT___LBMP 323566	28.26 1.24 0.00	25.93 1.14 0.00	24.91 1.14 0.00	24.77 1.22 0.00	25.18 1.15 0.00	28.31 1.25 0.00	35.40 1.85 0.00	42.88 3.10 0.00	36.31 2.31 0.00	31.75 1.97 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.40 1.72 0.00	42.31 2.66 0.00	49.34 3.53 0.00	44.79 2.65 0.00	40.19 2.52 0.00	36.45 2.10 0.00	35.56 1.76 0.00	32.05 1.47 0.00	31.16 1.54 0.00
FENNER___WINDPWR 24204	27.69 0.68 0.00	25.36 0.57 0.00	24.29 0.52 0.00	24.06 0.52 0.00	24.58 0.55 0.00	27.77 0.70 0.00	34.53 0.97 0.00	41.05 1.27 0.00	34.92 0.92 0.00	30.53 0.75 0.00	30.69 0.72 0.00	28.89 0.62 0.00	28.23 0.58 0.00	28.25 0.58 0.00	29.20 0.57 0.00	31.45 0.77 0.00	41.04 1.39 0.00	47.32 1.51 0.00	43.57 1.43 0.00	38.91 1.24 0.00	35.39 1.03 0.00	34.65 0.85 0.00	31.31 0.73 0.00	30.27 0.65 0.00
FIBERTEK___ENERGY 23856	26.94 -0.08 0.00	24.67 -0.12 0.00	23.63 -0.14 0.00	23.38 -0.16 0.00	23.88 -0.14 0.00	26.93 -0.14 0.00	33.35 -0.20 0.00	39.50 -0.28 0.00	33.73 -0.27 0.00	29.49 -0.30 0.00	29.64 -0.33 0.00	27.96 -0.31 0.00	27.32 -0.33 0.00	27.34 -0.33 0.00	28.26 -0.37 0.00	30.31 -0.37 0.00	39.46 -0.20 0.00	45.72 -0.09 0.00	41.97 -0.17 0.00	37.48 -0.19 0.00	34.22 -0.14 0.00	33.53 -0.27 0.00	30.27 -0.31 0.00	29.29 -0.33 0.00
FITZPATRICK___ 23598	26.29 -0.73 0.00	24.10 -0.69 0.00	23.08 -0.69 0.00	22.86 -0.68 0.00	23.35 -0.67 0.00	26.31 -0.76 0.00	32.41 -1.14 0.00	38.42 -1.35 0.00	32.81 -1.19 0.00	28.74 -1.04 0.00	28.92 -1.05 0.00	27.28 -0.99 0.00	26.74 -0.91 0.00	26.73 -0.94 0.00	27.60 -1.03 0.00	29.61 -1.07 0.00	38.43 -1.23 0.00	44.34 -1.47 0.00	40.83 -1.31 0.00	36.50 -1.17 0.00	33.23 -1.13 0.00	32.62 -1.18 0.00	29.51 -1.07 0.00	28.55 -1.07 0.00
FLOWRFLD_69_KV_BK1 356044	36.59 2.22 -7.36	31.45 2.06 -4.60	25.44 1.66 0.00	25.24 1.70 0.00	25.73 1.71 0.00	28.99 1.92 0.00	37.83 2.85 -1.42	43.99 4.22 0.00	39.39 3.30 -2.09	32.23 2.44 0.00	35.79 2.70 -3.12	32.77 2.49 -2.01	29.58 1.94 0.00	29.66 1.99 0.00	30.89 2.26 0.00	35.59 2.58 -2.33	46.04 3.89 -2.50	61.17 4.95 -10.41	53.90 4.00 -7.76	50.77 3.65 -9.45	45.06 3.16 -7.54	40.09 2.84 -3.45	36.13 2.42 -3.14	33.89 2.46 -1.81
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	28.34 1.32 0.00	26.03 1.24 0.00	24.96 1.19 0.00	24.77 1.22 0.00	25.25 1.23 0.00	28.45 1.38 0.00	35.47 1.91 0.00	42.76 2.98 0.00	36.21 2.21 0.00	31.55 1.76 0.00	31.56 1.59 0.00	29.74 1.47 0.00	29.00 1.35 0.00	29.00 1.33 0.00	30.06 1.43 0.00	32.25 1.56 0.00	42.15 2.50 0.00	49.24 3.44 0.00	44.84 2.70 0.00	40.11 2.45 0.00	36.45 2.10 0.00	35.59 1.79 0.00	32.05 1.47 0.00	31.07 1.45 0.00
FORT ORANGE___ 23900	27.40 0.38 0.00	25.19 0.40 0.00	24.25 0.48 0.00	24.04 0.50 0.00	24.55 0.53 0.00	27.56 0.49 0.00	34.36 0.80 0.00	41.13 1.35 0.00	34.82 0.81 0.00	30.26 0.48 0.00	30.36 0.39 0.00	28.66 0.40 0.00	28.03 0.39 0.00	28.11 0.44 0.00	29.12 0.49 0.00	31.26 0.58 0.00	40.69 1.03 0.00	47.09 1.28 0.00	43.32 1.18 0.00	38.68 1.02 0.00	35.11 0.75 0.00	34.44 0.64 0.00	31.07 0.49 0.00	30.12 0.50 0.00
FORT_DRUM_COGEN 23780	26.50 -0.51 0.00	24.22 -0.57 0.00	23.18 -0.59 0.00	22.93 -0.61 0.00	23.40 -0.62 0.00	26.58 -0.49 0.00	33.12 -0.44 0.00	39.42 -0.36 0.00	33.46 -0.54 0.00	29.25 -0.54 0.00	29.31 -0.66 0.00	27.51 -0.76 0.00	26.87 -0.77 0.00	26.95 -0.72 0.00	27.97 -0.66 0.00	30.28 -0.40 0.00	39.62 -0.04 0.00	45.99 0.18 0.00	42.31 0.17 0.00	37.78 0.11 0.00	34.36 0.00 0.00	33.56 -0.24 0.00	30.24 -0.34 0.00	29.12 -0.50 0.00
FOX_HILLS___ESR 323835	28.72 1.70 0.00	26.33 1.54 0.00	25.34 1.57 0.00	25.18 1.62 -0.01	25.59 1.56 0.00	28.72 1.65 0.00	35.60 2.05 0.00	42.84 3.06 0.00	36.14 2.14 0.00	31.66 1.88 0.00	31.53 1.56 0.00	29.68 1.41 0.00	28.92 1.27 0.00	28.91 1.25 0.00	29.98 1.35 0.00	32.18 1.50 0.00	42.31 2.66 0.00	49.52 3.71 0.00	44.97 2.82 -0.01	40.30 2.64 0.00	36.39 2.03 0.00	35.63 1.83 0.00	32.38 1.80 0.00	31.57 1.95 0.00
FPL_FAR_ROCK_GT1 24212	36.22 1.89 -7.31	31.15 1.76 -4.60	25.41 1.64 0.00	25.24 1.70 0.00	25.71 1.68 0.00	28.96 1.89 0.00	37.83 2.85 -1.42	43.83 4.06 0.00	39.22 3.13 -2.09	32.35 2.56 0.00	35.64 2.55 -3.12	32.62 2.34 -2.01	29.66 2.02 0.00	29.72 2.05 0.00	30.89 2.26 0.00	35.53 2.52 -2.33	45.92 3.77 -2.50	60.25 4.03 -10.41	53.48 3.58 -7.76	50.74 3.62 -9.46	44.75 2.85 -7.55	39.96 2.71 -3.45	36.10 2.39 -3.14	33.74 2.31 -1.81
FPL_FAR_ROCK_GT2 23815	36.22 1.89 -7.31	31.15 1.76 -4.60	25.41 1.64 0.00	25.24 1.70 0.00	25.71 1.68 0.00	28.96 1.89 0.00	37.83 2.85 -1.42	43.83 4.06 0.00	39.22 3.13 -2.09	32.35 2.56 0.00	35.64 2.55 -3.12	32.62 2.34 -2.01	29.66 2.02 0.00	29.72 2.05 0.00	30.89 2.26 0.00	35.53 2.52 -2.33	45.92 3.77 -2.50	60.25 4.03 -10.41	53.48 3.58 -7.76	50.74 3.62 -9.46	44.75 2.85 -7.55	39.96 2.71 -3.45	36.10 2.39 -3.14	33.74 2.31 -1.81



FRANKLIN_FALL_HYD 24054	27.10 0.08 0.00	24.82 0.02 0.00	23.75 -0.02 0.00	23.48 -0.07 0.00	23.93 -0.10 0.00	27.04 -0.03 0.00	33.45 -0.10 0.00	39.22 -0.56 0.00	33.76 -0.24 0.00	29.82 0.03 0.00	30.21 0.24 0.00	28.52 0.25 0.00	27.95 0.30 0.00	28.06 0.39 0.00	29.15 0.52 0.00	31.20 0.52 0.00	40.01 0.36 0.00	45.99 0.18 0.00	42.69 0.55 0.00	38.12 0.45 0.00	34.77 0.41 0.00	34.37 0.57 0.00	31.28 0.70 0.00	30.27 0.65 0.00
FREEPORT_EQUS_GT1 23764	36.08 1.76 -7.31	31.05 1.66 -4.60	25.29 1.52 0.00	25.12 1.58 0.00	25.58 1.56 0.00	28.83 1.76 0.00	37.63 2.65 -1.42	43.55 3.78 0.00	38.98 2.89 -2.09	32.17 2.38 0.00	35.49 2.40 -3.12	32.48 2.21 -2.01	29.47 1.82 0.00	29.55 1.88 0.00	30.72 2.09 0.00	35.37 2.36 -2.33	45.68 3.53 -2.50	60.43 4.21 -10.41	53.61 3.71 -7.76	50.47 3.35 -9.45	44.55 2.65 -7.54	39.75 2.50 -3.45	35.92 2.20 -3.14	33.59 2.16 -1.81
FREEPORT___CT2 23818	36.08 1.76 -7.31	31.05 1.66 -4.60	25.29 1.52 0.00	25.12 1.58 0.00	25.58 1.56 0.00	28.83 1.76 0.00	37.63 2.65 -1.42	43.55 3.78 0.00	38.98 2.89 -2.09	32.17 2.38 0.00	35.49 2.40 -3.12	32.48 2.21 -2.01	29.47 1.82 0.00	29.55 1.88 0.00	30.72 2.09 0.00	35.37 2.36 -2.33	45.68 3.53 -2.50	60.43 4.21 -10.41	53.61 3.71 -7.76	50.47 3.35 -9.45	44.55 2.65 -7.54	39.75 2.50 -3.45	35.92 2.20 -3.14	33.59 2.16 -1.81
FRESHKLS_33_KV_LOAD 356253	28.69 1.68 0.00	26.33 1.54 0.00	25.34 1.57 0.00	25.18 1.62 -0.01	25.59 1.56 0.00	28.72 1.65 0.00	35.60 2.05 0.00	42.80 3.02 0.00	36.11 2.11 0.00	31.63 1.85 0.00	31.47 1.50 0.00	29.63 1.36 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.92 1.29 0.00	32.12 1.44 0.00	42.27 2.62 0.00	49.47 3.66 0.00	44.93 2.78 -0.01	40.27 2.60 0.00	36.35 1.99 0.00	35.63 1.83 0.00	32.41 1.83 0.00	31.57 1.95 0.00
FULTON COGEN____ 23766	26.50 -0.51 0.00	24.30 -0.50 0.00	23.27 -0.50 0.00	23.05 -0.49 0.00	23.54 -0.48 0.00	26.55 -0.51 0.00	32.81 -0.74 0.00	38.90 -0.88 0.00	33.22 -0.78 0.00	29.01 -0.77 0.00	29.19 -0.78 0.00	27.53 -0.73 0.00	26.90 -0.75 0.00	26.92 -0.75 0.00	27.83 -0.80 0.00	29.88 -0.80 0.00	38.86 -0.79 0.00	45.03 -0.78 0.00	41.34 -0.80 0.00	36.91 -0.75 0.00	33.67 -0.69 0.00	32.99 -0.81 0.00	29.78 -0.80 0.00	28.82 -0.80 0.00
FULTON___LFGE 323630	29.67 2.65 0.00	27.22 2.43 0.00	26.13 2.35 0.00	25.90 2.35 0.00	26.52 2.50 0.00	29.99 2.92 0.00	37.78 4.23 0.00	44.79 5.01 0.00	37.78 3.77 0.00	32.47 2.68 0.00	32.52 2.55 0.00	30.45 2.18 0.00	29.89 2.24 0.00	29.85 2.19 0.00	31.09 2.46 0.00	33.84 3.16 0.00	44.61 4.96 0.00	52.04 6.23 0.00	47.83 5.69 0.00	42.37 4.71 0.00	38.55 4.19 0.00	37.48 3.68 0.00	33.64 3.06 0.00	32.61 2.99 0.00
G.F.CEMENT___DRP 24184	28.45 1.43 0.00	26.11 1.31 0.00	25.06 1.28 0.00	24.84 1.30 0.00	25.44 1.42 0.00	28.64 1.57 0.00	35.90 2.35 0.00	42.92 3.14 0.00	36.38 2.38 0.00	31.40 1.61 0.00	31.53 1.56 0.00	29.63 1.36 0.00	29.03 1.38 0.00	29.05 1.38 0.00	30.18 1.55 0.00	32.58 1.90 0.00	42.63 2.97 0.00	49.75 3.94 0.00	45.51 3.37 0.00	40.49 2.82 0.00	37.04 2.68 0.00	36.03 2.23 0.00	32.32 1.74 0.00	31.28 1.66 0.00
GARDENVILLE___LBMP 24039	26.23 -0.78 0.00	24.00 -0.79 0.00	22.82 -0.95 0.00	22.51 -1.04 0.00	23.06 -0.96 0.00	25.93 -1.14 0.00	32.31 -1.24 0.00	37.31 -2.47 0.00	32.68 -1.33 0.00	28.89 -0.89 0.00	29.13 -0.84 0.00	27.48 -0.79 0.00	26.85 -0.80 0.00	26.95 -0.72 0.00	27.74 -0.89 0.00	29.64 -1.04 0.00	38.82 -0.83 0.00	44.43 -1.37 0.00	40.83 -1.31 0.00	36.31 -1.36 0.00	33.26 -1.10 0.00	32.65 -1.15 0.00	29.69 -0.89 0.00	29.03 -0.59 0.00
GARDNVLA_35_KV_LD 355827	26.40 -0.62 0.00	24.15 -0.64 0.00	22.96 -0.81 0.00	22.65 -0.89 0.00	23.21 -0.82 0.00	26.09 -0.97 0.00	32.51 -1.04 0.00	37.59 -2.19 0.00	32.91 -1.09 0.00	29.07 -0.71 0.00	29.31 -0.66 0.00	27.65 -0.62 0.00	27.01 -0.64 0.00	27.14 -0.53 0.00	27.95 -0.69 0.00	29.85 -0.83 0.00	39.10 -0.56 0.00	44.75 -1.05 0.00	41.13 -1.01 0.00	36.54 -1.13 0.00	33.50 -0.86 0.00	32.85 -0.95 0.00	29.88 -0.70 0.00	29.20 -0.41 0.00
GELCKHM___115KV_LOAD 80723	26.72 -0.30 0.00	24.50 -0.30 0.00	23.44 -0.33 0.00	23.22 -0.33 0.00	23.71 -0.31 0.00	26.74 -0.32 0.00	33.08 -0.47 0.00	39.18 -0.60 0.00	33.46 -0.54 0.00	29.25 -0.54 0.00	29.43 -0.54 0.00	27.79 -0.48 0.00	27.15 -0.50 0.00	27.17 -0.50 0.00	28.06 -0.57 0.00	30.10 -0.58 0.00	39.18 -0.48 0.00	45.35 -0.46 0.00	41.63 -0.51 0.00	37.18 -0.49 0.00	33.95 -0.41 0.00	33.26 -0.54 0.00	30.03 -0.55 0.00	29.06 -0.56 0.00
GENERAL___MILLS 23808	26.34 -0.68 0.00	24.10 -0.69 0.00	22.92 -0.86 0.00	22.60 -0.94 0.00	23.16 -0.86 0.00	26.04 -1.03 0.00	32.45 -1.11 0.00	37.51 -2.27 0.00	32.85 -1.16 0.00	29.01 -0.77 0.00	29.25 -0.72 0.00	27.59 -0.68 0.00	26.96 -0.69 0.00	27.06 -0.61 0.00	27.86 -0.77 0.00	29.79 -0.89 0.00	39.02 -0.63 0.00	44.62 -1.19 0.00	41.00 -1.14 0.00	36.46 -1.21 0.00	33.40 -0.96 0.00	32.79 -1.01 0.00	29.82 -0.76 0.00	29.15 -0.47 0.00
GE_PLASTICS___DRP 24183	27.42 0.41 0.00	25.19 0.40 0.00	24.22 0.45 0.00	24.02 0.47 0.00	24.53 0.50 0.00	27.53 0.46 0.00	34.26 0.70 0.00	41.05 1.27 0.00	34.85 0.85 0.00	30.29 0.51 0.00	30.45 0.48 0.00	28.72 0.45 0.00	28.14 0.50 0.00	28.19 0.53 0.00	29.15 0.52 0.00	31.26 0.58 0.00	40.65 0.99 0.00	47.27 1.47 0.00	43.19 1.05 0.00	38.61 0.94 0.00	35.29 0.93 0.00	34.51 0.71 0.00	31.10 0.52 0.00	30.12 0.50 0.00
GILBOA___1 23756	27.53 0.51 0.00	25.29 0.50 0.00	24.27 0.50 0.00	24.06 0.52 0.00	24.55 0.53 0.00	27.64 0.57 0.00	34.42 0.87 0.00	41.20 1.43 0.00	34.95 0.95 0.00	30.53 0.75 0.00	30.66 0.69 0.00	28.92 0.65 0.00	28.25 0.61 0.00	28.28 0.61 0.00	29.29 0.66 0.00	31.42 0.74 0.00	40.84 1.19 0.00	47.14 1.33 0.00	43.32 1.18 0.00	38.80 1.13 0.00	35.18 0.82 0.00	34.54 0.74 0.00	31.22 0.64 0.00	30.27 0.65 0.00
GILBOA___2 23757	27.53 0.51 0.00	25.29 0.50 0.00	24.27 0.50 0.00	24.06 0.52 0.00	24.55 0.53 0.00	27.64 0.57 0.00	34.42 0.87 0.00	41.20 1.43 0.00	34.95 0.95 0.00	30.53 0.75 0.00	30.66 0.69 0.00	28.92 0.65 0.00	28.25 0.61 0.00	28.28 0.61 0.00	29.29 0.66 0.00	31.42 0.74 0.00	40.84 1.19 0.00	47.14 1.33 0.00	43.32 1.18 0.00	38.80 1.13 0.00	35.18 0.82 0.00	34.54 0.74 0.00	31.22 0.64 0.00	30.27 0.65 0.00
GILBOA___3 23758	27.53 0.51 0.00	25.29 0.50 0.00	24.27 0.50 0.00	24.06 0.52 0.00	24.55 0.53 0.00	27.64 0.57 0.00	34.42 0.87 0.00	41.20 1.43 0.00	34.95 0.95 0.00	30.53 0.75 0.00	30.66 0.69 0.00	28.92 0.65 0.00	28.25 0.61 0.00	28.28 0.61 0.00	29.29 0.66 0.00	31.42 0.74 0.00	40.84 1.19 0.00	47.14 1.33 0.00	43.32 1.18 0.00	38.80 1.13 0.00	35.18 0.82 0.00	34.54 0.74 0.00	31.22 0.64 0.00	30.27 0.65 0.00



GILBOA___4 23759	27.53 0.51 0.00	25.29 0.50 0.00	24.27 0.50 0.00	24.06 0.52 0.00	24.55 0.53 0.00	27.64 0.57 0.00	34.42 0.87 0.00	41.20 1.43 0.00	34.95 0.95 0.00	30.53 0.75 0.00	30.66 0.69 0.00	28.92 0.65 0.00	28.25 0.61 0.00	28.28 0.61 0.00	29.29 0.66 0.00	31.42 0.74 0.00	40.84 1.19 0.00	47.14 1.33 0.00	43.32 1.18 0.00	38.80 1.13 0.00	35.18 0.82 0.00	34.54 0.74 0.00	31.22 0.64 0.00	30.27 0.65 0.00
GILBOA____ 23599	27.59 0.57 0.00	25.31 0.52 0.00	24.29 0.52 0.00	24.09 0.54 0.00	24.58 0.55 0.00	27.66 0.60 0.00	34.43 0.87 0.00	41.25 1.47 0.00	35.06 1.05 0.00	30.56 0.77 0.00	30.69 0.72 0.00	28.95 0.68 0.00	28.31 0.66 0.00	28.31 0.64 0.00	29.32 0.69 0.00	31.42 0.74 0.00	40.89 1.23 0.00	47.46 1.65 0.00	43.36 1.22 0.00	38.83 1.17 0.00	35.42 1.07 0.00	34.64 0.84 0.00	31.25 0.67 0.00	30.30 0.68 0.00
GINNA____ 23603	25.32 -1.70 0.00	23.11 -1.69 0.00	22.08 -1.69 0.00	21.85 -1.70 0.00	22.39 -1.63 0.00	25.20 -1.87 0.00	31.31 -2.25 0.00	36.99 -2.79 0.00	31.86 -2.14 0.00	27.97 -1.82 0.00	28.08 -1.89 0.00	26.46 -1.81 0.00	26.02 -1.63 0.00	26.04 -1.63 0.00	26.77 -1.86 0.00	28.78 -1.90 0.00	37.67 -1.98 0.00	43.24 -2.56 0.00	39.99 -2.15 0.00	35.67 -2.00 0.00	32.47 -1.89 0.00	31.74 -2.06 0.00	28.78 -1.80 0.00	27.72 -1.90 0.00
GLEN PARK____ 23778	26.64 -0.38 0.00	24.32 -0.47 0.00	23.27 -0.50 0.00	23.03 -0.52 0.00	23.50 -0.53 0.00	26.72 -0.35 0.00	33.22 -0.34 0.00	39.62 -0.16 0.00	33.60 -0.41 0.00	29.34 -0.45 0.00	29.40 -0.57 0.00	27.56 -0.71 0.00	26.93 -0.72 0.00	26.98 -0.69 0.00	28.03 -0.60 0.00	30.40 -0.28 0.00	39.86 0.20 0.00	46.22 0.41 0.00	42.60 0.46 0.00	38.04 0.38 0.00	34.57 0.21 0.00	33.73 -0.07 0.00	30.37 -0.21 0.00	29.20 -0.41 0.00
GLENDALE_27_KV_LOAD 356172	28.50 1.49 0.00	26.16 1.36 0.00	25.15 1.38 0.00	24.99 1.44 -0.01	25.39 1.37 0.00	28.50 1.43 0.00	35.53 1.98 0.00	43.04 3.26 0.00	36.45 2.45 0.00	31.90 2.11 0.00	31.89 1.92 0.00	30.05 1.78 0.00	29.28 1.63 0.00	29.27 1.60 0.00	30.32 1.69 0.00	32.52 1.84 0.00	42.51 2.86 0.00	49.61 3.80 0.00	45.05 2.91 0.00	40.34 2.67 0.00	36.56 2.20 0.00	35.69 1.89 0.00	32.26 1.68 0.00	31.40 1.78 0.00
GLENWOOD_IC_1_G5 23712	36.11 1.78 -7.31	31.05 1.66 -4.60	25.29 1.52 0.00	25.10 1.55 0.00	25.59 1.56 0.00	28.83 1.76 0.00	37.56 2.58 -1.42	43.67 3.90 0.00	39.12 3.03 -2.09	32.20 2.41 0.00	35.49 2.40 -3.12	32.51 2.23 -2.01	29.58 1.94 0.00	29.61 1.94 0.00	30.75 2.12 0.00	35.34 2.33 -2.33	45.48 3.33 -2.50	60.57 4.35 -10.41	53.39 3.50 -7.76	50.28 3.16 -9.45	44.78 2.89 -7.54	39.79 2.53 -3.45	35.86 2.14 -3.14	33.56 2.13 -1.81
GLENWOOD_IC_2_G1 23688	35.92 1.59 -7.31	30.88 1.49 -4.60	25.17 1.40 0.00	24.98 1.44 0.00	25.47 1.44 0.00	28.66 1.60 0.00	37.42 2.45 -1.42	43.36 3.58 0.00	38.81 2.72 -2.09	32.05 2.26 0.00	35.34 2.25 -3.12	32.34 2.06 -2.01	29.39 1.74 0.00	29.44 1.77 0.00	30.61 1.97 0.00	35.19 2.18 -2.33	45.41 3.25 -2.50	60.02 3.80 -10.41	53.22 3.33 -7.76	50.17 3.05 -9.45	44.24 2.34 -7.54	39.52 2.26 -3.45	35.70 1.99 -3.14	33.41 1.98 -1.81
GLENWOOD_IC_3_G1 23689	35.92 1.59 -7.31	30.88 1.49 -4.60	25.17 1.40 0.00	24.98 1.44 0.00	25.47 1.44 0.00	28.66 1.60 0.00	37.42 2.45 -1.42	43.36 3.58 0.00	38.81 2.72 -2.09	32.05 2.26 0.00	35.34 2.25 -3.12	32.34 2.06 -2.01	29.39 1.74 0.00	29.44 1.77 0.00	30.61 1.97 0.00	35.19 2.18 -2.33	45.41 3.25 -2.50	60.02 3.80 -10.41	53.22 3.33 -7.76	50.17 3.05 -9.45	44.24 2.34 -7.54	39.52 2.26 -3.45	35.70 1.99 -3.14	33.41 1.98 -1.81
GLENWOOD___4 23550	36.11 1.78 -7.31	31.05 1.66 -4.60	25.29 1.52 0.00	25.10 1.55 0.00	25.59 1.56 0.00	28.83 1.76 0.00	37.56 2.58 -1.42	43.67 3.90 0.00	39.12 3.03 -2.09	32.20 2.41 0.00	35.49 2.40 -3.12	32.51 2.23 -2.01	29.58 1.94 0.00	29.61 1.94 0.00	30.75 2.12 0.00	35.34 2.33 -2.33	45.52 3.37 -2.50	60.66 4.44 -10.41	53.44 3.54 -7.76	50.36 3.24 -9.45	44.78 2.89 -7.54	39.79 2.53 -3.45	35.86 2.14 -3.14	33.56 2.13 -1.81
GLENWOOD___5 23614	36.11 1.78 -7.31	31.05 1.66 -4.60	25.29 1.52 0.00	25.10 1.55 0.00	25.59 1.56 0.00	28.83 1.76 0.00	37.56 2.58 -1.42	43.67 3.90 0.00	39.12 3.03 -2.09	32.20 2.41 0.00	35.49 2.40 -3.12	32.51 2.23 -2.01	29.58 1.94 0.00	29.61 1.94 0.00	30.75 2.12 0.00	35.34 2.33 -2.33	45.52 3.37 -2.50	60.66 4.44 -10.41	53.44 3.54 -7.76	50.36 3.24 -9.45	44.78 2.89 -7.54	39.79 2.53 -3.45	35.86 2.14 -3.14	33.56 2.13 -1.81
GLOBAL GREEN_PORT_GT1 23814	37.34 2.97 -7.35	32.14 2.75 -4.60	25.89 2.11 0.00	25.71 2.16 0.00	26.21 2.19 0.00	29.48 2.41 0.00	38.63 3.66 -1.42	44.83 5.05 0.00	40.07 3.98 -2.09	32.80 3.01 0.00	36.81 3.72 -3.12	33.64 3.36 -2.01	29.89 2.24 0.00	29.99 2.32 0.00	31.30 2.66 0.00	36.17 3.16 -2.33	46.99 4.84 -2.50	62.04 5.82 -10.41	55.12 5.22 -7.76	51.79 4.67 -9.45	45.75 3.85 -7.54	40.90 3.65 -3.45	36.87 3.15 -3.14	34.60 3.17 -1.81
GLOBE___DSASP 323697	25.02 -2.00 0.00	23.01 -1.79 0.00	21.80 -1.97 0.00	21.59 -1.95 0.00	22.13 -1.90 0.00	24.71 -2.35 0.00	30.67 -2.89 0.00	35.24 -4.53 0.00	31.01 -2.99 0.00	27.46 -2.32 0.00	27.69 -2.28 0.00	26.15 -2.12 0.00	25.55 -2.10 0.00	25.65 -2.02 0.00	26.40 -2.23 0.00	28.20 -2.49 0.00	36.88 -2.78 0.00	41.96 -3.85 0.00	38.68 -3.46 0.00	34.39 -3.28 0.00	31.54 -2.82 0.00	30.99 -2.81 0.00	28.23 -2.35 0.00	27.63 -1.98 0.00
GOETHSLN___LBMP 323567	28.13 1.11 0.00	25.81 1.02 0.00	24.79 1.02 0.00	24.63 1.08 0.00	25.06 1.03 0.00	28.18 1.11 0.00	35.20 1.64 0.00	42.72 2.94 0.00	36.14 2.14 0.00	31.63 1.85 0.00	31.62 1.65 0.00	29.82 1.55 0.00	29.06 1.41 0.00	29.05 1.38 0.00	30.09 1.46 0.00	32.25 1.56 0.00	42.11 2.46 0.00	49.06 3.25 0.00	44.58 2.44 0.00	40.00 2.34 0.00	36.28 1.92 0.00	35.39 1.59 0.00	31.89 1.31 0.00	30.98 1.36 0.00
GOLAH___69_KV_TB 1_2 80279	26.50 -0.51 0.00	24.20 -0.60 0.00	23.20 -0.57 0.00	22.91 -0.64 0.00	23.47 -0.55 0.00	26.45 -0.62 0.00	32.81 -0.74 0.00	38.22 -1.55 0.00	33.15 -0.85 0.00	29.16 -0.63 0.00	29.31 -0.66 0.00	27.62 -0.65 0.00	27.04 -0.61 0.00	27.09 -0.58 0.00	27.95 -0.69 0.00	29.95 -0.74 0.00	39.26 -0.40 0.00	45.08 -0.73 0.00	41.59 -0.55 0.00	37.10 -0.56 0.00	33.95 -0.41 0.00	33.26 -0.54 0.00	30.06 -0.52 0.00	29.23 -0.39 0.00
GOODYEAR_LAKE_HYD 323669	28.21 1.19 0.00	25.86 1.07 0.00	24.77 1.00 0.00	24.56 1.01 0.00	25.06 1.03 0.00	28.34 1.27 0.00	35.33 1.78 0.00	42.24 2.47 0.00	35.87 1.87 0.00	31.25 1.46 0.00	31.35 1.38 0.00	29.51 1.24 0.00	28.81 1.16 0.00	28.80 1.13 0.00	29.86 1.23 0.00	32.15 1.47 0.00	42.04 2.38 0.00	48.83 3.02 0.00	44.75 2.61 0.00	40.00 2.34 0.00	36.42 2.06 0.00	35.56 1.76 0.00	32.05 1.47 0.00	31.04 1.42 0.00



GOUDEY_115_KV_TB6_REV_LBMP_C 345031	27.42 0.41 0.00	25.12 0.32 0.00	24.03 0.26 0.00	23.81 0.26 0.00	24.31 0.29 0.00	27.42 0.35 0.00	34.09 0.54 0.00	40.37 0.60 0.00	34.48 0.48 0.00	30.15 0.36 0.00	30.30 0.33 0.00	28.55 0.28 0.00	27.90 0.25 0.00	27.92 0.25 0.00	28.86 0.23 0.00	30.96 0.28 0.00	40.41 0.75 0.00	46.82 1.01 0.00	42.90 0.76 0.00	38.31 0.64 0.00	34.98 0.62 0.00	34.24 0.44 0.00	30.95 0.37 0.00	30.03 0.41 0.00
GOUDEY___7 23579	27.45 0.43 0.00	25.14 0.35 0.00	24.06 0.29 0.00	23.83 0.28 0.00	24.34 0.31 0.00	27.45 0.38 0.00	34.12 0.57 0.00	40.41 0.64 0.00	34.51 0.51 0.00	30.18 0.39 0.00	30.33 0.36 0.00	28.58 0.31 0.00	27.92 0.28 0.00	27.95 0.28 0.00	28.89 0.26 0.00	30.99 0.31 0.00	40.45 0.79 0.00	46.91 1.10 0.00	42.94 0.80 0.00	38.34 0.68 0.00	35.01 0.65 0.00	34.27 0.47 0.00	30.98 0.40 0.00	30.06 0.44 0.00
GOUDEY___8 23580	27.42 0.41 0.00	25.12 0.32 0.00	24.03 0.26 0.00	23.81 0.26 0.00	24.31 0.29 0.00	27.42 0.35 0.00	34.09 0.54 0.00	40.37 0.60 0.00	34.48 0.48 0.00	30.15 0.36 0.00	30.30 0.33 0.00	28.55 0.28 0.00	27.90 0.25 0.00	27.92 0.25 0.00	28.86 0.23 0.00	30.96 0.28 0.00	40.41 0.75 0.00	46.82 1.01 0.00	42.90 0.76 0.00	38.31 0.64 0.00	34.98 0.62 0.00	34.24 0.44 0.00	30.95 0.37 0.00	30.03 0.41 0.00
GOWANUS_GT1_1 24077	28.64 1.62 0.00	26.26 1.46 0.00	25.27 1.50 0.00	25.11 1.55 -0.01	25.51 1.49 0.00	28.64 1.57 0.00	35.60 2.05 0.00	42.96 3.18 0.00	36.31 2.31 0.00	31.81 2.03 0.00	31.71 1.74 0.00	29.88 1.61 0.00	29.11 1.47 0.00	29.11 1.44 0.00	30.15 1.52 0.00	32.37 1.69 0.00	42.43 2.78 0.00	49.66 3.85 0.00	45.10 2.95 -0.01	40.38 2.71 0.00	36.52 2.16 0.00	35.69 1.89 0.00	32.35 1.77 0.00	31.51 1.90 0.00
GOWANUS_GT1_2 24078	28.64 1.62 0.00	26.26 1.46 0.00	25.27 1.50 0.00	25.11 1.55 -0.01	25.51 1.49 0.00	28.64 1.57 0.00	35.60 2.05 0.00	42.96 3.18 0.00	36.31 2.31 0.00	31.81 2.03 0.00	31.71 1.74 0.00	29.88 1.61 0.00	29.11 1.47 0.00	29.11 1.44 0.00	30.15 1.52 0.00	32.37 1.69 0.00	42.43 2.78 0.00	49.66 3.85 0.00	45.10 2.95 -0.01	40.38 2.71 0.00	36.52 2.16 0.00	35.69 1.89 0.00	32.35 1.77 0.00	31.51 1.90 0.00
GOWANUS_GT1_3 24079	28.64 1.62 0.00	26.26 1.46 0.00	25.27 1.50 0.00	25.11 1.55 -0.01	25.51 1.49 0.00	28.64 1.57 0.00	35.60 2.05 0.00	42.96 3.18 0.00	36.31 2.31 0.00	31.81 2.03 0.00	31.71 1.74 0.00	29.88 1.61 0.00	29.11 1.47 0.00	29.11 1.44 0.00	30.15 1.52 0.00	32.37 1.69 0.00	42.43 2.78 0.00	49.66 3.85 0.00	45.10 2.95 -0.01	40.38 2.71 0.00	36.52 2.16 0.00	35.69 1.89 0.00	32.35 1.77 0.00	31.51 1.90 0.00
GOWANUS_GT1_4 24080	28.64 1.62 0.00	26.26 1.46 0.00	25.27 1.50 0.00	25.11 1.55 -0.01	25.51 1.49 0.00	28.64 1.57 0.00	35.60 2.05 0.00	42.96 3.18 0.00	36.31 2.31 0.00	31.81 2.03 0.00	31.71 1.74 0.00	29.88 1.61 0.00	29.11 1.47 0.00	29.11 1.44 0.00	30.15 1.52 0.00	32.37 1.69 0.00	42.43 2.78 0.00	49.66 3.85 0.00	45.10 2.95 -0.01	40.38 2.71 0.00	36.52 2.16 0.00	35.69 1.89 0.00	32.35 1.77 0.00	31.51 1.90 0.00
GOWANUS_GT1_5 24084	28.64 1.62 0.00	26.26 1.46 0.00	25.27 1.50 0.00	25.11 1.55 -0.01	25.51 1.49 0.00	28.64 1.57 0.00	35.60 2.05 0.00	42.96 3.18 0.00	36.31 2.31 0.00	31.81 2.03 0.00	31.71 1.74 0.00	29.88 1.61 0.00	29.11 1.47 0.00	29.11 1.44 0.00	30.15 1.52 0.00	32.37 1.69 0.00	42.43 2.78 0.00	49.66 3.85 0.00	45.10 2.95 -0.01	40.38 2.71 0.00	36.52 2.16 0.00	35.69 1.89 0.00	32.35 1.77 0.00	31.51 1.90 0.00
GOWANUS_GT1_6 24111	28.64 1.62 0.00	26.26 1.46 0.00	25.27 1.50 0.00	25.11 1.55 -0.01	25.51 1.49 0.00	28.64 1.57 0.00	35.60 2.05 0.00	42.96 3.18 0.00	36.31 2.31 0.00	31.81 2.03 0.00	31.71 1.74 0.00	29.88 1.61 0.00	29.11 1.47 0.00	29.11 1.44 0.00	30.15 1.52 0.00	32.37 1.69 0.00	42.43 2.78 0.00	49.66 3.85 0.00	45.10 2.95 -0.01	40.38 2.71 0.00	36.52 2.16 0.00	35.69 1.89 0.00	32.35 1.77 0.00	31.51 1.90 0.00
GOWANUS_GT1_7 24112	28.64 1.62 0.00	26.26 1.46 0.00	25.27 1.50 0.00	25.11 1.55 -0.01	25.51 1.49 0.00	28.64 1.57 0.00	35.60 2.05 0.00	42.96 3.18 0.00	36.31 2.31 0.00	31.81 2.03 0.00	31.71 1.74 0.00	29.88 1.61 0.00	29.11 1.47 0.00	29.11 1.44 0.00	30.15 1.52 0.00	32.37 1.69 0.00	42.43 2.78 0.00	49.66 3.85 0.00	45.10 2.95 -0.01	40.38 2.71 0.00	36.52 2.16 0.00	35.69 1.89 0.00	32.35 1.77 0.00	31.51 1.90 0.00
GOWANUS_GT1_8 24113	28.64 1.62 0.00	26.26 1.46 0.00	25.27 1.50 0.00	25.11 1.55 -0.01	25.51 1.49 0.00	28.64 1.57 0.00	35.60 2.05 0.00	42.96 3.18 0.00	36.31 2.31 0.00	31.81 2.03 0.00	31.71 1.74 0.00	29.88 1.61 0.00	29.11 1.47 0.00	29.11 1.44 0.00	30.15 1.52 0.00	32.37 1.69 0.00	42.43 2.78 0.00	49.66 3.85 0.00	45.10 2.95 -0.01	40.38 2.71 0.00	36.52 2.16 0.00	35.69 1.89 0.00	32.35 1.77 0.00	31.51 1.90 0.00
GOWANUS_GT2_1 24114	28.62 1.59 -0.01	26.34 1.54 -0.01	25.32 1.54 -0.01	25.16 1.60 -0.01	25.55 1.51 -0.01	28.64 1.57 0.00	35.67 2.12 0.00	42.80 3.02 0.00	36.01 2.01 0.00	31.64 1.85 0.00	31.53 1.56 0.00	29.68 1.41 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.95 1.32 0.00	32.18 1.50 0.00	42.31 2.66 0.00	49.11 3.30 0.00	44.97 2.82 -0.01	40.26 2.60 0.00	36.08 1.72 0.00	35.49 1.69 0.00	32.41 1.83 0.00	31.61 1.98 -0.01
GOWANUS_GT2_2 24115	28.62 1.59 -0.01	26.34 1.54 -0.01	25.32 1.54 -0.01	25.16 1.60 -0.01	25.55 1.51 -0.01	28.64 1.57 0.00	35.67 2.12 0.00	42.80 3.02 0.00	36.01 2.01 0.00	31.64 1.85 0.00	31.53 1.56 0.00	29.68 1.41 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.95 1.32 0.00	32.18 1.50 0.00	42.31 2.66 0.00	49.11 3.30 0.00	44.97 2.82 -0.01	40.26 2.60 0.00	36.08 1.72 0.00	35.49 1.69 0.00	32.41 1.83 0.00	31.61 1.98 -0.01
GOWANUS_GT2_3 24116	28.62 1.59 -0.01	26.34 1.54 -0.01	25.32 1.54 -0.01	25.16 1.60 -0.01	25.55 1.51 -0.01	28.64 1.57 0.00	35.67 2.12 0.00	42.80 3.02 0.00	36.01 2.01 0.00	31.64 1.85 0.00	31.53 1.56 0.00	29.68 1.41 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.95 1.32 0.00	32.18 1.50 0.00	42.31 2.66 0.00	49.11 3.30 0.00	44.97 2.82 -0.01	40.26 2.60 0.00	36.08 1.72 0.00	35.49 1.69 0.00	32.41 1.83 0.00	31.61 1.98 -0.01
GOWANUS_GT2_4 24117	28.62 1.59 -0.01	26.34 1.54 -0.01	25.32 1.54 -0.01	25.16 1.60 -0.01	25.55 1.51 -0.01	28.64 1.57 0.00	35.67 2.12 0.00	42.80 3.02 0.00	36.01 2.01 0.00	31.64 1.85 0.00	31.53 1.56 0.00	29.68 1.41 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.95 1.32 0.00	32.18 1.50 0.00	42.31 2.66 0.00	49.11 3.30 0.00	44.97 2.82 -0.01	40.26 2.60 0.00	36.08 1.72 0.00	35.49 1.69 0.00	32.41 1.83 0.00	31.61 1.98 -0.01



GOWANUS_GT2_5 24118	28.62 1.59 -0.01	26.34 1.54 -0.01	25.32 1.54 -0.01	25.16 1.60 -0.01	25.55 1.51 -0.01	28.64 1.57 0.00	35.67 2.12 0.00	42.80 3.02 0.00	36.01 2.01 0.00	31.64 1.85 0.00	31.53 1.56 0.00	29.68 1.41 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.95 1.32 0.00	32.18 1.50 0.00	42.31 2.66 0.00	49.11 3.30 0.00	44.97 2.82 -0.01	40.26 2.60 0.00	36.08 1.72 0.00	35.49 1.69 0.00	32.41 1.83 0.00	31.61 1.98 -0.01
GOWANUS_GT2_6 24119	28.62 1.59 -0.01	26.34 1.54 -0.01	25.32 1.54 -0.01	25.16 1.60 -0.01	25.55 1.51 -0.01	28.64 1.57 0.00	35.67 2.12 0.00	42.80 3.02 0.00	36.01 2.01 0.00	31.64 1.85 0.00	31.53 1.56 0.00	29.68 1.41 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.95 1.32 0.00	32.18 1.50 0.00	42.31 2.66 0.00	49.11 3.30 0.00	44.97 2.82 -0.01	40.26 2.60 0.00	36.08 1.72 0.00	35.49 1.69 0.00	32.41 1.83 0.00	31.61 1.98 -0.01
GOWANUS_GT2_7 24120	28.62 1.59 -0.01	26.34 1.54 -0.01	25.32 1.54 -0.01	25.16 1.60 -0.01	25.55 1.51 -0.01	28.64 1.57 0.00	35.67 2.12 0.00	42.80 3.02 0.00	36.01 2.01 0.00	31.64 1.85 0.00	31.53 1.56 0.00	29.68 1.41 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.95 1.32 0.00	32.18 1.50 0.00	42.31 2.66 0.00	49.11 3.30 0.00	44.97 2.82 -0.01	40.26 2.60 0.00	36.08 1.72 0.00	35.49 1.69 0.00	32.41 1.83 0.00	31.61 1.98 -0.01
GOWANUS_GT2_8 24121	28.62 1.59 -0.01	26.34 1.54 -0.01	25.32 1.54 -0.01	25.16 1.60 -0.01	25.55 1.51 -0.01	28.64 1.57 0.00	35.67 2.12 0.00	42.80 3.02 0.00	36.01 2.01 0.00	31.64 1.85 0.00	31.53 1.56 0.00	29.68 1.41 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.95 1.32 0.00	32.18 1.50 0.00	42.31 2.66 0.00	49.11 3.30 0.00	44.97 2.82 -0.01	40.26 2.60 0.00	36.08 1.72 0.00	35.49 1.69 0.00	32.41 1.83 0.00	31.61 1.98 -0.01
GOWANUS_GT3_1 24122	28.46 1.43 -0.01	26.16 1.36 -0.01	25.18 1.40 -0.01	25.02 1.46 -0.01	25.38 1.34 -0.01	28.50 1.43 0.00	35.57 2.01 0.00	42.88 3.10 0.00	36.15 2.14 0.00	31.75 1.97 0.00	31.65 1.68 0.00	29.82 1.55 0.00	29.00 1.35 0.00	29.02 1.36 0.00	30.09 1.46 0.00	32.31 1.63 0.00	42.39 2.73 0.00	49.15 3.34 0.00	44.97 2.82 -0.01	40.30 2.64 0.00	36.14 1.79 0.00	35.52 1.72 0.00	32.32 1.74 0.00	31.46 1.84 -0.01
GOWANUS_GT3_2 24123	28.46 1.43 -0.01	26.16 1.36 -0.01	25.18 1.40 -0.01	25.02 1.46 -0.01	25.38 1.34 -0.01	28.50 1.43 0.00	35.57 2.01 0.00	42.88 3.10 0.00	36.15 2.14 0.00	31.75 1.97 0.00	31.65 1.68 0.00	29.82 1.55 0.00	29.00 1.35 0.00	29.02 1.36 0.00	30.09 1.46 0.00	32.31 1.63 0.00	42.39 2.73 0.00	49.15 3.34 0.00	44.97 2.82 -0.01	40.30 2.64 0.00	36.14 1.79 0.00	35.52 1.72 0.00	32.32 1.74 0.00	31.46 1.84 -0.01
GOWANUS_GT3_3 24124	28.46 1.43 -0.01	26.16 1.36 -0.01	25.18 1.40 -0.01	25.02 1.46 -0.01	25.38 1.34 -0.01	28.50 1.43 0.00	35.57 2.01 0.00	42.88 3.10 0.00	36.15 2.14 0.00	31.75 1.97 0.00	31.65 1.68 0.00	29.82 1.55 0.00	29.00 1.35 0.00	29.02 1.36 0.00	30.09 1.46 0.00	32.31 1.63 0.00	42.39 2.73 0.00	49.15 3.34 0.00	44.97 2.82 -0.01	40.30 2.64 0.00	36.14 1.79 0.00	35.52 1.72 0.00	32.32 1.74 0.00	31.46 1.84 -0.01
GOWANUS_GT3_4 24125	28.46 1.43 -0.01	26.16 1.36 -0.01	25.18 1.40 -0.01	25.02 1.46 -0.01	25.38 1.34 -0.01	28.50 1.43 0.00	35.57 2.01 0.00	42.88 3.10 0.00	36.15 2.14 0.00	31.75 1.97 0.00	31.65 1.68 0.00	29.82 1.55 0.00	29.00 1.35 0.00	29.02 1.36 0.00	30.09 1.46 0.00	32.31 1.63 0.00	42.39 2.73 0.00	49.15 3.34 0.00	44.97 2.82 -0.01	40.30 2.64 0.00	36.14 1.79 0.00	35.52 1.72 0.00	32.32 1.74 0.00	31.46 1.84 -0.01
GOWANUS_GT3_5 24126	28.46 1.43 -0.01	26.16 1.36 -0.01	25.18 1.40 -0.01	25.02 1.46 -0.01	25.38 1.34 -0.01	28.50 1.43 0.00	35.57 2.01 0.00	42.88 3.10 0.00	36.15 2.14 0.00	31.75 1.97 0.00	31.65 1.68 0.00	29.82 1.55 0.00	29.00 1.35 0.00	29.02 1.36 0.00	30.09 1.46 0.00	32.31 1.63 0.00	42.39 2.73 0.00	49.15 3.34 0.00	44.97 2.82 -0.01	40.30 2.64 0.00	36.14 1.79 0.00	35.52 1.72 0.00	32.32 1.74 0.00	31.46 1.84 -0.01
GOWANUS_GT3_6 24127	28.46 1.43 -0.01	26.16 1.36 -0.01	25.18 1.40 -0.01	25.02 1.46 -0.01	25.38 1.34 -0.01	28.50 1.43 0.00	35.57 2.01 0.00	42.88 3.10 0.00	36.15 2.14 0.00	31.75 1.97 0.00	31.65 1.68 0.00	29.82 1.55 0.00	29.00 1.35 0.00	29.02 1.36 0.00	30.09 1.46 0.00	32.31 1.63 0.00	42.39 2.73 0.00	49.15 3.34 0.00	44.97 2.82 -0.01	40.30 2.64 0.00	36.14 1.79 0.00	35.52 1.72 0.00	32.32 1.74 0.00	31.46 1.84 -0.01
GOWANUS_GT3_7 24128	28.46 1.43 -0.01	26.16 1.36 -0.01	25.18 1.40 -0.01	25.02 1.46 -0.01	25.38 1.34 -0.01	28.50 1.43 0.00	35.57 2.01 0.00	42.88 3.10 0.00	36.15 2.14 0.00	31.75 1.97 0.00	31.65 1.68 0.00	29.82 1.55 0.00	29.00 1.35 0.00	29.02 1.36 0.00	30.09 1.46 0.00	32.31 1.63 0.00	42.39 2.73 0.00	49.15 3.34 0.00	44.97 2.82 -0.01	40.30 2.64 0.00	36.14 1.79 0.00	35.52 1.72 0.00	32.32 1.74 0.00	31.46 1.84 -0.01
GOWANUS_GT3_8 24129	28.46 1.43 -0.01	26.16 1.36 -0.01	25.18 1.40 -0.01	25.02 1.46 -0.01	25.38 1.34 -0.01	28.50 1.43 0.00	35.57 2.01 0.00	42.88 3.10 0.00	36.15 2.14 0.00	31.75 1.97 0.00	31.65 1.68 0.00	29.82 1.55 0.00	29.00 1.35 0.00	29.02 1.36 0.00	30.09 1.46 0.00	32.31 1.63 0.00	42.39 2.73 0.00	49.15 3.34 0.00	44.97 2.82 -0.01	40.30 2.64 0.00	36.14 1.79 0.00	35.52 1.72 0.00	32.32 1.74 0.00	31.46 1.84 -0.01
GOWANUS_GT4_1 24130	28.80 1.78 0.00	26.43 1.64 0.00	25.41 1.64 0.00	25.25 1.70 -0.01	25.66 1.63 0.00	28.77 1.71 0.00	35.67 2.11 0.00	42.88 3.10 0.00	36.21 2.21 0.00	31.72 1.94 0.00	31.56 1.59 0.00	29.74 1.47 0.00	28.97 1.33 0.00	28.97 1.30 0.00	30.01 1.37 0.00	32.22 1.53 0.00	42.35 2.70 0.00	49.61 3.80 0.00	45.06 2.91 -0.01	40.38 2.71 0.00	36.42 2.06 0.00	35.66 1.86 0.00	32.45 1.87 0.00	31.63 2.01 0.00
GOWANUS_GT4_2 24131	28.80 1.78 0.00	26.43 1.64 0.00	25.41 1.64 0.00	25.25 1.70 -0.01	25.66 1.63 0.00	28.77 1.71 0.00	35.67 2.11 0.00	42.88 3.10 0.00	36.21 2.21 0.00	31.72 1.94 0.00	31.56 1.59 0.00	29.74 1.47 0.00	28.97 1.33 0.00	28.97 1.30 0.00	30.01 1.37 0.00	32.22 1.53 0.00	42.35 2.70 0.00	49.61 3.80 0.00	45.06 2.91 -0.01	40.38 2.71 0.00	36.42 2.06 0.00	35.66 1.86 0.00	32.45 1.87 0.00	31.63 2.01 0.00
GOWANUS_GT4_3 24132	28.80 1.78 0.00	26.43 1.64 0.00	25.41 1.64 0.00	25.25 1.70 -0.01	25.66 1.63 0.00	28.77 1.71 0.00	35.67 2.11 0.00	42.88 3.10 0.00	36.21 2.21 0.00	31.72 1.94 0.00	31.56 1.59 0.00	29.74 1.47 0.00	28.97 1.33 0.00	28.97 1.30 0.00	30.01 1.37 0.00	32.22 1.53 0.00	42.35 2.70 0.00	49.61 3.80 0.00	45.06 2.91 -0.01	40.38 2.71 0.00	36.42 2.06 0.00	35.66 1.86 0.00	32.45 1.87 0.00	31.63 2.01 0.00



GOWANUS_GT4_4 24133	28.80 1.78 0.00	26.43 1.64 0.00	25.41 1.64 0.00	25.25 1.70 -0.01	25.66 1.63 0.00	28.77 1.71 0.00	35.67 2.11 0.00	42.88 3.10 0.00	36.21 2.21 0.00	31.72 1.94 0.00	31.56 1.59 0.00	29.74 1.47 0.00	28.97 1.33 0.00	28.97 1.30 0.00	30.01 1.37 0.00	32.22 1.53 0.00	42.35 2.70 0.00	49.61 3.80 0.00	45.06 2.91 -0.01	40.38 2.71 0.00	36.42 2.06 0.00	35.66 1.86 0.00	32.45 1.87 0.00	31.63 2.01 0.00
GOWANUS_GT4_5 24134	28.80 1.78 0.00	26.43 1.64 0.00	25.41 1.64 0.00	25.25 1.70 -0.01	25.66 1.63 0.00	28.77 1.71 0.00	35.67 2.11 0.00	42.88 3.10 0.00	36.21 2.21 0.00	31.72 1.94 0.00	31.56 1.59 0.00	29.74 1.47 0.00	28.97 1.33 0.00	28.97 1.30 0.00	30.01 1.37 0.00	32.22 1.53 0.00	42.35 2.70 0.00	49.61 3.80 0.00	45.06 2.91 -0.01	40.38 2.71 0.00	36.42 2.06 0.00	35.66 1.86 0.00	32.45 1.87 0.00	31.63 2.01 0.00
GOWANUS_GT4_6 24135	28.80 1.78 0.00	26.43 1.64 0.00	25.41 1.64 0.00	25.25 1.70 -0.01	25.66 1.63 0.00	28.77 1.71 0.00	35.67 2.11 0.00	42.88 3.10 0.00	36.21 2.21 0.00	31.72 1.94 0.00	31.56 1.59 0.00	29.74 1.47 0.00	28.97 1.33 0.00	28.97 1.30 0.00	30.01 1.37 0.00	32.22 1.53 0.00	42.35 2.70 0.00	49.61 3.80 0.00	45.06 2.91 -0.01	40.38 2.71 0.00	36.42 2.06 0.00	35.66 1.86 0.00	32.45 1.87 0.00	31.63 2.01 0.00
GOWANUS_GT4_7 24136	28.80 1.78 0.00	26.43 1.64 0.00	25.41 1.64 0.00	25.25 1.70 -0.01	25.66 1.63 0.00	28.77 1.71 0.00	35.67 2.11 0.00	42.88 3.10 0.00	36.21 2.21 0.00	31.72 1.94 0.00	31.56 1.59 0.00	29.74 1.47 0.00	28.97 1.33 0.00	28.97 1.30 0.00	30.01 1.37 0.00	32.22 1.53 0.00	42.35 2.70 0.00	49.61 3.80 0.00	45.06 2.91 -0.01	40.38 2.71 0.00	36.42 2.06 0.00	35.66 1.86 0.00	32.45 1.87 0.00	31.63 2.01 0.00
GOWANUS_GT4_8 24137	28.80 1.78 0.00	26.43 1.64 0.00	25.41 1.64 0.00	25.25 1.70 -0.01	25.66 1.63 0.00	28.77 1.71 0.00	35.67 2.11 0.00	42.88 3.10 0.00	36.21 2.21 0.00	31.72 1.94 0.00	31.56 1.59 0.00	29.74 1.47 0.00	28.97 1.33 0.00	28.97 1.30 0.00	30.01 1.37 0.00	32.22 1.53 0.00	42.35 2.70 0.00	49.61 3.80 0.00	45.06 2.91 -0.01	40.38 2.71 0.00	36.42 2.06 0.00	35.66 1.86 0.00	32.45 1.87 0.00	31.63 2.01 0.00
GREENBSH_115KV_TB3 55895	27.26 0.24 0.00	25.07 0.27 0.00	24.15 0.38 0.00	23.95 0.40 0.00	24.43 0.41 0.00	27.42 0.35 0.00	34.12 0.57 0.00	40.93 1.15 0.00	34.72 0.71 0.00	30.15 0.36 0.00	30.30 0.33 0.00	28.61 0.34 0.00	28.06 0.41 0.00	28.11 0.44 0.00	29.03 0.40 0.00	31.17 0.49 0.00	40.49 0.83 0.00	47.18 1.37 0.00	43.07 0.93 0.00	38.50 0.83 0.00	35.15 0.79 0.00	34.37 0.57 0.00	30.95 0.37 0.00	29.97 0.36 0.00
GREENDGE_115KV_TB5 80291	27.32 0.30 0.00	24.97 0.17 0.00	23.82 0.05 0.00	23.57 0.02 0.00	24.14 0.12 0.00	27.23 0.16 0.00	33.99 0.44 0.00	39.61 -0.16 0.00	34.31 0.31 0.00	30.03 0.24 0.00	30.15 0.18 0.00	28.41 0.14 0.00	27.70 0.06 0.00	27.78 0.11 0.00	28.69 0.06 0.00	30.80 0.12 0.00	40.01 0.36 0.00	46.31 0.50 0.00	42.52 0.38 0.00	37.93 0.26 0.00	34.98 0.62 0.00	34.14 0.34 0.00	30.89 0.31 0.00	29.94 0.33 0.00
GREENIDGE___3 23582	27.32 0.30 0.00	24.97 0.17 0.00	23.82 0.05 0.00	23.57 0.02 0.00	24.14 0.12 0.00	27.23 0.16 0.00	33.99 0.44 0.00	39.61 -0.16 0.00	34.31 0.31 0.00	30.03 0.24 0.00	30.15 0.18 0.00	28.41 0.14 0.00	27.70 0.06 0.00	27.78 0.11 0.00	28.69 0.06 0.00	30.80 0.12 0.00	40.01 0.36 0.00	46.31 0.50 0.00	42.52 0.38 0.00	37.93 0.26 0.00	34.98 0.62 0.00	34.14 0.34 0.00	30.89 0.31 0.00	29.94 0.33 0.00
GREENIDGE___4 23583	27.37 0.35 0.00	24.99 0.20 0.00	23.84 0.07 0.00	23.59 0.05 0.00	24.17 0.15 0.00	27.26 0.19 0.00	33.96 0.40 0.00	39.77 0.00 0.00	34.41 0.41 0.00	30.17 0.39 0.00	30.30 0.33 0.00	28.49 0.23 0.00	27.95 0.30 0.00	28.00 0.33 0.00	28.81 0.17 0.00	30.96 0.28 0.00	40.25 0.60 0.00	46.31 0.50 0.00	42.85 0.72 0.00	38.42 0.75 0.00	35.08 0.72 0.00	34.24 0.44 0.00	31.10 0.52 0.00	30.03 0.41 0.00
GREENLWN_69_KV_BK 3 55738	36.08 1.76 -7.31	31.00 1.61 -4.60	25.20 1.43 0.00	25.01 1.46 0.00	25.49 1.47 0.00	28.72 1.65 0.00	37.43 2.45 -1.42	43.23 3.46 0.00	38.84 2.75 -2.09	32.08 2.29 0.00	35.34 2.25 -3.12	32.43 2.15 -2.01	29.42 1.77 0.00	29.49 1.83 0.00	30.64 2.00 0.00	35.22 2.21 -2.33	45.17 3.01 -2.50	60.21 3.99 -10.41	53.01 3.12 -7.76	49.98 2.86 -9.45	44.34 2.44 -7.54	39.38 2.13 -3.45	35.67 1.96 -3.14	33.47 2.04 -1.81
GREENWD_138_KV_38B11_REV_LBMP_J 345004	28.80 1.78 0.00	26.43 1.64 0.00	25.41 1.64 0.00	25.25 1.70 -0.01	25.66 1.63 0.00	28.77 1.71 0.00	35.67 2.11 0.00	42.88 3.10 0.00	36.21 2.21 0.00	31.72 1.94 0.00	31.56 1.59 0.00	29.74 1.47 0.00	28.97 1.33 0.00	28.97 1.30 0.00	30.01 1.37 0.00	32.22 1.53 0.00	42.35 2.70 0.00	49.61 3.80 0.00	45.06 2.91 -0.01	40.38 2.71 0.00	36.42 2.06 0.00	35.66 1.86 0.00	32.45 1.87 0.00	31.63 2.01 0.00
GRISSOM___SOLAR 323813	29.67 2.65 0.00	27.22 2.43 0.00	26.13 2.35 0.00	25.90 2.35 0.00	26.52 2.50 0.00	29.99 2.92 0.00	37.78 4.23 0.00	44.79 5.01 0.00	37.78 3.77 0.00	32.47 2.68 0.00	32.52 2.55 0.00	30.45 2.18 0.00	29.89 2.24 0.00	29.85 2.19 0.00	31.09 2.46 0.00	33.84 3.16 0.00	44.61 4.96 0.00	52.04 6.23 0.00	47.83 5.69 0.00	42.37 4.71 0.00	38.55 4.19 0.00	37.48 3.68 0.00	33.64 3.06 0.00	32.61 2.99 0.00
GROVEVILLE___HYD 323602	28.34 1.32 0.00	26.03 1.24 0.00	24.96 1.19 0.00	24.77 1.22 0.00	25.25 1.23 0.00	28.45 1.38 0.00	35.47 1.91 0.00	42.76 2.98 0.00	36.21 2.21 0.00	31.55 1.76 0.00	31.56 1.59 0.00	29.74 1.47 0.00	29.00 1.35 0.00	29.00 1.33 0.00	30.06 1.43 0.00	32.25 1.56 0.00	42.15 2.50 0.00	49.24 3.44 0.00	44.84 2.70 0.00	40.11 2.45 0.00	36.45 2.10 0.00	35.59 1.79 0.00	32.05 1.47 0.00	31.07 1.45 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	26.94 -0.08 0.00	24.67 -0.12 0.00	23.63 -0.14 0.00	23.38 -0.16 0.00	23.88 -0.14 0.00	26.93 -0.14 0.00	33.35 -0.20 0.00	39.50 -0.28 0.00	33.73 -0.27 0.00	29.49 -0.30 0.00	29.64 -0.33 0.00	27.96 -0.31 0.00	27.32 -0.33 0.00	27.34 -0.33 0.00	28.26 -0.37 0.00	30.31 -0.37 0.00	39.46 -0.20 0.00	45.72 -0.09 0.00	41.97 -0.17 0.00	37.48 -0.19 0.00	34.22 -0.14 0.00	33.53 -0.27 0.00	30.27 -0.31 0.00	29.29 -0.33 0.00
HAMLTNNY_34_KV_TB 80303	26.96 -0.05 0.00	24.69 -0.10 0.00	23.63 -0.14 0.00	23.41 -0.14 0.00	23.93 -0.10 0.00	26.96 -0.11 0.00	33.42 -0.13 0.00	39.58 -0.20 0.00	33.83 -0.17 0.00	29.55 -0.24 0.00	29.70 -0.27 0.00	28.01 -0.25 0.00	27.37 -0.28 0.00	27.39 -0.28 0.00	28.32 -0.31 0.00	30.41 -0.28 0.00	39.58 -0.08 0.00	45.85 0.05 0.00	42.10 -0.04 0.00	37.59 -0.08 0.00	34.29 -0.07 0.00	33.60 -0.20 0.00	30.34 -0.24 0.00	29.35 -0.27 0.00



HAMPSHIRE___PAPER_HYD 323593	26.21 -0.81 0.00	24.00 -0.79 0.00	22.99 -0.78 0.00	22.75 -0.80 0.00	23.18 -0.84 0.00	26.26 -0.81 0.00	32.55 -1.01 0.00	38.50 -1.27 0.00	32.95 -1.05 0.00	29.04 -0.74 0.00	29.19 -0.78 0.00	27.48 -0.79 0.00	26.84 -0.80 0.00	26.89 -0.77 0.00	27.92 -0.71 0.00	29.98 -0.70 0.00	38.75 -0.91 0.00	44.89 -0.92 0.00	41.30 -0.84 0.00	36.91 -0.75 0.00	33.74 -0.62 0.00	33.12 -0.68 0.00	30.00 -0.58 0.00	28.94 -0.68 0.00
HARDSCRABBLE_WT_PWR 323673	27.40 0.38 0.00	25.11 0.32 0.00	24.08 0.31 0.00	23.85 0.31 0.00	24.34 0.31 0.00	27.50 0.43 0.00	34.22 0.67 0.00	40.77 0.99 0.00	34.75 0.75 0.00	30.41 0.63 0.00	30.60 0.63 0.00	28.80 0.54 0.00	28.15 0.50 0.00	28.14 0.47 0.00	29.15 0.52 0.00	31.29 0.61 0.00	40.65 0.99 0.00	46.86 1.05 0.00	43.11 0.97 0.00	38.57 0.90 0.00	35.08 0.72 0.00	34.44 0.64 0.00	31.13 0.55 0.00	30.12 0.50 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	28.15 1.13 0.00	25.86 1.07 0.00	24.79 1.02 0.00	24.61 1.06 0.00	25.08 1.06 0.00	28.26 1.19 0.00	35.23 1.68 0.00	42.48 2.70 0.00	35.97 1.97 0.00	31.43 1.64 0.00	31.47 1.50 0.00	29.63 1.36 0.00	28.89 1.24 0.00	28.86 1.19 0.00	29.89 1.26 0.00	32.06 1.38 0.00	41.88 2.22 0.00	48.92 3.11 0.00	44.50 2.36 0.00	39.81 2.15 0.00	36.18 1.82 0.00	35.32 1.52 0.00	31.83 1.25 0.00	30.89 1.27 0.00
HARSNRAD_115KV_TB1 81005	25.72 -1.30 0.00	23.53 -1.26 0.00	22.42 -1.35 0.00	22.06 -1.48 0.00	22.63 -1.39 0.00	25.42 -1.65 0.00	31.57 -1.98 0.00	36.35 -3.42 0.00	31.96 -2.04 0.00	28.24 -1.55 0.00	28.47 -1.50 0.00	26.86 -1.41 0.00	26.24 -1.41 0.00	26.34 -1.33 0.00	27.14 -1.49 0.00	28.99 -1.69 0.00	37.99 -1.67 0.00	43.33 -2.47 0.00	39.91 -2.23 0.00	35.48 -2.18 0.00	32.50 -1.86 0.00	31.94 -1.86 0.00	29.02 -1.56 0.00	28.38 -1.24 0.00
HARZA MOOSE___RIVER 24016	27.21 0.19 0.00	24.89 0.10 0.00	23.84 0.07 0.00	23.59 0.05 0.00	24.10 0.07 0.00	27.31 0.24 0.00	33.99 0.44 0.00	40.49 0.72 0.00	34.44 0.44 0.00	30.20 0.42 0.00	30.30 0.33 0.00	28.52 0.25 0.00	27.84 0.19 0.00	27.86 0.19 0.00	28.92 0.29 0.00	31.17 0.49 0.00	40.65 0.99 0.00	47.09 1.28 0.00	43.23 1.10 0.00	38.65 0.98 0.00	35.18 0.82 0.00	34.44 0.64 0.00	31.07 0.49 0.00	29.97 0.36 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	26.75 -0.27 0.00	24.52 -0.27 0.00	23.49 -0.29 0.00	23.24 -0.31 0.00	23.76 -0.26 0.00	26.77 -0.30 0.00	33.12 -0.44 0.00	39.18 -0.60 0.00	33.49 -0.51 0.00	29.28 -0.51 0.00	29.46 -0.51 0.00	27.82 -0.45 0.00	27.18 -0.47 0.00	27.20 -0.47 0.00	28.12 -0.52 0.00	30.13 -0.55 0.00	39.18 -0.48 0.00	45.40 -0.41 0.00	41.63 -0.51 0.00	37.18 -0.49 0.00	33.95 -0.41 0.00	33.23 -0.57 0.00	30.00 -0.58 0.00	29.06 -0.56 0.00
HELLGATE_13_KV_LD 55870	28.45 1.43 0.00	26.08 1.29 0.00	25.13 1.35 0.00	24.94 1.39 -0.01	25.35 1.32 0.00	28.42 1.35 0.00	35.36 1.81 0.00	42.80 3.02 0.00	36.28 2.28 0.00	31.75 1.97 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.14 1.49 0.00	29.14 1.47 0.00	30.18 1.55 0.00	32.37 1.69 0.00	42.27 2.62 0.00	49.34 3.53 0.00	44.79 2.65 0.00	40.15 2.49 0.00	36.39 2.03 0.00	35.52 1.72 0.00	32.14 1.56 0.00	31.28 1.66 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	28.45 1.43 0.00	26.08 1.29 0.00	25.13 1.35 0.00	24.94 1.39 -0.01	25.35 1.32 0.00	28.42 1.35 0.00	35.36 1.81 0.00	42.80 3.02 0.00	36.28 2.28 0.00	31.75 1.97 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.14 1.49 0.00	29.14 1.47 0.00	30.18 1.55 0.00	32.37 1.69 0.00	42.27 2.62 0.00	49.34 3.53 0.00	44.79 2.65 0.00	40.15 2.49 0.00	36.39 2.03 0.00	35.52 1.72 0.00	32.14 1.56 0.00	31.28 1.66 0.00
HEMPSTEAD___ 23647	35.92 1.59 -7.31	30.88 1.49 -4.60	25.15 1.38 0.00	24.98 1.44 0.00	25.44 1.42 0.00	28.66 1.60 0.00	37.39 2.42 -1.42	43.31 3.54 0.00	38.78 2.69 -2.09	31.99 2.20 0.00	35.31 2.22 -3.12	32.31 2.04 -2.01	29.33 1.69 0.00	29.38 1.72 0.00	30.55 1.92 0.00	35.19 2.18 -2.33	45.36 3.21 -2.50	60.07 3.85 -10.41	53.22 3.33 -7.76	50.13 3.01 -9.45	44.24 2.34 -7.54	39.48 2.23 -3.45	35.68 1.96 -3.14	33.38 1.95 -1.81
HEWLETT___69_KV_BK3 55828	36.22 1.89 -7.31	31.13 1.74 -4.60	25.36 1.59 0.00	25.17 1.62 0.00	25.66 1.63 0.00	28.91 1.84 0.00	37.63 2.65 -1.42	43.75 3.98 0.00	39.18 3.09 -2.09	32.26 2.47 0.00	35.52 2.43 -3.12	32.54 2.26 -2.01	29.61 1.96 0.00	29.66 1.99 0.00	30.78 2.15 0.00	35.40 2.39 -2.33	45.72 3.57 -2.50	60.66 4.44 -10.41	53.48 3.58 -7.76	50.58 3.47 -9.45	44.92 3.02 -7.54	39.92 2.67 -3.45	35.95 2.23 -3.14	33.65 2.22 -1.81
HICKLING___1 23621	27.40 0.38 0.00	25.04 0.25 0.00	23.91 0.14 0.00	23.64 0.09 0.00	24.19 0.17 0.00	27.26 0.19 0.00	33.99 0.44 0.00	39.81 0.04 0.00	34.27 0.27 0.00	30.03 0.24 0.00	30.21 0.24 0.00	28.47 0.20 0.00	27.79 0.14 0.00	27.86 0.19 0.00	28.75 0.11 0.00	30.80 0.12 0.00	40.33 0.67 0.00	46.63 0.82 0.00	42.73 0.59 0.00	38.12 0.45 0.00	34.87 0.52 0.00	34.07 0.27 0.00	30.89 0.31 0.00	30.09 0.47 0.00
HICKLING___2 23622	27.40 0.38 0.00	25.04 0.25 0.00	23.91 0.14 0.00	23.64 0.09 0.00	24.19 0.17 0.00	27.26 0.19 0.00	33.99 0.44 0.00	39.81 0.04 0.00	34.27 0.27 0.00	30.03 0.24 0.00	30.21 0.24 0.00	28.47 0.20 0.00	27.79 0.14 0.00	27.86 0.19 0.00	28.75 0.11 0.00	30.80 0.12 0.00	40.33 0.67 0.00	46.63 0.82 0.00	42.73 0.59 0.00	38.12 0.45 0.00	34.87 0.52 0.00	34.07 0.27 0.00	30.89 0.31 0.00	30.09 0.47 0.00
HIGH FALLS___HY 23754	28.42 1.40 0.00	26.08 1.29 0.00	24.98 1.21 0.00	24.79 1.25 0.00	25.25 1.23 0.00	28.50 1.43 0.00	35.53 1.98 0.00	42.76 2.98 0.00	36.18 2.18 0.00	31.58 1.79 0.00	31.56 1.59 0.00	29.71 1.44 0.00	28.95 1.30 0.00	28.86 1.19 0.00	29.95 1.32 0.00	32.15 1.47 0.00	42.15 2.50 0.00	49.29 3.48 0.00	44.84 2.70 0.00	40.15 2.49 0.00	36.45 2.10 0.00	35.59 1.79 0.00	32.08 1.50 0.00	31.13 1.51 0.00
HILLBURN___GT 23639	28.02 1.00 0.00	25.73 0.94 0.00	24.70 0.93 0.00	24.54 0.99 0.00	24.99 0.96 0.00	28.12 1.05 0.00	35.23 1.68 0.00	42.48 2.71 0.00	35.84 1.83 0.00	31.37 1.58 0.00	31.47 1.50 0.00	29.63 1.36 0.00	28.86 1.22 0.00	28.83 1.16 0.00	29.89 1.26 0.00	32.03 1.35 0.00	41.80 2.14 0.00	48.42 2.61 0.00	44.37 2.23 0.00	39.70 2.03 0.00	35.83 1.48 0.00	35.15 1.35 0.00	31.80 1.22 0.00	30.86 1.24 0.00
HILLSIDE_115KV_TB1 80332	27.05 0.03 0.00	24.74 -0.05 0.00	23.63 -0.14 0.00	23.38 -0.16 0.00	23.90 -0.12 0.00	26.93 -0.14 0.00	33.55 0.00 0.00	39.34 -0.44 0.00	33.83 -0.17 0.00	29.64 -0.15 0.00	29.82 -0.15 0.00	28.13 -0.14 0.00	27.45 -0.19 0.00	27.53 -0.14 0.00	28.37 -0.26 0.00	30.37 -0.31 0.00	39.70 0.04 0.00	45.95 0.14 0.00	42.06 -0.08 0.00	37.48 -0.19 0.00	34.32 -0.03 0.00	33.56 -0.24 0.00	30.46 -0.12 0.00	29.68 0.06 0.00



HISHELDN_WT_PWR 323625	26.32 -0.70 0.00	24.02 -0.77 0.00	22.87 -0.90 0.00	22.58 -0.97 0.00	23.14 -0.89 0.00	26.01 -1.06 0.00	32.31 -1.24 0.00	37.87 -1.91 0.00	32.95 -1.05 0.00	29.16 -0.63 0.00	29.37 -0.60 0.00	27.67 -0.59 0.00	27.34 -0.30 0.00	27.42 -0.25 0.00	28.03 -0.60 0.00	30.07 -0.61 0.00	39.46 -0.20 0.00	44.89 -0.92 0.00	41.64 -0.50 0.00	37.06 -0.60 0.00	33.81 -0.55 0.00	33.02 -0.78 0.00	30.24 -0.34 0.00	29.29 -0.33 0.00
HOLTSVILLE_IC_1 23690	36.40 2.03 -7.35	31.27 1.88 -4.60	25.25 1.47 0.00	25.08 1.53 0.00	25.56 1.54 0.00	28.75 1.68 0.00	37.60 2.62 -1.42	43.55 3.78 0.00	39.02 2.92 -2.09	31.99 2.20 0.00	35.73 2.64 -3.12	32.71 2.43 -2.01	29.28 1.63 0.00	29.38 1.72 0.00	30.64 2.00 0.00	35.37 2.36 -2.33	45.72 3.57 -2.50	60.43 4.21 -10.41	53.56 3.66 -7.76	50.43 3.32 -9.45	44.54 2.65 -7.54	39.75 2.50 -3.45	35.89 2.17 -3.14	33.68 2.25 -1.81
HOLTSVILLE_IC_10 23699	36.53 2.16 -7.35	31.42 2.03 -4.60	25.39 1.62 0.00	25.19 1.65 0.00	25.68 1.66 0.00	28.88 1.81 0.00	37.83 2.85 -1.42	43.79 4.02 0.00	39.22 3.13 -2.09	32.17 2.38 0.00	35.91 2.82 -3.12	32.85 2.57 -2.01	29.42 1.77 0.00	29.52 1.85 0.00	30.81 2.17 0.00	35.56 2.55 -2.33	46.04 3.89 -2.50	60.76 4.54 -10.41	53.90 4.01 -7.76	50.73 3.62 -9.45	44.78 2.89 -7.54	39.99 2.74 -3.45	36.10 2.39 -3.14	33.86 2.43 -1.81
HOLTSVILLE_IC_2 23691	36.40 2.03 -7.35	31.27 1.88 -4.60	25.25 1.47 0.00	25.08 1.53 0.00	25.56 1.54 0.00	28.75 1.68 0.00	37.60 2.62 -1.42	43.55 3.78 0.00	39.02 2.92 -2.09	31.99 2.20 0.00	35.73 2.64 -3.12	32.71 2.43 -2.01	29.28 1.63 0.00	29.38 1.72 0.00	30.64 2.00 0.00	35.37 2.36 -2.33	45.72 3.57 -2.50	60.43 4.21 -10.41	53.56 3.66 -7.76	50.43 3.32 -9.45	44.54 2.65 -7.54	39.75 2.50 -3.45	35.89 2.17 -3.14	33.68 2.25 -1.81
HOLTSVILLE_IC_3 23692	36.40 2.03 -7.35	31.27 1.88 -4.60	25.25 1.47 0.00	25.08 1.53 0.00	25.56 1.54 0.00	28.75 1.68 0.00	37.60 2.62 -1.42	43.55 3.78 0.00	39.02 2.92 -2.09	31.99 2.20 0.00	35.73 2.64 -3.12	32.71 2.43 -2.01	29.28 1.63 0.00	29.38 1.72 0.00	30.64 2.00 0.00	35.37 2.36 -2.33	45.72 3.57 -2.50	60.43 4.21 -10.41	53.56 3.66 -7.76	50.43 3.32 -9.45	44.54 2.65 -7.54	39.75 2.50 -3.45	35.89 2.17 -3.14	33.68 2.25 -1.81
HOLTSVILLE_IC_4 23693	36.40 2.03 -7.35	31.27 1.88 -4.60	25.25 1.47 0.00	25.08 1.53 0.00	25.56 1.54 0.00	28.75 1.68 0.00	37.60 2.62 -1.42	43.55 3.78 0.00	39.02 2.92 -2.09	31.99 2.20 0.00	35.73 2.64 -3.12	32.71 2.43 -2.01	29.28 1.63 0.00	29.38 1.72 0.00	30.64 2.00 0.00	35.37 2.36 -2.33	45.72 3.57 -2.50	60.43 4.21 -10.41	53.56 3.66 -7.76	50.43 3.32 -9.45	44.54 2.65 -7.54	39.75 2.50 -3.45	35.89 2.17 -3.14	33.68 2.25 -1.81
HOLTSVILLE_IC_5 23694	36.40 2.03 -7.35	31.27 1.88 -4.60	25.25 1.47 0.00	25.08 1.53 0.00	25.56 1.54 0.00	28.75 1.68 0.00	37.60 2.62 -1.42	43.55 3.78 0.00	39.02 2.92 -2.09	31.99 2.20 0.00	35.73 2.64 -3.12	32.71 2.43 -2.01	29.28 1.63 0.00	29.38 1.72 0.00	30.64 2.00 0.00	35.37 2.36 -2.33	45.72 3.57 -2.50	60.43 4.21 -10.41	53.56 3.66 -7.76	50.43 3.32 -9.45	44.54 2.65 -7.54	39.75 2.50 -3.45	35.89 2.17 -3.14	33.68 2.25 -1.81
HOLTSVILLE_IC_6 23695	36.53 2.16 -7.35	31.42 2.03 -4.60	25.39 1.62 0.00	25.19 1.65 0.00	25.68 1.66 0.00	28.88 1.81 0.00	37.83 2.85 -1.42	43.79 4.02 0.00	39.22 3.13 -2.09	32.17 2.38 0.00	35.91 2.82 -3.12	32.85 2.57 -2.01	29.42 1.77 0.00	29.52 1.85 0.00	30.81 2.17 0.00	35.56 2.55 -2.33	46.04 3.89 -2.50	60.76 4.54 -10.41	53.90 4.01 -7.76	50.73 3.62 -9.45	44.78 2.89 -7.54	39.99 2.74 -3.45	36.10 2.39 -3.14	33.86 2.43 -1.81
HOLTSVILLE_IC_7 23696	36.53 2.16 -7.35	31.42 2.03 -4.60	25.39 1.62 0.00	25.19 1.65 0.00	25.68 1.66 0.00	28.88 1.81 0.00	37.83 2.85 -1.42	43.79 4.02 0.00	39.22 3.13 -2.09	32.17 2.38 0.00	35.91 2.82 -3.12	32.85 2.57 -2.01	29.42 1.77 0.00	29.52 1.85 0.00	30.81 2.17 0.00	35.56 2.55 -2.33	46.04 3.89 -2.50	60.76 4.54 -10.41	53.90 4.01 -7.76	50.73 3.62 -9.45	44.78 2.89 -7.54	39.99 2.74 -3.45	36.10 2.39 -3.14	33.86 2.43 -1.81
HOLTSVILLE_IC_8 23697	36.53 2.16 -7.35	31.42 2.03 -4.60	25.39 1.62 0.00	25.19 1.65 0.00	25.68 1.66 0.00	28.88 1.81 0.00	37.83 2.85 -1.42	43.79 4.02 0.00	39.22 3.13 -2.09	32.17 2.38 0.00	35.91 2.82 -3.12	32.85 2.57 -2.01	29.42 1.77 0.00	29.52 1.85 0.00	30.81 2.17 0.00	35.56 2.55 -2.33	46.04 3.89 -2.50	60.76 4.54 -10.41	53.90 4.01 -7.76	50.73 3.62 -9.45	44.78 2.89 -7.54	39.99 2.74 -3.45	36.10 2.39 -3.14	33.86 2.43 -1.81
HOLTSVILLE_IC_9 23698	36.53 2.16 -7.35	31.42 2.03 -4.60	25.39 1.62 0.00	25.19 1.65 0.00	25.68 1.66 0.00	28.88 1.81 0.00	37.83 2.85 -1.42	43.79 4.02 0.00	39.22 3.13 -2.09	32.17 2.38 0.00	35.91 2.82 -3.12	32.85 2.57 -2.01	29.42 1.77 0.00	29.52 1.85 0.00	30.81 2.17 0.00	35.56 2.55 -2.33	46.04 3.89 -2.50	60.76 4.54 -10.41	53.90 4.01 -7.76	50.73 3.62 -9.45	44.78 2.89 -7.54	39.99 2.74 -3.45	36.10 2.39 -3.14	33.86 2.43 -1.81
HOMER_HL_115KV_TB2 355744	27.26 0.24 0.00	24.89 0.10 0.00	23.70 -0.07 0.00	23.41 -0.14 0.00	23.98 -0.05 0.00	26.96 -0.11 0.00	33.72 0.17 0.00	39.10 -0.68 0.00	33.97 -0.03 0.00	29.88 0.09 0.00	30.12 0.15 0.00	28.41 0.14 0.00	27.73 0.08 0.00	27.81 0.14 0.00	28.57 -0.06 0.00	30.47 -0.21 0.00	39.97 0.32 0.00	46.04 0.23 0.00	42.14 0.00 0.00	37.48 -0.19 0.00	34.36 0.00 0.00	33.63 -0.17 0.00	30.64 0.06 0.00	30.03 0.41 0.00
HOWARD_WT_PWR 323690	27.32 0.30 0.00	24.89 0.10 0.00	23.70 -0.07 0.00	23.43 -0.12 0.00	24.00 -0.02 0.00	27.07 0.00 0.00	33.76 0.20 0.00	39.66 -0.12 0.00	34.24 0.24 0.00	30.26 0.48 0.00	30.45 0.48 0.00	28.66 0.40 0.00	28.23 0.58 0.00	28.31 0.64 0.00	29.00 0.37 0.00	31.23 0.55 0.00	41.04 1.39 0.00	47.00 1.19 0.00	43.49 1.35 0.00	38.76 1.09 0.00	35.25 0.89 0.00	34.41 0.61 0.00	31.41 0.83 0.00	30.36 0.74 0.00
HQ_GEN_CEDARS 23644	27.05 0.03 0.00	24.84 0.05 0.00	23.80 0.02 0.00	23.55 0.00 0.00	23.98 -0.05 0.00	27.04 -0.03 0.00	33.28 -0.27 0.00	39.02 -0.76 0.00	33.59 -0.41 0.00	29.82 0.03 0.00	30.06 0.09 0.00	28.35 0.08 0.00	27.76 0.11 0.00	27.81 0.14 0.00	28.83 0.20 0.00	30.65 -0.03 0.00	39.18 -0.48 0.00	44.89 -0.92 0.00	41.72 -0.42 0.00	37.29 -0.38 0.00	33.98 -0.38 0.00	33.70 -0.10 0.00	30.82 0.24 0.00	29.83 0.21 0.00
HQ_GEN_CEDARS_PROXY 323590	27.05 0.03 0.00	24.84 0.05 0.00	23.80 0.02 0.00	23.55 0.00 0.00	23.98 -0.05 0.00	27.04 -0.03 0.00	33.28 -0.27 0.00	39.02 -0.76 0.00	33.70 -0.31 0.00	29.82 0.03 0.00	30.06 0.09 0.00	28.35 0.09 0.00	27.73 0.08 0.00	27.81 0.14 0.00	28.83 0.20 0.00	32.17 -0.03 -1.52	37.66 -0.47 1.52	45.35 -0.46 0.00	41.68 -0.46 0.00	37.25 -0.41 0.00	34.26 -0.10 0.00	33.83 0.03 0.00	30.82 0.24 0.00	29.83 0.21 0.00



HQ_GEN_IMPORT 323601	26.94 -0.08 0.00	24.74 -0.05 0.00	23.70 -0.07 0.00	23.48 -0.07 0.00	23.93 -0.10 0.00	26.96 -0.11 0.00	33.80 -0.20 -0.45	38.73 -0.60 0.45	33.80 -0.20 0.00	29.70 -0.09 0.00	29.91 -0.06 0.00	28.24 -0.03 0.00	27.62 -0.03 0.00	27.67 0.00 0.00	28.66 0.03 0.00	33.80 -0.03 -3.15	36.07 -0.44 3.15	45.35 -0.46 0.00	41.72 -0.42 0.00	37.29 -0.38 0.00	34.22 -0.14 0.00	33.80 0.00 0.00	30.61 0.03 0.00	29.65 0.03 0.00
HQ_GEN_WHEEL 23651	26.94 -0.08 0.00	24.74 -0.05 0.00	23.70 -0.07 0.00	23.48 -0.07 0.00	23.93 -0.10 0.00	26.96 -0.11 0.00	33.80 -0.20 -0.45	38.73 -0.60 0.45	33.80 -0.20 0.00	29.70 -0.09 0.00	29.91 -0.06 0.00	28.24 -0.03 0.00	27.62 -0.03 0.00	27.67 0.00 0.00	28.66 0.03 0.00	33.80 -0.03 -3.15	36.07 -0.44 3.15	45.35 -0.46 0.00	41.72 -0.42 0.00	37.29 -0.38 0.00	34.22 -0.14 0.00	33.80 0.00 0.00	30.61 0.03 0.00	29.65 0.03 0.00
HUDSON AVE_GT_3 23810	28.29 1.27 0.00	25.96 1.17 0.00	24.96 1.19 0.00	24.79 1.25 0.00	25.20 1.18 0.00	28.37 1.30 0.00	35.43 1.88 0.00	42.96 3.18 0.00	36.38 2.38 0.00	31.81 2.03 0.00	31.80 1.83 0.00	29.96 1.70 0.00	29.22 1.58 0.00	29.22 1.55 0.00	30.26 1.63 0.00	32.43 1.75 0.00	42.39 2.74 0.00	49.43 3.62 0.00	44.88 2.74 0.00	40.23 2.56 0.00	36.52 2.16 0.00	35.63 1.83 0.00	32.11 1.53 0.00	31.19 1.57 0.00
HUDSON AVE_GT_4 23540	28.29 1.27 0.00	25.96 1.17 0.00	24.96 1.19 0.00	24.79 1.25 0.00	25.20 1.18 0.00	28.37 1.30 0.00	35.43 1.88 0.00	42.96 3.18 0.00	36.38 2.38 0.00	31.81 2.03 0.00	31.80 1.83 0.00	29.96 1.70 0.00	29.22 1.58 0.00	29.22 1.55 0.00	30.26 1.63 0.00	32.43 1.75 0.00	42.39 2.74 0.00	49.43 3.62 0.00	44.88 2.74 0.00	40.23 2.56 0.00	36.52 2.16 0.00	35.63 1.83 0.00	32.11 1.53 0.00	31.19 1.57 0.00
HUDSON AVE_GT_5 23657	28.29 1.27 0.00	25.96 1.17 0.00	24.96 1.19 0.00	24.79 1.25 0.00	25.20 1.18 0.00	28.37 1.30 0.00	35.43 1.88 0.00	42.96 3.18 0.00	36.38 2.38 0.00	31.81 2.03 0.00	31.80 1.83 0.00	29.96 1.70 0.00	29.22 1.58 0.00	29.22 1.55 0.00	30.26 1.63 0.00	32.43 1.75 0.00	42.39 2.74 0.00	49.43 3.62 0.00	44.88 2.74 0.00	40.23 2.56 0.00	36.52 2.16 0.00	35.63 1.83 0.00	32.11 1.53 0.00	31.19 1.57 0.00
HUDSON_AVE_10 24168	28.23 1.22 0.00	25.91 1.12 0.00	24.89 1.12 0.00	24.75 1.20 0.00	25.15 1.13 0.00	28.31 1.25 0.00	35.40 1.85 0.00	42.88 3.10 0.00	36.31 2.31 0.00	31.75 1.97 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.37 1.69 0.00	42.31 2.66 0.00	49.38 3.57 0.00	44.84 2.70 0.00	40.19 2.52 0.00	36.45 2.10 0.00	35.59 1.79 0.00	32.05 1.47 0.00	31.13 1.51 0.00
HUDSON___115KV_TB 4 355613	27.88 0.86 0.00	25.61 0.82 0.00	24.65 0.88 0.00	24.44 0.89 0.00	24.99 0.96 0.00	28.04 0.97 0.00	34.96 1.41 0.00	41.76 1.99 0.00	35.43 1.43 0.00	30.59 0.80 0.00	30.63 0.66 0.00	28.89 0.62 0.00	28.31 0.66 0.00	28.36 0.69 0.00	29.38 0.74 0.00	31.60 0.92 0.00	41.24 1.59 0.00	48.14 2.34 0.00	44.08 1.94 0.00	39.36 1.69 0.00	35.97 1.61 0.00	35.12 1.32 0.00	31.56 0.98 0.00	30.57 0.95 0.00
HUNTER MOUNT___DRP 323613	28.04 1.03 0.00	25.76 0.97 0.00	24.79 1.02 0.00	24.58 1.04 0.00	25.15 1.13 0.00	28.20 1.14 0.00	35.16 1.61 0.00	41.92 2.15 0.00	35.53 1.53 0.00	30.56 0.77 0.00	30.60 0.63 0.00	28.83 0.57 0.00	28.26 0.61 0.00	28.36 0.69 0.00	29.38 0.74 0.00	31.66 0.98 0.00	41.36 1.71 0.00	48.33 2.52 0.00	44.29 2.15 0.00	39.51 1.85 0.00	36.08 1.72 0.00	35.22 1.42 0.00	31.65 1.07 0.00	30.66 1.04 0.00
HUNTINGTON_RES_REC 323705	36.09 1.78 -7.29	31.10 1.71 -4.60	25.25 1.47 0.00	25.08 1.53 0.00	25.56 1.54 0.00	28.77 1.71 0.00	37.60 2.62 -1.42	43.36 3.58 0.00	38.91 2.82 -2.09	32.05 2.26 0.00	35.49 2.40 -3.12	32.51 2.23 -2.01	29.36 1.71 0.00	29.44 1.77 0.00	30.67 2.03 0.00	35.31 2.30 -2.33	45.52 3.37 -2.50	60.20 3.98 -10.41	53.35 3.46 -7.76	50.28 3.16 -9.45	44.37 2.48 -7.54	39.55 2.30 -3.45	35.86 2.14 -3.14	33.62 2.19 -1.81
HUNTLEY___63 23557	25.94 -1.08 0.00	23.75 -1.04 0.00	22.56 -1.21 0.00	22.28 -1.27 0.00	22.85 -1.18 0.00	25.61 -1.46 0.00	31.84 -1.71 0.00	36.71 -3.06 0.00	32.27 -1.73 0.00	28.51 -1.28 0.00	28.74 -1.23 0.00	27.11 -1.16 0.00	26.49 -1.16 0.00	26.59 -1.08 0.00	27.40 -1.23 0.00	29.27 -1.41 0.00	38.35 -1.31 0.00	43.75 -2.06 0.00	40.29 -1.85 0.00	35.78 -1.88 0.00	32.81 -1.55 0.00	32.21 -1.59 0.00	29.30 -1.28 0.00	28.64 -0.98 0.00
HUNTLEY___64 23558	25.94 -1.08 0.00	23.75 -1.04 0.00	22.56 -1.21 0.00	22.28 -1.27 0.00	22.85 -1.18 0.00	25.61 -1.46 0.00	31.84 -1.71 0.00	36.71 -3.06 0.00	32.27 -1.73 0.00	28.51 -1.28 0.00	28.74 -1.23 0.00	27.11 -1.16 0.00	26.49 -1.16 0.00	26.59 -1.08 0.00	27.40 -1.23 0.00	29.27 -1.41 0.00	38.35 -1.31 0.00	43.75 -2.06 0.00	40.29 -1.85 0.00	35.78 -1.88 0.00	32.81 -1.55 0.00	32.21 -1.59 0.00	29.30 -1.28 0.00	28.64 -0.98 0.00
HUNTLEY___65 23559	25.94 -1.08 0.00	23.75 -1.04 0.00	22.56 -1.21 0.00	22.28 -1.27 0.00	22.85 -1.18 0.00	25.61 -1.46 0.00	31.84 -1.71 0.00	36.71 -3.06 0.00	32.27 -1.73 0.00	28.51 -1.28 0.00	28.74 -1.23 0.00	27.11 -1.16 0.00	26.49 -1.16 0.00	26.59 -1.08 0.00	27.40 -1.23 0.00	29.27 -1.41 0.00	38.35 -1.31 0.00	43.75 -2.06 0.00	40.29 -1.85 0.00	35.78 -1.88 0.00	32.81 -1.55 0.00	32.21 -1.59 0.00	29.30 -1.28 0.00	28.64 -0.98 0.00
HUNTLEY___66 23560	25.94 -1.08 0.00	23.75 -1.04 0.00	22.56 -1.21 0.00	22.28 -1.27 0.00	22.85 -1.18 0.00	25.61 -1.46 0.00	31.84 -1.71 0.00	36.71 -3.06 0.00	32.27 -1.73 0.00	28.51 -1.28 0.00	28.74 -1.23 0.00	27.11 -1.16 0.00	26.49 -1.16 0.00	26.59 -1.08 0.00	27.40 -1.23 0.00	29.27 -1.41 0.00	38.35 -1.31 0.00	43.75 -2.06 0.00	40.29 -1.85 0.00	35.78 -1.88 0.00	32.81 -1.55 0.00	32.21 -1.59 0.00	29.30 -1.28 0.00	28.64 -0.98 0.00
HUNTLEY___67 23561	25.83 -1.19 0.00	23.65 -1.14 0.00	22.49 -1.28 0.00	22.20 -1.34 0.00	22.75 -1.27 0.00	25.53 -1.54 0.00	31.71 -1.85 0.00	36.55 -3.22 0.00	32.10 -1.90 0.00	28.39 -1.40 0.00	28.62 -1.35 0.00	27.00 -1.27 0.00	26.40 -1.24 0.00	26.51 -1.16 0.00	27.29 -1.35 0.00	29.12 -1.56 0.00	38.15 -1.51 0.00	43.52 -2.29 0.00	40.12 -2.02 0.00	35.67 -2.00 0.00	32.67 -1.68 0.00	32.11 -1.69 0.00	29.20 -1.38 0.00	28.55 -1.07 0.00
HUNTLEY___68 23562	25.83 -1.19 0.00	23.65 -1.14 0.00	22.49 -1.28 0.00	22.20 -1.34 0.00	22.75 -1.27 0.00	25.53 -1.54 0.00	31.71 -1.85 0.00	36.55 -3.22 0.00	32.10 -1.90 0.00	28.39 -1.40 0.00	28.62 -1.35 0.00	27.00 -1.27 0.00	26.40 -1.24 0.00	26.51 -1.16 0.00	27.29 -1.35 0.00	29.12 -1.56 0.00	38.15 -1.51 0.00	43.52 -2.29 0.00	40.12 -2.02 0.00	35.67 -2.00 0.00	32.67 -1.68 0.00	32.11 -1.69 0.00	29.20 -1.38 0.00	28.55 -1.07 0.00



HYLAND___LFGE 323620	27.96 0.95 0.00	25.41 0.62 0.00	24.22 0.45 0.00	23.92 0.38 0.00	24.55 0.53 0.00	27.72 0.65 0.00	34.73 1.17 0.00	40.97 1.19 0.00	35.23 1.22 0.00	30.80 1.01 0.00	30.75 0.78 0.00	29.00 0.73 0.00	28.53 0.88 0.00	28.66 0.99 0.00	29.46 0.83 0.00	31.91 1.23 0.00	42.31 2.66 0.00	48.70 2.89 0.00	45.18 3.04 0.00	40.23 2.56 0.00	36.59 2.23 0.00	35.62 1.82 0.00	32.32 1.74 0.00	31.01 1.39 0.00
INDECK___CORINTH 23802	28.26 1.24 0.00	25.96 1.17 0.00	24.94 1.16 0.00	24.72 1.18 0.00	25.25 1.22 0.00	28.47 1.41 0.00	35.70 2.15 0.00	42.68 2.90 0.00	36.15 2.14 0.00	31.28 1.49 0.00	31.38 1.41 0.00	29.51 1.24 0.00	28.84 1.19 0.00	28.88 1.22 0.00	30.03 1.40 0.00	31.42 0.74 0.00	40.96 1.31 0.00	47.55 1.74 0.00	43.70 1.56 0.00	38.95 1.28 0.00	35.39 1.03 0.00	34.58 0.78 0.00	31.13 0.55 0.00	31.10 1.48 0.00
INDECK___ILION 23567	27.37 0.35 0.00	25.09 0.30 0.00	24.06 0.29 0.00	23.83 0.28 0.00	24.31 0.29 0.00	27.45 0.38 0.00	34.09 0.54 0.00	40.65 0.88 0.00	34.65 0.65 0.00	30.26 0.48 0.00	30.45 0.48 0.00	28.69 0.42 0.00	28.03 0.39 0.00	28.06 0.39 0.00	29.03 0.40 0.00	31.17 0.49 0.00	40.49 0.83 0.00	46.86 1.05 0.00	42.98 0.84 0.00	38.46 0.79 0.00	35.05 0.69 0.00	34.37 0.57 0.00	31.04 0.46 0.00	30.03 0.41 0.00
INDECK___OLEAN 23982	27.26 0.24 0.00	24.87 0.07 0.00	23.70 -0.07 0.00	23.41 -0.14 0.00	23.98 -0.05 0.00	26.96 -0.11 0.00	33.69 0.13 0.00	39.38 -0.40 0.00	34.11 0.10 0.00	30.12 0.33 0.00	30.33 0.36 0.00	28.58 0.31 0.00	28.17 0.52 0.00	28.19 0.52 0.00	28.72 0.09 0.00	30.71 0.03 0.00	40.37 0.71 0.00	46.04 0.23 0.00	42.69 0.55 0.00	37.93 0.27 0.00	34.53 0.17 0.00	33.77 -0.03 0.00	31.04 0.46 0.00	30.15 0.53 0.00
INDECK___OSWEGO 23783	26.42 -0.59 0.00	24.22 -0.57 0.00	23.20 -0.57 0.00	22.98 -0.57 0.00	23.47 -0.55 0.00	26.47 -0.60 0.00	32.65 -0.90 0.00	38.74 -1.03 0.00	33.02 -0.99 0.00	28.92 -0.86 0.00	29.07 -0.90 0.00	27.42 -0.85 0.00	26.84 -0.80 0.00	26.84 -0.83 0.00	27.71 -0.92 0.00	29.76 -0.92 0.00	38.75 -0.91 0.00	44.71 -1.10 0.00	41.17 -0.97 0.00	36.80 -0.86 0.00	33.46 -0.89 0.00	32.82 -0.98 0.00	29.69 -0.89 0.00	28.70 -0.92 0.00
INDECK___YERKES 23781	26.05 -0.97 0.00	23.78 -1.02 0.00	22.63 -1.14 0.00	22.32 -1.23 0.00	22.92 -1.10 0.00	25.69 -1.38 0.00	31.84 -1.71 0.00	37.23 -2.55 0.00	32.58 -1.43 0.00	28.89 -0.89 0.00	29.07 -0.90 0.00	27.36 -0.91 0.00	27.09 -0.55 0.00	27.14 -0.53 0.00	27.66 -0.97 0.00	29.64 -1.04 0.00	38.94 -0.71 0.00	44.16 -1.65 0.00	41.00 -1.14 0.00	36.50 -1.17 0.00	33.33 -1.03 0.00	32.55 -1.25 0.00	29.82 -0.76 0.00	28.88 -0.74 0.00
INDIAN POINT_GT_1 24139	28.13 1.11 0.00	25.83 1.04 0.00	24.79 1.02 0.00	24.61 1.06 0.00	25.06 1.03 0.00	28.20 1.14 0.00	35.23 1.68 0.00	42.60 2.82 0.00	36.08 2.07 0.00	31.49 1.70 0.00	31.53 1.56 0.00	29.71 1.44 0.00	28.97 1.33 0.00	28.97 1.30 0.00	30.01 1.37 0.00	32.15 1.47 0.00	42.00 2.34 0.00	49.01 3.21 0.00	44.54 2.40 0.00	39.89 2.22 0.00	36.25 1.89 0.00	35.39 1.59 0.00	31.89 1.31 0.00	30.95 1.33 0.00
INDIAN POINT_GT_2 23659	28.13 1.11 0.00	25.83 1.04 0.00	24.79 1.02 0.00	24.61 1.06 0.00	25.06 1.03 0.00	28.20 1.14 0.00	35.23 1.68 0.00	42.60 2.82 0.00	36.08 2.07 0.00	31.49 1.70 0.00	31.53 1.56 0.00	29.71 1.44 0.00	28.97 1.33 0.00	28.97 1.30 0.00	30.01 1.37 0.00	32.15 1.47 0.00	42.00 2.34 0.00	49.01 3.21 0.00	44.54 2.40 0.00	39.89 2.22 0.00	36.25 1.89 0.00	35.39 1.59 0.00	31.89 1.31 0.00	30.95 1.33 0.00
INDIAN POINT_GT_3 24019	28.13 1.11 0.00	25.83 1.04 0.00	24.79 1.02 0.00	24.61 1.06 0.00	25.06 1.03 0.00	28.20 1.14 0.00	35.23 1.68 0.00	42.60 2.82 0.00	36.08 2.07 0.00	31.49 1.70 0.00	31.53 1.56 0.00	29.71 1.44 0.00	28.97 1.33 0.00	28.97 1.30 0.00	30.01 1.37 0.00	32.15 1.47 0.00	42.00 2.34 0.00	49.01 3.21 0.00	44.54 2.40 0.00	39.89 2.22 0.00	36.25 1.89 0.00	35.39 1.59 0.00	31.89 1.31 0.00	30.95 1.33 0.00
INDIAN POINT___2 23530	27.99 0.97 0.00	25.71 0.92 0.00	24.70 0.93 0.00	24.51 0.97 0.00	24.96 0.94 0.00	28.10 1.03 0.00	35.20 1.64 0.00	42.48 2.71 0.00	35.84 1.83 0.00	31.37 1.58 0.00	31.44 1.47 0.00	29.63 1.36 0.00	28.86 1.22 0.00	28.83 1.16 0.00	29.89 1.26 0.00	32.06 1.38 0.00	41.84 2.18 0.00	48.42 2.61 0.00	44.37 2.23 0.00	39.70 2.03 0.00	35.83 1.48 0.00	35.15 1.35 0.00	31.80 1.22 0.00	30.86 1.24 0.00
INDIAN POINT___3 23531	28.10 1.08 0.00	25.81 1.02 0.00	24.77 1.00 0.00	24.58 1.04 0.00	25.03 1.01 0.00	28.20 1.14 0.00	35.20 1.64 0.00	42.56 2.78 0.00	36.01 2.01 0.00	31.43 1.64 0.00	31.50 1.53 0.00	29.68 1.41 0.00	28.95 1.30 0.00	28.94 1.27 0.00	29.98 1.35 0.00	32.12 1.44 0.00	41.92 2.26 0.00	48.92 3.11 0.00	44.50 2.36 0.00	39.81 2.15 0.00	36.21 1.86 0.00	35.35 1.55 0.00	31.86 1.28 0.00	30.92 1.30 0.00
INGHAM_C_115KV_TB7 356103	27.50 0.49 0.00	25.19 0.40 0.00	24.15 0.38 0.00	23.92 0.38 0.00	24.41 0.38 0.00	27.58 0.51 0.00	34.29 0.74 0.00	40.89 1.11 0.00	34.89 0.88 0.00	30.47 0.69 0.00	30.66 0.69 0.00	28.86 0.59 0.00	28.20 0.55 0.00	28.22 0.55 0.00	29.20 0.57 0.00	31.39 0.71 0.00	40.73 1.07 0.00	47.14 1.33 0.00	43.23 1.10 0.00	38.68 1.02 0.00	35.25 0.89 0.00	34.58 0.78 0.00	31.22 0.64 0.00	30.21 0.59 0.00
IP CORINTH___1 23988	28.32 1.30 0.00	25.98 1.19 0.00	24.96 1.19 0.00	24.75 1.20 0.00	25.32 1.30 0.00	28.50 1.43 0.00	35.70 2.15 0.00	42.68 2.90 0.00	36.25 2.24 0.00	31.28 1.49 0.00	31.41 1.44 0.00	29.51 1.24 0.00	28.89 1.24 0.00	28.94 1.27 0.00	30.06 1.43 0.00	32.43 1.75 0.00	42.39 2.74 0.00	49.47 3.66 0.00	45.22 3.08 0.00	40.27 2.60 0.00	36.83 2.47 0.00	35.86 2.06 0.00	32.17 1.59 0.00	31.13 1.51 0.00
IP___TICONDEROGA 23804	29.26 2.24 0.00	26.88 2.08 0.00	25.79 2.02 0.00	25.60 2.05 0.00	26.23 2.21 0.00	29.50 2.44 0.00	37.18 3.62 0.00	44.39 4.61 0.00	37.64 3.64 0.00	32.32 2.53 0.00	32.40 2.43 0.00	30.36 2.09 0.00	29.72 2.07 0.00	29.77 2.10 0.00	31.01 2.38 0.00	33.57 2.88 0.00	44.10 4.44 0.00	51.58 5.77 0.00	47.15 5.01 0.00	41.85 4.18 0.00	38.38 4.02 0.00	37.18 3.38 0.00	33.27 2.69 0.00	32.20 2.58 0.00
ISLIP_RES_REC 323679	36.66 2.30 -7.35	31.55 2.16 -4.60	25.48 1.71 0.00	25.31 1.77 0.00	25.80 1.78 0.00	29.04 1.97 0.00	38.03 3.05 -1.42	44.07 4.30 0.00	39.46 3.37 -2.09	32.32 2.53 0.00	36.06 2.97 -3.12	33.02 2.74 -2.01	29.55 1.91 0.00	29.69 2.02 0.00	30.95 2.32 0.00	35.74 2.73 -2.33	46.32 4.16 -2.50	61.12 4.90 -10.41	54.20 4.30 -7.76	51.00 3.88 -9.45	45.02 3.13 -7.54	40.23 2.98 -3.45	36.29 2.57 -3.14	34.00 2.58 -1.81



JAMAICA__27_KV_LOAD 355505	28.40 1.38 0.00	26.06 1.26 0.00	25.03 1.26 0.00	24.87 1.32 0.00	25.27 1.25 0.00	28.48 1.41 0.00	35.67 2.11 0.00	43.23 3.46 0.00	36.62 2.62 0.00	32.02 2.23 0.00	31.98 2.01 0.00	30.13 1.87 0.00	29.36 1.71 0.00	29.36 1.69 0.00	30.41 1.78 0.00	32.61 1.93 0.00	42.71 3.05 0.00	49.84 4.03 0.00	45.30 3.16 0.00	40.60 2.94 0.00	36.80 2.44 0.00	35.90 2.10 0.00	32.29 1.71 0.00	31.37 1.75 0.00
JANIS__SOLAR 323808	28.72 1.70 0.00	26.26 1.46 0.00	25.10 1.33 0.00	24.89 1.34 0.00	25.44 1.42 0.00	28.85 1.79 0.00	35.94 2.38 0.00	42.84 3.06 0.00	36.18 2.18 0.00	31.43 1.64 0.00	31.47 1.50 0.00	29.57 1.30 0.00	28.86 1.22 0.00	28.97 1.30 0.00	29.98 1.35 0.00	32.49 1.81 0.00	42.83 3.17 0.00	49.52 3.71 0.00	45.80 3.66 0.00	40.87 3.20 0.00	37.07 2.71 0.00	36.20 2.40 0.00	32.72 2.14 0.00	31.54 1.92 0.00
JARVIS____ 23743	27.13 0.11 0.00	24.89 0.10 0.00	23.89 0.12 0.00	23.67 0.12 0.00	24.15 0.12 0.00	27.20 0.14 0.00	33.79 0.24 0.00	40.21 0.44 0.00	34.27 0.27 0.00	29.97 0.18 0.00	30.15 0.18 0.00	28.41 0.14 0.00	27.79 0.14 0.00	27.78 0.11 0.00	28.78 0.14 0.00	30.87 0.19 0.00	40.05 0.40 0.00	46.27 0.46 0.00	42.52 0.38 0.00	38.00 0.34 0.00	34.60 0.24 0.00	34.00 0.20 0.00	30.73 0.15 0.00	29.77 0.15 0.00
JENNISON____1 23625	28.96 1.95 0.00	26.50 1.71 0.00	25.34 1.57 0.00	25.10 1.55 0.00	25.66 1.63 0.00	29.10 2.03 0.00	36.30 2.75 0.00	43.27 3.50 0.00	36.69 2.69 0.00	31.81 2.03 0.00	31.89 1.92 0.00	29.99 1.72 0.00	29.22 1.58 0.00	29.30 1.63 0.00	30.38 1.75 0.00	32.86 2.18 0.00	43.22 3.57 0.00	50.21 4.40 0.00	46.06 3.92 0.00	41.13 3.47 0.00	37.45 3.09 0.00	36.54 2.74 0.00	32.93 2.35 0.00	31.84 2.22 0.00
JENNISON____2 23626	28.96 1.95 0.00	26.50 1.71 0.00	25.34 1.57 0.00	25.10 1.55 0.00	25.66 1.63 0.00	29.10 2.03 0.00	36.30 2.75 0.00	43.27 3.50 0.00	36.69 2.69 0.00	31.81 2.03 0.00	31.89 1.92 0.00	29.99 1.72 0.00	29.22 1.58 0.00	29.30 1.63 0.00	30.38 1.75 0.00	32.86 2.18 0.00	43.22 3.57 0.00	50.21 4.40 0.00	46.06 3.92 0.00	41.13 3.47 0.00	37.45 3.09 0.00	36.54 2.74 0.00	32.93 2.35 0.00	31.84 2.22 0.00
JERICOHO_RISE_WT_PWR 323719	26.86 -0.16 0.00	24.59 -0.20 0.00	23.56 -0.21 0.00	23.27 -0.28 0.00	23.71 -0.31 0.00	26.77 -0.30 0.00	33.12 -0.44 0.00	38.82 -0.95 0.00	33.53 -0.48 0.00	29.49 -0.30 0.00	29.94 -0.03 0.00	28.27 0.00 0.00	27.73 0.08 0.00	27.86 0.20 0.00	28.95 0.32 0.00	31.02 0.34 0.00	39.70 0.04 0.00	45.99 0.18 0.00	42.31 0.17 0.00	37.78 0.11 0.00	34.74 0.38 0.00	34.27 0.47 0.00	31.07 0.49 0.00	30.09 0.47 0.00
KATONAH__115KV_46KV_TB4 355592	28.32 1.30 0.00	26.01 1.21 0.00	24.96 1.19 0.00	24.79 1.25 0.00	25.20 1.18 0.00	28.39 1.33 0.00	35.43 1.88 0.00	42.92 3.14 0.00	36.35 2.35 0.00	31.66 1.88 0.00	31.71 1.74 0.00	29.85 1.58 0.00	29.11 1.47 0.00	29.11 1.44 0.00	30.18 1.55 0.00	32.37 1.69 0.00	42.31 2.66 0.00	49.47 3.66 0.00	45.00 2.87 0.00	40.23 2.56 0.00	36.63 2.27 0.00	35.73 1.93 0.00	32.08 1.50 0.00	31.13 1.51 0.00
KCE_NY_1 323755	28.18 1.16 0.00	25.88 1.09 0.00	24.87 1.09 0.00	24.63 1.08 0.00	25.15 1.13 0.00	28.34 1.27 0.00	35.43 1.88 0.00	42.36 2.58 0.00	35.91 1.90 0.00	31.13 1.34 0.00	31.26 1.29 0.00	29.43 1.16 0.00	28.78 1.13 0.00	28.83 1.16 0.00	29.95 1.32 0.00	32.00 1.32 0.00	41.68 2.02 0.00	48.28 2.47 0.00	44.37 2.23 0.00	39.59 1.92 0.00	35.97 1.62 0.00	35.25 1.45 0.00	31.74 1.16 0.00	31.01 1.39 0.00
KCE_NY_6_ESR 323823	26.42 -0.59 0.00	24.12 -0.67 0.00	22.96 -0.81 0.00	22.68 -0.87 0.00	23.23 -0.79 0.00	26.09 -0.97 0.00	32.45 -1.11 0.00	37.98 -1.79 0.00	33.12 -0.88 0.00	29.34 -0.45 0.00	29.55 -0.42 0.00	27.85 -0.42 0.00	27.51 -0.14 0.00	27.56 -0.11 0.00	28.12 -0.51 0.00	30.13 -0.55 0.00	39.54 -0.12 0.00	44.94 -0.87 0.00	41.72 -0.42 0.00	37.10 -0.56 0.00	33.84 -0.51 0.00	33.06 -0.74 0.00	30.30 -0.28 0.00	29.35 -0.27 0.00
KEDC_PORT_JEFF_GT2 24210	36.51 2.13 -7.36	31.37 1.98 -4.60	25.36 1.59 0.00	25.17 1.62 0.00	25.66 1.63 0.00	28.85 1.79 0.00	37.80 2.82 -1.42	43.75 3.98 0.00	39.18 3.09 -2.09	32.02 2.24 0.00	35.76 2.67 -3.12	32.71 2.43 -2.01	29.39 1.74 0.00	29.49 1.83 0.00	30.78 2.15 0.00	35.53 2.52 -2.33	45.96 3.81 -2.50	60.52 4.30 -10.41	53.69 3.79 -7.76	50.70 3.58 -9.45	44.75 2.85 -7.54	39.96 2.71 -3.45	36.07 2.35 -3.14	33.80 2.37 -1.81
KEDC_PORT_JEFF_GT3 24211	36.51 2.13 -7.36	31.37 1.98 -4.60	25.36 1.59 0.00	25.17 1.62 0.00	25.66 1.63 0.00	28.85 1.79 0.00	37.80 2.82 -1.42	43.75 3.98 0.00	39.18 3.09 -2.09	32.02 2.24 0.00	35.76 2.67 -3.12	32.71 2.43 -2.01	29.39 1.74 0.00	29.49 1.83 0.00	30.78 2.15 0.00	35.53 2.52 -2.33	45.96 3.81 -2.50	60.52 4.30 -10.41	53.69 3.79 -7.76	50.70 3.58 -9.45	44.75 2.85 -7.54	39.96 2.71 -3.45	36.07 2.35 -3.14	33.80 2.37 -1.81
KEDC_GLWD_GT4 24219	36.00 1.68 -7.31	30.98 1.59 -4.60	25.25 1.47 0.00	25.06 1.51 0.00	25.54 1.51 0.00	28.75 1.68 0.00	37.56 2.58 -1.42	43.51 3.74 0.00	38.95 2.86 -2.09	32.14 2.35 0.00	35.43 2.34 -3.12	32.46 2.18 -2.01	29.47 1.82 0.00	29.55 1.88 0.00	30.69 2.06 0.00	35.31 2.30 -2.33	45.41 3.25 -2.50	60.11 3.89 -10.41	53.31 3.41 -7.76	50.21 3.09 -9.45	44.27 2.37 -7.54	39.62 2.37 -3.45	35.83 2.11 -3.14	33.50 2.07 -1.81
KEDC_GLWD_GT5 24220	36.00 1.68 -7.31	30.98 1.59 -4.60	25.25 1.47 0.00	25.06 1.51 0.00	25.54 1.51 0.00	28.75 1.68 0.00	37.56 2.58 -1.42	43.51 3.74 0.00	38.95 2.86 -2.09	32.14 2.35 0.00	35.43 2.34 -3.12	32.46 2.18 -2.01	29.47 1.82 0.00	29.55 1.88 0.00	30.69 2.06 0.00	35.31 2.30 -2.33	45.41 3.25 -2.50	60.11 3.89 -10.41	53.31 3.41 -7.76	50.21 3.09 -9.45	44.27 2.37 -7.54	39.62 2.37 -3.45	35.83 2.11 -3.14	33.50 2.07 -1.81
KENSICO____ 23655	28.18 1.16 0.00	25.88 1.09 0.00	24.87 1.09 0.00	24.68 1.13 0.00	25.13 1.11 0.00	28.29 1.22 0.00	35.30 1.74 0.00	42.72 2.94 0.00	36.18 2.18 0.00	31.58 1.79 0.00	31.65 1.68 0.00	29.79 1.53 0.00	29.06 1.41 0.00	29.05 1.38 0.00	30.09 1.46 0.00	32.28 1.60 0.00	42.11 2.46 0.00	49.15 3.34 0.00	44.71 2.57 0.00	40.04 2.37 0.00	36.39 2.03 0.00	35.49 1.69 0.00	31.99 1.41 0.00	31.04 1.42 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	28.42 1.40 0.00	26.08 1.29 0.00	25.01 1.24 0.00	24.82 1.27 0.00	25.30 1.27 0.00	28.53 1.46 0.00	35.57 2.01 0.00	42.80 3.02 0.00	36.21 2.21 0.00	31.55 1.76 0.00	31.56 1.59 0.00	29.71 1.44 0.00	28.95 1.30 0.00	28.89 1.22 0.00	29.98 1.35 0.00	32.18 1.50 0.00	42.19 2.54 0.00	49.34 3.53 0.00	44.92 2.78 0.00	40.19 2.52 0.00	36.49 2.13 0.00	35.63 1.83 0.00	32.11 1.53 0.00	31.16 1.54 0.00



KIAC_JFK_GT1 23816	28.32 1.30 0.00	25.98 1.19 0.00	24.96 1.19 0.00	24.82 1.27 0.00	25.20 1.18 0.00	28.39 1.33 0.00	35.57 2.01 0.00	43.12 3.34 0.00	36.49 2.48 0.00	31.93 2.14 0.00	31.89 1.92 0.00	30.05 1.78 0.00	29.28 1.63 0.00	29.27 1.60 0.00	30.32 1.69 0.00	32.52 1.84 0.00	42.55 2.89 0.00	49.66 3.85 0.00	45.13 2.99 0.00	40.45 2.79 0.00	36.66 2.30 0.00	35.76 1.96 0.00	32.20 1.62 0.00	31.28 1.66 0.00
KIAC_JFK_GT2 23817	28.32 1.30 0.00	25.98 1.19 0.00	24.96 1.19 0.00	24.82 1.27 0.00	25.20 1.18 0.00	28.39 1.33 0.00	35.57 2.01 0.00	43.12 3.34 0.00	36.49 2.48 0.00	31.93 2.14 0.00	31.89 1.92 0.00	30.05 1.78 0.00	29.28 1.63 0.00	29.27 1.60 0.00	30.32 1.69 0.00	32.52 1.84 0.00	42.55 2.89 0.00	49.66 3.85 0.00	45.13 2.99 0.00	40.45 2.79 0.00	36.66 2.30 0.00	35.76 1.96 0.00	32.20 1.62 0.00	31.28 1.66 0.00
KIAC_JFK____ 323774	28.15 1.13 0.00	25.88 1.09 0.00	24.87 1.09 0.00	24.70 1.15 0.00	25.11 1.08 0.00	28.31 1.25 0.00	35.57 2.01 0.00	43.04 3.26 0.00	36.32 2.31 0.00	31.87 2.08 0.00	31.86 1.89 0.00	29.99 1.72 0.00	29.19 1.55 0.00	29.19 1.52 0.00	30.29 1.66 0.00	32.49 1.81 0.00	42.51 2.86 0.00	49.20 3.39 0.00	45.04 2.91 0.00	40.38 2.71 0.00	36.32 1.96 0.00	35.62 1.82 0.00	32.17 1.59 0.00	31.22 1.60 0.00
KINTIGH____ 23543	25.59 -1.43 0.00	23.45 -1.34 0.00	22.32 -1.45 0.00	22.06 -1.48 0.00	22.58 -1.44 0.00	25.39 -1.68 0.00	31.54 -2.01 0.00	36.51 -3.26 0.00	31.89 -2.11 0.00	28.15 -1.64 0.00	28.38 -1.59 0.00	26.77 -1.50 0.00	26.18 -1.47 0.00	26.26 -1.41 0.00	27.06 -1.57 0.00	28.93 -1.75 0.00	37.83 -1.82 0.00	43.24 -2.57 0.00	39.82 -2.32 0.00	35.44 -2.22 0.00	32.43 -1.92 0.00	31.87 -1.93 0.00	28.93 -1.65 0.00	28.20 -1.42 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	27.21 0.19 0.00	24.92 0.12 0.00	23.84 0.07 0.00	23.55 0.00 0.00	24.00 -0.02 0.00	27.12 0.05 0.00	33.65 0.10 0.00	39.42 -0.36 0.00	33.90 -0.10 0.00	29.91 0.12 0.00	30.54 0.57 0.00	28.81 0.54 0.00	28.26 0.61 0.00	28.36 0.69 0.00	29.46 0.83 0.00	31.57 0.89 0.00	40.53 0.87 0.00	46.63 0.82 0.00	43.28 1.14 0.00	38.65 0.98 0.00	35.22 0.86 0.00	34.81 1.01 0.00	31.65 1.07 0.00	30.63 1.01 0.00
LACHUTE____HYDRO 323717	29.23 2.22 0.00	26.85 2.06 0.00	25.77 2.00 0.00	25.57 2.03 0.00	26.14 2.11 0.00	29.48 2.41 0.00	37.18 3.62 0.00	44.39 4.61 0.00	37.57 3.57 0.00	32.32 2.53 0.00	32.37 2.40 0.00	30.36 2.09 0.00	29.66 2.02 0.00	29.74 2.08 0.00	31.01 2.38 0.00	32.83 2.15 0.00	43.07 3.41 0.00	50.07 4.26 0.00	46.06 3.92 0.00	40.87 3.20 0.00	37.24 2.89 0.00	36.23 2.43 0.00	32.51 1.93 0.00	32.19 2.58 0.00
LAWRNCV_115KV_TB1 80681	26.56 -0.46 0.00	24.35 -0.45 0.00	23.34 -0.43 0.00	23.10 -0.45 0.00	23.50 -0.53 0.00	26.55 -0.51 0.00	32.75 -0.81 0.00	38.46 -1.31 0.00	33.08 -0.92 0.00	29.34 -0.45 0.00	29.58 -0.39 0.00	27.87 -0.40 0.00	27.26 -0.39 0.00	27.34 -0.33 0.00	28.37 -0.26 0.00	30.22 -0.46 0.00	38.66 -0.99 0.00	44.34 -1.47 0.00	41.21 -0.93 0.00	36.84 -0.83 0.00	33.57 -0.79 0.00	33.23 -0.57 0.00	30.37 -0.21 0.00	29.35 -0.27 0.00
LEDERLE____ 23769	28.21 1.19 0.00	25.88 1.09 0.00	24.84 1.07 0.00	24.68 1.13 0.00	25.13 1.11 0.00	28.29 1.22 0.00	35.33 1.78 0.00	42.68 2.90 0.00	36.14 2.14 0.00	31.55 1.76 0.00	31.59 1.62 0.00	29.77 1.50 0.00	29.00 1.35 0.00	29.00 1.33 0.00	30.04 1.40 0.00	32.18 1.50 0.00	42.00 2.34 0.00	49.01 3.21 0.00	44.58 2.44 0.00	39.93 2.26 0.00	36.28 1.92 0.00	35.42 1.62 0.00	31.93 1.35 0.00	30.98 1.36 0.00
LIGHTHSE_115KV_TB6 355974	26.40 -0.62 0.00	24.17 -0.62 0.00	23.15 -0.62 0.00	22.93 -0.61 0.00	23.42 -0.60 0.00	26.47 -0.60 0.00	32.81 -0.74 0.00	38.94 -0.84 0.00	33.19 -0.82 0.00	28.98 -0.80 0.00	29.13 -0.84 0.00	27.42 -0.85 0.00	26.79 -0.86 0.00	26.84 -0.83 0.00	27.77 -0.86 0.00	29.88 -0.80 0.00	38.98 -0.67 0.00	45.21 -0.60 0.00	41.51 -0.63 0.00	37.06 -0.60 0.00	33.77 -0.58 0.00	33.06 -0.74 0.00	29.82 -0.76 0.00	28.79 -0.83 0.00
LINDEN COGEN____ 23786	27.96 0.95 0.00	25.68 0.89 0.00	24.67 0.90 0.00	24.54 0.99 0.00	24.96 0.94 0.00	28.07 1.00 0.00	35.20 1.64 0.00	42.60 2.82 0.00	35.94 1.94 0.00	31.54 1.76 0.00	31.56 1.59 0.00	29.74 1.47 0.00	28.95 1.30 0.00	28.94 1.27 0.00	30.03 1.40 0.00	32.18 1.50 0.00	42.04 2.38 0.00	48.56 2.75 0.00	44.46 2.32 0.00	39.85 2.18 0.00	35.91 1.55 0.00	35.22 1.42 0.00	31.83 1.25 0.00	30.92 1.30 0.00
LINDHRST_69_KV_BK1 356055	36.55 2.22 -7.31	31.45 2.06 -4.60	25.55 1.78 0.00	25.36 1.81 0.00	25.87 1.85 0.00	29.15 2.08 0.00	38.03 3.05 -1.42	44.23 4.45 0.00	39.56 3.47 -2.09	32.50 2.71 0.00	35.91 2.82 -3.12	32.88 2.60 -2.01	29.78 2.13 0.00	29.85 2.19 0.00	31.07 2.43 0.00	35.77 2.76 -2.33	46.24 4.08 -2.50	61.44 5.22 -10.41	54.19 4.30 -7.76	51.00 3.88 -9.45	45.26 3.37 -7.54	40.33 3.08 -3.45	36.32 2.60 -3.14	33.98 2.55 -1.81
LIPA_MISC_IPP 23656	36.61 2.24 -7.35	31.47 2.08 -4.60	25.25 1.47 0.00	25.05 1.51 0.00	25.54 1.51 0.00	28.75 1.68 0.00	37.56 2.58 -1.42	43.75 3.98 0.00	39.12 3.03 -2.09	31.96 2.17 0.00	35.85 2.76 -3.12	32.82 2.54 -2.01	29.25 1.60 0.00	29.36 1.69 0.00	30.58 1.95 0.00	35.28 2.27 -2.33	45.72 3.57 -2.50	60.85 4.63 -10.41	53.60 3.71 -7.76	50.51 3.39 -9.45	44.82 2.92 -7.54	39.89 2.64 -3.45	35.89 2.17 -3.14	33.71 2.28 -1.81
LISF__SOLAR 323691	36.53 2.16 -7.35	31.40 2.01 -4.60	25.25 1.47 0.00	25.06 1.51 0.00	25.54 1.51 0.00	28.72 1.65 0.00	37.60 2.62 -1.42	43.55 3.78 0.00	38.98 2.89 -2.09	31.96 2.17 0.00	35.88 2.79 -3.12	32.82 2.55 -2.01	29.17 1.52 0.00	29.30 1.63 0.00	30.55 1.92 0.00	35.31 2.30 -2.33	45.72 3.57 -2.50	60.48 4.26 -10.41	53.65 3.75 -7.76	50.51 3.39 -9.45	44.58 2.68 -7.54	39.79 2.54 -3.45	35.92 2.20 -3.14	33.71 2.28 -1.81
LITTLE FALLS____HYD 24013	27.50 0.49 0.00	25.19 0.40 0.00	24.15 0.38 0.00	23.92 0.38 0.00	24.41 0.38 0.00	27.58 0.51 0.00	34.29 0.74 0.00	40.89 1.11 0.00	34.89 0.88 0.00	30.47 0.69 0.00	30.66 0.69 0.00	28.86 0.59 0.00	28.20 0.55 0.00	28.22 0.55 0.00	29.20 0.57 0.00	31.39 0.71 0.00	40.73 1.07 0.00	47.14 1.33 0.00	43.23 1.10 0.00	38.68 1.02 0.00	35.25 0.89 0.00	34.58 0.78 0.00	31.22 0.64 0.00	30.21 0.59 0.00
LITTLRIV_115KV_TB1 356100	26.88 -0.14 0.00	24.64 -0.15 0.00	23.61 -0.17 0.00	23.36 -0.19 0.00	23.78 -0.24 0.00	26.88 -0.19 0.00	33.22 -0.34 0.00	39.10 -0.68 0.00	33.63 -0.37 0.00	29.79 0.00 0.00	30.00 0.03 0.00	28.24 -0.03 0.00	27.62 -0.03 0.00	27.70 0.03 0.00	28.75 0.11 0.00	30.65 -0.03 0.00	39.22 -0.44 0.00	44.98 -0.82 0.00	41.80 -0.34 0.00	37.40 -0.26 0.00	34.08 -0.27 0.00	33.73 -0.07 0.00	30.79 0.21 0.00	29.71 0.09 0.00



LI_NEWBRDGE___DRP 323616	35.90 1.57 -7.31	30.85 1.46 -4.60	25.08 1.31 0.00	24.89 1.34 0.00	25.37 1.35 0.00	28.56 1.49 0.00	37.22 2.25 -1.42	43.23 3.46 0.00	38.74 2.65 -2.09	31.90 2.11 0.00	35.19 2.10 -3.12	32.23 1.95 -2.01	29.28 1.63 0.00	29.33 1.66 0.00	30.46 1.83 0.00	35.04 2.02 -2.33	45.21 3.05 -2.50	60.21 3.99 -10.41	53.06 3.16 -7.76	49.98 2.86 -9.45	44.37 2.47 -7.54	39.41 2.16 -3.45	35.55 1.83 -3.14	33.29 1.87 -1.81
LOCKPORT_115KV_TB60_63_64 80432	25.72 -1.30 0.00	23.53 -1.26 0.00	22.42 -1.35 0.00	22.06 -1.48 0.00	22.61 -1.42 0.00	25.42 -1.65 0.00	31.61 -1.95 0.00	36.39 -3.38 0.00	31.96 -2.04 0.00	28.27 -1.52 0.00	28.47 -1.50 0.00	26.83 -1.44 0.00	26.24 -1.41 0.00	26.34 -1.33 0.00	27.14 -1.49 0.00	28.99 -1.69 0.00	37.99 -1.67 0.00	43.38 -2.43 0.00	39.95 -2.19 0.00	35.52 -2.15 0.00	32.54 -1.82 0.00	31.94 -1.86 0.00	29.05 -1.53 0.00	28.38 -1.24 0.00
LOCKPORT___CC1 323769	25.78 -1.24 0.00	23.58 -1.21 0.00	22.44 -1.33 0.00	22.16 -1.39 0.00	22.68 -1.34 0.00	25.47 -1.60 0.00	31.54 -2.01 0.00	36.87 -2.90 0.00	32.23 -1.77 0.00	28.60 -1.19 0.00	28.77 -1.20 0.00	27.08 -1.19 0.00	26.82 -0.83 0.00	26.87 -0.80 0.00	27.37 -1.26 0.00	29.36 -1.32 0.00	38.55 -1.11 0.00	43.70 -2.11 0.00	40.62 -1.52 0.00	36.16 -1.51 0.00	33.02 -1.34 0.00	32.21 -1.59 0.00	29.51 -1.07 0.00	28.61 -1.01 0.00
LOCKPORT___CC2 323770	25.78 -1.24 0.00	23.58 -1.21 0.00	22.44 -1.33 0.00	22.16 -1.39 0.00	22.68 -1.34 0.00	25.47 -1.60 0.00	31.54 -2.01 0.00	36.87 -2.90 0.00	32.23 -1.77 0.00	28.60 -1.19 0.00	28.77 -1.20 0.00	27.08 -1.19 0.00	26.82 -0.83 0.00	26.87 -0.80 0.00	27.37 -1.26 0.00	29.36 -1.32 0.00	38.55 -1.11 0.00	43.70 -2.11 0.00	40.62 -1.52 0.00	36.16 -1.51 0.00	33.02 -1.34 0.00	32.21 -1.59 0.00	29.51 -1.07 0.00	28.61 -1.01 0.00
LOCKPORT___CC3 323771	25.78 -1.24 0.00	23.58 -1.21 0.00	22.44 -1.33 0.00	22.16 -1.39 0.00	22.68 -1.34 0.00	25.47 -1.60 0.00	31.54 -2.01 0.00	36.87 -2.90 0.00	32.23 -1.77 0.00	28.60 -1.19 0.00	28.77 -1.20 0.00	27.08 -1.19 0.00	26.82 -0.83 0.00	26.87 -0.80 0.00	27.37 -1.26 0.00	29.36 -1.32 0.00	38.55 -1.11 0.00	43.70 -2.11 0.00	40.62 -1.52 0.00	36.16 -1.51 0.00	33.02 -1.34 0.00	32.21 -1.59 0.00	29.51 -1.07 0.00	28.61 -1.01 0.00
LONG_LAKE_PHOENIX 24014	26.50 -0.51 0.00	24.30 -0.50 0.00	23.27 -0.50 0.00	23.05 -0.49 0.00	23.54 -0.48 0.00	26.55 -0.51 0.00	32.81 -0.74 0.00	38.90 -0.88 0.00	33.22 -0.78 0.00	29.01 -0.77 0.00	29.19 -0.78 0.00	27.53 -0.73 0.00	26.90 -0.75 0.00	26.92 -0.75 0.00	27.83 -0.80 0.00	29.88 -0.80 0.00	38.86 -0.79 0.00	45.03 -0.78 0.00	41.34 -0.80 0.00	36.91 -0.75 0.00	33.67 -0.69 0.00	32.99 -0.81 0.00	29.78 -0.80 0.00	28.82 -0.80 0.00
LOVETT___3 23632	28.07 1.05 0.00	25.78 0.99 0.00	24.75 0.97 0.00	24.56 1.01 0.00	25.01 0.98 0.00	28.18 1.11 0.00	35.16 1.61 0.00	42.48 2.70 0.00	35.97 1.97 0.00	31.40 1.61 0.00	31.47 1.50 0.00	29.65 1.39 0.00	28.92 1.27 0.00	28.89 1.22 0.00	29.89 1.26 0.00	32.03 1.35 0.00	41.84 2.18 0.00	48.83 3.02 0.00	44.37 2.23 0.00	39.74 2.07 0.00	36.14 1.79 0.00	35.25 1.45 0.00	31.80 1.22 0.00	30.86 1.24 0.00
LOVETT___4 23642	28.07 1.05 0.00	25.78 0.99 0.00	24.75 0.97 0.00	24.56 1.01 0.00	25.01 0.98 0.00	28.18 1.11 0.00	35.16 1.61 0.00	42.48 2.70 0.00	35.97 1.97 0.00	31.40 1.61 0.00	31.47 1.50 0.00	29.65 1.39 0.00	28.92 1.27 0.00	28.89 1.22 0.00	29.89 1.26 0.00	32.03 1.35 0.00	41.84 2.18 0.00	48.83 3.02 0.00	44.37 2.23 0.00	39.74 2.07 0.00	36.14 1.79 0.00	35.25 1.45 0.00	31.80 1.22 0.00	30.86 1.24 0.00
LOVETT___5 23593	28.07 1.05 0.00	25.78 0.99 0.00	24.75 0.97 0.00	24.56 1.01 0.00	25.01 0.98 0.00	28.18 1.11 0.00	35.16 1.61 0.00	42.48 2.70 0.00	35.97 1.97 0.00	31.40 1.61 0.00	31.47 1.50 0.00	29.65 1.39 0.00	28.92 1.27 0.00	28.89 1.22 0.00	29.89 1.26 0.00	32.03 1.35 0.00	41.84 2.18 0.00	48.83 3.02 0.00	44.37 2.23 0.00	39.74 2.07 0.00	36.14 1.79 0.00	35.25 1.45 0.00	31.80 1.22 0.00	30.86 1.24 0.00
LOWER RAQUET___HYD 24057	26.37 -0.65 0.00	24.20 -0.60 0.00	23.18 -0.59 0.00	22.93 -0.61 0.00	23.35 -0.67 0.00	26.39 -0.68 0.00	32.58 -0.97 0.00	38.26 -1.51 0.00	33.02 -0.99 0.00	29.16 -0.63 0.00	29.40 -0.57 0.00	27.70 -0.57 0.00	27.09 -0.55 0.00	27.17 -0.50 0.00	28.20 -0.43 0.00	30.07 -0.61 0.00	38.47 -1.19 0.00	44.57 -1.23 0.00	41.00 -1.14 0.00	36.65 -1.02 0.00	33.70 -0.65 0.00	33.23 -0.57 0.00	30.21 -0.37 0.00	29.18 -0.44 0.00
LOWER___HUDSON 24059	27.72 0.70 0.00	25.46 0.67 0.00	24.46 0.69 0.00	24.25 0.71 0.00	24.77 0.75 0.00	27.91 0.84 0.00	34.83 1.27 0.00	41.72 1.95 0.00	35.33 1.32 0.00	30.65 0.86 0.00	30.81 0.84 0.00	29.06 0.79 0.00	28.42 0.77 0.00	28.47 0.80 0.00	29.58 0.94 0.00	31.69 1.01 0.00	41.16 1.51 0.00	47.64 1.83 0.00	43.83 1.69 0.00	39.13 1.47 0.00	35.53 1.17 0.00	34.88 1.08 0.00	31.43 0.86 0.00	30.54 0.92 0.00
LOWVILLE_115KV_TB2 356335	26.80 -0.22 0.00	24.50 -0.30 0.00	23.46 -0.31 0.00	23.22 -0.33 0.00	23.71 -0.31 0.00	26.91 -0.16 0.00	33.49 -0.07 0.00	39.89 0.12 0.00	33.93 -0.07 0.00	29.85 0.06 0.00	29.94 -0.03 0.00	28.16 -0.11 0.00	27.48 -0.17 0.00	27.53 -0.14 0.00	28.57 -0.06 0.00	30.84 0.15 0.00	40.21 0.56 0.00	46.59 0.78 0.00	42.81 0.67 0.00	38.27 0.60 0.00	34.84 0.48 0.00	34.07 0.27 0.00	30.76 0.18 0.00	29.65 0.03 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	28.21 1.19 0.00	25.91 1.12 0.00	24.87 1.09 0.00	24.65 1.11 0.00	25.20 1.18 0.00	28.37 1.30 0.00	35.43 1.88 0.00	42.36 2.59 0.00	35.97 1.97 0.00	31.13 1.34 0.00	31.26 1.29 0.00	29.43 1.16 0.00	28.84 1.19 0.00	28.86 1.19 0.00	29.95 1.32 0.00	32.25 1.56 0.00	42.04 2.38 0.00	48.97 3.16 0.00	44.75 2.61 0.00	39.93 2.26 0.00	36.52 2.16 0.00	35.63 1.83 0.00	32.02 1.44 0.00	31.01 1.39 0.00
LUTHERNY_35_KV_BK2 355980	28.23 1.22 0.00	25.91 1.12 0.00	24.89 1.12 0.00	24.65 1.11 0.00	25.23 1.20 0.00	28.39 1.33 0.00	35.43 1.88 0.00	42.40 2.63 0.00	35.97 1.97 0.00	31.16 1.37 0.00	31.29 1.32 0.00	29.46 1.19 0.00	28.84 1.19 0.00	28.89 1.22 0.00	29.95 1.32 0.00	32.25 1.56 0.00	42.07 2.42 0.00	49.01 3.21 0.00	44.79 2.65 0.00	39.96 2.30 0.00	36.56 2.20 0.00	35.66 1.86 0.00	32.05 1.47 0.00	31.01 1.39 0.00
LWR___OSWEGATCHIE_HYD 23850	26.18 -0.84 0.00	23.97 -0.82 0.00	22.96 -0.81 0.00	22.72 -0.82 0.00	23.16 -0.86 0.00	26.23 -0.84 0.00	32.55 -1.01 0.00	38.50 -1.27 0.00	32.91 -1.09 0.00	29.04 -0.74 0.00	29.19 -0.78 0.00	27.48 -0.79 0.00	26.85 -0.80 0.00	26.92 -0.75 0.00	27.92 -0.72 0.00	29.98 -0.71 0.00	38.74 -0.91 0.00	44.66 -1.15 0.00	41.30 -0.84 0.00	36.91 -0.75 0.00	33.60 -0.76 0.00	33.06 -0.74 0.00	30.00 -0.58 0.00	28.94 -0.68 0.00



LYONS_FALL_HYD 23570	27.21 0.19 0.00	24.89 0.10 0.00	23.84 0.07 0.00	23.59 0.05 0.00	24.10 0.07 0.00	27.31 0.24 0.00	33.99 0.44 0.00	40.49 0.72 0.00	34.44 0.44 0.00	30.20 0.42 0.00	30.33 0.36 0.00	28.52 0.25 0.00	27.84 0.19 0.00	27.89 0.22 0.00	28.92 0.29 0.00	31.20 0.52 0.00	40.69 1.03 0.00	47.05 1.24 0.00	43.28 1.14 0.00	38.64 0.98 0.00	35.15 0.79 0.00	34.44 0.64 0.00	31.07 0.49 0.00	29.98 0.36 0.00
MADISON___COUNTY_LFGE 323628	27.86 0.84 0.00	25.54 0.74 0.00	24.46 0.69 0.00	24.23 0.68 0.00	24.75 0.72 0.00	28.02 0.95 0.00	34.86 1.31 0.00	41.44 1.67 0.00	35.29 1.29 0.00	30.77 0.98 0.00	30.93 0.96 0.00	29.09 0.82 0.00	28.42 0.77 0.00	28.42 0.75 0.00	29.43 0.80 0.00	31.72 1.04 0.00	41.40 1.74 0.00	47.87 2.06 0.00	43.91 1.77 0.00	39.21 1.54 0.00	35.73 1.37 0.00	34.95 1.15 0.00	31.53 0.95 0.00	30.48 0.86 0.00
MALONE___115KV_TB1 356076	27.10 0.08 0.00	24.82 0.02 0.00	23.75 -0.02 0.00	23.48 -0.07 0.00	23.93 -0.10 0.00	27.04 -0.03 0.00	33.45 -0.10 0.00	39.22 -0.56 0.00	33.76 -0.24 0.00	29.82 0.03 0.00	30.21 0.24 0.00	28.52 0.25 0.00	27.95 0.30 0.00	28.06 0.39 0.00	29.15 0.52 0.00	31.20 0.52 0.00	40.01 0.36 0.00	45.99 0.18 0.00	42.69 0.55 0.00	38.12 0.45 0.00	34.77 0.41 0.00	34.37 0.57 0.00	31.28 0.70 0.00	30.27 0.65 0.00
MAPLEWOD_115KV_TB3 80458	27.59 0.57 0.00	25.34 0.55 0.00	24.39 0.62 0.00	24.18 0.64 0.00	24.70 0.67 0.00	27.74 0.68 0.00	34.56 1.01 0.00	41.48 1.71 0.00	35.19 1.19 0.00	30.53 0.74 0.00	30.69 0.72 0.00	28.95 0.68 0.00	28.39 0.75 0.00	28.42 0.75 0.00	29.41 0.77 0.00	31.57 0.89 0.00	41.08 1.43 0.00	47.87 2.06 0.00	43.70 1.56 0.00	39.02 1.36 0.00	35.66 1.31 0.00	34.85 1.05 0.00	31.34 0.76 0.00	30.36 0.74 0.00
MAPLE_RIDGE_WT_1 323574	26.83 -0.19 0.00	24.59 -0.20 0.00	23.56 -0.21 0.00	23.27 -0.28 0.00	23.71 -0.31 0.00	26.74 -0.32 0.00	33.15 -0.40 0.00	39.18 -0.60 0.00	33.66 -0.34 0.00	29.55 -0.24 0.00	29.79 -0.18 0.00	28.10 -0.17 0.00	27.48 -0.16 0.00	27.53 -0.14 0.00	28.52 -0.11 0.00	30.56 -0.12 0.00	39.34 -0.32 0.00	45.49 -0.32 0.00	41.85 -0.29 0.00	37.40 -0.26 0.00	34.22 -0.14 0.00	33.70 -0.10 0.00	30.49 -0.09 0.00	29.53 -0.09 0.00
MAPLE_RIDGE_WT_2 323611	26.83 -0.19 0.00	24.59 -0.20 0.00	23.56 -0.21 0.00	23.27 -0.28 0.00	23.71 -0.31 0.00	26.74 -0.32 0.00	33.15 -0.40 0.00	39.18 -0.60 0.00	33.66 -0.34 0.00	29.55 -0.24 0.00	29.79 -0.18 0.00	28.10 -0.17 0.00	27.48 -0.16 0.00	27.53 -0.14 0.00	28.52 -0.11 0.00	30.56 -0.12 0.00	39.34 -0.32 0.00	45.49 -0.32 0.00	41.85 -0.29 0.00	37.40 -0.26 0.00	34.22 -0.14 0.00	33.70 -0.10 0.00	30.49 -0.09 0.00	29.53 -0.09 0.00
MARBLE_RIVER_WT_PWR 323696	26.83 -0.19 0.00	24.59 -0.20 0.00	23.53 -0.24 0.00	23.27 -0.28 0.00	23.69 -0.34 0.00	26.74 -0.32 0.00	33.12 -0.44 0.00	38.82 -0.95 0.00	33.49 -0.51 0.00	29.46 -0.33 0.00	30.00 0.03 0.00	28.33 0.06 0.00	27.79 0.14 0.00	27.92 0.25 0.00	29.00 0.37 0.00	31.08 0.40 0.00	39.86 0.20 0.00	46.13 0.32 0.00	42.44 0.30 0.00	37.93 0.27 0.00	34.84 0.48 0.00	34.37 0.57 0.00	31.16 0.58 0.00	30.15 0.53 0.00
MARSHVLE_115KV_TB1 80742	28.40 1.38 0.00	26.06 1.26 0.00	24.98 1.21 0.00	24.77 1.22 0.00	25.35 1.32 0.00	28.67 1.60 0.00	35.94 2.38 0.00	42.84 3.06 0.00	36.31 2.31 0.00	31.40 1.61 0.00	31.50 1.53 0.00	29.57 1.30 0.00	28.95 1.30 0.00	28.97 1.30 0.00	30.09 1.46 0.00	32.55 1.87 0.00	42.71 3.05 0.00	49.84 4.03 0.00	45.64 3.50 0.00	40.60 2.94 0.00	37.04 2.68 0.00	36.06 2.26 0.00	32.35 1.77 0.00	31.28 1.66 0.00
MARSH_HILL_WT_PWR 323713	27.26 0.24 0.00	24.84 0.05 0.00	23.65 -0.12 0.00	23.38 -0.16 0.00	23.95 -0.07 0.00	27.01 -0.05 0.00	33.69 0.13 0.00	39.58 -0.20 0.00	34.17 0.17 0.00	30.20 0.42 0.00	30.39 0.42 0.00	28.61 0.34 0.00	28.17 0.52 0.00	28.25 0.58 0.00	28.95 0.32 0.00	31.14 0.46 0.00	40.92 1.27 0.00	46.86 1.05 0.00	43.40 1.26 0.00	38.64 0.98 0.00	35.15 0.79 0.00	34.31 0.51 0.00	31.31 0.73 0.00	30.30 0.68 0.00
MCINTYRE_115KV_TB2 80467	27.15 0.14 0.00	24.92 0.12 0.00	23.87 0.10 0.00	23.64 0.09 0.00	24.10 0.07 0.00	27.23 0.16 0.00	33.65 0.10 0.00	39.58 -0.20 0.00	34.04 0.03 0.00	30.12 0.33 0.00	30.39 0.42 0.00	28.61 0.34 0.00	27.95 0.30 0.00	28.03 0.36 0.00	29.12 0.49 0.00	31.02 0.34 0.00	39.70 0.04 0.00	45.44 -0.37 0.00	42.31 0.17 0.00	37.85 0.19 0.00	34.50 0.14 0.00	34.17 0.37 0.00	31.19 0.61 0.00	30.12 0.50 0.00
MECO____69_KV_BK1 80468	29.69 2.67 0.00	27.25 2.45 0.00	26.13 2.35 0.00	25.92 2.38 0.00	26.59 2.57 0.00	30.02 2.95 0.00	37.78 4.23 0.00	44.75 4.97 0.00	37.81 3.81 0.00	32.47 2.68 0.00	32.52 2.55 0.00	30.45 2.18 0.00	29.91 2.27 0.00	29.88 2.21 0.00	31.09 2.46 0.00	33.87 3.19 0.00	44.69 5.04 0.00	52.36 6.55 0.00	47.87 5.73 0.00	42.41 4.75 0.00	38.79 4.43 0.00	37.62 3.82 0.00	33.67 3.09 0.00	32.61 2.99 0.00
MENANDS__115KV_TB5 355628	27.45 0.43 0.00	25.21 0.42 0.00	24.27 0.50 0.00	24.06 0.52 0.00	24.58 0.55 0.00	27.61 0.54 0.00	34.36 0.81 0.00	41.25 1.47 0.00	34.99 0.99 0.00	30.35 0.57 0.00	30.51 0.54 0.00	28.81 0.54 0.00	28.26 0.61 0.00	28.31 0.64 0.00	29.26 0.63 0.00	31.39 0.71 0.00	40.81 1.15 0.00	47.55 1.74 0.00	43.40 1.26 0.00	38.76 1.09 0.00	35.42 1.07 0.00	34.64 0.84 0.00	31.16 0.58 0.00	30.18 0.56 0.00
MG INDUSTRY___DRP 24185	27.61 0.59 0.00	25.39 0.60 0.00	24.41 0.64 0.00	24.21 0.66 0.00	24.70 0.67 0.00	27.72 0.65 0.00	34.49 0.94 0.00	41.25 1.47 0.00	35.02 1.02 0.00	30.41 0.63 0.00	30.57 0.60 0.00	28.83 0.57 0.00	28.26 0.61 0.00	28.31 0.64 0.00	29.29 0.66 0.00	31.45 0.77 0.00	40.89 1.23 0.00	47.50 1.69 0.00	43.45 1.31 0.00	38.83 1.17 0.00	35.49 1.13 0.00	34.75 0.95 0.00	31.28 0.70 0.00	30.33 0.71 0.00
MID___OSWEGATCHIE_HYD 23849	26.18 -0.84 0.00	23.97 -0.82 0.00	22.96 -0.81 0.00	22.72 -0.82 0.00	23.16 -0.86 0.00	26.23 -0.84 0.00	32.55 -1.01 0.00	38.50 -1.27 0.00	32.91 -1.09 0.00	29.04 -0.74 0.00	29.19 -0.78 0.00	27.48 -0.79 0.00	26.85 -0.80 0.00	26.92 -0.75 0.00	27.92 -0.72 0.00	29.98 -0.71 0.00	38.74 -0.91 0.00	44.66 -1.15 0.00	41.30 -0.84 0.00	36.91 -0.75 0.00	33.60 -0.76 0.00	33.06 -0.74 0.00	30.00 -0.58 0.00	28.94 -0.68 0.00
MID___RAQUETTE_HYD 23851	26.37 -0.65 0.00	24.20 -0.60 0.00	23.18 -0.59 0.00	22.93 -0.61 0.00	23.35 -0.67 0.00	26.39 -0.68 0.00	32.58 -0.97 0.00	38.30 -1.47 0.00	32.91 -1.09 0.00	29.19 -0.60 0.00	29.43 -0.54 0.00	27.73 -0.54 0.00	27.12 -0.53 0.00	27.20 -0.47 0.00	28.20 -0.43 0.00	30.07 -0.61 0.00	38.47 -1.19 0.00	44.16 -1.65 0.00	41.04 -1.10 0.00	36.69 -0.98 0.00	33.43 -0.93 0.00	33.09 -0.71 0.00	30.21 -0.37 0.00	29.20 -0.41 0.00



MILLIKEN___1 23584	27.69 0.68 0.00	25.34 0.55 0.00	24.25 0.48 0.00	24.02 0.47 0.00	24.55 0.53 0.00	27.72 0.65 0.00	34.46 0.91 0.00	40.85 1.07 0.00	34.82 0.82 0.00	30.38 0.60 0.00	30.48 0.51 0.00	28.72 0.45 0.00	28.03 0.39 0.00	28.08 0.42 0.00	29.03 0.40 0.00	31.23 0.55 0.00	40.85 1.19 0.00	47.37 1.56 0.00	43.49 1.35 0.00	38.83 1.17 0.00	35.42 1.07 0.00	34.64 0.84 0.00	31.25 0.67 0.00	30.24 0.62 0.00
MILLIKEN___2 23585	27.69 0.68 0.00	25.34 0.55 0.00	24.25 0.48 0.00	24.02 0.47 0.00	24.55 0.53 0.00	27.72 0.65 0.00	34.46 0.91 0.00	40.85 1.07 0.00	34.82 0.82 0.00	30.38 0.60 0.00	30.48 0.51 0.00	28.72 0.45 0.00	28.03 0.39 0.00	28.08 0.42 0.00	29.03 0.40 0.00	31.23 0.55 0.00	40.85 1.19 0.00	47.37 1.56 0.00	43.49 1.35 0.00	38.83 1.17 0.00	35.42 1.07 0.00	34.64 0.84 0.00	31.25 0.67 0.00	30.24 0.62 0.00
MILLIKEN___DIESEL 23629	27.69 0.68 0.00	25.34 0.55 0.00	24.25 0.48 0.00	24.02 0.47 0.00	24.55 0.53 0.00	27.72 0.65 0.00	34.46 0.91 0.00	40.85 1.07 0.00	34.82 0.82 0.00	30.38 0.60 0.00	30.48 0.51 0.00	28.72 0.45 0.00	28.03 0.39 0.00	28.08 0.42 0.00	29.03 0.40 0.00	31.23 0.55 0.00	40.85 1.19 0.00	47.37 1.56 0.00	43.49 1.35 0.00	38.83 1.17 0.00	35.42 1.07 0.00	34.64 0.84 0.00	31.25 0.67 0.00	30.24 0.62 0.00
MILLSEAT___LFGE 323607	26.29 -0.73 0.00	24.02 -0.77 0.00	22.89 -0.88 0.00	22.58 -0.97 0.00	23.14 -0.89 0.00	26.04 -1.03 0.00	32.31 -1.24 0.00	37.91 -1.87 0.00	33.02 -0.99 0.00	29.19 -0.60 0.00	29.31 -0.66 0.00	27.56 -0.71 0.00	27.26 -0.39 0.00	27.34 -0.33 0.00	27.92 -0.71 0.00	29.98 -0.70 0.00	39.46 -0.20 0.00	44.89 -0.92 0.00	41.68 -0.46 0.00	37.10 -0.56 0.00	33.84 -0.51 0.00	33.02 -0.78 0.00	30.15 -0.43 0.00	29.12 -0.50 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	28.15 1.13 0.00	25.86 1.07 0.00	24.82 1.05 0.00	24.63 1.08 0.00	25.08 1.06 0.00	28.23 1.16 0.00	35.26 1.71 0.00	42.64 2.86 0.00	36.11 2.11 0.00	31.52 1.73 0.00	31.56 1.59 0.00	29.74 1.47 0.00	29.00 1.35 0.00	29.00 1.33 0.00	30.04 1.40 0.00	32.18 1.50 0.00	42.04 2.38 0.00	49.06 3.25 0.00	44.58 2.44 0.00	39.93 2.26 0.00	36.28 1.92 0.00	35.42 1.62 0.00	31.93 1.35 0.00	30.98 1.36 0.00
MILLWOOD_13_KV_LOAD 356217	28.21 1.19 0.00	25.91 1.12 0.00	24.87 1.09 0.00	24.70 1.15 0.00	25.13 1.11 0.00	28.29 1.22 0.00	35.33 1.78 0.00	42.76 2.98 0.00	36.18 2.18 0.00	31.58 1.79 0.00	31.65 1.68 0.00	29.79 1.53 0.00	29.06 1.41 0.00	29.05 1.38 0.00	30.09 1.46 0.00	32.28 1.60 0.00	42.15 2.50 0.00	49.20 3.39 0.00	44.75 2.61 0.00	40.04 2.37 0.00	36.42 2.06 0.00	35.52 1.72 0.00	31.99 1.41 0.00	31.04 1.42 0.00
MODEL_CITY_ENERGY 24167	25.45 -1.57 0.00	23.31 -1.49 0.00	22.20 -1.57 0.00	21.92 -1.62 0.00	22.39 -1.63 0.00	25.17 -1.90 0.00	31.10 -2.45 0.00	36.35 -3.42 0.00	31.79 -2.21 0.00	28.24 -1.55 0.00	28.41 -1.56 0.00	26.74 -1.53 0.00	26.49 -1.16 0.00	26.53 -1.14 0.00	27.03 -1.60 0.00	28.99 -1.69 0.00	38.03 -1.63 0.00	43.11 -2.70 0.00	40.08 -2.06 0.00	35.63 -2.03 0.00	32.57 -1.79 0.00	31.81 -1.99 0.00	29.14 -1.44 0.00	28.23 -1.39 0.00
MODERN_LFGE___ 323580	25.45 -1.57 0.00	23.31 -1.49 0.00	22.20 -1.57 0.00	21.92 -1.62 0.00	22.39 -1.63 0.00	25.17 -1.90 0.00	31.10 -2.45 0.00	36.35 -3.42 0.00	31.79 -2.21 0.00	28.24 -1.55 0.00	28.41 -1.56 0.00	26.74 -1.53 0.00	26.49 -1.16 0.00	26.53 -1.14 0.00	27.03 -1.60 0.00	28.99 -1.69 0.00	38.03 -1.63 0.00	43.11 -2.70 0.00	40.08 -2.06 0.00	35.63 -2.03 0.00	32.57 -1.79 0.00	31.81 -1.99 0.00	29.14 -1.44 0.00	28.23 -1.39 0.00
MOHAWK_PAPER___DRP 24187	27.59 0.57 0.00	25.34 0.55 0.00	24.39 0.62 0.00	24.18 0.64 0.00	24.70 0.67 0.00	27.74 0.68 0.00	34.56 1.01 0.00	41.48 1.71 0.00	35.19 1.19 0.00	30.53 0.74 0.00	30.69 0.72 0.00	28.95 0.68 0.00	28.39 0.75 0.00	28.42 0.75 0.00	29.41 0.77 0.00	31.57 0.89 0.00	41.08 1.43 0.00	47.87 2.06 0.00	43.70 1.56 0.00	39.02 1.36 0.00	35.66 1.31 0.00	34.85 1.05 0.00	31.34 0.76 0.00	30.36 0.74 0.00
MOHICAN___35_KV_115KV_LD 80490	28.45 1.43 0.00	26.11 1.31 0.00	25.06 1.28 0.00	24.84 1.30 0.00	25.44 1.42 0.00	28.64 1.57 0.00	35.90 2.35 0.00	42.92 3.14 0.00	36.38 2.38 0.00	31.40 1.61 0.00	31.53 1.56 0.00	29.63 1.36 0.00	29.03 1.38 0.00	29.05 1.38 0.00	30.18 1.55 0.00	32.58 1.90 0.00	42.63 2.97 0.00	49.75 3.94 0.00	45.51 3.37 0.00	40.49 2.82 0.00	37.04 2.68 0.00	36.03 2.23 0.00	32.32 1.74 0.00	31.28 1.66 0.00
MONGAUP___HYD 23641	27.48 0.46 0.00	25.24 0.45 0.00	24.22 0.45 0.00	24.04 0.50 0.00	24.50 0.48 0.00	27.61 0.54 0.00	34.49 0.94 0.00	41.41 1.63 0.00	34.95 0.95 0.00	30.47 0.69 0.00	30.48 0.51 0.00	28.69 0.42 0.00	27.92 0.28 0.00	27.92 0.25 0.00	28.95 0.32 0.00	31.14 0.46 0.00	40.81 1.15 0.00	47.37 1.56 0.00	43.49 1.35 0.00	38.91 1.24 0.00	35.08 0.72 0.00	34.41 0.61 0.00	31.07 0.49 0.00	30.15 0.53 0.00
MONTAUK___DIESEL 23721	37.53 3.16 -7.35	32.29 2.90 -4.60	25.96 2.19 0.00	25.76 2.21 0.00	26.28 2.26 0.00	29.59 2.52 0.00	38.67 3.69 -1.42	45.10 5.33 0.00	40.27 4.18 -2.09	32.89 3.10 0.00	36.87 3.78 -3.12	33.73 3.45 -2.01	30.00 2.35 0.00	30.10 2.43 0.00	31.35 2.72 0.00	36.20 3.19 -2.33	47.07 4.92 -2.50	62.59 6.37 -10.41	55.21 5.31 -7.76	51.90 4.78 -9.45	46.09 4.19 -7.54	41.10 3.85 -3.45	36.93 3.21 -3.14	34.69 3.26 -1.81
MOONROAD_115KV_HARTFLD_TB1-2 355988	26.69 -0.32 0.00	24.27 -0.52 0.00	23.06 -0.71 0.00	22.84 -0.71 0.00	23.35 -0.67 0.00	26.34 -0.73 0.00	33.08 -0.47 0.00	38.30 -1.47 0.00	33.59 -0.41 0.00	29.70 -0.09 0.00	30.03 0.06 0.00	28.38 0.11 0.00	27.70 0.06 0.00	27.83 0.17 0.00	28.69 0.06 0.00	30.71 0.03 0.00	40.29 0.63 0.00	46.27 0.46 0.00	42.43 0.29 0.00	37.74 0.08 0.00	34.60 0.24 0.00	33.90 0.10 0.00	30.85 0.28 0.00	30.12 0.50 0.00
MORTIMER_115KV_TB3 55949	26.34 -0.68 0.00	24.10 -0.69 0.00	22.99 -0.78 0.00	22.72 -0.82 0.00	23.28 -0.74 0.00	26.20 -0.87 0.00	32.61 -0.94 0.00	38.14 -1.63 0.00	33.05 -0.95 0.00	29.04 -0.74 0.00	29.22 -0.75 0.00	27.53 -0.73 0.00	26.93 -0.72 0.00	27.00 -0.66 0.00	27.86 -0.77 0.00	29.85 -0.83 0.00	39.06 -0.59 0.00	44.89 -0.92 0.00	41.30 -0.84 0.00	36.80 -0.87 0.00	33.64 -0.72 0.00	32.99 -0.81 0.00	29.82 -0.76 0.00	28.94 -0.68 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	28.29 1.27 0.00	25.96 1.17 0.00	24.94 1.16 0.00	24.77 1.22 0.00	25.20 1.18 0.00	28.34 1.27 0.00	35.40 1.85 0.00	42.88 3.10 0.00	36.28 2.28 0.00	31.72 1.94 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.37 1.69 0.00	42.27 2.62 0.00	49.34 3.53 0.00	44.79 2.65 0.00	40.15 2.49 0.00	36.45 2.10 0.00	35.59 1.79 0.00	32.08 1.50 0.00	31.16 1.54 0.00



MUNSVILLE_WIND_PWR 323609	29.88 2.86 0.00	27.32 2.53 0.00	26.10 2.33 0.00	25.88 2.33 0.00	26.50 2.48 0.00	30.15 3.08 0.00	37.64 4.09 0.00	45.11 5.33 0.00	37.95 3.94 0.00	32.83 3.04 0.00	32.85 2.88 0.00	30.87 2.60 0.00	30.05 2.40 0.00	30.21 2.54 0.00	31.32 2.69 0.00	34.03 3.34 0.00	45.09 5.43 0.00	52.08 6.28 0.00	48.25 6.11 0.00	43.01 5.35 0.00	38.93 4.57 0.00	37.99 4.19 0.00	34.34 3.76 0.00	33.08 3.46 0.00
N SALMON___HYD 24042	27.10 0.08 0.00	24.82 0.02 0.00	23.75 -0.02 0.00	23.48 -0.07 0.00	23.93 -0.10 0.00	27.04 -0.03 0.00	33.45 -0.10 0.00	39.22 -0.56 0.00	33.87 -0.14 0.00	29.82 0.03 0.00	30.21 0.24 0.00	28.52 0.25 0.00	27.92 0.28 0.00	28.06 0.39 0.00	29.15 0.52 0.00	31.20 0.52 0.00	40.05 0.40 0.00	46.45 0.64 0.00	42.69 0.55 0.00	38.12 0.45 0.00	35.04 0.69 0.00	34.51 0.71 0.00	31.28 0.70 0.00	30.27 0.65 0.00
N.AKRON__115KV_KNAPP 355671	26.23 -0.78 0.00	23.95 -0.84 0.00	22.84 -0.93 0.00	22.49 -1.06 0.00	23.09 -0.94 0.00	25.96 -1.11 0.00	32.34 -1.21 0.00	37.35 -2.43 0.00	32.71 -1.29 0.00	28.86 -0.92 0.00	29.01 -0.96 0.00	27.34 -0.93 0.00	26.71 -0.94 0.00	26.84 -0.83 0.00	27.66 -0.97 0.00	29.61 -1.07 0.00	38.86 -0.79 0.00	44.48 -1.33 0.00	40.96 -1.18 0.00	36.42 -1.24 0.00	33.36 -1.00 0.00	32.72 -1.08 0.00	29.66 -0.92 0.00	28.91 -0.71 0.00
N.BELMOR_69_KV_BK1 55787	36.14 1.81 -7.31	31.08 1.69 -4.60	25.27 1.50 0.00	25.10 1.55 0.00	25.56 1.54 0.00	28.83 1.76 0.00	37.56 2.58 -1.42	43.67 3.90 0.00	39.08 2.99 -2.09	32.17 2.38 0.00	35.49 2.40 -3.12	32.48 2.20 -2.01	29.53 1.88 0.00	29.58 1.91 0.00	30.72 2.09 0.00	35.34 2.33 -2.33	45.64 3.49 -2.50	60.80 4.58 -10.41	53.60 3.71 -7.76	50.47 3.35 -9.45	44.82 2.92 -7.54	39.82 2.57 -3.45	35.89 2.17 -3.14	33.59 2.16 -1.81
N.E_GEN_SANDY PD 24062	27.75 0.73 0.00	25.51 0.72 0.00	24.51 0.74 0.00	24.30 0.75 0.00	24.82 0.79 0.00	27.93 0.87 0.00	34.86 1.31 0.00	42.00 2.23 0.00	36.00 1.43 -0.57	30.20 0.98 0.57	30.96 0.99 0.00	29.20 0.93 0.00	28.53 0.88 0.00	28.61 0.94 0.00	29.72 1.09 0.00	33.40 1.20 -1.52	39.80 1.67 1.52	47.82 2.01 0.00	43.95 1.81 0.00	39.28 1.62 0.00	35.56 1.20 0.00	35.30 1.18 -0.32	31.59 1.01 0.00	30.63 1.01 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	28.13 1.11 0.00	25.81 1.02 0.00	24.79 1.02 0.00	24.61 1.06 0.00	25.06 1.03 0.00	28.20 1.14 0.00	35.20 1.64 0.00	42.56 2.78 0.00	36.01 2.01 0.00	31.43 1.64 0.00	31.50 1.53 0.00	29.68 1.41 0.00	28.95 1.30 0.00	28.91 1.25 0.00	29.95 1.32 0.00	32.09 1.41 0.00	41.88 2.22 0.00	48.88 3.07 0.00	44.46 2.32 0.00	39.81 2.15 0.00	36.18 1.82 0.00	35.32 1.52 0.00	31.83 1.25 0.00	30.89 1.27 0.00
N.QUEENS_27_KV_LOAD 356247	28.59 1.57 0.00	26.16 1.36 0.00	25.29 1.52 0.00	25.11 1.55 -0.01	25.49 1.47 0.00	28.45 1.38 0.00	35.26 1.71 0.00	42.76 2.98 0.00	36.28 2.28 0.00	31.75 1.97 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.40 1.72 0.00	42.27 2.62 0.00	49.34 3.53 0.00	44.79 2.65 0.00	40.15 2.49 0.00	36.42 2.06 0.00	35.49 1.69 0.00	32.08 1.50 0.00	31.31 1.69 0.00
N.TROY___115KV_TB1 355778	27.77 0.76 0.00	25.51 0.72 0.00	24.51 0.74 0.00	24.28 0.73 0.00	24.82 0.79 0.00	27.93 0.87 0.00	34.83 1.28 0.00	41.80 2.03 0.00	35.43 1.43 0.00	30.68 0.89 0.00	30.84 0.87 0.00	29.09 0.82 0.00	28.53 0.88 0.00	28.55 0.89 0.00	29.61 0.97 0.00	31.79 1.10 0.00	41.32 1.67 0.00	48.19 2.38 0.00	43.99 1.85 0.00	39.25 1.58 0.00	35.90 1.55 0.00	35.12 1.32 0.00	31.59 1.01 0.00	30.57 0.95 0.00
NARROWS_GT1_1 24228	28.62 1.59 -0.01	26.34 1.54 -0.01	25.32 1.54 -0.01	25.16 1.60 -0.01	25.55 1.51 -0.01	28.64 1.57 0.00	35.67 2.12 0.00	42.80 3.02 0.00	36.01 2.01 0.00	31.64 1.85 0.00	31.53 1.56 0.00	29.68 1.41 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.95 1.32 0.00	32.18 1.50 0.00	42.31 2.66 0.00	49.11 3.30 0.00	44.97 2.82 -0.01	40.26 2.60 0.00	36.08 1.72 0.00	35.49 1.69 0.00	32.41 1.83 0.00	31.61 1.98 -0.01
NARROWS_GT1_2 24229	28.62 1.59 -0.01	26.34 1.54 -0.01	25.32 1.54 -0.01	25.16 1.60 -0.01	25.55 1.51 -0.01	28.64 1.57 0.00	35.67 2.12 0.00	42.80 3.02 0.00	36.01 2.01 0.00	31.64 1.85 0.00	31.53 1.56 0.00	29.68 1.41 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.95 1.32 0.00	32.18 1.50 0.00	42.31 2.66 0.00	49.11 3.30 0.00	44.97 2.82 -0.01	40.26 2.60 0.00	36.08 1.72 0.00	35.49 1.69 0.00	32.41 1.83 0.00	31.61 1.98 -0.01
NARROWS_GT1_3 24230	28.62 1.59 -0.01	26.34 1.54 -0.01	25.32 1.54 -0.01	25.16 1.60 -0.01	25.55 1.51 -0.01	28.64 1.57 0.00	35.67 2.12 0.00	42.80 3.02 0.00	36.01 2.01 0.00	31.64 1.85 0.00	31.53 1.56 0.00	29.68 1.41 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.95 1.32 0.00	32.18 1.50 0.00	42.31 2.66 0.00	49.11 3.30 0.00	44.97 2.82 -0.01	40.26 2.60 0.00	36.08 1.72 0.00	35.49 1.69 0.00	32.41 1.83 0.00	31.61 1.98 -0.01
NARROWS_GT1_4 24231	28.62 1.59 -0.01	26.34 1.54 -0.01	25.32 1.54 -0.01	25.16 1.60 -0.01	25.55 1.51 -0.01	28.64 1.57 0.00	35.67 2.12 0.00	42.80 3.02 0.00	36.01 2.01 0.00	31.64 1.85 0.00	31.53 1.56 0.00	29.68 1.41 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.95 1.32 0.00	32.18 1.50 0.00	42.31 2.66 0.00	49.11 3.30 0.00	44.97 2.82 -0.01	40.26 2.60 0.00	36.08 1.72 0.00	35.49 1.69 0.00	32.41 1.83 0.00	31.61 1.98 -0.01
NARROWS_GT1_5 24232	28.62 1.59 -0.01	26.34 1.54 -0.01	25.32 1.54 -0.01	25.16 1.60 -0.01	25.55 1.51 -0.01	28.64 1.57 0.00	35.67 2.12 0.00	42.80 3.02 0.00	36.01 2.01 0.00	31.64 1.85 0.00	31.53 1.56 0.00	29.68 1.41 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.95 1.32 0.00	32.18 1.50 0.00	42.31 2.66 0.00	49.11 3.30 0.00	44.97 2.82 -0.01	40.26 2.60 0.00	36.08 1.72 0.00	35.49 1.69 0.00	32.41 1.83 0.00	31.61 1.98 -0.01
NARROWS_GT1_6 24233	28.62 1.59 -0.01	26.34 1.54 -0.01	25.32 1.54 -0.01	25.16 1.60 -0.01	25.55 1.51 -0.01	28.64 1.57 0.00	35.67 2.12 0.00	42.80 3.02 0.00	36.01 2.01 0.00	31.64 1.85 0.00	31.53 1.56 0.00	29.68 1.41 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.95 1.32 0.00	32.18 1.50 0.00	42.31 2.66 0.00	49.11 3.30 0.00	44.97 2.82 -0.01	40.26 2.60 0.00	36.08 1.72 0.00	35.49 1.69 0.00	32.41 1.83 0.00	31.61 1.98 -0.01
NARROWS_GT1_7 24234	28.62 1.59 -0.01	26.34 1.54 -0.01	25.32 1.54 -0.01	25.16 1.60 -0.01	25.55 1.51 -0.01	28.64 1.57 0.00	35.67 2.12 0.00	42.80 3.02 0.00	36.01 2.01 0.00	31.64 1.85 0.00	31.53 1.56 0.00	29.68 1.41 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.95 1.32 0.00	32.18 1.50 0.00	42.31 2.66 0.00	49.11 3.30 0.00	44.97 2.82 -0.01	40.26 2.60 0.00	36.08 1.72 0.00	35.49 1.69 0.00	32.41 1.83 0.00	31.61 1.98 -0.01



NARROWS_GT1_8 24235	28.62 1.59 -0.01	26.34 1.54 -0.01	25.32 1.54 -0.01	25.16 1.60 -0.01	25.55 1.51 -0.01	28.64 1.57 0.00	35.67 2.12 0.00	42.80 3.02 0.00	36.01 2.01 0.00	31.64 1.85 0.00	31.53 1.56 0.00	29.68 1.41 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.95 1.32 0.00	32.18 1.50 0.00	42.31 2.66 0.00	49.11 3.30 0.00	44.97 2.82 -0.01	40.26 2.60 0.00	36.08 1.72 0.00	35.49 1.69 0.00	32.41 1.83 0.00	31.61 1.98 -0.01
NARROWS_GT2_1 24236	28.46 1.43 -0.01	26.16 1.36 -0.01	25.18 1.40 -0.01	25.02 1.46 -0.01	25.38 1.34 -0.01	28.50 1.43 0.00	35.57 2.01 0.00	42.88 3.10 0.00	36.15 2.14 0.00	31.75 1.97 0.00	31.65 1.68 0.00	29.82 1.55 0.00	29.00 1.35 0.00	29.02 1.36 0.00	30.09 1.46 0.00	32.31 1.63 0.00	42.39 2.73 0.00	49.15 3.34 0.00	44.97 2.82 -0.01	40.30 2.64 0.00	36.14 1.79 0.00	35.52 1.72 0.00	32.32 1.74 0.00	31.46 1.84 -0.01
NARROWS_GT2_2 24237	28.46 1.43 -0.01	26.16 1.36 -0.01	25.18 1.40 -0.01	25.02 1.46 -0.01	25.38 1.34 -0.01	28.50 1.43 0.00	35.57 2.01 0.00	42.88 3.10 0.00	36.15 2.14 0.00	31.75 1.97 0.00	31.65 1.68 0.00	29.82 1.55 0.00	29.00 1.35 0.00	29.02 1.36 0.00	30.09 1.46 0.00	32.31 1.63 0.00	42.39 2.73 0.00	49.15 3.34 0.00	44.97 2.82 -0.01	40.30 2.64 0.00	36.14 1.79 0.00	35.52 1.72 0.00	32.32 1.74 0.00	31.46 1.84 -0.01
NARROWS_GT2_3 24238	28.46 1.43 -0.01	26.16 1.36 -0.01	25.18 1.40 -0.01	25.02 1.46 -0.01	25.38 1.34 -0.01	28.50 1.43 0.00	35.57 2.01 0.00	42.88 3.10 0.00	36.15 2.14 0.00	31.75 1.97 0.00	31.65 1.68 0.00	29.82 1.55 0.00	29.00 1.35 0.00	29.02 1.36 0.00	30.09 1.46 0.00	32.31 1.63 0.00	42.39 2.73 0.00	49.15 3.34 0.00	44.97 2.82 -0.01	40.30 2.64 0.00	36.14 1.79 0.00	35.52 1.72 0.00	32.32 1.74 0.00	31.46 1.84 -0.01
NARROWS_GT2_4 24239	28.46 1.43 -0.01	26.16 1.36 -0.01	25.18 1.40 -0.01	25.02 1.46 -0.01	25.38 1.34 -0.01	28.50 1.43 0.00	35.57 2.01 0.00	42.88 3.10 0.00	36.15 2.14 0.00	31.75 1.97 0.00	31.65 1.68 0.00	29.82 1.55 0.00	29.00 1.35 0.00	29.02 1.36 0.00	30.09 1.46 0.00	32.31 1.63 0.00	42.39 2.73 0.00	49.15 3.34 0.00	44.97 2.82 -0.01	40.30 2.64 0.00	36.14 1.79 0.00	35.52 1.72 0.00	32.32 1.74 0.00	31.46 1.84 -0.01
NARROWS_GT2_5 24240	28.46 1.43 -0.01	26.16 1.36 -0.01	25.18 1.40 -0.01	25.02 1.46 -0.01	25.38 1.34 -0.01	28.50 1.43 0.00	35.57 2.01 0.00	42.88 3.10 0.00	36.15 2.14 0.00	31.75 1.97 0.00	31.65 1.68 0.00	29.82 1.55 0.00	29.00 1.35 0.00	29.02 1.36 0.00	30.09 1.46 0.00	32.31 1.63 0.00	42.39 2.73 0.00	49.15 3.34 0.00	44.97 2.82 -0.01	40.30 2.64 0.00	36.14 1.79 0.00	35.52 1.72 0.00	32.32 1.74 0.00	31.46 1.84 -0.01
NARROWS_GT2_6 24241	28.46 1.43 -0.01	26.16 1.36 -0.01	25.18 1.40 -0.01	25.02 1.46 -0.01	25.38 1.34 -0.01	28.50 1.43 0.00	35.57 2.01 0.00	42.88 3.10 0.00	36.15 2.14 0.00	31.75 1.97 0.00	31.65 1.68 0.00	29.82 1.55 0.00	29.00 1.35 0.00	29.02 1.36 0.00	30.09 1.46 0.00	32.31 1.63 0.00	42.39 2.73 0.00	49.15 3.34 0.00	44.97 2.82 -0.01	40.30 2.64 0.00	36.14 1.79 0.00	35.52 1.72 0.00	32.32 1.74 0.00	31.46 1.84 -0.01
NARROWS_GT2_7 24242	28.46 1.43 -0.01	26.16 1.36 -0.01	25.18 1.40 -0.01	25.02 1.46 -0.01	25.38 1.34 -0.01	28.50 1.43 0.00	35.57 2.01 0.00	42.88 3.10 0.00	36.15 2.14 0.00	31.75 1.97 0.00	31.65 1.68 0.00	29.82 1.55 0.00	29.00 1.35 0.00	29.02 1.36 0.00	30.09 1.46 0.00	32.31 1.63 0.00	42.39 2.73 0.00	49.15 3.34 0.00	44.97 2.82 -0.01	40.30 2.64 0.00	36.14 1.79 0.00	35.52 1.72 0.00	32.32 1.74 0.00	31.46 1.84 -0.01
NARROWS_GT2_8 24243	28.46 1.43 -0.01	26.16 1.36 -0.01	25.18 1.40 -0.01	25.02 1.46 -0.01	25.38 1.34 -0.01	28.50 1.43 0.00	35.57 2.01 0.00	42.88 3.10 0.00	36.15 2.14 0.00	31.75 1.97 0.00	31.65 1.68 0.00	29.82 1.55 0.00	29.00 1.35 0.00	29.02 1.36 0.00	30.09 1.46 0.00	32.31 1.63 0.00	42.39 2.73 0.00	49.15 3.34 0.00	44.97 2.82 -0.01	40.30 2.64 0.00	36.14 1.79 0.00	35.52 1.72 0.00	32.32 1.74 0.00	31.46 1.84 -0.01
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	28.04 1.03 0.00	25.76 0.97 0.00	24.79 1.02 0.00	24.58 1.04 0.00	25.15 1.13 0.00	28.20 1.14 0.00	35.16 1.61 0.00	41.92 2.15 0.00	35.53 1.53 0.00	30.56 0.77 0.00	30.60 0.63 0.00	28.83 0.57 0.00	28.26 0.61 0.00	28.36 0.69 0.00	29.38 0.74 0.00	31.66 0.98 0.00	41.36 1.71 0.00	48.33 2.52 0.00	44.29 2.15 0.00	39.51 1.85 0.00	36.08 1.72 0.00	35.22 1.42 0.00	31.65 1.07 0.00	30.66 1.04 0.00
NCHELSEA_115KV_TR2 355582	28.29 1.27 0.00	25.98 1.19 0.00	24.94 1.16 0.00	24.75 1.20 0.00	25.23 1.20 0.00	28.39 1.33 0.00	35.40 1.85 0.00	42.68 2.90 0.00	36.14 2.14 0.00	31.49 1.70 0.00	31.53 1.56 0.00	29.68 1.41 0.00	28.97 1.33 0.00	28.97 1.30 0.00	30.04 1.40 0.00	32.22 1.53 0.00	42.11 2.46 0.00	49.20 3.39 0.00	44.75 2.61 0.00	40.04 2.37 0.00	36.42 2.06 0.00	35.52 1.72 0.00	32.02 1.44 0.00	31.04 1.42 0.00
NEG CAPITAL___MECHNVIL 23645	28.13 1.11 0.00	25.83 1.04 0.00	24.79 1.02 0.00	24.58 1.03 0.00	25.11 1.08 0.00	28.29 1.22 0.00	35.36 1.81 0.00	42.32 2.55 0.00	35.84 1.83 0.00	31.07 1.28 0.00	31.20 1.23 0.00	29.40 1.13 0.00	28.75 1.11 0.00	28.80 1.13 0.00	29.92 1.29 0.00	32.00 1.32 0.00	41.68 2.02 0.00	48.28 2.47 0.00	44.41 2.27 0.00	39.62 1.96 0.00	36.01 1.65 0.00	35.25 1.45 0.00	31.77 1.19 0.00	30.95 1.33 0.00
NEG CENTRAL_HIGH_ACRES 23767	26.10 -0.92 0.00	23.83 -0.97 0.00	22.77 -1.00 0.00	22.51 -1.04 0.00	23.09 -0.94 0.00	25.98 -1.08 0.00	32.28 -1.27 0.00	38.14 -1.63 0.00	32.81 -1.19 0.00	28.83 -0.95 0.00	28.95 -1.02 0.00	27.28 -0.99 0.00	26.82 -0.83 0.00	26.84 -0.83 0.00	27.60 -1.03 0.00	29.64 -1.04 0.00	38.78 -0.87 0.00	44.48 -1.33 0.00	41.17 -0.97 0.00	36.69 -0.98 0.00	33.43 -0.93 0.00	32.65 -1.15 0.00	29.63 -0.95 0.00	28.58 -1.04 0.00
NEG CENTRAL___DRP 24199	27.07 0.05 0.00	24.77 -0.02 0.00	23.68 -0.10 0.00	23.45 -0.09 0.00	24.00 -0.02 0.00	27.07 0.00 0.00	33.69 0.13 0.00	39.65 -0.12 0.00	34.07 0.07 0.00	29.76 -0.03 0.00	29.91 -0.06 0.00	28.18 -0.08 0.00	27.51 -0.14 0.00	27.56 -0.11 0.00	28.46 -0.17 0.00	30.56 -0.12 0.00	39.81 0.16 0.00	46.17 0.37 0.00	42.39 0.25 0.00	37.82 0.15 0.00	34.63 0.27 0.00	33.87 0.07 0.00	30.58 0.00 0.00	29.62 0.00 0.00
NEG CENTRAL___INDECK 23768	27.53 0.51 0.00	25.07 0.27 0.00	23.89 0.12 0.00	23.59 0.05 0.00	24.19 0.17 0.00	27.28 0.22 0.00	34.09 0.54 0.00	40.17 0.40 0.00	34.65 0.64 0.00	30.41 0.63 0.00	30.45 0.48 0.00	28.78 0.51 0.00	28.36 0.72 0.00	28.47 0.80 0.00	29.23 0.60 0.00	31.54 0.86 0.00	41.64 1.98 0.00	47.78 1.97 0.00	44.33 2.19 0.00	39.47 1.81 0.00	35.91 1.55 0.00	34.98 1.18 0.00	31.77 1.19 0.00	30.57 0.95 0.00



NEG CENTRAL___SENECA 23627	27.26 0.24 0.00	24.92 0.12 0.00	23.80 0.02 0.00	23.55 0.00 0.00	24.10 0.07 0.00	27.20 0.14 0.00	33.92 0.37 0.00	39.77 0.00 0.00	34.27 0.27 0.00	29.97 0.18 0.00	30.09 0.12 0.00	28.35 0.08 0.00	27.65 0.00 0.00	27.72 0.06 0.00	28.63 0.00 0.00	30.74 0.06 0.00	40.05 0.40 0.00	46.40 0.60 0.00	42.60 0.46 0.00	38.04 0.38 0.00	34.91 0.55 0.00	34.10 0.30 0.00	30.79 0.21 0.00	29.86 0.24 0.00
NEG CENTRAL___STATE_STREET 24147	27.07 0.05 0.00	24.77 -0.02 0.00	23.70 -0.07 0.00	23.48 -0.07 0.00	24.02 0.00 0.00	27.12 0.05 0.00	33.69 0.13 0.00	39.93 0.16 0.00	34.14 0.14 0.00	29.82 0.03 0.00	29.94 -0.03 0.00	28.24 -0.03 0.00	27.59 -0.06 0.00	27.61 -0.06 0.00	28.55 -0.09 0.00	30.65 -0.03 0.00	39.93 0.28 0.00	46.31 0.50 0.00	42.52 0.38 0.00	37.93 0.26 0.00	34.63 0.27 0.00	33.87 0.07 0.00	30.55 -0.03 0.00	29.56 -0.06 0.00
NEG MILLWOOD___DRP 24198	28.42 1.40 0.00	26.11 1.31 0.00	25.06 1.28 0.00	24.87 1.32 0.00	25.30 1.27 0.00	28.50 1.43 0.00	35.53 1.98 0.00	43.04 3.26 0.00	36.42 2.41 0.00	31.72 1.94 0.00	31.77 1.80 0.00	29.85 1.58 0.00	29.14 1.49 0.00	29.14 1.47 0.00	30.21 1.57 0.00	32.43 1.75 0.00	42.43 2.78 0.00	49.61 3.80 0.00	45.17 3.03 0.00	40.38 2.71 0.00	36.73 2.37 0.00	35.83 2.03 0.00	32.17 1.59 0.00	31.19 1.57 0.00
NEG NORTH_FLCN_SEA 23793	26.96 -0.05 0.00	24.69 -0.10 0.00	23.63 -0.14 0.00	23.36 -0.19 0.00	23.78 -0.24 0.00	26.88 -0.19 0.00	33.28 -0.27 0.00	39.02 -0.76 0.00	33.56 -0.44 0.00	29.61 -0.18 0.00	30.45 0.48 0.00	28.72 0.45 0.00	28.17 0.53 0.00	28.31 0.64 0.00	29.38 0.74 0.00	31.51 0.83 0.00	40.45 0.79 0.00	46.50 0.69 0.00	43.11 0.97 0.00	38.53 0.87 0.00	35.11 0.76 0.00	34.75 0.95 0.00	31.62 1.04 0.00	30.60 0.98 0.00
NEG NORTH_KES_CHATEGAY 23792	26.96 -0.05 0.00	24.69 -0.10 0.00	23.63 -0.14 0.00	23.36 -0.19 0.00	23.78 -0.24 0.00	26.88 -0.19 0.00	33.25 -0.30 0.00	38.98 -0.80 0.00	33.56 -0.44 0.00	29.61 -0.18 0.00	30.06 0.09 0.00	28.38 0.11 0.00	27.81 0.17 0.00	27.95 0.28 0.00	29.03 0.40 0.00	31.14 0.46 0.00	39.89 0.24 0.00	45.76 -0.05 0.00	42.52 0.38 0.00	38.01 0.34 0.00	34.63 0.27 0.00	34.31 0.51 0.00	31.19 0.61 0.00	30.18 0.56 0.00
NEG NORTH___ALICE_FALLS 23915	27.21 0.19 0.00	24.92 0.12 0.00	23.84 0.07 0.00	23.55 0.00 0.00	24.00 -0.02 0.00	27.12 0.05 0.00	33.65 0.10 0.00	39.42 -0.36 0.00	33.90 -0.10 0.00	29.91 0.12 0.00	30.54 0.57 0.00	28.81 0.54 0.00	28.26 0.61 0.00	28.36 0.69 0.00	29.46 0.83 0.00	31.57 0.89 0.00	40.53 0.87 0.00	46.63 0.82 0.00	43.28 1.14 0.00	38.65 0.98 0.00	35.22 0.86 0.00	34.81 1.01 0.00	31.65 1.07 0.00	30.63 1.01 0.00
NEG NORTH___LWR_SARANAC 23913	27.21 0.19 0.00	24.92 0.12 0.00	23.84 0.07 0.00	23.55 0.00 0.00	24.00 -0.02 0.00	27.12 0.05 0.00	33.65 0.10 0.00	39.42 -0.36 0.00	33.90 -0.10 0.00	29.91 0.12 0.00	30.54 0.57 0.00	28.81 0.54 0.00	28.26 0.61 0.00	28.36 0.69 0.00	29.46 0.83 0.00	31.57 0.89 0.00	40.53 0.87 0.00	46.63 0.82 0.00	43.28 1.14 0.00	38.65 0.98 0.00	35.22 0.86 0.00	34.81 1.01 0.00	31.65 1.07 0.00	30.63 1.01 0.00
NEG NORTH___PLATTSBURG 23628	27.21 0.19 0.00	24.89 0.10 0.00	23.84 0.07 0.00	23.55 0.00 0.00	24.00 -0.02 0.00	27.12 0.05 0.00	33.65 0.10 0.00	39.42 -0.36 0.00	34.00 0.00 0.00	29.91 0.12 0.00	30.54 0.57 0.00	28.80 0.54 0.00	28.25 0.61 0.00	28.36 0.69 0.00	29.46 0.83 0.00	31.57 0.89 0.00	40.57 0.91 0.00	47.05 1.24 0.00	43.28 1.14 0.00	38.64 0.98 0.00	35.49 1.13 0.00	34.95 1.15 0.00	31.65 1.07 0.00	30.66 1.04 0.00
NEG WEST_LEA_LOCKPORT 23791	25.72 -1.30 0.00	23.53 -1.26 0.00	22.42 -1.35 0.00	22.06 -1.48 0.00	22.63 -1.39 0.00	25.42 -1.65 0.00	31.57 -1.98 0.00	36.35 -3.42 0.00	31.96 -2.04 0.00	28.24 -1.55 0.00	28.47 -1.50 0.00	26.86 -1.41 0.00	26.24 -1.41 0.00	26.34 -1.33 0.00	27.14 -1.49 0.00	28.99 -1.69 0.00	37.99 -1.67 0.00	43.33 -2.47 0.00	39.91 -2.23 0.00	35.48 -2.18 0.00	32.50 -1.86 0.00	31.94 -1.86 0.00	29.02 -1.56 0.00	28.38 -1.24 0.00
NEG WEST___LANCASTER 23811	27.02 0.00 0.00	24.67 -0.12 0.00	23.49 -0.29 0.00	23.17 -0.38 0.00	23.74 -0.29 0.00	26.69 -0.38 0.00	33.32 -0.23 0.00	38.54 -1.23 0.00	33.59 -0.41 0.00	29.61 -0.18 0.00	29.88 -0.09 0.00	28.18 -0.08 0.00	27.51 -0.14 0.00	27.61 -0.06 0.00	28.40 -0.23 0.00	30.31 -0.37 0.00	39.74 0.08 0.00	45.62 -0.18 0.00	41.84 -0.29 0.00	37.21 -0.45 0.00	34.08 -0.27 0.00	33.39 -0.41 0.00	30.43 -0.15 0.00	29.80 0.18 0.00
NEG_PENN_ALLEGHNY 23528	27.40 0.38 0.00	25.09 0.30 0.00	24.01 0.24 0.00	23.78 0.24 0.00	24.29 0.26 0.00	27.39 0.33 0.00	34.06 0.50 0.00	40.45 0.68 0.00	34.48 0.48 0.00	30.17 0.39 0.00	30.33 0.36 0.00	28.55 0.28 0.00	27.95 0.30 0.00	27.97 0.30 0.00	28.86 0.23 0.00	30.99 0.31 0.00	40.49 0.83 0.00	46.68 0.87 0.00	43.03 0.89 0.00	38.42 0.75 0.00	34.91 0.55 0.00	34.21 0.41 0.00	31.01 0.43 0.00	30.03 0.41 0.00
NEG___GEN_MONROE 24207	26.50 -0.51 0.00	24.20 -0.60 0.00	23.20 -0.57 0.00	22.91 -0.64 0.00	23.47 -0.55 0.00	26.45 -0.62 0.00	32.81 -0.74 0.00	38.22 -1.55 0.00	33.15 -0.85 0.00	29.16 -0.63 0.00	29.31 -0.66 0.00	27.62 -0.65 0.00	27.04 -0.61 0.00	27.09 -0.58 0.00	27.95 -0.69 0.00	29.95 -0.74 0.00	39.26 -0.40 0.00	45.08 -0.73 0.00	41.59 -0.55 0.00	37.10 -0.56 0.00	33.95 -0.41 0.00	33.26 -0.54 0.00	30.06 -0.52 0.00	29.23 -0.39 0.00
NEPA___ENERGY 23901	26.59 -0.43 0.00	24.30 -0.50 0.00	23.13 -0.64 0.00	22.84 -0.71 0.00	23.38 -0.65 0.00	26.28 -0.78 0.00	32.81 -0.74 0.00	37.98 -1.79 0.00	33.12 -0.88 0.00	29.19 -0.60 0.00	29.46 -0.51 0.00	27.82 -0.45 0.00	27.15 -0.50 0.00	27.25 -0.42 0.00	28.00 -0.63 0.00	29.88 -0.80 0.00	39.18 -0.48 0.00	44.98 -0.82 0.00	41.21 -0.93 0.00	36.65 -1.02 0.00	33.60 -0.76 0.00	32.95 -0.85 0.00	30.00 -0.58 0.00	29.38 -0.24 0.00
NEVERSink___HYD 23608	28.40 1.38 0.00	26.08 1.29 0.00	24.98 1.21 0.00	24.79 1.25 0.00	25.27 1.25 0.00	28.50 1.43 0.00	35.63 2.08 0.00	42.76 2.98 0.00	36.11 2.11 0.00	31.51 1.73 0.00	31.53 1.56 0.00	29.65 1.38 0.00	28.89 1.25 0.00	28.80 1.13 0.00	29.92 1.29 0.00	32.15 1.47 0.00	42.20 2.54 0.00	48.92 3.12 0.00	44.92 2.78 0.00	40.15 2.49 0.00	36.25 1.89 0.00	35.56 1.76 0.00	32.14 1.56 0.00	31.19 1.57 0.00
NEWKRMKL_115KV_TB1 55635	27.32 0.30 0.00	25.09 0.30 0.00	24.18 0.40 0.00	23.97 0.42 0.00	24.48 0.46 0.00	27.45 0.38 0.00	34.19 0.64 0.00	41.01 1.23 0.00	34.82 0.82 0.00	30.20 0.42 0.00	30.36 0.39 0.00	28.69 0.42 0.00	28.12 0.47 0.00	28.17 0.50 0.00	29.09 0.46 0.00	31.23 0.55 0.00	40.61 0.95 0.00	47.27 1.47 0.00	43.19 1.05 0.00	38.57 0.90 0.00	35.25 0.89 0.00	34.44 0.64 0.00	31.01 0.43 0.00	30.00 0.39 0.00



NEWTON___FALLS_HYD 23847	26.18 -0.84 0.00	23.97 -0.82 0.00	22.96 -0.81 0.00	22.72 -0.82 0.00	23.16 -0.86 0.00	26.23 -0.84 0.00	32.55 -1.01 0.00	38.50 -1.27 0.00	32.91 -1.09 0.00	29.04 -0.74 0.00	29.19 -0.78 0.00	27.48 -0.79 0.00	26.85 -0.80 0.00	26.92 -0.75 0.00	27.92 -0.72 0.00	29.98 -0.71 0.00	38.74 -0.91 0.00	44.66 -1.15 0.00	41.30 -0.84 0.00	36.91 -0.75 0.00	33.60 -0.76 0.00	33.06 -0.74 0.00	30.00 -0.58 0.00	28.94 -0.68 0.00
NGRID_A1_DSASP 323792	25.21 -1.81 0.00	22.98 -1.81 0.00	21.89 -1.88 0.00	21.62 -1.93 0.00	22.25 -1.78 0.00	24.82 -2.25 0.00	30.70 -2.85 0.00	35.84 -3.94 0.00	31.39 -2.62 0.00	27.88 -1.91 0.00	28.08 -1.89 0.00	26.46 -1.81 0.00	26.18 -1.47 0.00	26.23 -1.44 0.00	26.71 -1.92 0.00	28.63 -2.06 0.00	37.51 -2.14 0.00	42.51 -3.30 0.00	39.49 -2.65 0.00	35.14 -2.52 0.00	32.13 -2.23 0.00	31.40 -2.40 0.00	28.78 -1.80 0.00	27.90 -1.72 0.00
NGRID_A2_DSASP 323793	25.21 -1.81 0.00	22.98 -1.81 0.00	21.89 -1.88 0.00	21.62 -1.93 0.00	22.25 -1.78 0.00	24.82 -2.25 0.00	30.70 -2.85 0.00	35.84 -3.94 0.00	31.39 -2.62 0.00	27.88 -1.91 0.00	28.08 -1.89 0.00	26.46 -1.81 0.00	26.18 -1.47 0.00	26.23 -1.44 0.00	26.71 -1.92 0.00	28.63 -2.06 0.00	37.51 -2.14 0.00	42.51 -3.30 0.00	39.49 -2.65 0.00	35.14 -2.52 0.00	32.13 -2.23 0.00	31.40 -2.40 0.00	28.78 -1.80 0.00	27.90 -1.72 0.00
NGRID_A4_DSASP 323807	25.21 -1.81 0.00	22.98 -1.81 0.00	21.89 -1.88 0.00	21.62 -1.93 0.00	22.25 -1.78 0.00	24.82 -2.25 0.00	30.70 -2.85 0.00	35.84 -3.94 0.00	31.39 -2.62 0.00	27.88 -1.91 0.00	28.08 -1.89 0.00	26.46 -1.81 0.00	26.18 -1.47 0.00	26.23 -1.44 0.00	26.71 -1.92 0.00	28.63 -2.06 0.00	37.51 -2.14 0.00	42.51 -3.30 0.00	39.49 -2.65 0.00	35.14 -2.52 0.00	32.13 -2.23 0.00	31.40 -2.40 0.00	28.78 -1.80 0.00	27.90 -1.72 0.00
NIAGARA_115E_LBMP 323715	25.26 -1.76 0.00	23.18 -1.61 0.00	22.08 -1.69 0.00	21.78 -1.77 0.00	22.25 -1.78 0.00	25.01 -2.06 0.00	30.87 -2.69 0.00	36.08 -3.70 0.00	31.55 -2.45 0.00	28.03 -1.76 0.00	28.20 -1.77 0.00	26.57 -1.70 0.00	26.29 -1.35 0.00	26.34 -1.33 0.00	26.86 -1.78 0.00	28.78 -1.90 0.00	37.75 -1.90 0.00	42.74 -3.07 0.00	39.74 -2.40 0.00	35.37 -2.30 0.00	32.33 -2.03 0.00	31.57 -2.23 0.00	28.93 -1.65 0.00	28.05 -1.57 0.00
NIAGARA_115W_LBMP 323714	25.15 -1.86 0.00	22.93 -1.86 0.00	21.85 -1.92 0.00	21.55 -2.00 0.00	22.20 -1.83 0.00	24.77 -2.30 0.00	30.60 -2.95 0.00	35.76 -4.02 0.00	31.28 -2.72 0.00	27.79 -2.00 0.00	27.99 -1.98 0.00	26.37 -1.89 0.00	26.13 -1.52 0.00	26.15 -1.52 0.00	26.66 -1.98 0.00	28.53 -2.15 0.00	37.44 -2.22 0.00	42.37 -3.44 0.00	39.36 -2.78 0.00	35.07 -2.60 0.00	32.06 -2.30 0.00	31.30 -2.50 0.00	28.71 -1.87 0.00	27.84 -1.78 0.00
NIAGARA_230_LBMP 323716	25.51 -1.51 0.00	23.31 -1.49 0.00	22.20 -1.57 0.00	21.92 -1.62 0.00	22.46 -1.56 0.00	25.17 -1.90 0.00	31.14 -2.42 0.00	36.35 -3.42 0.00	31.79 -2.21 0.00	28.24 -1.55 0.00	28.44 -1.53 0.00	26.80 -1.47 0.00	26.51 -1.13 0.00	26.56 -1.11 0.00	27.06 -1.57 0.00	28.99 -1.69 0.00	37.99 -1.66 0.00	43.06 -2.75 0.00	39.99 -2.15 0.00	35.63 -2.03 0.00	32.54 -1.82 0.00	31.81 -1.99 0.00	29.14 -1.44 0.00	28.26 -1.36 0.00
NIAGARA___115KV_198_GIBSON 55903	25.02 -2.00 0.00	23.01 -1.79 0.00	21.80 -1.97 0.00	21.59 -1.95 0.00	22.13 -1.90 0.00	24.71 -2.35 0.00	30.67 -2.89 0.00	35.24 -4.53 0.00	31.01 -2.99 0.00	27.46 -2.32 0.00	27.69 -2.28 0.00	26.15 -2.12 0.00	25.55 -2.10 0.00	25.65 -2.02 0.00	26.40 -2.23 0.00	28.20 -2.49 0.00	36.88 -2.78 0.00	41.96 -3.85 0.00	38.68 -3.46 0.00	34.39 -3.28 0.00	31.54 -2.82 0.00	30.99 -2.81 0.00	28.23 -2.35 0.00	27.63 -1.98 0.00
NIAGARA____ 23760	25.51 -1.51 0.00	23.31 -1.49 0.00	22.20 -1.57 0.00	21.92 -1.62 0.00	22.46 -1.56 0.00	25.17 -1.90 0.00	31.14 -2.42 0.00	36.35 -3.42 0.00	31.79 -2.21 0.00	28.24 -1.55 0.00	28.44 -1.53 0.00	26.80 -1.47 0.00	26.51 -1.13 0.00	26.56 -1.11 0.00	27.06 -1.57 0.00	28.99 -1.69 0.00	37.99 -1.66 0.00	43.06 -2.75 0.00	39.99 -2.15 0.00	35.63 -2.03 0.00	32.54 -1.82 0.00	31.81 -1.99 0.00	29.14 -1.44 0.00	28.26 -1.36 0.00
NINE_MILE_1 23575	26.29 -0.73 0.00	24.10 -0.69 0.00	23.08 -0.69 0.00	22.86 -0.68 0.00	23.35 -0.67 0.00	26.31 -0.76 0.00	32.41 -1.14 0.00	38.42 -1.35 0.00	32.81 -1.19 0.00	28.74 -1.04 0.00	28.92 -1.05 0.00	27.28 -0.99 0.00	26.74 -0.91 0.00	26.73 -0.94 0.00	27.57 -1.06 0.00	29.58 -1.10 0.00	38.43 -1.23 0.00	44.34 -1.47 0.00	40.83 -1.31 0.00	36.50 -1.17 0.00	33.23 -1.13 0.00	32.62 -1.18 0.00	29.51 -1.07 0.00	28.55 -1.07 0.00
NINE_MILE_2 23744	26.29 -0.73 0.00	24.10 -0.69 0.00	23.08 -0.69 0.00	22.86 -0.68 0.00	23.35 -0.67 0.00	26.31 -0.76 0.00	32.41 -1.14 0.00	38.42 -1.35 0.00	32.81 -1.19 0.00	28.74 -1.04 0.00	28.92 -1.05 0.00	27.28 -0.99 0.00	26.74 -0.91 0.00	26.73 -0.94 0.00	27.60 -1.03 0.00	29.58 -1.10 0.00	38.43 -1.23 0.00	44.34 -1.47 0.00	40.83 -1.31 0.00	36.50 -1.17 0.00	33.23 -1.13 0.00	32.62 -1.18 0.00	29.51 -1.07 0.00	28.55 -1.07 0.00
NM_CAPITAL___DRP 24208	27.37 0.35 0.00	25.16 0.37 0.00	24.22 0.45 0.00	24.02 0.47 0.00	24.53 0.50 0.00	27.53 0.46 0.00	34.26 0.70 0.00	41.13 1.35 0.00	34.92 0.92 0.00	30.29 0.51 0.00	30.45 0.48 0.00	28.75 0.48 0.00	28.20 0.55 0.00	28.22 0.55 0.00	29.20 0.57 0.00	31.33 0.64 0.00	40.73 1.07 0.00	47.41 1.60 0.00	43.28 1.14 0.00	38.68 1.02 0.00	35.35 1.00 0.00	34.54 0.74 0.00	31.10 0.52 0.00	30.12 0.50 0.00
NM_CENTRAL___DRP 24181	26.78 -0.24 0.00	24.54 -0.25 0.00	23.51 -0.26 0.00	23.29 -0.26 0.00	23.78 -0.24 0.00	26.80 -0.27 0.00	33.15 -0.40 0.00	39.26 -0.52 0.00	33.53 -0.48 0.00	29.31 -0.48 0.00	29.49 -0.48 0.00	27.84 -0.42 0.00	27.20 -0.44 0.00	27.23 -0.44 0.00	28.15 -0.49 0.00	30.16 -0.52 0.00	39.22 -0.44 0.00	45.44 -0.37 0.00	41.68 -0.46 0.00	37.21 -0.45 0.00	33.98 -0.38 0.00	33.26 -0.54 0.00	30.03 -0.55 0.00	29.09 -0.53 0.00
NM_FRONTIER___DRP 24179	25.02 -2.00 0.00	23.01 -1.79 0.00	21.80 -1.97 0.00	21.59 -1.95 0.00	22.13 -1.90 0.00	24.71 -2.35 0.00	30.67 -2.89 0.00	35.24 -4.53 0.00	31.01 -2.99 0.00	27.46 -2.32 0.00	27.69 -2.28 0.00	26.15 -2.12 0.00	25.55 -2.10 0.00	25.65 -2.02 0.00	26.40 -2.23 0.00	28.20 -2.49 0.00	36.88 -2.78 0.00	41.96 -3.85 0.00	38.68 -3.46 0.00	34.39 -3.28 0.00	31.54 -2.82 0.00	30.99 -2.81 0.00	28.23 -2.35 0.00	27.63 -1.98 0.00
NM_ST_REGIS___HYD 24053	26.48 -0.54 0.00	24.30 -0.50 0.00	23.27 -0.50 0.00	23.03 -0.52 0.00	23.42 -0.60 0.00	26.47 -0.60 0.00	32.75 -0.81 0.00	38.46 -1.31 0.00	33.08 -0.92 0.00	29.31 -0.48 0.00	29.61 -0.36 0.00	27.87 -0.40 0.00	27.29 -0.36 0.00	27.36 -0.30 0.00	28.40 -0.23 0.00	30.31 -0.37 0.00	38.82 -0.83 0.00	44.53 -1.28 0.00	41.38 -0.76 0.00	36.99 -0.68 0.00	33.71 -0.65 0.00	33.39 -0.41 0.00	30.46 -0.12 0.00	29.44 -0.18 0.00



NORTHPORT___1 23551	36.08 1.76 -7.31	31.08 1.69 -4.60	25.27 1.50 0.00	25.10 1.55 0.00	25.56 1.54 0.00	28.77 1.71 0.00	37.60 2.62 -1.42	43.47 3.70 0.00	38.98 2.89 -2.09	32.08 2.29 0.00	35.52 2.43 -3.12	32.54 2.26 -2.01	29.39 1.74 0.00	29.49 1.83 0.00	30.72 2.09 0.00	35.43 2.42 -2.33	45.76 3.61 -2.50	60.34 4.12 -10.41	53.48 3.58 -7.76	50.28 3.16 -9.45	44.44 2.54 -7.54	39.62 2.37 -3.45	35.86 2.14 -3.14	33.59 2.16 -1.81
NORTHPORT___2 23552	36.08 1.76 -7.31	31.08 1.69 -4.60	25.27 1.50 0.00	25.10 1.55 0.00	25.56 1.54 0.00	28.77 1.71 0.00	37.60 2.62 -1.42	43.47 3.70 0.00	38.98 2.89 -2.09	32.08 2.29 0.00	35.52 2.43 -3.12	32.54 2.26 -2.01	29.39 1.74 0.00	29.49 1.83 0.00	30.72 2.09 0.00	35.43 2.42 -2.33	45.76 3.61 -2.50	60.34 4.12 -10.41	53.48 3.58 -7.76	50.28 3.16 -9.45	44.44 2.54 -7.54	39.62 2.37 -3.45	35.86 2.14 -3.14	33.59 2.16 -1.81
NORTHPORT___3 23553	35.81 1.49 -7.31	30.85 1.46 -4.60	25.10 1.33 0.00	24.91 1.37 0.00	25.39 1.37 0.00	28.58 1.51 0.00	37.29 2.31 -1.42	42.80 3.02 0.00	38.54 2.45 -2.09	31.93 2.15 0.00	35.19 2.10 -3.12	32.29 2.01 -2.01	29.25 1.60 0.00	29.33 1.66 0.00	30.49 1.86 0.00	34.98 1.97 -2.33	44.85 2.70 -2.50	59.43 3.21 -10.41	52.68 2.78 -7.76	49.64 2.52 -9.45	43.79 1.89 -7.54	39.01 1.76 -3.45	35.52 1.80 -3.14	33.35 1.92 -1.81
NORTHPORT___4 23650	35.81 1.49 -7.31	30.85 1.46 -4.60	25.10 1.33 0.00	24.91 1.37 0.00	25.39 1.37 0.00	28.58 1.51 0.00	37.29 2.31 -1.42	42.80 3.02 0.00	38.54 2.45 -2.09	31.93 2.15 0.00	35.19 2.10 -3.12	32.29 2.01 -2.01	29.25 1.60 0.00	29.33 1.66 0.00	30.49 1.86 0.00	34.98 1.97 -2.33	44.85 2.70 -2.50	59.43 3.21 -10.41	52.68 2.78 -7.76	49.64 2.52 -9.45	43.79 1.89 -7.54	39.01 1.76 -3.45	35.52 1.80 -3.14	33.35 1.92 -1.81
NORTHPORT___IC 23718	36.08 1.76 -7.31	31.08 1.69 -4.60	25.27 1.50 0.00	25.10 1.55 0.00	25.56 1.54 0.00	28.77 1.71 0.00	37.60 2.62 -1.42	43.47 3.70 0.00	38.98 2.89 -2.09	32.08 2.29 0.00	35.52 2.43 -3.12	32.54 2.26 -2.01	29.39 1.74 0.00	29.49 1.83 0.00	30.72 2.09 0.00	35.43 2.42 -2.33	45.76 3.61 -2.50	60.34 4.12 -10.41	53.48 3.58 -7.76	50.28 3.16 -9.45	44.44 2.54 -7.54	39.62 2.37 -3.45	35.86 2.14 -3.14	33.59 2.16 -1.81
NORTH___COUNTRY_ESR 323785	26.86 -0.16 0.00	24.59 -0.20 0.00	23.56 -0.21 0.00	23.27 -0.28 0.00	23.71 -0.31 0.00	26.77 -0.30 0.00	33.12 -0.44 0.00	38.82 -0.95 0.00	33.53 -0.48 0.00	29.49 -0.30 0.00	29.94 -0.03 0.00	28.27 0.00 0.00	27.73 0.08 0.00	27.86 0.20 0.00	28.95 0.32 0.00	31.02 0.34 0.00	39.70 0.04 0.00	45.99 0.18 0.00	42.31 0.17 0.00	37.78 0.11 0.00	34.74 0.38 0.00	34.27 0.47 0.00	31.07 0.49 0.00	30.09 0.47 0.00
NPX_GEN_1385_PROXY 323591	35.30 0.97 -7.31	30.48 1.09 -4.60	25.13 1.35 0.00	24.96 1.41 0.00	25.44 1.42 0.00	28.61 1.54 0.00	37.23 2.25 -1.42	43.07 3.30 0.00	38.81 2.72 -2.09	31.84 2.05 0.00	34.95 1.86 -3.12	31.97 1.70 -2.01	29.14 1.49 0.00	29.36 1.69 0.00	30.72 2.09 0.00	36.99 2.46 -3.85	44.40 3.77 -0.97	59.70 3.48 -10.41	52.72 2.82 -7.76	49.34 2.22 -9.45	43.89 1.99 -7.54	38.94 1.69 -3.45	35.49 1.77 -3.14	33.24 1.81 -1.81
NPX_GEN_CSC 323557	36.56 2.19 -7.35	31.42 2.03 -4.60	25.10 1.33 0.00	24.94 1.39 0.00	25.42 1.39 0.00	28.58 1.51 0.00	37.42 2.45 -1.42	43.36 3.58 0.00	38.81 2.72 -2.09	31.81 2.03 0.00	35.91 2.82 -3.12	32.85 2.57 -2.01	29.06 1.41 0.00	29.16 1.49 0.00	30.44 1.80 0.00	36.68 2.15 -3.85	44.00 3.37 -0.97	60.25 4.03 -10.41	53.39 3.50 -7.76	50.32 3.20 -9.45	44.40 2.51 -7.54	39.62 2.37 -3.45	35.73 2.02 -3.14	33.59 2.16 -1.81
NSINS_S_GLNS_FALLS 23858	28.45 1.43 0.00	26.11 1.31 0.00	25.08 1.31 0.00	24.87 1.32 0.00	25.44 1.42 0.00	28.64 1.57 0.00	35.90 2.35 0.00	42.92 3.14 0.00	36.42 2.41 0.00	31.43 1.64 0.00	31.56 1.59 0.00	29.65 1.39 0.00	29.03 1.38 0.00	29.08 1.41 0.00	30.18 1.55 0.00	32.55 1.87 0.00	42.59 2.93 0.00	49.70 3.89 0.00	45.47 3.33 0.00	40.45 2.79 0.00	37.04 2.68 0.00	36.03 2.23 0.00	32.32 1.74 0.00	31.28 1.66 0.00
NUCOR_STEEL___DRP 24197	27.13 0.11 0.00	24.82 0.02 0.00	23.75 -0.02 0.00	23.55 0.00 0.00	24.05 0.02 0.00	27.12 0.05 0.00	33.65 0.10 0.00	39.85 0.08 0.00	34.04 0.03 0.00	29.76 -0.03 0.00	29.88 -0.09 0.00	28.18 -0.08 0.00	27.54 -0.11 0.00	27.56 -0.11 0.00	28.49 -0.14 0.00	30.59 -0.09 0.00	39.89 0.24 0.00	46.22 0.41 0.00	42.43 0.29 0.00	37.85 0.19 0.00	34.56 0.21 0.00	33.83 0.03 0.00	30.52 -0.06 0.00	29.56 -0.06 0.00
NUMBER_THREE_WT_PWR 323818	26.75 -0.27 0.00	24.45 -0.35 0.00	23.42 -0.36 0.00	23.17 -0.38 0.00	23.66 -0.36 0.00	26.82 -0.24 0.00	33.39 -0.17 0.00	39.77 0.00 0.00	33.83 -0.17 0.00	29.79 0.00 0.00	29.88 -0.09 0.00	28.10 -0.17 0.00	27.42 -0.22 0.00	27.48 -0.19 0.00	28.52 -0.11 0.00	30.77 0.09 0.00	40.13 0.48 0.00	46.45 0.64 0.00	42.77 0.63 0.00	38.19 0.53 0.00	34.77 0.41 0.00	34.00 0.20 0.00	30.70 0.12 0.00	29.59 -0.03 0.00
NYISO_LBMP_REFERENCE 24008	27.02 0.00 0.00	24.79 0.00 0.00	23.77 0.00 0.00	23.55 0.00 0.00	24.02 0.00 0.00	27.07 0.00 0.00	33.55 0.00 0.00	39.77 0.00 0.00	34.00 0.00 0.00	29.79 0.00 0.00	29.97 0.00 0.00	28.27 0.00 0.00	27.65 0.00 0.00	27.67 0.00 0.00	28.63 0.00 0.00	30.68 0.00 0.00	39.66 0.00 0.00	45.81 0.00 0.00	42.14 0.00 0.00	37.67 0.00 0.00	34.36 0.00 0.00	33.80 0.00 0.00	30.58 0.00 0.00	29.62 0.00 0.00
NYPA_BRENTWD___GT 24164	36.47 2.13 -7.31	31.45 2.06 -4.60	25.63 1.86 0.00	25.43 1.88 0.00	25.92 1.90 0.00	29.21 2.14 0.00	38.20 3.22 -1.42	44.07 4.30 0.00	39.46 3.37 -2.09	32.44 2.65 0.00	35.85 2.76 -3.12	32.93 2.66 -2.01	29.72 2.07 0.00	29.85 2.19 0.00	31.12 2.49 0.00	35.89 2.88 -2.33	46.44 4.28 -2.50	61.21 4.99 -10.41	54.32 4.42 -7.76	51.07 3.95 -9.45	45.09 3.20 -7.54	40.26 3.01 -3.45	36.38 2.66 -3.14	34.06 2.64 -1.81
NYPA_GOWANUS___GT5 24156	28.62 1.59 -0.01	26.34 1.54 -0.01	25.32 1.54 -0.01	25.16 1.60 -0.01	25.55 1.51 -0.01	28.64 1.57 0.00	35.67 2.12 0.00	42.80 3.02 0.00	36.01 2.01 0.00	31.64 1.85 0.00	31.53 1.56 0.00	29.68 1.41 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.95 1.32 0.00	32.18 1.50 0.00	42.31 2.66 0.00	49.11 3.30 0.00	44.97 2.82 -0.01	40.26 2.60 0.00	36.08 1.72 0.00	35.49 1.69 0.00	32.41 1.83 0.00	31.61 1.98 -0.01
NYPA_GOWANUS___GT6 24157	28.62 1.59 -0.01	26.34 1.54 -0.01	25.32 1.54 -0.01	25.16 1.60 -0.01	25.55 1.51 -0.01	28.64 1.57 0.00	35.67 2.12 0.00	42.80 3.02 0.00	36.01 2.01 0.00	31.64 1.85 0.00	31.53 1.56 0.00	29.68 1.41 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.95 1.32 0.00	32.18 1.50 0.00	42.31 2.66 0.00	49.11 3.30 0.00	44.97 2.82 -0.01	40.26 2.60 0.00	36.08 1.72 0.00	35.49 1.69 0.00	32.41 1.83 0.00	31.61 1.98 -0.01



NYPA_HARLEM__RVR__GT1 24160	28.21 1.19 0.00	26.01 1.21 0.00	25.15 1.38 0.00	24.97 1.41 -0.01	25.20 1.18 0.00	28.15 1.08 0.00	35.20 1.64 0.00	42.59 2.82 0.01	36.00 2.01 0.01	31.60 1.82 0.01	31.61 1.65 0.01	29.79 1.53 0.01	28.99 1.35 0.01	28.99 1.33 0.01	30.08 1.46 0.01	32.24 1.56 0.01	42.11 2.46 0.01	48.73 2.93 0.01	44.57 2.44 0.01	39.96 2.30 0.01	35.93 1.58 0.01	35.24 1.45 0.01	31.99 1.41 0.00	31.19 1.57 0.00
NYPA_HARLEM__RVR__GT2 24161	28.21 1.19 0.00	26.01 1.21 0.00	25.15 1.38 0.00	24.97 1.41 -0.01	25.20 1.18 0.00	28.15 1.08 0.00	35.20 1.64 0.00	42.59 2.82 0.01	36.00 2.01 0.01	31.60 1.82 0.01	31.61 1.65 0.01	29.79 1.53 0.01	28.99 1.35 0.01	28.99 1.33 0.01	30.08 1.46 0.01	32.24 1.56 0.01	42.11 2.46 0.01	48.73 2.93 0.01	44.57 2.44 0.01	39.96 2.30 0.01	35.93 1.58 0.01	35.24 1.45 0.01	31.99 1.41 0.00	31.19 1.57 0.00
NYPA_KENT____GT 24152	28.34 1.32 0.00	26.06 1.26 -0.01	25.09 1.31 -0.01	24.92 1.37 -0.01	25.28 1.25 -0.01	28.39 1.33 0.00	35.50 1.95 0.00	42.84 3.06 0.00	36.15 2.14 0.00	31.72 1.94 0.00	31.68 1.71 0.00	29.85 1.58 0.00	29.03 1.38 0.00	29.05 1.38 0.00	30.12 1.49 0.00	32.34 1.66 0.00	42.35 2.70 0.00	49.01 3.21 0.00	44.85 2.70 -0.01	40.19 2.52 0.00	36.11 1.75 0.00	35.46 1.66 0.00	32.20 1.62 0.00	31.34 1.72 -0.01
NYPA_POUCH1____GT 24155	28.57 1.54 -0.01	26.29 1.49 -0.01	25.28 1.50 -0.01	25.11 1.55 -0.01	25.50 1.47 -0.01	28.61 1.54 0.00	35.60 2.05 0.00	42.76 2.98 0.00	35.97 1.97 0.00	31.57 1.79 0.00	31.47 1.50 0.00	29.63 1.36 0.00	28.81 1.16 0.00	28.80 1.13 0.00	29.89 1.26 0.00	32.12 1.44 0.00	42.23 2.58 0.00	49.06 3.25 0.00	44.89 2.74 -0.01	40.23 2.56 0.00	36.01 1.65 0.00	35.46 1.66 0.00	32.38 1.80 0.00	31.55 1.92 -0.01
NYPA_VERNON____GT2 24162	28.21 1.19 0.00	25.96 1.17 0.00	24.98 1.21 0.00	24.83 1.27 -0.01	25.18 1.15 0.00	28.29 1.22 0.00	35.40 1.84 0.00	42.76 2.98 0.00	36.11 2.11 0.00	31.70 1.91 0.00	31.71 1.74 0.00	29.88 1.61 0.00	29.08 1.44 0.00	29.08 1.41 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.27 2.62 0.00	48.88 3.07 0.00	44.71 2.57 0.00	40.08 2.41 0.00	36.04 1.68 0.00	35.39 1.59 0.00	32.08 1.50 0.00	31.22 1.60 0.00
NYPA_VERNON____GT3 24163	28.21 1.19 0.00	25.96 1.17 0.00	24.98 1.21 0.00	24.83 1.27 -0.01	25.18 1.15 0.00	28.29 1.22 0.00	35.40 1.84 0.00	42.76 2.98 0.00	36.11 2.11 0.00	31.70 1.91 0.00	31.71 1.74 0.00	29.88 1.61 0.00	29.08 1.44 0.00	29.08 1.41 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.27 2.62 0.00	48.88 3.07 0.00	44.71 2.57 0.00	40.08 2.41 0.00	36.04 1.68 0.00	35.39 1.59 0.00	32.08 1.50 0.00	31.22 1.60 0.00
NYPA__ASTORIA_CC1 323568	28.24 1.22 0.00	25.98 1.19 0.00	25.01 1.24 0.00	24.85 1.29 -0.01	25.20 1.18 0.00	28.29 1.22 0.00	35.33 1.78 0.00	42.72 2.94 0.00	36.08 2.07 0.00	31.67 1.88 0.00	31.68 1.71 0.00	29.85 1.58 0.00	29.06 1.41 0.00	29.05 1.38 0.00	30.15 1.52 0.00	32.31 1.63 0.00	42.23 2.58 0.00	48.83 3.02 0.00	44.67 2.53 0.00	40.04 2.37 0.00	36.01 1.65 0.00	35.36 1.56 0.00	32.08 1.50 0.00	31.22 1.60 0.00
NYPA__ASTORIA_CC2 323569	28.24 1.22 0.00	25.98 1.19 0.00	25.01 1.24 0.00	24.85 1.29 -0.01	25.20 1.18 0.00	28.29 1.22 0.00	35.33 1.78 0.00	42.72 2.94 0.00	36.08 2.07 0.00	31.67 1.88 0.00	31.68 1.71 0.00	29.85 1.58 0.00	29.06 1.41 0.00	29.05 1.38 0.00	30.15 1.52 0.00	32.31 1.63 0.00	42.23 2.58 0.00	48.83 3.02 0.00	44.67 2.53 0.00	40.04 2.37 0.00	36.01 1.65 0.00	35.36 1.56 0.00	32.08 1.50 0.00	31.22 1.60 0.00
NYPA__HOLTSVILL 23794	36.40 2.03 -7.35	31.27 1.88 -4.60	25.25 1.47 0.00	25.08 1.53 0.00	25.56 1.54 0.00	28.75 1.68 0.00	37.60 2.62 -1.42	43.55 3.78 0.00	39.02 2.92 -2.09	31.99 2.20 0.00	35.73 2.64 -3.12	32.71 2.43 -2.01	29.28 1.63 0.00	29.38 1.72 0.00	30.64 2.00 0.00	35.37 2.36 -2.33	45.72 3.57 -2.50	60.43 4.21 -10.41	53.56 3.66 -7.76	50.43 3.32 -9.45	44.54 2.65 -7.54	39.75 2.50 -3.45	35.89 2.17 -3.14	33.68 2.25 -1.81
NYPA__HELLGATE_GT1 24158	28.21 1.19 0.00	26.01 1.21 0.00	25.15 1.38 0.00	24.97 1.41 -0.01	25.20 1.18 0.00	28.15 1.08 0.00	35.20 1.64 0.00	42.59 2.82 0.01	36.00 2.01 0.01	31.60 1.82 0.01	31.61 1.65 0.01	29.79 1.53 0.01	28.99 1.35 0.01	28.99 1.33 0.01	30.08 1.46 0.01	32.24 1.56 0.01	42.11 2.46 0.01	48.73 2.93 0.01	44.57 2.44 0.01	39.96 2.30 0.01	35.93 1.58 0.01	35.24 1.45 0.01	31.99 1.41 0.00	31.19 1.57 0.00
NYPA__HELLGATE_GT2 24159	28.21 1.19 0.00	26.01 1.21 0.00	25.15 1.38 0.00	24.97 1.41 -0.01	25.20 1.18 0.00	28.15 1.08 0.00	35.20 1.64 0.00	42.59 2.82 0.01	36.00 2.01 0.01	31.60 1.82 0.01	31.61 1.65 0.01	29.79 1.53 0.01	28.99 1.35 0.01	28.99 1.33 0.01	30.08 1.46 0.01	32.24 1.56 0.01	42.11 2.46 0.01	48.73 2.93 0.01	44.57 2.44 0.01	39.96 2.30 0.01	35.93 1.58 0.01	35.24 1.45 0.01	31.99 1.41 0.00	31.19 1.57 0.00
NYS_BARGE__HYD 23848	25.78 -1.24 0.00	23.58 -1.21 0.00	22.46 -1.31 0.00	22.16 -1.39 0.00	22.68 -1.34 0.00	25.47 -1.60 0.00	31.54 -2.01 0.00	36.87 -2.90 0.00	32.23 -1.77 0.00	28.60 -1.19 0.00	28.77 -1.20 0.00	27.08 -1.19 0.00	26.82 -0.83 0.00	26.87 -0.80 0.00	27.37 -1.26 0.00	29.36 -1.32 0.00	38.55 -1.11 0.00	43.75 -2.06 0.00	40.62 -1.52 0.00	36.16 -1.51 0.00	33.02 -1.34 0.00	32.25 -1.55 0.00	29.51 -1.07 0.00	28.58 -1.04 0.00
OAK ORCHARD__HYD 24046	26.42 -0.59 0.00	24.12 -0.67 0.00	23.03 -0.74 0.00	22.77 -0.78 0.00	23.33 -0.70 0.00	26.26 -0.81 0.00	32.58 -0.97 0.00	38.42 -1.35 0.00	33.22 -0.78 0.00	29.25 -0.54 0.00	29.40 -0.57 0.00	27.70 -0.57 0.00	27.26 -0.39 0.00	27.31 -0.36 0.00	28.00 -0.63 0.00	30.07 -0.61 0.00	39.42 -0.24 0.00	45.07 -0.73 0.00	41.76 -0.38 0.00	37.22 -0.45 0.00	33.91 -0.45 0.00	33.16 -0.64 0.00	30.12 -0.46 0.00	29.06 -0.56 0.00
OAKDALE__35_KV_LOAD 356122	27.34 0.32 0.00	25.04 0.25 0.00	23.96 0.19 0.00	23.74 0.19 0.00	24.24 0.22 0.00	27.34 0.27 0.00	33.99 0.44 0.00	40.29 0.52 0.00	34.41 0.41 0.00	30.09 0.30 0.00	30.24 0.27 0.00	28.49 0.23 0.00	27.84 0.19 0.00	27.86 0.19 0.00	28.80 0.17 0.00	30.90 0.21 0.00	40.29 0.63 0.00	46.72 0.92 0.00	42.77 0.63 0.00	38.19 0.53 0.00	34.87 0.52 0.00	34.14 0.34 0.00	30.85 0.28 0.00	29.94 0.33 0.00
OCC_CHEM__DRP 24175	25.07 -1.95 0.00	23.06 -1.74 0.00	21.85 -1.93 0.00	21.64 -1.91 0.00	22.17 -1.85 0.00	24.77 -2.30 0.00	30.73 -2.82 0.00	35.36 -4.41 0.00	31.08 -2.92 0.00	27.52 -2.26 0.00	27.78 -2.19 0.00	26.20 -2.06 0.00	25.63 -2.02 0.00	25.70 -1.96 0.00	26.48 -2.15 0.00	28.26 -2.42 0.00	36.96 -2.70 0.00	42.10 -3.71 0.00	38.81 -3.33 0.00	34.50 -3.16 0.00	31.61 -2.75 0.00	31.10 -2.70 0.00	28.29 -2.29 0.00	27.69 -1.93 0.00



OH_GEN_PROXY 24063	25.53 -1.49 0.00	23.33 -1.46 0.00	22.25 -1.52 0.00	21.94 -1.60 0.00	22.51 -1.51 0.00	25.23 -1.84 0.00	31.20 -2.35 0.00	36.51 -3.26 0.00	31.89 -2.11 0.00	28.30 -1.49 0.00	28.53 -1.44 0.00	26.86 -1.41 0.00	26.57 -1.08 0.00	26.62 -1.05 0.00	27.14 -1.49 0.00	30.58 -1.63 -1.52	36.59 -1.55 1.52	43.20 -2.61 0.00	40.12 -2.02 0.00	35.71 -1.96 0.00	32.64 -1.72 0.00	31.87 -1.93 0.00	29.23 -1.34 0.00	28.32 -1.30 0.00
OLIN_CORP_DRP 24177	25.32 -1.70 0.00	23.13 -1.66 0.00	22.06 -1.71 0.00	21.71 -1.84 0.00	22.25 -1.78 0.00	25.01 -2.06 0.00	31.00 -2.55 0.00	35.64 -4.14 0.00	31.35 -2.65 0.00	27.73 -2.06 0.00	27.99 -1.98 0.00	26.37 -1.89 0.00	25.79 -1.85 0.00	25.90 -1.77 0.00	26.69 -1.95 0.00	28.47 -2.21 0.00	37.28 -2.38 0.00	42.46 -3.34 0.00	39.15 -2.99 0.00	34.77 -2.90 0.00	31.88 -2.47 0.00	31.33 -2.47 0.00	28.50 -2.08 0.00	27.90 -1.72 0.00
OLIN_CORP_DSASP 323712	25.21 -1.81 0.00	22.98 -1.81 0.00	21.89 -1.88 0.00	21.62 -1.93 0.00	22.25 -1.78 0.00	24.82 -2.25 0.00	30.70 -2.85 0.00	35.84 -3.94 0.00	31.39 -2.62 0.00	27.88 -1.91 0.00	28.08 -1.89 0.00	26.46 -1.81 0.00	26.18 -1.47 0.00	26.23 -1.44 0.00	26.71 -1.92 0.00	28.63 -2.06 0.00	37.51 -2.14 0.00	42.51 -3.30 0.00	39.49 -2.65 0.00	35.14 -2.52 0.00	32.13 -2.23 0.00	31.40 -2.40 0.00	28.78 -1.80 0.00	27.90 -1.72 0.00
ONEIDA_HERK_LFGE 323681	27.45 0.43 0.00	25.11 0.32 0.00	24.06 0.29 0.00	23.83 0.28 0.00	24.34 0.31 0.00	27.56 0.49 0.00	34.29 0.74 0.00	40.85 1.07 0.00	34.75 0.75 0.00	30.41 0.63 0.00	30.54 0.57 0.00	28.75 0.48 0.00	28.06 0.42 0.00	28.08 0.42 0.00	29.12 0.49 0.00	31.39 0.71 0.00	40.92 1.27 0.00	47.32 1.51 0.00	43.53 1.39 0.00	38.87 1.21 0.00	35.36 1.00 0.00	34.65 0.85 0.00	31.28 0.70 0.00	30.18 0.56 0.00
ONEIDA___115KV_TB4 55905	27.86 0.84 0.00	25.54 0.74 0.00	24.46 0.69 0.00	24.23 0.68 0.00	24.75 0.72 0.00	28.02 0.95 0.00	34.86 1.31 0.00	41.44 1.67 0.00	35.29 1.29 0.00	30.77 0.98 0.00	30.93 0.96 0.00	29.09 0.82 0.00	28.42 0.77 0.00	28.42 0.75 0.00	29.43 0.80 0.00	31.72 1.04 0.00	41.40 1.74 0.00	47.87 2.06 0.00	43.91 1.77 0.00	39.21 1.54 0.00	35.73 1.37 0.00	34.95 1.15 0.00	31.53 0.95 0.00	30.48 0.86 0.00
ONONDAGA_REF_OCCRA 23987	26.94 -0.08 0.00	24.67 -0.12 0.00	23.63 -0.14 0.00	23.41 -0.14 0.00	23.90 -0.12 0.00	26.96 -0.11 0.00	33.39 -0.17 0.00	39.54 -0.24 0.00	33.76 -0.24 0.00	29.52 -0.27 0.00	29.70 -0.27 0.00	28.01 -0.25 0.00	27.37 -0.28 0.00	27.42 -0.25 0.00	28.32 -0.31 0.00	30.37 -0.31 0.00	39.54 -0.12 0.00	45.81 0.00 0.00	42.06 -0.08 0.00	37.55 -0.11 0.00	34.26 -0.10 0.00	33.53 -0.27 0.00	30.27 -0.31 0.00	29.29 -0.33 0.00
ONONDAGA___COGEN 23986	26.94 -0.08 0.00	24.67 -0.12 0.00	23.63 -0.14 0.00	23.38 -0.16 0.00	23.88 -0.14 0.00	26.93 -0.14 0.00	33.35 -0.20 0.00	39.50 -0.28 0.00	33.73 -0.27 0.00	29.49 -0.30 0.00	29.64 -0.33 0.00	27.96 -0.31 0.00	27.32 -0.33 0.00	27.34 -0.33 0.00	28.26 -0.37 0.00	30.31 -0.37 0.00	39.46 -0.20 0.00	45.72 -0.09 0.00	41.97 -0.17 0.00	37.48 -0.19 0.00	34.22 -0.14 0.00	33.53 -0.27 0.00	30.27 -0.31 0.00	29.29 -0.33 0.00
ONTARIO___LFGE 23819	27.29 0.27 0.00	24.92 0.12 0.00	23.82 0.05 0.00	23.57 0.02 0.00	24.15 0.12 0.00	27.23 0.16 0.00	33.92 0.37 0.00	39.93 0.16 0.00	34.34 0.34 0.00	30.09 0.30 0.00	30.21 0.24 0.00	28.44 0.17 0.00	27.87 0.22 0.00	27.92 0.25 0.00	28.72 0.09 0.00	30.90 0.22 0.00	40.29 0.63 0.00	46.40 0.59 0.00	42.94 0.80 0.00	38.42 0.75 0.00	34.98 0.62 0.00	34.17 0.37 0.00	30.98 0.40 0.00	29.92 0.30 0.00
ORANGEVILLE_WT_PWR 323706	26.40 -0.62 0.00	24.10 -0.69 0.00	22.96 -0.81 0.00	22.68 -0.87 0.00	23.21 -0.82 0.00	26.09 -0.97 0.00	32.45 -1.11 0.00	38.06 -1.71 0.00	33.05 -0.95 0.00	29.25 -0.54 0.00	29.46 -0.51 0.00	27.76 -0.51 0.00	27.40 -0.25 0.00	27.50 -0.17 0.00	28.12 -0.51 0.00	30.16 -0.52 0.00	39.62 -0.04 0.00	45.12 -0.69 0.00	41.85 -0.29 0.00	37.25 -0.41 0.00	33.95 -0.41 0.00	33.16 -0.64 0.00	30.33 -0.25 0.00	29.38 -0.24 0.00
ORANGEVILLE___ESR 323794	26.40 -0.62 0.00	24.10 -0.69 0.00	22.96 -0.81 0.00	22.68 -0.87 0.00	23.21 -0.82 0.00	26.09 -0.97 0.00	32.45 -1.11 0.00	38.06 -1.71 0.00	33.05 -0.95 0.00	29.25 -0.54 0.00	29.46 -0.51 0.00	27.76 -0.51 0.00	27.40 -0.25 0.00	27.50 -0.17 0.00	28.12 -0.51 0.00	30.16 -0.52 0.00	39.62 -0.04 0.00	45.12 -0.69 0.00	41.85 -0.29 0.00	37.25 -0.41 0.00	33.95 -0.41 0.00	33.16 -0.64 0.00	30.33 -0.25 0.00	29.38 -0.24 0.00
OSWEGATCHIE___HYD 24044	26.21 -0.81 0.00	24.00 -0.79 0.00	22.99 -0.78 0.00	22.75 -0.80 0.00	23.18 -0.84 0.00	26.26 -0.81 0.00	32.55 -1.01 0.00	38.50 -1.27 0.00	32.95 -1.05 0.00	29.04 -0.74 0.00	29.19 -0.78 0.00	27.48 -0.79 0.00	26.84 -0.80 0.00	26.89 -0.77 0.00	27.92 -0.71 0.00	29.98 -0.70 0.00	38.75 -0.91 0.00	44.89 -0.92 0.00	41.30 -0.84 0.00	36.91 -0.75 0.00	33.74 -0.62 0.00	33.12 -0.68 0.00	30.00 -0.58 0.00	28.94 -0.68 0.00
OSWEGO___5 23606	26.48 -0.54 0.00	24.27 -0.52 0.00	23.25 -0.52 0.00	23.03 -0.52 0.00	23.52 -0.51 0.00	26.50 -0.57 0.00	32.72 -0.84 0.00	38.78 -0.99 0.00	33.09 -0.92 0.00	28.98 -0.80 0.00	29.16 -0.81 0.00	27.51 -0.76 0.00	26.96 -0.69 0.00	26.95 -0.72 0.00	27.83 -0.80 0.00	29.85 -0.83 0.00	38.78 -0.87 0.00	44.76 -1.05 0.00	41.21 -0.93 0.00	36.80 -0.86 0.00	33.53 -0.82 0.00	32.89 -0.91 0.00	29.76 -0.82 0.00	28.79 -0.83 0.00
OSWEGO___6 23613	26.48 -0.54 0.00	24.27 -0.52 0.00	23.25 -0.52 0.00	23.03 -0.52 0.00	23.52 -0.51 0.00	26.50 -0.57 0.00	32.72 -0.84 0.00	38.78 -0.99 0.00	33.09 -0.92 0.00	28.98 -0.80 0.00	29.16 -0.81 0.00	27.51 -0.76 0.00	26.96 -0.69 0.00	26.95 -0.72 0.00	27.83 -0.80 0.00	29.85 -0.83 0.00	38.78 -0.87 0.00	44.76 -1.05 0.00	41.21 -0.93 0.00	36.80 -0.86 0.00	33.53 -0.82 0.00	32.89 -0.91 0.00	29.76 -0.82 0.00	28.79 -0.83 0.00
OUTOKUMPU-AB___DRP 24206	25.94 -1.08 0.00	23.75 -1.04 0.00	22.56 -1.21 0.00	22.28 -1.27 0.00	22.85 -1.18 0.00	25.61 -1.46 0.00	31.84 -1.71 0.00	36.71 -3.06 0.00	32.27 -1.73 0.00	28.51 -1.28 0.00	28.74 -1.23 0.00	27.11 -1.16 0.00	26.49 -1.16 0.00	26.59 -1.08 0.00	27.40 -1.23 0.00	29.27 -1.41 0.00	38.35 -1.31 0.00	43.75 -2.06 0.00	40.29 -1.85 0.00	35.78 -1.88 0.00	32.81 -1.55 0.00	32.21 -1.59 0.00	29.30 -1.28 0.00	28.64 -0.98 0.00
OXBOW___BTM 323836	25.56 -1.46 0.00	23.48 -1.31 0.00	22.25 -1.52 0.00	22.02 -1.53 0.00	22.56 -1.47 0.00	25.25 -1.81 0.00	31.37 -2.18 0.00	36.11 -3.66 0.00	31.76 -2.24 0.00	28.09 -1.70 0.00	28.32 -1.65 0.00	26.71 -1.55 0.00	26.13 -1.52 0.00	26.23 -1.44 0.00	27.00 -1.63 0.00	28.84 -1.84 0.00	37.75 -1.90 0.00	43.06 -2.75 0.00	39.65 -2.49 0.00	35.26 -2.41 0.00	32.30 -2.06 0.00	31.74 -2.06 0.00	28.87 -1.71 0.00	28.23 -1.39 0.00



OXBOW____ 24026	25.67 -1.35 0.00	23.43 -1.36 0.00	22.30 -1.47 0.00	22.02 -1.53 0.00	22.61 -1.42 0.00	25.31 -1.76 0.00	31.34 -2.22 0.00	36.63 -3.14 0.00	32.03 -1.97 0.00	28.45 -1.34 0.00	28.62 -1.35 0.00	26.97 -1.30 0.00	26.68 -0.97 0.00	26.73 -0.94 0.00	27.26 -1.37 0.00	29.21 -1.47 0.00	38.31 -1.35 0.00	43.42 -2.38 0.00	40.37 -1.77 0.00	35.90 -1.77 0.00	32.81 -1.55 0.00	32.04 -1.76 0.00	29.36 -1.22 0.00	28.43 -1.19 0.00
OXY_CHEM_DSASP 323612	25.07 -1.95 0.00	23.06 -1.74 0.00	21.85 -1.93 0.00	21.64 -1.91 0.00	22.17 -1.85 0.00	24.77 -2.30 0.00	30.73 -2.82 0.00	35.36 -4.41 0.00	31.08 -2.92 0.00	27.52 -2.26 0.00	27.78 -2.19 0.00	26.20 -2.06 0.00	25.63 -2.02 0.00	25.70 -1.96 0.00	26.48 -2.15 0.00	28.26 -2.42 0.00	36.96 -2.70 0.00	42.10 -3.71 0.00	38.81 -3.33 0.00	34.50 -3.16 0.00	31.61 -2.75 0.00	31.10 -2.70 0.00	28.29 -2.29 0.00	27.69 -1.93 0.00
OZONE_PARK_ESR 323760	28.50 1.49 0.00	26.16 1.36 0.00	25.13 1.35 0.00	24.94 1.39 0.00	25.35 1.32 0.00	28.50 1.43 0.00	35.67 2.11 0.00	43.23 3.46 0.00	36.59 2.58 0.00	32.02 2.23 0.00	31.98 2.01 0.00	30.13 1.87 0.00	29.39 1.74 0.00	29.38 1.72 0.00	30.44 1.80 0.00	32.61 1.93 0.00	42.67 3.01 0.00	49.75 3.94 0.00	45.22 3.08 0.00	40.53 2.86 0.00	36.76 2.41 0.00	35.86 2.06 0.00	32.32 1.74 0.00	31.40 1.78 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	25.07 -1.95 0.00	23.06 -1.74 0.00	21.85 -1.93 0.00	21.64 -1.91 0.00	22.17 -1.85 0.00	24.77 -2.30 0.00	30.73 -2.82 0.00	35.36 -4.41 0.00	31.08 -2.92 0.00	27.52 -2.26 0.00	27.78 -2.19 0.00	26.20 -2.06 0.00	25.63 -2.02 0.00	25.70 -1.96 0.00	26.48 -2.15 0.00	28.26 -2.42 0.00	36.96 -2.70 0.00	42.10 -3.71 0.00	38.81 -3.33 0.00	34.50 -3.16 0.00	31.61 -2.75 0.00	31.10 -2.70 0.00	28.29 -2.29 0.00	27.69 -1.93 0.00
PACKARD__115KV_DUPONT_184 80571	25.07 -1.95 0.00	23.06 -1.74 0.00	21.85 -1.93 0.00	21.64 -1.91 0.00	22.17 -1.85 0.00	24.77 -2.30 0.00	30.73 -2.82 0.00	35.36 -4.41 0.00	31.08 -2.92 0.00	27.52 -2.26 0.00	27.78 -2.19 0.00	26.20 -2.06 0.00	25.63 -2.02 0.00	25.70 -1.96 0.00	26.48 -2.15 0.00	28.26 -2.42 0.00	36.96 -2.70 0.00	42.10 -3.71 0.00	38.81 -3.33 0.00	34.50 -3.16 0.00	31.61 -2.75 0.00	31.10 -2.70 0.00	28.29 -2.29 0.00	27.69 -1.93 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	28.50 1.49 0.00	26.11 1.31 0.00	25.20 1.43 0.00	25.01 1.46 -0.01	25.39 1.37 0.00	28.37 1.30 0.00	35.20 1.64 0.00	42.60 2.82 0.00	36.11 2.11 0.00	31.60 1.82 0.00	31.59 1.62 0.00	29.77 1.50 0.00	29.00 1.35 0.00	29.00 1.33 0.00	30.04 1.40 0.00	32.22 1.53 0.00	42.07 2.42 0.00	49.11 3.30 0.00	44.54 2.40 0.00	39.96 2.30 0.00	36.21 1.86 0.00	35.35 1.55 0.00	31.99 1.41 0.00	31.22 1.60 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	28.88 1.86 0.00	26.45 1.66 0.00	25.55 1.78 0.00	25.37 1.81 -0.01	25.73 1.71 0.00	28.75 1.68 0.00	35.63 2.08 0.00	43.15 3.38 0.00	36.55 2.55 0.00	31.99 2.20 0.00	31.95 1.98 0.00	30.11 1.84 0.00	29.33 1.69 0.00	29.33 1.66 0.00	30.38 1.75 0.00	32.58 1.90 0.00	42.59 2.93 0.00	49.75 3.94 0.00	45.13 2.99 0.00	40.45 2.79 0.00	36.63 2.27 0.00	35.76 1.96 0.00	32.38 1.80 0.00	31.63 2.01 0.00
PATROON__115KV_TB1 80586	27.37 0.35 0.00	25.16 0.37 0.00	24.25 0.48 0.00	24.04 0.49 0.00	24.55 0.53 0.00	27.53 0.46 0.00	34.29 0.74 0.00	41.13 1.35 0.00	34.92 0.92 0.00	30.29 0.51 0.00	30.45 0.48 0.00	28.75 0.48 0.00	28.20 0.55 0.00	28.25 0.58 0.00	29.18 0.54 0.00	31.33 0.64 0.00	40.73 1.07 0.00	47.46 1.65 0.00	43.32 1.18 0.00	38.68 1.02 0.00	35.35 1.00 0.00	34.54 0.74 0.00	31.10 0.52 0.00	30.09 0.47 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	26.80 -0.22 0.00	24.50 -0.30 0.00	23.32 -0.45 0.00	23.01 -0.54 0.00	23.57 -0.46 0.00	26.50 -0.57 0.00	33.08 -0.47 0.00	38.22 -1.55 0.00	33.39 -0.61 0.00	29.46 -0.33 0.00	29.70 -0.27 0.00	28.04 -0.23 0.00	27.37 -0.28 0.00	27.48 -0.19 0.00	28.26 -0.37 0.00	30.19 -0.49 0.00	39.58 -0.08 0.00	45.40 -0.41 0.00	41.63 -0.51 0.00	37.03 -0.64 0.00	33.91 -0.45 0.00	33.26 -0.54 0.00	30.27 -0.31 0.00	29.62 0.00 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	28.42 1.40 0.00	26.11 1.31 0.00	25.06 1.28 0.00	24.87 1.32 0.00	25.30 1.27 0.00	28.50 1.43 0.00	35.53 1.98 0.00	43.04 3.26 0.00	36.42 2.41 0.00	31.72 1.94 0.00	31.77 1.80 0.00	29.85 1.58 0.00	29.14 1.49 0.00	29.14 1.47 0.00	30.21 1.57 0.00	32.43 1.75 0.00	42.43 2.78 0.00	49.61 3.80 0.00	45.17 3.03 0.00	40.38 2.71 0.00	36.73 2.37 0.00	35.83 2.03 0.00	32.17 1.59 0.00	31.19 1.57 0.00
PEEKSKILL____ 23653	28.02 1.00 0.00	25.76 0.97 0.00	24.72 0.95 0.00	24.54 0.99 0.00	24.99 0.96 0.00	28.12 1.05 0.00	35.23 1.68 0.00	42.52 2.74 0.00	35.87 1.87 0.00	31.40 1.61 0.00	31.47 1.50 0.00	29.65 1.38 0.00	28.89 1.25 0.00	28.86 1.19 0.00	29.95 1.32 0.00	32.09 1.41 0.00	41.92 2.26 0.00	48.51 2.70 0.00	44.46 2.32 0.00	39.77 2.11 0.00	35.91 1.55 0.00	35.22 1.42 0.00	31.83 1.25 0.00	30.89 1.27 0.00
PGE MADISON__WINDPWR 24146	29.88 2.86 0.00	27.32 2.53 0.00	26.10 2.33 0.00	25.88 2.33 0.00	26.50 2.48 0.00	30.15 3.08 0.00	37.64 4.09 0.00	45.11 5.33 0.00	37.95 3.94 0.00	32.83 3.04 0.00	32.85 2.88 0.00	30.87 2.60 0.00	30.05 2.40 0.00	30.21 2.54 0.00	31.32 2.69 0.00	34.03 3.34 0.00	45.09 5.43 0.00	52.08 6.28 0.00	48.25 6.11 0.00	43.01 5.35 0.00	38.93 4.57 0.00	37.99 4.19 0.00	34.34 3.76 0.00	33.08 3.46 0.00
PIERCEFIELD__HYD 23852	26.37 -0.65 0.00	24.20 -0.60 0.00	23.18 -0.59 0.00	22.93 -0.61 0.00	23.35 -0.67 0.00	26.39 -0.68 0.00	32.58 -0.97 0.00	38.30 -1.47 0.00	32.91 -1.09 0.00	29.19 -0.60 0.00	29.43 -0.54 0.00	27.73 -0.54 0.00	27.12 -0.53 0.00	27.20 -0.47 0.00	28.20 -0.43 0.00	30.07 -0.61 0.00	38.47 -1.19 0.00	44.16 -1.65 0.00	41.04 -1.10 0.00	36.69 -0.98 0.00	33.43 -0.93 0.00	33.09 -0.71 0.00	30.21 -0.37 0.00	29.20 -0.41 0.00
PINELAWN_CC_1 323563	36.25 1.92 -7.31	31.20 1.81 -4.60	25.39 1.62 0.00	25.22 1.67 0.00	25.71 1.68 0.00	28.93 1.87 0.00	37.83 2.85 -1.42	43.75 3.98 0.00	39.18 3.09 -2.09	32.26 2.47 0.00	35.67 2.58 -3.12	32.68 2.40 -2.01	29.53 1.88 0.00	29.63 1.96 0.00	30.87 2.23 0.00	35.56 2.55 -2.33	45.60 3.45 -2.50	60.02 3.80 -10.41	53.22 3.33 -7.76	50.24 3.12 -9.45	44.41 2.51 -7.54	39.89 2.64 -3.45	36.07 2.35 -3.14	33.77 2.34 -1.81
PJM_GEN_HTP_PROXY 323702	28.10 1.08 0.00	25.83 1.04 0.00	24.79 1.02 0.00	24.65 1.11 0.00	25.08 1.06 0.00	28.23 1.16 0.00	35.40 1.84 0.00	42.80 3.02 0.00	36.11 2.11 0.00	31.67 1.88 0.00	31.68 1.71 0.00	29.85 1.58 0.00	29.06 1.41 0.00	29.05 1.38 0.00	30.15 1.52 0.00	33.86 1.66 -1.52	40.71 2.58 1.52	48.83 3.02 0.00	44.67 2.53 0.00	40.04 2.37 0.00	36.08 1.72 0.00	35.39 1.59 0.00	31.99 1.41 0.00	31.07 1.45 0.00



PJM_GEN_KEYSTONE 24065	27.13 0.11 0.00	24.87 0.07 0.00	23.80 0.02 0.00	23.57 0.02 0.00	24.07 0.05 0.00	27.07 0.00 0.00	33.79 0.24 0.00	40.21 0.44 0.00	34.34 0.34 0.00	30.20 0.42 0.00	30.33 0.36 0.00	28.58 0.31 0.00	27.98 0.33 0.00	27.97 0.30 0.00	28.81 0.17 0.00	32.11 0.15 -1.27	36.00 0.67 4.33	46.36 0.55 0.00	40.84 0.59 1.89	36.90 0.45 1.22	34.33 0.21 0.24	33.33 0.07 0.54	30.82 0.24 0.00	29.92 0.30 0.00
PJM_GEN_NEPTUNE_PROXY 323594	35.76 1.43 -7.31	30.73 1.34 -4.60	25.01 1.24 0.00	24.84 1.29 0.00	25.30 1.27 0.00	28.47 1.41 0.00	37.19 2.21 -1.42	43.04 3.26 0.00	38.54 2.45 -2.09	31.81 2.03 0.00	35.13 2.04 -3.12	32.17 1.89 -2.01	29.17 1.52 0.00	29.25 1.58 0.00	30.41 1.78 0.00	36.50 1.97 -3.85	43.61 2.98 -0.97	59.70 3.48 -10.41	52.93 3.04 -7.76	49.87 2.75 -9.45	43.99 2.10 -7.54	39.21 1.96 -3.45	35.49 1.77 -3.14	33.21 1.78 -1.81
PJM_GEN_VFT_PROXY 323633	27.96 0.95 0.00	25.68 0.89 0.00	24.67 0.90 0.00	24.54 0.99 0.00	24.96 0.94 0.00	28.07 1.00 0.00	35.20 1.64 0.00	42.60 2.82 0.00	35.94 1.94 0.00	31.54 1.76 0.00	31.56 1.59 0.00	29.74 1.47 0.00	28.95 1.30 0.00	28.94 1.27 0.00	30.03 1.40 0.00	33.71 1.50 -1.52	40.51 2.38 1.52	48.56 2.75 0.00	44.46 2.32 0.00	39.85 2.18 0.00	35.91 1.55 0.00	35.22 1.42 0.00	31.83 1.25 0.00	30.92 1.30 0.00
PLATSBURG_115KV_PMLD1 355749	27.05 0.03 0.00	24.77 -0.02 0.00	23.70 -0.07 0.00	23.41 -0.14 0.00	23.86 -0.17 0.00	26.93 -0.14 0.00	33.39 -0.17 0.00	39.14 -0.64 0.00	33.66 -0.34 0.00	29.70 -0.09 0.00	30.42 0.45 0.00	28.69 0.42 0.00	28.14 0.50 0.00	28.28 0.61 0.00	29.38 0.74 0.00	31.51 0.83 0.00	40.41 0.75 0.00	46.45 0.64 0.00	43.07 0.93 0.00	38.50 0.83 0.00	35.08 0.72 0.00	34.71 0.91 0.00	31.59 1.01 0.00	30.57 0.95 0.00
PLEASANTVLY___LBMP 24000	28.02 1.00 0.00	25.73 0.94 0.00	24.70 0.93 0.00	24.51 0.97 0.00	24.99 0.96 0.00	28.12 1.06 0.00	35.06 1.51 0.00	42.36 2.59 0.00	35.87 1.87 0.00	31.25 1.46 0.00	31.35 1.38 0.00	29.54 1.27 0.00	28.86 1.22 0.00	28.86 1.19 0.00	29.89 1.26 0.00	32.06 1.38 0.00	41.76 2.10 0.00	48.74 2.93 0.00	44.33 2.19 0.00	39.70 2.03 0.00	36.11 1.75 0.00	35.29 1.49 0.00	31.80 1.22 0.00	30.83 1.21 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	28.21 1.19 0.00	25.91 1.12 0.00	24.87 1.09 0.00	24.68 1.13 0.00	25.13 1.11 0.00	28.29 1.22 0.00	35.33 1.78 0.00	42.76 2.98 0.00	36.18 2.18 0.00	31.58 1.79 0.00	31.65 1.68 0.00	29.82 1.55 0.00	29.08 1.44 0.00	29.08 1.41 0.00	30.12 1.49 0.00	32.28 1.60 0.00	42.15 2.50 0.00	49.20 3.39 0.00	44.71 2.57 0.00	40.04 2.37 0.00	36.42 2.06 0.00	35.52 1.72 0.00	32.02 1.44 0.00	31.07 1.45 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	28.21 1.19 0.00	25.91 1.12 0.00	24.87 1.09 0.00	24.68 1.13 0.00	25.13 1.11 0.00	28.29 1.22 0.00	35.33 1.78 0.00	42.76 2.98 0.00	36.18 2.18 0.00	31.58 1.79 0.00	31.65 1.68 0.00	29.82 1.55 0.00	29.08 1.44 0.00	29.08 1.41 0.00	30.12 1.49 0.00	32.28 1.60 0.00	42.15 2.50 0.00	49.20 3.39 0.00	44.71 2.57 0.00	40.04 2.37 0.00	36.42 2.06 0.00	35.52 1.72 0.00	32.02 1.44 0.00	31.07 1.45 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	28.21 1.19 0.00	25.91 1.12 0.00	24.87 1.09 0.00	24.68 1.13 0.00	25.15 1.13 0.00	28.31 1.25 0.00	35.30 1.74 0.00	42.56 2.78 0.00	36.04 2.04 0.00	31.37 1.58 0.00	31.44 1.47 0.00	29.63 1.36 0.00	28.89 1.24 0.00	28.91 1.25 0.00	29.98 1.35 0.00	32.15 1.47 0.00	42.00 2.34 0.00	49.06 3.25 0.00	44.63 2.49 0.00	39.93 2.26 0.00	36.32 1.96 0.00	35.46 1.66 0.00	31.96 1.38 0.00	30.98 1.36 0.00
POLETTI_____ 23519	28.21 1.19 0.00	25.88 1.09 0.00	24.89 1.12 0.00	24.72 1.18 0.00	25.13 1.11 0.00	28.29 1.22 0.00	35.33 1.78 0.00	42.80 3.02 0.00	36.25 2.24 0.00	31.69 1.91 0.00	31.68 1.71 0.00	29.85 1.58 0.00	29.11 1.47 0.00	29.11 1.44 0.00	30.15 1.52 0.00	32.31 1.63 0.00	42.19 2.54 0.00	49.20 3.39 0.00	44.71 2.57 0.00	40.08 2.41 0.00	36.39 2.03 0.00	35.49 1.69 0.00	31.99 1.41 0.00	31.10 1.48 0.00
POMONA___ESR 323819	28.02 1.00 0.00	25.73 0.94 0.00	24.70 0.93 0.00	24.54 0.99 0.00	24.99 0.96 0.00	28.12 1.05 0.00	35.20 1.64 0.00	42.48 2.71 0.00	35.84 1.83 0.00	31.37 1.58 0.00	31.44 1.47 0.00	29.63 1.36 0.00	28.84 1.19 0.00	28.83 1.16 0.00	29.89 1.26 0.00	32.03 1.35 0.00	41.80 2.14 0.00	48.42 2.61 0.00	44.37 2.23 0.00	39.70 2.03 0.00	35.83 1.48 0.00	35.15 1.35 0.00	31.80 1.22 0.00	30.86 1.24 0.00
PORT_JEFF_3 23555	36.51 2.13 -7.35	31.37 1.98 -4.60	25.34 1.57 0.00	25.17 1.62 0.00	25.66 1.63 0.00	28.85 1.79 0.00	37.76 2.78 -1.42	43.71 3.94 0.00	39.15 3.06 -2.09	32.05 2.26 0.00	35.79 2.70 -3.12	32.77 2.49 -2.01	29.36 1.71 0.00	29.49 1.83 0.00	30.75 2.12 0.00	35.50 2.48 -2.33	45.92 3.77 -2.50	60.57 4.35 -10.41	53.73 3.83 -7.76	50.66 3.54 -9.45	44.72 2.82 -7.54	39.92 2.67 -3.45	36.04 2.32 -3.14	33.80 2.37 -1.81
PORT_JEFF_4 23616	36.51 2.13 -7.35	31.37 1.98 -4.60	25.34 1.57 0.00	25.17 1.62 0.00	25.66 1.63 0.00	28.85 1.79 0.00	37.76 2.78 -1.42	43.71 3.94 0.00	39.15 3.06 -2.09	32.05 2.26 0.00	35.79 2.70 -3.12	32.77 2.49 -2.01	29.36 1.71 0.00	29.49 1.83 0.00	30.75 2.12 0.00	35.50 2.48 -2.33	45.92 3.77 -2.50	60.57 4.35 -10.41	53.73 3.83 -7.76	50.66 3.54 -9.45	44.72 2.82 -7.54	39.92 2.67 -3.45	36.04 2.32 -3.14	33.80 2.37 -1.81
PORT_JEFF_IC 23713	36.51 2.13 -7.36	31.37 1.98 -4.60	25.36 1.59 0.00	25.17 1.62 0.00	25.66 1.63 0.00	28.85 1.79 0.00	37.80 2.82 -1.42	43.75 3.98 0.00	39.18 3.09 -2.09	32.02 2.24 0.00	35.76 2.67 -3.12	32.71 2.43 -2.01	29.39 1.74 0.00	29.49 1.83 0.00	30.78 2.15 0.00	35.53 2.52 -2.33	45.96 3.81 -2.50	60.52 4.30 -10.41	53.69 3.79 -7.76	50.70 3.58 -9.45	44.75 2.85 -7.54	39.96 2.71 -3.45	36.07 2.35 -3.14	33.80 2.37 -1.81
PPL PILGRIM_ST_GT1 24216	36.47 2.13 -7.31	31.45 2.06 -4.60	25.63 1.86 0.00	25.43 1.88 0.00	25.92 1.90 0.00	29.21 2.14 0.00	38.20 3.22 -1.42	44.07 4.30 0.00	39.46 3.37 -2.09	32.44 2.65 0.00	35.85 2.76 -3.12	32.93 2.66 -2.01	29.72 2.07 0.00	29.85 2.19 0.00	31.12 2.49 0.00	35.89 2.88 -2.33	46.44 4.28 -2.50	61.21 4.99 -10.41	54.32 4.42 -7.76	51.07 3.95 -9.45	45.09 3.20 -7.54	40.26 3.01 -3.45	36.38 2.66 -3.14	34.06 2.64 -1.81
PPL PILGRIM_ST_GT2 24217	36.47 2.13 -7.31	31.45 2.06 -4.60	25.63 1.86 0.00	25.43 1.88 0.00	25.92 1.90 0.00	29.21 2.14 0.00	38.20 3.22 -1.42	44.07 4.30 0.00	39.46 3.37 -2.09	32.44 2.65 0.00	35.85 2.76 -3.12	32.93 2.66 -2.01	29.72 2.07 0.00	29.85 2.19 0.00	31.12 2.49 0.00	35.89 2.88 -2.33	46.44 4.28 -2.50	61.21 4.99 -10.41	54.32 4.42 -7.76	51.07 3.95 -9.45	45.09 3.20 -7.54	40.26 3.01 -3.45	36.38 2.66 -3.14	34.06 2.64 -1.81



PPL_SHRM_GT3 24213	36.61 2.24 -7.35	31.47 2.08 -4.60	25.10 1.33 0.00	24.91 1.37 0.00	25.42 1.39 0.00	28.56 1.49 0.00	37.42 2.45 -1.42	43.36 3.58 0.00	38.81 2.72 -2.09	31.78 2.00 0.00	35.97 2.88 -3.12	32.88 2.60 -2.01	29.00 1.35 0.00	29.11 1.44 0.00	30.38 1.75 0.00	35.13 2.12 -2.33	45.52 3.37 -2.50	60.25 4.03 -10.41	53.44 3.54 -7.76	50.32 3.20 -9.45	44.40 2.51 -7.54	39.62 2.37 -3.45	35.73 2.02 -3.14	33.62 2.19 -1.81
PPL_SHRM_GT4 24214	36.61 2.24 -7.35	31.47 2.08 -4.60	25.10 1.33 0.00	24.91 1.37 0.00	25.42 1.39 0.00	28.56 1.49 0.00	37.42 2.45 -1.42	43.36 3.58 0.00	38.81 2.72 -2.09	31.78 2.00 0.00	35.97 2.88 -3.12	32.88 2.60 -2.01	29.00 1.35 0.00	29.11 1.44 0.00	30.38 1.75 0.00	35.13 2.12 -2.33	45.52 3.37 -2.50	60.25 4.03 -10.41	53.44 3.54 -7.76	50.32 3.20 -9.45	44.40 2.51 -7.54	39.62 2.37 -3.45	35.73 2.02 -3.14	33.62 2.19 -1.81
PROJECT___ORANGE 1 24174	26.80 -0.22 0.00	24.54 -0.25 0.00	23.51 -0.26 0.00	23.29 -0.26 0.00	23.78 -0.24 0.00	26.82 -0.24 0.00	33.18 -0.37 0.00	39.26 -0.52 0.00	33.53 -0.48 0.00	29.34 -0.45 0.00	29.52 -0.45 0.00	27.87 -0.40 0.00	27.23 -0.41 0.00	27.25 -0.42 0.00	28.15 -0.49 0.00	30.16 -0.52 0.00	39.26 -0.40 0.00	45.49 -0.32 0.00	41.72 -0.42 0.00	37.25 -0.41 0.00	33.98 -0.38 0.00	33.29 -0.51 0.00	30.06 -0.52 0.00	29.12 -0.50 0.00
PROJECT___ORANGE 2 24166	26.80 -0.22 0.00	24.54 -0.25 0.00	23.51 -0.26 0.00	23.29 -0.26 0.00	23.78 -0.24 0.00	26.82 -0.24 0.00	33.18 -0.37 0.00	39.26 -0.52 0.00	33.53 -0.48 0.00	29.34 -0.45 0.00	29.52 -0.45 0.00	27.87 -0.40 0.00	27.23 -0.41 0.00	27.25 -0.42 0.00	28.15 -0.49 0.00	30.16 -0.52 0.00	39.26 -0.40 0.00	45.49 -0.32 0.00	41.72 -0.42 0.00	37.25 -0.41 0.00	33.98 -0.38 0.00	33.29 -0.51 0.00	30.06 -0.52 0.00	29.12 -0.50 0.00
PUCKETT___SOLAR 323809	27.99 0.97 0.00	25.61 0.82 0.00	24.51 0.74 0.00	24.28 0.73 0.00	24.82 0.79 0.00	28.02 0.95 0.00	34.90 1.34 0.00	41.52 1.75 0.00	35.26 1.26 0.00	30.71 0.92 0.00	30.78 0.81 0.00	28.95 0.68 0.00	28.31 0.66 0.00	28.36 0.69 0.00	29.35 0.72 0.00	31.73 1.04 0.00	41.60 1.94 0.00	48.05 2.24 0.00	44.33 2.19 0.00	39.55 1.88 0.00	35.94 1.58 0.00	35.15 1.35 0.00	31.83 1.25 0.00	30.77 1.15 0.00
PYRITES___HYD 24023	27.10 0.08 0.00	24.84 0.05 0.00	23.80 0.02 0.00	23.55 0.00 0.00	23.95 -0.07 0.00	27.07 0.00 0.00	33.52 -0.03 0.00	39.46 -0.32 0.00	33.93 -0.07 0.00	30.03 0.24 0.00	30.24 0.27 0.00	28.47 0.20 0.00	27.84 0.19 0.00	27.92 0.25 0.00	28.98 0.34 0.00	30.87 0.18 0.00	39.50 -0.16 0.00	45.26 -0.55 0.00	42.14 0.00 0.00	37.67 0.00 0.00	34.32 -0.03 0.00	33.97 0.17 0.00	30.98 0.40 0.00	29.89 0.27 0.00
QUAKERRD_115KV_BK1 80622	25.83 -1.19 0.00	23.63 -1.17 0.00	22.58 -1.19 0.00	22.32 -1.22 0.00	22.87 -1.15 0.00	25.74 -1.33 0.00	32.01 -1.54 0.00	37.55 -2.23 0.00	32.44 -1.56 0.00	28.45 -1.34 0.00	28.62 -1.35 0.00	26.97 -1.30 0.00	26.38 -1.27 0.00	26.42 -1.25 0.00	27.29 -1.35 0.00	29.24 -1.44 0.00	38.23 -1.43 0.00	44.02 -1.79 0.00	40.50 -1.64 0.00	36.08 -1.58 0.00	32.95 -1.41 0.00	32.31 -1.49 0.00	29.20 -1.38 0.00	28.29 -1.33 0.00
QUENSBRY_115KV_TB8 356137	28.45 1.43 0.00	26.13 1.34 0.00	25.08 1.31 0.00	24.87 1.32 0.00	25.44 1.42 0.00	28.67 1.60 0.00	35.94 2.38 0.00	42.96 3.18 0.00	36.45 2.45 0.00	31.46 1.67 0.00	31.56 1.59 0.00	29.65 1.39 0.00	29.03 1.38 0.00	29.08 1.41 0.00	30.21 1.57 0.00	32.61 1.93 0.00	42.67 3.01 0.00	49.79 3.99 0.00	45.55 3.41 0.00	40.53 2.86 0.00	37.11 2.75 0.00	36.06 2.26 0.00	32.35 1.77 0.00	31.28 1.66 0.00
RAMAPO___LBMP 323565	28.04 1.03 0.00	25.73 0.94 0.00	24.70 0.93 0.00	24.51 0.97 0.00	24.99 0.96 0.00	28.12 1.06 0.00	35.10 1.54 0.00	42.40 2.63 0.00	35.87 1.87 0.00	31.34 1.55 0.00	31.41 1.44 0.00	29.60 1.33 0.00	28.86 1.22 0.00	28.83 1.16 0.00	29.83 1.20 0.00	31.97 1.29 0.00	41.72 2.06 0.00	48.69 2.89 0.00	44.29 2.15 0.00	39.66 2.00 0.00	36.04 1.68 0.00	35.19 1.39 0.00	31.74 1.16 0.00	30.80 1.18 0.00
RANKINE____ 23646	26.34 -0.68 0.00	24.10 -0.69 0.00	22.92 -0.86 0.00	22.60 -0.94 0.00	23.16 -0.86 0.00	26.04 -1.03 0.00	32.45 -1.11 0.00	37.51 -2.27 0.00	32.85 -1.16 0.00	29.01 -0.77 0.00	29.25 -0.72 0.00	27.59 -0.68 0.00	26.96 -0.69 0.00	27.06 -0.61 0.00	27.86 -0.77 0.00	29.79 -0.89 0.00	39.02 -0.63 0.00	44.62 -1.19 0.00	41.00 -1.14 0.00	36.46 -1.21 0.00	33.40 -0.96 0.00	32.79 -1.01 0.00	29.82 -0.76 0.00	29.15 -0.47 0.00
RAVENSWOOD_GT2_1 24244	28.29 1.27 0.00	25.96 1.17 0.00	24.94 1.16 0.00	24.77 1.22 0.00	25.20 1.18 0.00	28.34 1.27 0.00	35.40 1.85 0.00	42.88 3.10 0.00	36.28 2.28 0.00	31.72 1.94 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.37 1.69 0.00	42.27 2.62 0.00	49.34 3.53 0.00	44.79 2.65 0.00	40.15 2.49 0.00	36.45 2.10 0.00	35.56 1.76 0.00	32.08 1.50 0.00	31.16 1.54 0.00
RAVENSWOOD_GT2_2 24245	28.29 1.27 0.00	25.96 1.17 0.00	24.94 1.16 0.00	24.77 1.22 0.00	25.20 1.18 0.00	28.34 1.27 0.00	35.40 1.85 0.00	42.88 3.10 0.00	36.28 2.28 0.00	31.72 1.94 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.37 1.69 0.00	42.27 2.62 0.00	49.34 3.53 0.00	44.79 2.65 0.00	40.15 2.49 0.00	36.45 2.10 0.00	35.56 1.76 0.00	32.08 1.50 0.00	31.16 1.54 0.00
RAVENSWOOD_GT2_3 24246	28.29 1.27 0.00	25.96 1.17 0.00	24.96 1.19 0.00	24.77 1.22 0.00	25.20 1.18 0.00	28.34 1.27 0.00	35.40 1.85 0.00	42.88 3.10 0.00	36.31 2.31 0.00	31.75 1.97 0.00	31.77 1.80 0.00	29.94 1.67 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.40 1.72 0.00	42.31 2.66 0.00	49.34 3.53 0.00	44.84 2.70 0.00	40.19 2.52 0.00	36.45 2.10 0.00	35.59 1.79 0.00	32.08 1.50 0.00	31.16 1.54 0.00
RAVENSWOOD_GT2_4 24247	28.29 1.27 0.00	25.96 1.17 0.00	24.96 1.19 0.00	24.77 1.22 0.00	25.20 1.18 0.00	28.34 1.27 0.00	35.40 1.85 0.00	42.88 3.10 0.00	36.31 2.31 0.00	31.75 1.97 0.00	31.77 1.80 0.00	29.94 1.67 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.40 1.72 0.00	42.31 2.66 0.00	49.34 3.53 0.00	44.84 2.70 0.00	40.19 2.52 0.00	36.45 2.10 0.00	35.59 1.79 0.00	32.08 1.50 0.00	31.16 1.54 0.00
RAVENSWOOD_GT3_1 24248	28.29 1.27 0.00	25.96 1.17 0.00	24.94 1.16 0.00	24.77 1.22 0.00	25.20 1.18 0.00	28.34 1.27 0.00	35.40 1.85 0.00	42.88 3.10 0.00	36.31 2.31 0.00	31.72 1.94 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.37 1.69 0.00	42.27 2.62 0.00	49.34 3.53 0.00	44.79 2.65 0.00	40.15 2.49 0.00	36.45 2.10 0.00	35.59 1.79 0.00	32.08 1.50 0.00	31.16 1.54 0.00



RAVENSWOOD_GT3_2 24249	28.29 1.27 0.00	25.96 1.17 0.00	24.94 1.16 0.00	24.77 1.22 0.00	25.20 1.18 0.00	28.34 1.27 0.00	35.40 1.85 0.00	42.88 3.10 0.00	36.31 2.31 0.00	31.72 1.94 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.37 1.69 0.00	42.27 2.62 0.00	49.34 3.53 0.00	44.79 2.65 0.00	40.15 2.49 0.00	36.45 2.10 0.00	35.59 1.79 0.00	32.08 1.50 0.00	31.16 1.54 0.00
RAVENSWOOD_GT3_3 24250	28.32 1.30 0.00	25.98 1.19 0.00	24.98 1.21 0.00	24.79 1.25 0.00	25.23 1.20 0.00	28.37 1.30 0.00	35.43 1.88 0.00	42.92 3.14 0.00	36.35 2.35 0.00	31.78 2.00 0.00	31.80 1.83 0.00	29.96 1.70 0.00	29.20 1.55 0.00	29.19 1.52 0.00	30.24 1.60 0.00	32.43 1.75 0.00	42.35 2.70 0.00	49.38 3.57 0.00	44.88 2.74 0.00	40.23 2.56 0.00	36.49 2.13 0.00	35.63 1.83 0.00	32.11 1.53 0.00	31.19 1.57 0.00
RAVENSWOOD_GT3_4 24251	28.32 1.30 0.00	25.98 1.19 0.00	24.98 1.21 0.00	24.79 1.25 0.00	25.23 1.20 0.00	28.37 1.30 0.00	35.43 1.88 0.00	42.92 3.14 0.00	36.35 2.35 0.00	31.78 2.00 0.00	31.80 1.83 0.00	29.96 1.70 0.00	29.20 1.55 0.00	29.19 1.52 0.00	30.24 1.60 0.00	32.43 1.75 0.00	42.35 2.70 0.00	49.38 3.57 0.00	44.88 2.74 0.00	40.23 2.56 0.00	36.49 2.13 0.00	35.63 1.83 0.00	32.11 1.53 0.00	31.19 1.57 0.00
RAVENSWOOD_GT_1 23729	28.40 1.38 0.00	26.06 1.26 0.00	25.08 1.31 0.00	24.92 1.37 -0.01	25.32 1.30 0.00	28.42 1.35 0.00	35.40 1.85 0.00	42.84 3.06 0.00	36.31 2.31 0.00	31.75 1.97 0.00	31.74 1.77 0.00	29.94 1.67 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.40 1.72 0.00	42.31 2.66 0.00	49.38 3.57 0.00	44.84 2.70 0.00	40.15 2.49 0.00	36.42 2.06 0.00	35.56 1.76 0.00	32.14 1.56 0.00	31.28 1.66 0.00
RAVENSWOOD_GT_10 24258	28.29 1.27 0.00	25.96 1.17 0.00	24.94 1.16 0.00	24.77 1.22 0.00	25.18 1.15 0.00	28.34 1.27 0.00	35.40 1.85 0.00	42.88 3.10 0.00	36.31 2.31 0.00	31.72 1.94 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.37 1.69 0.00	42.31 2.66 0.00	49.34 3.53 0.00	44.79 2.65 0.00	40.15 2.49 0.00	36.45 2.10 0.00	35.59 1.79 0.00	32.08 1.50 0.00	31.16 1.54 0.00
RAVENSWOOD_GT_11 24259	28.29 1.27 0.00	25.96 1.17 0.00	24.94 1.16 0.00	24.77 1.22 0.00	25.18 1.15 0.00	28.34 1.27 0.00	35.40 1.85 0.00	42.88 3.10 0.00	36.31 2.31 0.00	31.72 1.94 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.37 1.69 0.00	42.31 2.66 0.00	49.34 3.53 0.00	44.79 2.65 0.00	40.15 2.49 0.00	36.45 2.10 0.00	35.59 1.79 0.00	32.08 1.50 0.00	31.16 1.54 0.00
RAVENSWOOD_GT_4 24252	28.26 1.24 0.00	25.93 1.14 0.00	24.91 1.14 0.00	24.74 1.20 0.01	25.15 1.13 0.00	28.31 1.25 0.00	35.40 1.85 0.00	42.88 3.10 0.00	36.31 2.31 0.00	31.72 1.94 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.37 1.69 0.00	42.27 2.62 0.00	49.34 3.53 0.00	44.79 2.65 0.00	40.15 2.49 0.00	36.45 2.10 0.00	35.59 1.79 0.00	32.05 1.47 0.00	31.13 1.51 0.00
RAVENSWOOD_GT_5 24254	28.26 1.24 0.00	25.93 1.14 0.00	24.91 1.14 0.00	24.74 1.20 0.01	25.15 1.13 0.00	28.31 1.25 0.00	35.40 1.85 0.00	42.88 3.10 0.00	36.31 2.31 0.00	31.72 1.94 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.37 1.69 0.00	42.27 2.62 0.00	49.34 3.53 0.00	44.79 2.65 0.00	40.15 2.49 0.00	36.45 2.10 0.00	35.59 1.79 0.00	32.05 1.47 0.00	31.13 1.51 0.00
RAVENSWOOD_GT_6 24253	28.26 1.24 0.00	25.93 1.14 0.00	24.91 1.14 0.00	24.74 1.20 0.01	25.15 1.13 0.00	28.31 1.25 0.00	35.40 1.85 0.00	42.88 3.10 0.00	36.31 2.31 0.00	31.72 1.94 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.37 1.69 0.00	42.27 2.62 0.00	49.34 3.53 0.00	44.79 2.65 0.00	40.15 2.49 0.00	36.45 2.10 0.00	35.59 1.79 0.00	32.05 1.47 0.00	31.13 1.51 0.00
RAVENSWOOD_GT_7 24255	28.26 1.24 0.00	25.93 1.14 0.00	24.91 1.14 0.00	24.74 1.20 0.01	25.15 1.13 0.00	28.31 1.25 0.00	35.40 1.85 0.00	42.88 3.10 0.00	36.31 2.31 0.00	31.72 1.94 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.37 1.69 0.00	42.27 2.62 0.00	49.34 3.53 0.00	44.79 2.65 0.00	40.15 2.49 0.00	36.45 2.10 0.00	35.59 1.79 0.00	32.05 1.47 0.00	31.13 1.51 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	28.29 1.27 0.00	25.96 1.17 0.00	24.94 1.16 0.00	24.77 1.22 0.00	25.18 1.15 0.00	28.34 1.27 0.00	35.40 1.85 0.00	42.88 3.10 0.00	36.31 2.31 0.00	31.72 1.94 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.37 1.69 0.00	42.31 2.66 0.00	49.34 3.53 0.00	44.79 2.65 0.00	40.15 2.49 0.00	36.45 2.10 0.00	35.59 1.79 0.00	32.08 1.50 0.00	31.16 1.54 0.00
RAVENSWOOD_GT_9 24257	28.29 1.27 0.00	25.96 1.17 0.00	24.94 1.16 0.00	24.77 1.22 0.00	25.18 1.15 0.00	28.34 1.27 0.00	35.40 1.85 0.00	42.88 3.10 0.00	36.31 2.31 0.00	31.72 1.94 0.00	31.74 1.77 0.00	29.91 1.64 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.37 1.69 0.00	42.31 2.66 0.00	49.34 3.53 0.00	44.79 2.65 0.00	40.15 2.49 0.00	36.45 2.10 0.00	35.59 1.79 0.00	32.08 1.50 0.00	31.16 1.54 0.00
RAVENSWOOD___1 23533	28.21 1.19 0.00	25.96 1.17 0.00	24.98 1.21 0.00	24.83 1.27 -0.01	25.18 1.15 0.00	28.29 1.22 0.00	35.40 1.84 0.00	42.76 2.98 0.00	36.11 2.11 0.00	31.70 1.91 0.00	31.71 1.74 0.00	29.88 1.61 0.00	29.08 1.44 0.00	29.08 1.41 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.27 2.62 0.00	48.88 3.07 0.00	44.71 2.57 0.00	40.08 2.41 0.00	36.04 1.68 0.00	35.39 1.59 0.00	32.08 1.50 0.00	31.22 1.60 0.00
RAVENSWOOD___2 23534	28.21 1.19 0.00	25.96 1.17 0.00	24.98 1.21 0.00	24.83 1.27 -0.01	25.18 1.15 0.00	28.29 1.22 0.00	35.40 1.84 0.00	42.76 2.98 0.00	36.11 2.11 0.00	31.70 1.91 0.00	31.71 1.74 0.00	29.88 1.61 0.00	29.08 1.44 0.00	29.08 1.41 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.27 2.62 0.00	48.88 3.07 0.00	44.71 2.57 0.00	40.08 2.41 0.00	36.04 1.68 0.00	35.39 1.59 0.00	32.08 1.50 0.00	31.22 1.60 0.00
RAVENSWOOD___3 23535	28.13 1.11 0.00	25.86 1.07 0.00	24.84 1.07 0.00	24.68 1.13 0.00	25.11 1.08 0.00	28.23 1.16 0.00	35.40 1.84 0.00	42.80 3.02 0.00	36.11 2.11 0.00	31.67 1.88 0.00	31.68 1.71 0.00	29.85 1.58 0.00	29.06 1.41 0.00	29.08 1.41 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.23 2.58 0.00	48.83 3.02 0.00	44.71 2.57 0.00	40.08 2.41 0.00	36.08 1.72 0.00	35.42 1.62 0.00	32.02 1.44 0.00	31.10 1.48 0.00



RAVENSWOOD___4 23820	28.21 1.19 0.00	25.96 1.17 0.00	24.98 1.21 0.00	24.83 1.27 -0.01	25.18 1.15 0.00	28.29 1.22 0.00	35.40 1.84 0.00	42.76 2.98 0.00	36.11 2.11 0.00	31.70 1.91 0.00	31.71 1.74 0.00	29.88 1.61 0.00	29.08 1.44 0.00	29.08 1.41 0.00	30.15 1.52 0.00	32.34 1.66 0.00	42.27 2.62 0.00	48.88 3.07 0.00	44.71 2.57 0.00	40.08 2.41 0.00	36.04 1.68 0.00	35.39 1.59 0.00	32.08 1.50 0.00	31.22 1.60 0.00
RCPI_TRUST___DRP 24196	28.29 1.27 0.00	25.96 1.17 0.00	24.96 1.19 0.00	24.79 1.25 0.00	25.20 1.18 0.00	28.37 1.30 0.00	35.47 1.91 0.00	42.96 3.18 0.00	36.35 2.35 0.00	31.81 2.03 0.00	31.80 1.83 0.00	29.96 1.70 0.00	29.22 1.58 0.00	29.22 1.55 0.00	30.26 1.63 0.00	32.43 1.75 0.00	42.35 2.70 0.00	49.43 3.62 0.00	44.88 2.74 0.00	40.23 2.56 0.00	36.49 2.13 0.00	35.63 1.83 0.00	32.11 1.53 0.00	31.19 1.57 0.00
RED___ROCHESTER 323720	26.58 -0.43 0.00	24.27 -0.52 0.00	23.18 -0.59 0.00	22.89 -0.66 0.00	23.47 -0.55 0.00	26.42 -0.65 0.00	32.81 -0.74 0.00	38.74 -1.03 0.00	33.46 -0.55 0.00	29.46 -0.33 0.00	29.58 -0.39 0.00	27.87 -0.40 0.00	27.45 -0.19 0.00	27.48 -0.19 0.00	28.20 -0.43 0.00	30.28 -0.40 0.00	39.74 0.08 0.00	45.49 -0.32 0.00	42.10 -0.04 0.00	37.52 -0.15 0.00	34.19 -0.17 0.00	33.40 -0.40 0.00	30.33 -0.25 0.00	29.23 -0.39 0.00
REGAN___SOLAR 323812	29.67 2.65 0.00	27.22 2.43 0.00	26.13 2.35 0.00	25.90 2.35 0.00	26.52 2.50 0.00	29.99 2.92 0.00	37.78 4.23 0.00	44.79 5.01 0.00	37.78 3.77 0.00	32.47 2.68 0.00	32.52 2.55 0.00	30.45 2.18 0.00	29.89 2.24 0.00	29.85 2.19 0.00	31.09 2.46 0.00	33.84 3.16 0.00	44.61 4.96 0.00	52.04 6.23 0.00	47.83 5.69 0.00	42.37 4.71 0.00	38.55 4.19 0.00	37.48 3.68 0.00	33.64 3.06 0.00	32.61 2.99 0.00
RENSSELAER___COGEN 23796	27.21 0.19 0.00	25.02 0.22 0.00	24.10 0.33 0.00	23.90 0.35 0.00	24.39 0.36 0.00	27.37 0.30 0.00	34.12 0.57 0.00	40.89 1.11 0.00	34.62 0.61 0.00	30.12 0.33 0.00	30.27 0.30 0.00	28.58 0.31 0.00	27.98 0.33 0.00	28.03 0.36 0.00	29.00 0.37 0.00	31.14 0.46 0.00	40.45 0.79 0.00	46.77 0.96 0.00	42.98 0.84 0.00	38.42 0.75 0.00	34.87 0.52 0.00	34.24 0.44 0.00	30.89 0.31 0.00	29.95 0.33 0.00
REPUBLIC_115KV_BARTNBRK 55605	29.40 2.38 0.00	27.00 2.21 0.00	25.91 2.14 0.00	25.71 2.17 0.00	26.35 2.33 0.00	29.64 2.57 0.00	37.38 3.83 0.00	44.67 4.89 0.00	37.85 3.84 0.00	32.50 2.71 0.00	32.58 2.61 0.00	30.50 2.23 0.00	29.86 2.21 0.00	29.91 2.24 0.00	31.15 2.52 0.00	33.75 3.07 0.00	44.41 4.76 0.00	51.95 6.14 0.00	47.49 5.35 0.00	42.11 4.44 0.00	38.62 4.26 0.00	37.42 3.62 0.00	33.45 2.87 0.00	32.37 2.75 0.00
REVERE_CPPR_DRP 24186	28.07 1.05 0.00	25.69 0.89 0.00	24.60 0.83 0.00	24.35 0.80 0.00	24.89 0.86 0.00	28.20 1.14 0.00	35.13 1.58 0.00	41.80 2.03 0.00	35.57 1.56 0.00	31.01 1.22 0.00	31.17 1.20 0.00	29.31 1.05 0.00	28.61 0.97 0.00	28.61 0.94 0.00	29.66 1.03 0.00	32.03 1.35 0.00	41.84 2.18 0.00	48.42 2.61 0.00	44.41 2.28 0.00	39.66 2.00 0.00	36.14 1.79 0.00	35.32 1.52 0.00	31.83 1.25 0.00	30.74 1.13 0.00
REYNOLDS_115KV_TB3 80639	27.45 0.43 0.00	25.24 0.45 0.00	24.29 0.52 0.00	24.06 0.52 0.00	24.60 0.58 0.00	27.61 0.54 0.00	34.36 0.81 0.00	41.29 1.51 0.00	34.99 0.99 0.00	30.38 0.60 0.00	30.54 0.57 0.00	28.83 0.57 0.00	28.28 0.64 0.00	28.31 0.64 0.00	29.29 0.66 0.00	31.42 0.74 0.00	40.81 1.15 0.00	47.55 1.74 0.00	43.40 1.26 0.00	38.76 1.09 0.00	35.46 1.10 0.00	34.64 0.84 0.00	31.19 0.61 0.00	30.21 0.59 0.00
RIVERBAY____ 323610	28.88 1.86 0.00	26.45 1.66 0.00	25.55 1.78 0.00	25.37 1.81 -0.01	25.73 1.71 0.00	28.75 1.68 0.00	35.63 2.08 0.00	43.15 3.38 0.00	36.55 2.55 0.00	31.99 2.20 0.00	31.95 1.98 0.00	30.11 1.84 0.00	29.33 1.69 0.00	29.33 1.66 0.00	30.38 1.75 0.00	32.58 1.90 0.00	42.59 2.93 0.00	49.75 3.94 0.00	45.13 2.99 0.00	40.45 2.79 0.00	36.63 2.27 0.00	35.76 1.96 0.00	32.38 1.80 0.00	31.63 2.01 0.00
RIVERSDE_115KV_TB3 55908	27.37 0.35 0.00	25.16 0.37 0.00	24.22 0.45 0.00	24.02 0.47 0.00	24.53 0.50 0.00	27.53 0.46 0.00	34.26 0.70 0.00	41.13 1.35 0.00	34.92 0.92 0.00	30.29 0.51 0.00	30.45 0.48 0.00	28.75 0.48 0.00	28.20 0.55 0.00	28.22 0.55 0.00	29.20 0.57 0.00	31.33 0.64 0.00	40.73 1.07 0.00	47.41 1.60 0.00	43.28 1.14 0.00	38.68 1.02 0.00	35.35 1.00 0.00	34.54 0.74 0.00	31.10 0.52 0.00	30.12 0.50 0.00
ROARING___BROOK_WT_PWR 323790	26.83 -0.19 0.00	24.59 -0.20 0.00	23.56 -0.21 0.00	23.27 -0.28 0.00	23.71 -0.31 0.00	26.74 -0.32 0.00	33.15 -0.40 0.00	39.18 -0.60 0.00	33.66 -0.34 0.00	29.55 -0.24 0.00	29.79 -0.18 0.00	28.10 -0.17 0.00	27.48 -0.16 0.00	27.53 -0.14 0.00	28.52 -0.11 0.00	30.56 -0.12 0.00	39.34 -0.32 0.00	45.49 -0.32 0.00	41.85 -0.29 0.00	37.40 -0.26 0.00	34.22 -0.14 0.00	33.70 -0.10 0.00	30.49 -0.09 0.00	29.53 -0.09 0.00
ROCHESRG_115KV_T4 355643	26.21 -0.81 0.00	23.97 -0.82 0.00	22.89 -0.88 0.00	22.63 -0.92 0.00	23.16 -0.86 0.00	26.07 -1.00 0.00	32.41 -1.14 0.00	37.90 -1.87 0.00	32.85 -1.16 0.00	28.86 -0.92 0.00	29.04 -0.93 0.00	27.39 -0.88 0.00	26.79 -0.86 0.00	26.87 -0.80 0.00	27.72 -0.92 0.00	29.67 -1.01 0.00	38.82 -0.83 0.00	44.62 -1.19 0.00	41.04 -1.10 0.00	36.57 -1.09 0.00	33.43 -0.93 0.00	32.79 -1.01 0.00	29.66 -0.92 0.00	28.79 -0.83 0.00
ROCHESTER_9_IC 23652	26.40 -0.62 0.00	24.12 -0.67 0.00	23.03 -0.74 0.00	22.75 -0.80 0.00	23.30 -0.72 0.00	26.23 -0.84 0.00	32.65 -0.91 0.00	38.18 -1.59 0.00	33.08 -0.92 0.00	29.07 -0.71 0.00	29.25 -0.72 0.00	27.59 -0.68 0.00	26.96 -0.69 0.00	27.03 -0.64 0.00	27.89 -0.74 0.00	29.88 -0.80 0.00	39.10 -0.56 0.00	44.98 -0.82 0.00	41.38 -0.76 0.00	36.88 -0.79 0.00	33.67 -0.69 0.00	33.02 -0.78 0.00	29.88 -0.70 0.00	28.97 -0.65 0.00
ROCKVIEW_13_KV_LD 356306	28.29 1.27 0.00	25.98 1.19 0.00	24.96 1.19 0.00	24.77 1.22 0.00	25.23 1.20 0.00	28.39 1.33 0.00	35.47 1.91 0.00	42.96 3.18 0.00	36.38 2.38 0.00	31.75 1.97 0.00	31.80 1.83 0.00	29.96 1.70 0.00	29.22 1.58 0.00	29.22 1.55 0.00	30.26 1.63 0.00	32.43 1.75 0.00	42.39 2.74 0.00	49.47 3.66 0.00	44.96 2.82 0.00	40.27 2.60 0.00	36.59 2.23 0.00	35.69 1.89 0.00	32.14 1.56 0.00	31.19 1.57 0.00
ROME____115KV_TB2 80656	28.07 1.05 0.00	25.69 0.89 0.00	24.60 0.83 0.00	24.35 0.80 0.00	24.89 0.86 0.00	28.20 1.14 0.00	35.13 1.58 0.00	41.80 2.03 0.00	35.57 1.56 0.00	31.01 1.22 0.00	31.17 1.20 0.00	29.31 1.05 0.00	28.61 0.97 0.00	28.61 0.94 0.00	29.66 1.03 0.00	32.03 1.35 0.00	41.84 2.18 0.00	48.42 2.61 0.00	44.41 2.28 0.00	39.66 2.00 0.00	36.14 1.79 0.00	35.32 1.52 0.00	31.83 1.25 0.00	30.74 1.13 0.00



ROSETON___1 23587	27.91 0.89 0.00	25.64 0.84 0.00	24.63 0.85 0.00	24.44 0.89 0.00	24.89 0.86 0.00	28.02 0.95 0.00	35.03 1.47 0.00	42.24 2.47 0.00	35.67 1.67 0.00	31.19 1.40 0.00	31.29 1.32 0.00	29.48 1.21 0.00	28.75 1.11 0.00	28.72 1.05 0.00	29.81 1.17 0.00	31.97 1.29 0.00	41.64 1.98 0.00	48.19 2.38 0.00	44.20 2.06 0.00	39.55 1.88 0.00	35.70 1.34 0.00	35.05 1.25 0.00	31.71 1.13 0.00	30.77 1.15 0.00
ROSETON___2 23588	27.91 0.89 0.00	25.64 0.84 0.00	24.63 0.85 0.00	24.44 0.89 0.00	24.89 0.86 0.00	28.02 0.95 0.00	35.03 1.47 0.00	42.24 2.47 0.00	35.67 1.67 0.00	31.19 1.40 0.00	31.29 1.32 0.00	29.48 1.21 0.00	28.75 1.11 0.00	28.72 1.05 0.00	29.81 1.17 0.00	31.97 1.29 0.00	41.64 1.98 0.00	48.19 2.38 0.00	44.20 2.06 0.00	39.55 1.88 0.00	35.70 1.34 0.00	35.05 1.25 0.00	31.71 1.13 0.00	30.77 1.15 0.00
ROTTTRDAM_115KV_TB3 80664	27.72 0.70 0.00	25.46 0.67 0.00	24.44 0.67 0.00	24.23 0.68 0.00	24.75 0.72 0.00	27.85 0.78 0.00	34.69 1.14 0.00	41.44 1.67 0.00	35.23 1.22 0.00	30.65 0.86 0.00	30.81 0.84 0.00	29.03 0.76 0.00	28.42 0.77 0.00	28.44 0.77 0.00	29.46 0.83 0.00	31.63 0.95 0.00	41.16 1.51 0.00	47.82 2.02 0.00	43.78 1.64 0.00	39.10 1.43 0.00	35.70 1.34 0.00	34.92 1.12 0.00	31.47 0.89 0.00	30.48 0.86 0.00
RUSSELL___1 23602	26.50 -0.51 0.00	24.25 -0.55 0.00	23.13 -0.64 0.00	22.86 -0.68 0.00	23.42 -0.60 0.00	26.36 -0.70 0.00	32.85 -0.70 0.00	38.42 -1.35 0.00	33.29 -0.71 0.00	29.25 -0.54 0.00	29.40 -0.57 0.00	27.73 -0.54 0.00	27.09 -0.55 0.00	27.17 -0.50 0.00	28.06 -0.57 0.00	30.07 -0.61 0.00	39.38 -0.28 0.00	45.26 -0.55 0.00	41.68 -0.46 0.00	37.10 -0.56 0.00	33.91 -0.45 0.00	33.23 -0.57 0.00	30.03 -0.55 0.00	29.12 -0.50 0.00
RUSSELL___2 23532	26.50 -0.51 0.00	24.25 -0.55 0.00	23.13 -0.64 0.00	22.86 -0.68 0.00	23.42 -0.60 0.00	26.36 -0.70 0.00	32.85 -0.70 0.00	38.42 -1.35 0.00	33.29 -0.71 0.00	29.25 -0.54 0.00	29.40 -0.57 0.00	27.73 -0.54 0.00	27.09 -0.55 0.00	27.17 -0.50 0.00	28.06 -0.57 0.00	30.07 -0.61 0.00	39.38 -0.28 0.00	45.26 -0.55 0.00	41.68 -0.46 0.00	37.10 -0.56 0.00	33.91 -0.45 0.00	33.23 -0.57 0.00	30.03 -0.55 0.00	29.12 -0.50 0.00
RUSSELL___3 23549	26.50 -0.51 0.00	24.25 -0.55 0.00	23.13 -0.64 0.00	22.86 -0.68 0.00	23.42 -0.60 0.00	26.36 -0.70 0.00	32.85 -0.70 0.00	38.42 -1.35 0.00	33.29 -0.71 0.00	29.25 -0.54 0.00	29.40 -0.57 0.00	27.73 -0.54 0.00	27.09 -0.55 0.00	27.17 -0.50 0.00	28.06 -0.57 0.00	30.07 -0.61 0.00	39.38 -0.28 0.00	45.26 -0.55 0.00	41.68 -0.46 0.00	37.10 -0.56 0.00	33.91 -0.45 0.00	33.23 -0.57 0.00	30.03 -0.55 0.00	29.12 -0.50 0.00
RUSSELL___4 23556	26.50 -0.51 0.00	24.25 -0.55 0.00	23.13 -0.64 0.00	22.86 -0.68 0.00	23.42 -0.60 0.00	26.36 -0.70 0.00	32.85 -0.70 0.00	38.42 -1.35 0.00	33.29 -0.71 0.00	29.25 -0.54 0.00	29.40 -0.57 0.00	27.73 -0.54 0.00	27.09 -0.55 0.00	27.17 -0.50 0.00	28.06 -0.57 0.00	30.07 -0.61 0.00	39.38 -0.28 0.00	45.26 -0.55 0.00	41.68 -0.46 0.00	37.10 -0.56 0.00	33.91 -0.45 0.00	33.23 -0.57 0.00	30.03 -0.55 0.00	29.12 -0.50 0.00
RUSSELL___STATION 23914	26.50 -0.51 0.00	24.25 -0.55 0.00	23.13 -0.64 0.00	22.86 -0.68 0.00	23.42 -0.60 0.00	26.36 -0.70 0.00	32.85 -0.70 0.00	38.42 -1.35 0.00	33.29 -0.71 0.00	29.25 -0.54 0.00	29.40 -0.57 0.00	27.73 -0.54 0.00	27.09 -0.55 0.00	27.17 -0.50 0.00	28.06 -0.57 0.00	30.07 -0.61 0.00	39.38 -0.28 0.00	45.26 -0.55 0.00	41.68 -0.46 0.00	37.10 -0.56 0.00	33.91 -0.45 0.00	33.23 -0.57 0.00	30.03 -0.55 0.00	29.12 -0.50 0.00
S SALMON___HYD 24043	26.45 -0.57 0.00	24.22 -0.57 0.00	23.20 -0.57 0.00	22.96 -0.59 0.00	23.47 -0.55 0.00	26.50 -0.57 0.00	32.81 -0.74 0.00	38.98 -0.80 0.00	33.19 -0.82 0.00	29.01 -0.77 0.00	29.16 -0.81 0.00	27.45 -0.82 0.00	26.84 -0.80 0.00	26.87 -0.80 0.00	27.80 -0.83 0.00	29.92 -0.77 0.00	39.06 -0.59 0.00	45.12 -0.69 0.00	41.59 -0.55 0.00	37.14 -0.53 0.00	33.77 -0.58 0.00	33.06 -0.74 0.00	29.85 -0.73 0.00	28.82 -0.80 0.00
S.PERRY___115KV_TB1 80734	27.48 0.46 0.00	25.04 0.25 0.00	23.84 0.07 0.00	23.55 0.00 0.00	24.17 0.14 0.00	27.26 0.19 0.00	34.12 0.57 0.00	39.85 0.08 0.00	34.48 0.48 0.00	30.18 0.39 0.00	30.24 0.27 0.00	28.61 0.34 0.00	27.98 0.33 0.00	28.11 0.44 0.00	29.06 0.43 0.00	31.30 0.61 0.00	41.24 1.59 0.00	47.64 1.83 0.00	43.78 1.64 0.00	38.98 1.32 0.00	35.63 1.27 0.00	34.81 1.01 0.00	31.44 0.86 0.00	30.42 0.80 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	25.91 -1.11 0.00	23.70 -1.09 0.00	22.54 -1.24 0.00	22.25 -1.30 0.00	22.80 -1.23 0.00	25.58 -1.49 0.00	31.81 -1.74 0.00	36.67 -3.10 0.00	32.17 -1.84 0.00	28.45 -1.34 0.00	28.71 -1.26 0.00	27.08 -1.19 0.00	26.46 -1.19 0.00	26.56 -1.11 0.00	27.34 -1.29 0.00	29.21 -1.47 0.00	38.23 -1.43 0.00	43.66 -2.15 0.00	40.24 -1.90 0.00	35.78 -1.88 0.00	32.78 -1.58 0.00	32.18 -1.62 0.00	29.30 -1.28 0.00	28.64 -0.98 0.00
SAWYER___23_KV_LOAD 55526	25.91 -1.11 0.00	23.70 -1.09 0.00	22.54 -1.24 0.00	22.25 -1.30 0.00	22.80 -1.23 0.00	25.58 -1.49 0.00	31.81 -1.74 0.00	36.67 -3.10 0.00	32.17 -1.84 0.00	28.45 -1.34 0.00	28.71 -1.26 0.00	27.08 -1.19 0.00	26.46 -1.19 0.00	26.56 -1.11 0.00	27.34 -1.29 0.00	29.21 -1.47 0.00	38.23 -1.43 0.00	43.66 -2.15 0.00	40.24 -1.90 0.00	35.78 -1.88 0.00	32.78 -1.58 0.00	32.18 -1.62 0.00	29.30 -1.28 0.00	28.64 -0.98 0.00
SELKIRK___I 23801	27.59 0.57 0.00	25.34 0.54 0.00	24.39 0.62 0.00	24.16 0.61 0.00	24.67 0.65 0.00	27.69 0.62 0.00	34.49 0.94 0.00	41.20 1.43 0.00	34.95 0.95 0.00	30.38 0.60 0.00	30.54 0.57 0.00	28.80 0.54 0.00	28.20 0.55 0.00	28.25 0.58 0.00	29.26 0.63 0.00	31.42 0.74 0.00	40.81 1.15 0.00	47.18 1.37 0.00	43.40 1.26 0.00	38.80 1.13 0.00	35.25 0.89 0.00	34.61 0.81 0.00	31.25 0.67 0.00	30.30 0.68 0.00
SELKIRK___II 23799	27.37 0.35 0.00	25.17 0.37 0.00	24.20 0.43 0.00	23.99 0.45 0.00	24.48 0.46 0.00	27.50 0.43 0.00	34.26 0.71 0.00	41.01 1.23 0.00	34.75 0.75 0.00	30.26 0.48 0.00	30.42 0.45 0.00	28.72 0.45 0.00	28.06 0.42 0.00	28.11 0.44 0.00	29.12 0.49 0.00	31.23 0.55 0.00	40.61 0.95 0.00	46.95 1.15 0.00	43.15 1.01 0.00	38.57 0.90 0.00	35.01 0.65 0.00	34.37 0.57 0.00	31.04 0.46 0.00	30.09 0.47 0.00
SENECA OSWGO___HYD 24041	26.58 -0.43 0.00	24.35 -0.45 0.00	23.32 -0.45 0.00	23.10 -0.45 0.00	23.59 -0.43 0.00	26.61 -0.46 0.00	32.81 -0.74 0.00	38.94 -0.84 0.00	33.22 -0.78 0.00	29.07 -0.72 0.00	29.22 -0.75 0.00	27.56 -0.71 0.00	26.98 -0.66 0.00	26.98 -0.69 0.00	27.86 -0.77 0.00	29.92 -0.77 0.00	38.94 -0.71 0.00	44.94 -0.87 0.00	41.42 -0.72 0.00	36.99 -0.68 0.00	33.67 -0.69 0.00	32.99 -0.81 0.00	29.85 -0.73 0.00	28.85 -0.77 0.00



SENECA___115KV_TB3 355854	26.40 -0.62 0.00	24.15 -0.64 0.00	22.96 -0.81 0.00	22.65 -0.89 0.00	23.21 -0.82 0.00	26.09 -0.97 0.00	32.51 -1.04 0.00	37.59 -2.19 0.00	32.91 -1.09 0.00	29.07 -0.71 0.00	29.31 -0.66 0.00	27.65 -0.62 0.00	27.01 -0.64 0.00	27.12 -0.55 0.00	27.92 -0.72 0.00	29.85 -0.83 0.00	39.10 -0.56 0.00	44.71 -1.10 0.00	41.09 -1.05 0.00	36.54 -1.13 0.00	33.46 -0.89 0.00	32.85 -0.95 0.00	29.88 -0.70 0.00	29.20 -0.41 0.00
SENECA___ENERGY 23797	26.88 -0.13 0.00	24.57 -0.22 0.00	23.51 -0.26 0.00	23.27 -0.28 0.00	23.83 -0.19 0.00	26.88 -0.19 0.00	33.39 -0.17 0.00	39.50 -0.28 0.00	33.83 -0.17 0.00	29.64 -0.15 0.00	29.76 -0.21 0.00	28.04 -0.23 0.00	27.45 -0.19 0.00	27.48 -0.19 0.00	28.32 -0.31 0.00	30.44 -0.25 0.00	39.70 0.04 0.00	45.76 -0.05 0.00	42.27 0.13 0.00	37.78 0.11 0.00	34.39 0.03 0.00	33.63 -0.17 0.00	30.46 -0.12 0.00	29.41 -0.21 0.00
SHOEMAKER___GT 23640	27.80 0.78 0.00	25.54 0.74 0.00	24.51 0.74 0.00	24.32 0.78 0.00	24.79 0.77 0.00	27.91 0.84 0.00	34.86 1.31 0.00	41.88 2.11 0.00	35.40 1.39 0.00	30.98 1.19 0.00	31.08 1.11 0.00	29.26 0.99 0.00	28.53 0.88 0.00	28.47 0.80 0.00	29.52 0.89 0.00	31.69 1.01 0.00	41.32 1.67 0.00	47.87 2.06 0.00	43.91 1.77 0.00	39.28 1.62 0.00	35.49 1.13 0.00	34.85 1.05 0.00	31.50 0.92 0.00	30.57 0.95 0.00
SHOEMAKR_138KV_BK 111 55601	27.88 0.86 0.00	25.59 0.79 0.00	24.56 0.78 0.00	24.37 0.82 0.00	24.84 0.82 0.00	27.96 0.89 0.00	34.86 1.31 0.00	41.92 2.15 0.00	35.53 1.53 0.00	31.07 1.28 0.00	31.14 1.17 0.00	29.31 1.05 0.00	28.61 0.97 0.00	28.55 0.89 0.00	29.58 0.94 0.00	31.72 1.04 0.00	41.40 1.74 0.00	48.28 2.47 0.00	43.99 1.85 0.00	39.36 1.69 0.00	35.80 1.44 0.00	34.98 1.18 0.00	31.53 0.95 0.00	30.60 0.98 0.00
SHOREHAM_IC_1 23715	36.61 2.24 -7.35	31.47 2.08 -4.60	25.10 1.33 0.00	24.91 1.37 0.00	25.42 1.39 0.00	28.56 1.49 0.00	37.42 2.45 -1.42	43.36 3.58 0.00	38.81 2.72 -2.09	31.78 2.00 0.00	35.97 2.88 -3.12	32.88 2.60 -2.01	29.00 1.35 0.00	29.11 1.44 0.00	30.38 1.75 0.00	35.13 2.12 -2.33	45.52 3.37 -2.50	60.25 4.03 -10.41	53.44 3.54 -7.76	50.32 3.20 -9.45	44.40 2.51 -7.54	39.62 2.37 -3.45	35.73 2.02 -3.14	33.62 2.19 -1.81
SHOREHAM_IC_2 23716	36.61 2.24 -7.35	31.47 2.08 -4.60	25.10 1.33 0.00	24.91 1.37 0.00	25.42 1.39 0.00	28.56 1.49 0.00	37.42 2.45 -1.42	43.36 3.58 0.00	38.81 2.72 -2.09	31.78 2.00 0.00	35.97 2.88 -3.12	32.88 2.60 -2.01	29.00 1.35 0.00	29.11 1.44 0.00	30.38 1.75 0.00	35.13 2.12 -2.33	45.52 3.37 -2.50	60.25 4.03 -10.41	53.44 3.54 -7.76	50.32 3.20 -9.45	44.40 2.51 -7.54	39.62 2.37 -3.45	35.73 2.02 -3.14	33.62 2.19 -1.81
SISSONVILLE____ 23735	26.37 -0.65 0.00	24.20 -0.60 0.00	23.18 -0.59 0.00	22.93 -0.61 0.00	23.35 -0.67 0.00	26.39 -0.68 0.00	32.58 -0.97 0.00	38.30 -1.47 0.00	32.91 -1.09 0.00	29.19 -0.60 0.00	29.43 -0.54 0.00	27.73 -0.54 0.00	27.12 -0.53 0.00	27.20 -0.47 0.00	28.20 -0.43 0.00	30.07 -0.61 0.00	38.47 -1.19 0.00	44.16 -1.65 0.00	41.04 -1.10 0.00	36.69 -0.98 0.00	33.43 -0.93 0.00	33.09 -0.71 0.00	30.21 -0.37 0.00	29.20 -0.41 0.00
SITHE_IND_GS1 24169	26.29 -0.73 0.00	24.10 -0.69 0.00	23.08 -0.69 0.00	22.86 -0.68 0.00	23.35 -0.67 0.00	26.31 -0.76 0.00	32.41 -1.14 0.00	38.38 -1.39 0.00	32.78 -1.22 0.00	28.72 -1.07 0.00	28.92 -1.05 0.00	27.28 -0.99 0.00	26.71 -0.94 0.00	26.73 -0.94 0.00	27.57 -1.06 0.00	29.58 -1.10 0.00	38.39 -1.27 0.00	44.30 -1.51 0.00	40.79 -1.35 0.00	36.46 -1.21 0.00	33.19 -1.17 0.00	32.58 -1.22 0.00	29.48 -1.10 0.00	28.52 -1.10 0.00
SITHE_IND_GS2 24170	26.29 -0.73 0.00	24.10 -0.69 0.00	23.08 -0.69 0.00	22.86 -0.68 0.00	23.35 -0.67 0.00	26.31 -0.76 0.00	32.41 -1.14 0.00	38.38 -1.39 0.00	32.78 -1.22 0.00	28.72 -1.07 0.00	28.92 -1.05 0.00	27.28 -0.99 0.00	26.71 -0.94 0.00	26.73 -0.94 0.00	27.57 -1.06 0.00	29.58 -1.10 0.00	38.39 -1.27 0.00	44.30 -1.51 0.00	40.79 -1.35 0.00	36.46 -1.21 0.00	33.19 -1.17 0.00	32.58 -1.22 0.00	29.48 -1.10 0.00	28.52 -1.10 0.00
SITHE_IND_GS3 24171	26.29 -0.73 0.00	24.10 -0.69 0.00	23.08 -0.69 0.00	22.86 -0.68 0.00	23.35 -0.67 0.00	26.31 -0.76 0.00	32.41 -1.14 0.00	38.38 -1.39 0.00	32.78 -1.22 0.00	28.72 -1.07 0.00	28.92 -1.05 0.00	27.28 -0.99 0.00	26.71 -0.94 0.00	26.73 -0.94 0.00	27.57 -1.06 0.00	29.58 -1.10 0.00	38.39 -1.27 0.00	44.30 -1.51 0.00	40.79 -1.35 0.00	36.46 -1.21 0.00	33.19 -1.17 0.00	32.58 -1.22 0.00	29.48 -1.10 0.00	28.52 -1.10 0.00
SITHE_IND_GS4 24172	26.29 -0.73 0.00	24.10 -0.69 0.00	23.08 -0.69 0.00	22.86 -0.68 0.00	23.35 -0.67 0.00	26.31 -0.76 0.00	32.41 -1.14 0.00	38.38 -1.39 0.00	32.78 -1.22 0.00	28.72 -1.07 0.00	28.92 -1.05 0.00	27.28 -0.99 0.00	26.71 -0.94 0.00	26.73 -0.94 0.00	27.57 -1.06 0.00	29.58 -1.10 0.00	38.39 -1.27 0.00	44.30 -1.51 0.00	40.79 -1.35 0.00	36.46 -1.21 0.00	33.19 -1.17 0.00	32.58 -1.22 0.00	29.48 -1.10 0.00	28.52 -1.10 0.00
SITHE___BATAVIA 24024	26.58 -0.43 0.00	24.27 -0.52 0.00	23.13 -0.64 0.00	22.84 -0.71 0.00	23.42 -0.60 0.00	26.36 -0.70 0.00	32.78 -0.77 0.00	38.46 -1.31 0.00	33.46 -0.55 0.00	29.55 -0.24 0.00	29.64 -0.33 0.00	27.87 -0.40 0.00	27.54 -0.11 0.00	27.61 -0.06 0.00	28.20 -0.43 0.00	30.31 -0.37 0.00	39.94 0.28 0.00	45.53 -0.27 0.00	42.27 0.13 0.00	37.63 -0.04 0.00	34.29 -0.07 0.00	33.46 -0.34 0.00	30.52 -0.06 0.00	29.41 -0.21 0.00
SITHE___INDEPEND 23800	26.21 -0.81 0.00	24.05 -0.74 0.00	23.03 -0.74 0.00	22.82 -0.73 0.00	23.30 -0.72 0.00	26.26 -0.81 0.00	32.41 -1.14 0.00	38.34 -1.43 0.00	32.78 -1.22 0.00	28.69 -1.10 0.00	28.89 -1.08 0.00	27.25 -1.02 0.00	26.65 -1.00 0.00	26.67 -1.00 0.00	27.54 -1.09 0.00	29.55 -1.14 0.00	38.35 -1.31 0.00	44.34 -1.47 0.00	40.75 -1.39 0.00	36.39 -1.28 0.00	33.19 -1.17 0.00	32.58 -1.22 0.00	29.45 -1.13 0.00	28.49 -1.13 0.00
SITHE___MASSENA 23902	27.07 0.05 0.00	24.84 0.05 0.00	23.82 0.05 0.00	23.57 0.02 0.00	24.00 -0.02 0.00	27.07 0.00 0.00	33.35 -0.20 0.00	39.14 -0.64 0.00	33.77 -0.24 0.00	29.82 0.03 0.00	30.06 0.09 0.00	28.38 0.11 0.00	27.76 0.11 0.00	27.81 0.14 0.00	28.83 0.20 0.00	30.71 0.03 0.00	39.26 -0.40 0.00	45.44 -0.37 0.00	41.80 -0.34 0.00	37.33 -0.34 0.00	34.36 0.00 0.00	33.90 0.10 0.00	30.82 0.24 0.00	29.83 0.21 0.00
SITHE___OGDNSBRG 24021	27.15 0.14 0.00	24.92 0.12 0.00	23.87 0.10 0.00	23.64 0.09 0.00	24.07 0.05 0.00	27.20 0.14 0.00	33.62 0.07 0.00	39.54 -0.24 0.00	33.97 -0.03 0.00	30.09 0.30 0.00	30.33 0.36 0.00	28.55 0.28 0.00	27.92 0.28 0.00	28.00 0.33 0.00	29.06 0.43 0.00	30.99 0.31 0.00	39.62 -0.04 0.00	45.44 -0.37 0.00	42.27 0.13 0.00	37.82 0.15 0.00	34.46 0.10 0.00	34.10 0.30 0.00	31.13 0.55 0.00	30.06 0.44 0.00



SITHE___STERLING 23777	27.88 0.86 0.00	25.54 0.74 0.00	24.46 0.69 0.00	24.23 0.68 0.00	24.74 0.72 0.00	28.02 0.95 0.00	34.83 1.27 0.00	41.48 1.71 0.00	35.26 1.26 0.00	30.80 1.01 0.00	30.93 0.96 0.00	29.12 0.85 0.00	28.45 0.80 0.00	28.47 0.80 0.00	29.46 0.83 0.00	31.75 1.07 0.00	41.44 1.79 0.00	47.78 1.97 0.00	43.95 1.81 0.00	39.28 1.62 0.00	35.70 1.34 0.00	34.95 1.15 0.00	31.56 0.98 0.00	30.48 0.86 0.00
SLEIGHT__34_KV_TB1 80719	26.48 -0.54 0.00	24.22 -0.57 0.00	23.13 -0.64 0.00	22.91 -0.64 0.00	23.45 -0.58 0.00	26.45 -0.62 0.00	32.92 -0.64 0.00	38.74 -1.03 0.00	33.32 -0.68 0.00	29.19 -0.60 0.00	29.31 -0.66 0.00	27.65 -0.62 0.00	27.01 -0.64 0.00	27.06 -0.61 0.00	27.95 -0.69 0.00	30.01 -0.67 0.00	39.22 -0.44 0.00	45.30 -0.50 0.00	41.63 -0.51 0.00	37.10 -0.56 0.00	33.88 -0.48 0.00	33.16 -0.64 0.00	29.94 -0.64 0.00	28.97 -0.65 0.00
SOUTH CAIRO___GT 23612	28.34 1.32 0.00	26.03 1.24 0.00	25.05 1.28 0.00	24.82 1.27 0.00	25.39 1.37 0.00	28.53 1.46 0.00	35.60 2.05 0.00	42.36 2.58 0.00	35.84 1.83 0.00	30.80 1.01 0.00	30.78 0.81 0.00	29.00 0.73 0.00	28.34 0.69 0.00	28.50 0.83 0.00	29.58 0.94 0.00	31.85 1.17 0.00	41.72 2.06 0.00	48.51 2.70 0.00	44.75 2.61 0.00	39.93 2.26 0.00	36.18 1.82 0.00	35.42 1.62 0.00	31.86 1.28 0.00	30.92 1.30 0.00
SOUTH HAMPTN___IC 23720	36.91 2.54 -7.35	31.75 2.36 -4.60	25.48 1.71 0.00	25.31 1.77 0.00	25.80 1.78 0.00	29.02 1.95 0.00	38.00 3.02 -1.42	44.07 4.30 0.00	39.42 3.33 -2.09	32.29 2.50 0.00	36.33 3.24 -3.12	33.19 2.91 -2.01	29.44 1.80 0.00	29.58 1.91 0.00	30.84 2.20 0.00	35.65 2.64 -2.33	46.24 4.09 -2.50	61.07 4.85 -10.41	54.20 4.30 -7.76	51.00 3.88 -9.45	45.02 3.13 -7.54	40.23 2.98 -3.45	36.29 2.57 -3.14	34.06 2.64 -1.81
SOUTHDOW_115KV_TB1 355954	27.29 0.27 0.00	24.87 0.07 0.00	23.61 -0.17 0.00	23.36 -0.19 0.00	23.93 -0.10 0.00	26.99 -0.08 0.00	33.89 0.34 0.00	39.34 -0.44 0.00	34.38 0.37 0.00	30.35 0.57 0.00	30.60 0.63 0.00	28.92 0.65 0.00	28.23 0.58 0.00	28.33 0.66 0.00	29.18 0.54 0.00	31.20 0.52 0.00	40.92 1.27 0.00	47.04 1.24 0.00	43.15 1.01 0.00	38.38 0.72 0.00	35.15 0.79 0.00	34.41 0.61 0.00	31.28 0.70 0.00	30.54 0.92 0.00
SOUTHOLD_69_KV_BK 2 55809	37.48 3.11 -7.35	32.27 2.88 -4.60	25.91 2.14 0.00	25.74 2.19 0.00	26.26 2.23 0.00	29.53 2.46 0.00	38.63 3.66 -1.42	45.06 5.29 0.00	40.24 4.15 -2.09	32.86 3.07 0.00	36.84 3.75 -3.12	33.67 3.39 -2.01	29.97 2.32 0.00	30.05 2.38 0.00	31.32 2.69 0.00	36.17 3.16 -2.33	47.03 4.88 -2.50	62.54 6.32 -10.41	55.16 5.27 -7.76	51.86 4.75 -9.45	46.06 4.16 -7.54	41.07 3.82 -3.45	36.90 3.18 -3.14	34.66 3.23 -1.81
SOUTHOLD___IC 23719	37.34 2.97 -7.35	32.14 2.75 -4.60	25.89 2.11 0.00	25.71 2.16 0.00	26.21 2.19 0.00	29.48 2.41 0.00	38.63 3.66 -1.42	44.83 5.05 0.00	40.07 3.98 -2.09	32.80 3.01 0.00	36.81 3.72 -3.12	33.64 3.36 -2.01	29.89 2.24 0.00	29.99 2.32 0.00	31.30 2.66 0.00	36.17 3.16 -2.33	46.99 4.84 -2.50	62.04 5.82 -10.41	55.12 5.22 -7.76	51.79 4.67 -9.45	45.75 3.85 -7.54	40.90 3.65 -3.45	36.87 3.15 -3.14	34.60 3.17 -1.81
SOUTH_FORK_WT_PWR 323839	37.40 3.03 -7.35	32.19 2.80 -4.60	25.93 2.16 0.00	25.74 2.19 0.00	26.26 2.23 0.00	29.51 2.44 0.00	38.70 3.72 -1.42	44.87 5.09 0.00	40.10 4.01 -2.09	32.86 3.07 0.00	36.87 3.78 -3.12	33.67 3.39 -2.01	29.91 2.27 0.00	30.02 2.35 0.00	31.32 2.69 0.00	36.20 3.19 -2.33	47.03 4.88 -2.50	62.13 5.91 -10.41	55.16 5.27 -7.76	51.86 4.75 -9.45	45.78 3.88 -7.54	40.97 3.72 -3.45	36.90 3.18 -3.14	34.66 3.23 -1.81
SPIERFLS_115KV_TB 1 80737	28.32 1.30 0.00	25.98 1.19 0.00	24.96 1.19 0.00	24.75 1.20 0.00	25.32 1.30 0.00	28.50 1.43 0.00	35.70 2.15 0.00	42.68 2.90 0.00	36.25 2.24 0.00	31.28 1.49 0.00	31.41 1.44 0.00	29.51 1.24 0.00	28.89 1.24 0.00	28.94 1.27 0.00	30.06 1.43 0.00	32.43 1.75 0.00	42.39 2.74 0.00	49.47 3.66 0.00	45.22 3.08 0.00	40.27 2.60 0.00	36.83 2.47 0.00	35.86 2.06 0.00	32.17 1.59 0.00	31.13 1.51 0.00
ST LAWRENCE____ 23600	26.80 -0.22 0.00	24.59 -0.20 0.00	23.58 -0.19 0.00	23.33 -0.21 0.00	23.76 -0.26 0.00	26.80 -0.27 0.00	33.12 -0.44 0.00	38.82 -0.95 0.00	33.53 -0.48 0.00	29.52 -0.27 0.00	29.76 -0.21 0.00	28.10 -0.17 0.00	27.51 -0.14 0.00	27.56 -0.11 0.00	28.55 -0.09 0.00	30.50 -0.18 0.00	38.94 -0.71 0.00	45.07 -0.73 0.00	41.46 -0.68 0.00	37.03 -0.64 0.00	34.08 -0.28 0.00	33.63 -0.17 0.00	30.52 -0.06 0.00	29.53 -0.09 0.00
STATE_CA_115KV_115_LB 55624	27.40 0.38 0.00	25.16 0.37 0.00	24.25 0.48 0.00	24.04 0.49 0.00	24.55 0.53 0.00	27.53 0.46 0.00	34.29 0.74 0.00	41.17 1.39 0.00	34.92 0.92 0.00	30.29 0.51 0.00	30.45 0.48 0.00	28.78 0.51 0.00	28.20 0.55 0.00	28.25 0.58 0.00	29.20 0.57 0.00	31.33 0.64 0.00	40.77 1.11 0.00	47.46 1.65 0.00	43.32 1.18 0.00	38.68 1.02 0.00	35.35 1.00 0.00	34.54 0.74 0.00	31.10 0.52 0.00	30.09 0.47 0.00
STATE_ST_34_KV_LOAD 55959	27.07 0.05 0.00	24.77 -0.02 0.00	23.70 -0.07 0.00	23.48 -0.07 0.00	24.02 0.00 0.00	27.12 0.05 0.00	33.69 0.13 0.00	39.93 0.16 0.00	34.14 0.14 0.00	29.82 0.03 0.00	29.94 -0.03 0.00	28.24 -0.03 0.00	27.59 -0.06 0.00	27.61 -0.06 0.00	28.55 -0.09 0.00	30.65 -0.03 0.00	39.93 0.28 0.00	46.31 0.50 0.00	42.52 0.38 0.00	37.93 0.26 0.00	34.63 0.27 0.00	33.87 0.07 0.00	30.55 -0.03 0.00	29.56 -0.06 0.00
STATION 5_MISC_HYD 23604	26.45 -0.57 0.00	24.15 -0.64 0.00	23.06 -0.71 0.00	22.79 -0.75 0.00	23.38 -0.65 0.00	26.28 -0.79 0.00	32.61 -0.94 0.00	38.50 -1.27 0.00	33.25 -0.75 0.00	29.31 -0.48 0.00	29.43 -0.54 0.00	27.73 -0.54 0.00	27.32 -0.33 0.00	27.34 -0.33 0.00	28.06 -0.57 0.00	30.13 -0.55 0.00	39.46 -0.20 0.00	45.17 -0.64 0.00	41.80 -0.34 0.00	37.29 -0.38 0.00	33.98 -0.38 0.00	33.19 -0.61 0.00	30.18 -0.40 0.00	29.09 -0.53 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	26.86 -0.16 0.00	24.54 -0.25 0.00	23.44 -0.33 0.00	23.19 -0.35 0.00	23.76 -0.26 0.00	26.77 -0.30 0.00	33.35 -0.20 0.00	39.18 -0.60 0.00	33.80 -0.20 0.00	29.58 -0.21 0.00	29.73 -0.24 0.00	28.01 -0.25 0.00	27.37 -0.28 0.00	27.42 -0.25 0.00	28.35 -0.29 0.00	30.41 -0.28 0.00	39.77 0.12 0.00	45.95 0.14 0.00	42.22 0.08 0.00	37.63 -0.04 0.00	34.39 0.03 0.00	33.66 -0.14 0.00	30.40 -0.18 0.00	29.41 -0.21 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	26.26 -0.76 0.00	24.02 -0.77 0.00	22.94 -0.83 0.00	22.68 -0.87 0.00	23.23 -0.79 0.00	26.15 -0.92 0.00	32.55 -1.01 0.00	38.10 -1.67 0.00	32.98 -1.02 0.00	28.98 -0.80 0.00	29.13 -0.84 0.00	27.48 -0.79 0.00	26.85 -0.80 0.00	26.92 -0.75 0.00	27.80 -0.83 0.00	29.79 -0.89 0.00	38.94 -0.71 0.00	44.85 -0.96 0.00	41.25 -0.88 0.00	36.72 -0.94 0.00	33.57 -0.79 0.00	32.89 -0.91 0.00	29.72 -0.86 0.00	28.82 -0.80 0.00



STA_56___34_KV_BUS2 355983	26.26 -0.76 0.00	24.02 -0.77 0.00	22.94 -0.83 0.00	22.68 -0.87 0.00	23.23 -0.79 0.00	26.15 -0.92 0.00	32.55 -1.01 0.00	38.10 -1.67 0.00	32.98 -1.02 0.00	28.98 -0.80 0.00	29.13 -0.84 0.00	27.48 -0.79 0.00	26.85 -0.80 0.00	26.92 -0.75 0.00	27.80 -0.83 0.00	29.79 -0.89 0.00	38.94 -0.71 0.00	44.85 -0.96 0.00	41.25 -0.88 0.00	36.72 -0.94 0.00	33.57 -0.79 0.00	32.89 -0.91 0.00	29.72 -0.86 0.00	28.82 -0.80 0.00
STA_67___115KV_BK2 355882	26.32 -0.70 0.00	24.07 -0.72 0.00	22.99 -0.78 0.00	22.70 -0.85 0.00	23.26 -0.77 0.00	26.17 -0.89 0.00	32.58 -0.97 0.00	38.10 -1.67 0.00	33.02 -0.99 0.00	29.01 -0.77 0.00	29.16 -0.81 0.00	27.51 -0.76 0.00	26.90 -0.75 0.00	26.98 -0.69 0.00	27.83 -0.80 0.00	29.82 -0.86 0.00	39.02 -0.63 0.00	44.85 -0.96 0.00	41.25 -0.88 0.00	36.76 -0.90 0.00	33.60 -0.76 0.00	32.92 -0.88 0.00	29.78 -0.80 0.00	28.91 -0.71 0.00
STA_7___115KV_9TRANS 80674	26.50 -0.51 0.00	24.25 -0.55 0.00	23.13 -0.64 0.00	22.86 -0.68 0.00	23.42 -0.60 0.00	26.36 -0.70 0.00	32.85 -0.70 0.00	38.42 -1.35 0.00	33.29 -0.71 0.00	29.25 -0.54 0.00	29.40 -0.57 0.00	27.73 -0.54 0.00	27.09 -0.55 0.00	27.17 -0.50 0.00	28.06 -0.57 0.00	30.07 -0.61 0.00	39.38 -0.28 0.00	45.26 -0.55 0.00	41.68 -0.46 0.00	37.10 -0.56 0.00	33.91 -0.45 0.00	33.23 -0.57 0.00	30.03 -0.55 0.00	29.12 -0.50 0.00
STA_82___115KV_TB1 80780	26.34 -0.68 0.00	24.10 -0.69 0.00	22.99 -0.78 0.00	22.72 -0.82 0.00	23.28 -0.74 0.00	26.20 -0.87 0.00	32.58 -0.97 0.00	38.10 -1.67 0.00	33.02 -0.99 0.00	29.01 -0.77 0.00	29.19 -0.78 0.00	27.53 -0.73 0.00	26.90 -0.75 0.00	26.98 -0.69 0.00	27.86 -0.77 0.00	29.85 -0.83 0.00	39.02 -0.63 0.00	44.89 -0.92 0.00	41.30 -0.84 0.00	36.80 -0.87 0.00	33.60 -0.76 0.00	32.95 -0.85 0.00	29.82 -0.76 0.00	28.91 -0.71 0.00
STEEL___WIND 323596	26.42 -0.59 0.00	24.12 -0.67 0.00	22.96 -0.81 0.00	22.68 -0.87 0.00	23.23 -0.79 0.00	26.09 -0.97 0.00	32.45 -1.11 0.00	37.98 -1.79 0.00	33.12 -0.88 0.00	29.34 -0.45 0.00	29.55 -0.42 0.00	27.85 -0.42 0.00	27.51 -0.14 0.00	27.56 -0.11 0.00	28.12 -0.51 0.00	30.13 -0.55 0.00	39.54 -0.12 0.00	44.94 -0.87 0.00	41.72 -0.42 0.00	37.10 -0.56 0.00	33.84 -0.51 0.00	33.06 -0.74 0.00	30.30 -0.28 0.00	29.35 -0.27 0.00
STEPHTWN_115KV_BK_2 55603	27.67 0.65 0.00	25.41 0.62 0.00	24.48 0.71 0.00	24.28 0.73 0.00	24.79 0.77 0.00	27.83 0.76 0.00	34.76 1.21 0.00	41.68 1.91 0.00	35.40 1.39 0.00	30.68 0.89 0.00	30.78 0.81 0.00	29.06 0.79 0.00	28.45 0.80 0.00	28.47 0.80 0.00	29.46 0.83 0.00	31.69 1.01 0.00	41.28 1.63 0.00	48.10 2.29 0.00	43.87 1.73 0.00	39.17 1.51 0.00	35.84 1.48 0.00	34.98 1.18 0.00	31.47 0.89 0.00	30.39 0.77 0.00
STEBUBEN_REC_LFGE 323667	27.53 0.51 0.00	25.12 0.32 0.00	23.89 0.12 0.00	23.64 0.09 0.00	24.22 0.19 0.00	27.31 0.24 0.00	34.16 0.60 0.00	39.81 0.04 0.00	34.44 0.44 0.00	30.32 0.54 0.00	30.48 0.51 0.00	28.75 0.48 0.00	28.03 0.39 0.00	28.17 0.50 0.00	29.06 0.43 0.00	31.23 0.55 0.00	40.96 1.31 0.00	47.32 1.51 0.00	43.36 1.22 0.00	38.61 0.94 0.00	35.35 1.00 0.00	34.54 0.74 0.00	31.31 0.73 0.00	30.42 0.80 0.00
STILLWATER___SOLAR 323814	28.13 1.11 0.00	25.83 1.04 0.00	24.79 1.02 0.00	24.58 1.03 0.00	25.11 1.08 0.00	28.29 1.22 0.00	35.36 1.81 0.00	42.28 2.51 0.00	35.84 1.83 0.00	31.07 1.28 0.00	31.20 1.23 0.00	29.37 1.10 0.00	28.72 1.08 0.00	28.78 1.11 0.00	29.89 1.26 0.00	31.91 1.23 0.00	41.56 1.90 0.00	48.14 2.33 0.00	44.29 2.15 0.00	39.51 1.85 0.00	35.91 1.55 0.00	35.15 1.35 0.00	31.68 1.10 0.00	30.95 1.33 0.00
STONY___BROOK 24151	36.46 2.08 -7.36	31.35 1.96 -4.60	25.36 1.59 0.00	25.19 1.65 0.00	25.68 1.66 0.00	28.88 1.81 0.00	37.80 2.82 -1.42	43.75 3.98 0.00	39.22 3.13 -2.09	32.11 2.32 0.00	35.76 2.67 -3.12	32.74 2.46 -2.01	29.44 1.80 0.00	29.55 1.88 0.00	30.81 2.17 0.00	35.56 2.55 -2.33	45.96 3.81 -2.50	60.62 4.40 -10.41	53.77 3.87 -7.76	50.70 3.58 -9.45	44.75 2.85 -7.54	39.92 2.67 -3.45	36.07 2.35 -3.14	33.83 2.40 -1.81
STURGEON_POOL_HYD 23609	28.04 1.03 0.00	25.76 0.97 0.00	24.70 0.93 0.00	24.51 0.97 0.00	24.96 0.94 0.00	28.12 1.06 0.00	35.03 1.48 0.00	42.20 2.43 0.00	35.74 1.73 0.00	31.19 1.40 0.00	31.26 1.29 0.00	29.43 1.16 0.00	28.70 1.05 0.00	28.69 1.02 0.00	29.75 1.12 0.00	31.88 1.20 0.00	41.64 1.98 0.00	48.56 2.75 0.00	44.20 2.06 0.00	39.59 1.92 0.00	35.97 1.61 0.00	35.15 1.35 0.00	31.71 1.13 0.00	30.77 1.16 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	27.99 0.97 0.00	25.69 0.89 0.00	24.65 0.88 0.00	24.47 0.92 0.00	24.94 0.91 0.00	28.07 1.00 0.00	35.00 1.44 0.00	42.24 2.47 0.00	35.77 1.77 0.00	31.25 1.46 0.00	31.29 1.32 0.00	29.48 1.22 0.00	28.75 1.11 0.00	28.72 1.05 0.00	29.75 1.12 0.00	31.88 1.20 0.00	41.60 1.94 0.00	48.56 2.75 0.00	44.20 2.06 0.00	39.55 1.88 0.00	35.97 1.61 0.00	35.12 1.32 0.00	31.68 1.10 0.00	30.74 1.13 0.00
SWANROAD_115KV_TB1 355699	25.32 -1.70 0.00	23.13 -1.66 0.00	22.08 -1.69 0.00	21.71 -1.84 0.00	22.25 -1.78 0.00	25.01 -2.06 0.00	31.04 -2.52 0.00	35.68 -4.10 0.00	31.38 -2.62 0.00	27.76 -2.03 0.00	27.99 -1.98 0.00	26.40 -1.87 0.00	25.79 -1.85 0.00	25.90 -1.77 0.00	26.69 -1.95 0.00	28.50 -2.18 0.00	37.32 -2.34 0.00	42.51 -3.30 0.00	39.19 -2.95 0.00	34.80 -2.86 0.00	31.92 -2.44 0.00	31.37 -2.43 0.00	28.53 -2.05 0.00	27.90 -1.72 0.00
SYNERGY___BIOGAS 323694	26.58 -0.43 0.00	24.27 -0.52 0.00	23.13 -0.64 0.00	22.84 -0.71 0.00	23.42 -0.60 0.00	26.36 -0.70 0.00	32.78 -0.77 0.00	38.46 -1.31 0.00	33.46 -0.55 0.00	29.55 -0.24 0.00	29.64 -0.33 0.00	27.87 -0.40 0.00	27.54 -0.11 0.00	27.61 -0.06 0.00	28.20 -0.43 0.00	30.31 -0.37 0.00	39.94 0.28 0.00	45.53 -0.27 0.00	42.27 0.13 0.00	37.63 -0.04 0.00	34.29 -0.07 0.00	33.46 -0.34 0.00	30.52 -0.06 0.00	29.41 -0.21 0.00
SYRACUSE___ENERGY_ST1 323597	26.94 -0.08 0.00	24.67 -0.12 0.00	23.63 -0.14 0.00	23.38 -0.16 0.00	23.88 -0.14 0.00	26.93 -0.14 0.00	33.35 -0.20 0.00	39.50 -0.28 0.00	33.73 -0.27 0.00	29.49 -0.30 0.00	29.64 -0.33 0.00	27.96 -0.31 0.00	27.32 -0.33 0.00	27.34 -0.33 0.00	28.26 -0.37 0.00	30.31 -0.37 0.00	39.46 -0.20 0.00	45.72 -0.09 0.00	41.97 -0.17 0.00	37.48 -0.19 0.00	34.22 -0.14 0.00	33.53 -0.27 0.00	30.27 -0.31 0.00	29.29 -0.33 0.00
SYRACUSE___ENERGY_ST2 323598	26.94 -0.08 0.00	24.67 -0.12 0.00	23.63 -0.14 0.00	23.38 -0.16 0.00	23.88 -0.14 0.00	26.93 -0.14 0.00	33.35 -0.20 0.00	39.50 -0.28 0.00	33.73 -0.27 0.00	29.49 -0.30 0.00	29.64 -0.33 0.00	27.96 -0.31 0.00	27.32 -0.33 0.00	27.34 -0.33 0.00	28.26 -0.37 0.00	30.31 -0.37 0.00	39.46 -0.20 0.00	45.72 -0.09 0.00	41.97 -0.17 0.00	37.48 -0.19 0.00	34.22 -0.14 0.00	33.53 -0.27 0.00	30.27 -0.31 0.00	29.29 -0.33 0.00



SYRACUSE___POWER 24017	26.91 -0.11 0.00	24.67 -0.12 0.00	23.61 -0.17 0.00	23.38 -0.16 0.00	23.88 -0.14 0.00	26.93 -0.14 0.00	33.35 -0.20 0.00	39.50 -0.28 0.00	33.73 -0.27 0.00	29.49 -0.30 0.00	29.64 -0.33 0.00	27.99 -0.28 0.00	27.34 -0.30 0.00	27.36 -0.30 0.00	28.29 -0.34 0.00	30.34 -0.34 0.00	39.50 -0.16 0.00	45.76 -0.05 0.00	41.97 -0.17 0.00	37.48 -0.19 0.00	34.22 -0.14 0.00	33.50 -0.30 0.00	30.24 -0.34 0.00	29.26 -0.36 0.00
TALLMAN___138KV_BK151 55660	28.10 1.08 0.00	25.78 0.99 0.00	24.75 0.97 0.00	24.58 1.04 0.00	25.03 1.01 0.00	28.18 1.11 0.00	35.16 1.61 0.00	42.52 2.74 0.00	35.97 1.97 0.00	31.40 1.61 0.00	31.47 1.50 0.00	29.65 1.39 0.00	28.92 1.27 0.00	28.89 1.22 0.00	29.92 1.29 0.00	32.06 1.38 0.00	41.84 2.18 0.00	48.83 3.02 0.00	44.41 2.28 0.00	39.74 2.07 0.00	36.14 1.79 0.00	35.25 1.45 0.00	31.80 1.22 0.00	30.86 1.24 0.00
TEALLAVE_115KV_TB7 355573	26.78 -0.24 0.00	24.54 -0.25 0.00	23.51 -0.26 0.00	23.29 -0.26 0.00	23.78 -0.24 0.00	26.80 -0.27 0.00	33.15 -0.40 0.00	39.26 -0.52 0.00	33.53 -0.48 0.00	29.31 -0.48 0.00	29.49 -0.48 0.00	27.84 -0.42 0.00	27.20 -0.44 0.00	27.23 -0.44 0.00	28.15 -0.49 0.00	30.16 -0.52 0.00	39.22 -0.44 0.00	45.44 -0.37 0.00	41.68 -0.46 0.00	37.21 -0.45 0.00	33.98 -0.38 0.00	33.26 -0.54 0.00	30.03 -0.55 0.00	29.09 -0.53 0.00
TELGRAPH_34_KV_EAST 80808	26.07 -0.95 0.00	23.83 -0.97 0.00	22.70 -1.07 0.00	22.37 -1.18 0.00	22.94 -1.08 0.00	25.80 -1.27 0.00	32.11 -1.44 0.00	36.95 -2.82 0.00	32.40 -1.60 0.00	28.63 -1.16 0.00	28.80 -1.17 0.00	27.14 -1.13 0.00	26.51 -1.13 0.00	26.64 -1.02 0.00	27.46 -1.17 0.00	29.36 -1.32 0.00	38.55 -1.11 0.00	44.16 -1.65 0.00	40.66 -1.47 0.00	36.16 -1.51 0.00	33.09 -1.27 0.00	32.48 -1.32 0.00	29.48 -1.10 0.00	28.73 -0.89 0.00
TEMPLE___115KV_TB 2 55572	26.80 -0.22 0.00	24.54 -0.25 0.00	23.51 -0.26 0.00	23.29 -0.26 0.00	23.78 -0.24 0.00	26.82 -0.24 0.00	33.18 -0.37 0.00	39.26 -0.52 0.00	33.53 -0.48 0.00	29.34 -0.45 0.00	29.52 -0.45 0.00	27.87 -0.40 0.00	27.23 -0.41 0.00	27.25 -0.42 0.00	28.15 -0.49 0.00	30.16 -0.52 0.00	39.26 -0.40 0.00	45.49 -0.32 0.00	41.72 -0.42 0.00	37.25 -0.41 0.00	33.98 -0.38 0.00	33.29 -0.51 0.00	30.06 -0.52 0.00	29.12 -0.50 0.00
TIANA___69_KV_BK 1 55817	36.94 2.57 -7.35	31.77 2.38 -4.60	25.44 1.66 0.00	25.27 1.72 0.00	25.75 1.73 0.00	28.99 1.92 0.00	37.90 2.92 -1.42	44.15 4.38 0.00	39.46 3.37 -2.09	32.23 2.44 0.00	36.24 3.15 -3.12	33.13 2.86 -2.01	29.44 1.80 0.00	29.55 1.88 0.00	30.81 2.18 0.00	35.56 2.55 -2.33	46.12 3.97 -2.50	61.40 5.18 -10.41	54.11 4.21 -7.76	50.92 3.80 -9.45	45.20 3.30 -7.54	40.26 3.01 -3.45	36.19 2.48 -3.14	34.01 2.58 -1.81
TILDEN___115KV_TB1 80814	26.91 -0.11 0.00	24.67 -0.12 0.00	23.61 -0.17 0.00	23.38 -0.16 0.00	23.88 -0.14 0.00	26.93 -0.14 0.00	33.35 -0.20 0.00	39.50 -0.28 0.00	33.73 -0.27 0.00	29.49 -0.30 0.00	29.64 -0.33 0.00	27.99 -0.28 0.00	27.34 -0.30 0.00	27.36 -0.30 0.00	28.29 -0.34 0.00	30.34 -0.34 0.00	39.50 -0.16 0.00	45.76 -0.05 0.00	41.97 -0.17 0.00	37.48 -0.19 0.00	34.22 -0.14 0.00	33.50 -0.30 0.00	30.24 -0.34 0.00	29.26 -0.36 0.00
TRIGEN___CC 323695	35.98 1.65 -7.31	30.90 1.51 -4.60	25.15 1.38 0.00	24.98 1.44 0.00	25.44 1.42 0.00	28.67 1.60 0.00	37.33 2.35 -1.42	43.39 3.62 0.00	38.88 2.79 -2.09	32.02 2.23 0.00	35.28 2.19 -3.12	32.31 2.04 -2.01	29.39 1.74 0.00	29.44 1.77 0.00	30.55 1.92 0.00	35.16 2.15 -2.33	45.37 3.21 -2.50	60.43 4.21 -10.41	53.23 3.33 -7.76	50.17 3.05 -9.45	44.54 2.65 -7.54	39.55 2.30 -3.45	35.67 1.96 -3.14	33.38 1.95 -1.81
TRINITY___115KV___ 4 BK 55933	27.29 0.27 0.00	25.09 0.30 0.00	24.18 0.40 0.00	23.97 0.42 0.00	24.46 0.43 0.00	27.45 0.38 0.00	34.16 0.60 0.00	41.01 1.23 0.00	34.78 0.78 0.00	30.20 0.42 0.00	30.36 0.39 0.00	28.66 0.40 0.00	28.12 0.47 0.00	28.14 0.47 0.00	29.09 0.46 0.00	31.23 0.55 0.00	40.57 0.91 0.00	47.27 1.47 0.00	43.15 1.01 0.00	38.53 0.87 0.00	35.22 0.86 0.00	34.44 0.64 0.00	31.01 0.43 0.00	30.00 0.39 0.00
UNION___PROCESSING_DRP 323587	26.34 -0.68 0.00	24.10 -0.69 0.00	22.99 -0.78 0.00	22.72 -0.82 0.00	23.28 -0.74 0.00	26.20 -0.87 0.00	32.61 -0.94 0.00	38.14 -1.63 0.00	33.05 -0.95 0.00	29.04 -0.74 0.00	29.22 -0.75 0.00	27.53 -0.73 0.00	26.93 -0.72 0.00	27.00 -0.66 0.00	27.86 -0.77 0.00	29.85 -0.83 0.00	39.06 -0.59 0.00	44.89 -0.92 0.00	41.30 -0.84 0.00	36.80 -0.87 0.00	33.64 -0.72 0.00	32.99 -0.81 0.00	29.82 -0.76 0.00	28.94 -0.68 0.00
UPPER HUDSON___HYD 24058	28.26 1.24 0.00	25.96 1.17 0.00	24.94 1.16 0.00	24.72 1.18 0.00	25.25 1.22 0.00	28.47 1.41 0.00	35.70 2.15 0.00	42.68 2.90 0.00	36.15 2.14 0.00	31.28 1.49 0.00	31.38 1.41 0.00	29.51 1.24 0.00	28.84 1.19 0.00	28.88 1.22 0.00	30.03 1.40 0.00	31.57 0.89 0.00	41.20 1.55 0.00	47.78 1.97 0.00	43.95 1.81 0.00	39.13 1.47 0.00	35.59 1.24 0.00	34.78 0.98 0.00	31.28 0.70 0.00	31.10 1.48 0.00
UPPER RAQUET___HYD 24056	26.37 -0.65 0.00	24.20 -0.60 0.00	23.18 -0.59 0.00	22.93 -0.61 0.00	23.35 -0.67 0.00	26.39 -0.68 0.00	32.58 -0.97 0.00	38.26 -1.51 0.00	33.02 -0.99 0.00	29.16 -0.63 0.00	29.40 -0.57 0.00	27.70 -0.57 0.00	27.09 -0.55 0.00	27.17 -0.50 0.00	28.20 -0.43 0.00	30.07 -0.61 0.00	38.47 -1.19 0.00	44.57 -1.23 0.00	41.00 -1.14 0.00	36.65 -1.02 0.00	33.70 -0.65 0.00	33.23 -0.57 0.00	30.21 -0.37 0.00	29.18 -0.44 0.00
VALLEY44_115KV_TB2 355964	27.13 0.11 0.00	24.79 0.00 0.00	23.61 -0.17 0.00	23.29 -0.26 0.00	23.86 -0.17 0.00	26.82 -0.24 0.00	33.52 -0.03 0.00	38.82 -0.95 0.00	33.76 -0.24 0.00	29.70 -0.09 0.00	29.97 0.00 0.00	28.27 0.00 0.00	27.59 -0.06 0.00	27.70 0.03 0.00	28.43 -0.20 0.00	30.34 -0.34 0.00	39.77 0.12 0.00	45.76 -0.05 0.00	41.89 -0.25 0.00	37.25 -0.41 0.00	34.15 -0.21 0.00	33.46 -0.34 0.00	30.49 -0.09 0.00	29.86 0.24 0.00
VALLEY___115KV_TB 1-4 80826	27.42 0.41 0.00	25.14 0.35 0.00	24.10 0.33 0.00	23.88 0.33 0.00	24.36 0.34 0.00	27.53 0.46 0.00	34.22 0.67 0.00	40.77 0.99 0.00	34.78 0.78 0.00	30.41 0.63 0.00	30.57 0.60 0.00	28.81 0.54 0.00	28.14 0.50 0.00	28.17 0.50 0.00	29.15 0.52 0.00	31.33 0.64 0.00	40.65 0.99 0.00	47.00 1.19 0.00	43.15 1.01 0.00	38.57 0.90 0.00	35.18 0.82 0.00	34.51 0.71 0.00	31.13 0.55 0.00	30.15 0.53 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	28.91 1.89 0.00	26.48 1.69 0.00	25.36 1.59 0.00	25.12 1.58 0.00	25.63 1.61 0.00	28.99 1.92 0.00	36.17 2.62 0.00	43.31 3.54 0.00	36.72 2.72 0.00	31.90 2.11 0.00	32.01 2.04 0.00	30.13 1.87 0.00	29.36 1.71 0.00	29.36 1.69 0.00	30.44 1.80 0.00	32.80 2.12 0.00	42.91 3.25 0.00	49.84 4.03 0.00	45.64 3.50 0.00	40.87 3.20 0.00	37.24 2.89 0.00	36.37 2.57 0.00	32.75 2.17 0.00	31.69 2.07 0.00



VISCHER___FERRY HYD 24020	27.72 0.70 0.00	25.46 0.67 0.00	24.46 0.69 0.00	24.25 0.71 0.00	24.77 0.75 0.00	27.91 0.84 0.00	34.83 1.27 0.00	41.72 1.95 0.00	35.33 1.32 0.00	30.65 0.86 0.00	30.81 0.84 0.00	29.06 0.79 0.00	28.42 0.77 0.00	28.47 0.80 0.00	29.58 0.94 0.00	31.69 1.01 0.00	41.16 1.51 0.00	47.64 1.83 0.00	43.83 1.69 0.00	39.13 1.47 0.00	35.53 1.17 0.00	34.88 1.08 0.00	31.43 0.86 0.00	30.54 0.92 0.00
V_A_10_SYNC_DSASP 323832	25.67 -1.35 0.00	23.45 -1.34 0.00	22.37 -1.40 0.00	22.11 -1.44 0.00	22.66 -1.37 0.00	25.42 -1.65 0.00	31.50 -2.05 0.00	36.91 -2.86 0.00	32.13 -1.87 0.00	28.45 -1.34 0.00	28.65 -1.32 0.00	27.00 -1.27 0.00	26.65 -0.99 0.00	26.67 -0.99 0.00	27.26 -1.37 0.00	29.21 -1.47 0.00	38.27 -1.39 0.00	43.56 -2.24 0.00	40.41 -1.73 0.00	35.97 -1.69 0.00	32.85 -1.51 0.00	32.11 -1.69 0.00	29.32 -1.26 0.00	28.38 -1.24 0.00
V_CMM_10_SYNC_DSASP 323787	26.91 -0.11 0.00	24.69 -0.10 0.00	23.68 -0.09 0.00	23.43 -0.12 0.00	23.86 -0.17 0.00	26.91 -0.16 0.00	33.25 -0.30 0.00	38.98 -0.80 0.00	33.66 -0.34 0.00	29.64 -0.15 0.00	29.88 -0.09 0.00	28.21 -0.06 0.00	27.59 -0.06 0.00	27.64 -0.03 0.00	28.66 0.03 0.00	30.62 -0.06 0.00	39.10 -0.56 0.00	45.26 -0.55 0.00	41.64 -0.50 0.00	37.18 -0.49 0.00	34.19 -0.17 0.00	33.77 -0.03 0.00	30.61 0.03 0.00	29.65 0.03 0.00
V_CMP_10_SYNC_DSASP 323788	27.05 0.03 0.00	24.74 -0.05 0.00	23.70 -0.07 0.00	23.41 -0.14 0.00	23.86 -0.17 0.00	26.93 -0.13 0.00	33.39 -0.17 0.00	39.14 -0.64 0.00	33.77 -0.24 0.00	29.67 -0.12 0.00	30.42 0.45 0.00	28.69 0.42 0.00	28.15 0.50 0.00	28.28 0.61 0.00	29.38 0.74 0.00	31.51 0.83 0.00	40.45 0.79 0.00	46.86 1.05 0.00	43.11 0.97 0.00	38.49 0.83 0.00	35.36 1.00 0.00	34.85 1.05 0.00	31.59 1.01 0.00	30.57 0.95 0.00
V_D_10_SYNC_DSASP 323841	27.07 0.05 0.00	24.84 0.05 0.00	23.82 0.05 0.00	23.57 0.02 0.00	24.00 -0.02 0.00	27.07 0.00 0.00	33.39 -0.17 0.00	39.14 -0.64 0.00	33.77 -0.24 0.00	29.82 0.03 0.00	30.06 0.09 0.00	28.38 0.11 0.00	27.76 0.11 0.00	27.81 0.14 0.00	28.83 0.20 0.00	30.71 0.03 0.00	39.26 -0.40 0.00	45.44 -0.37 0.00	41.80 -0.34 0.00	37.36 -0.30 0.00	34.36 0.00 0.00	33.90 0.10 0.00	30.82 0.24 0.00	29.85 0.24 0.00
V_E_10_SYNC_DSASP 323830	29.88 2.86 0.00	27.32 2.53 0.00	26.10 2.33 0.00	25.88 2.33 0.00	26.50 2.48 0.00	30.15 3.08 0.00	37.64 4.09 0.00	45.11 5.33 0.00	37.95 3.94 0.00	32.83 3.04 0.00	32.85 2.88 0.00	30.87 2.60 0.00	30.05 2.40 0.00	30.21 2.54 0.00	31.32 2.69 0.00	34.03 3.34 0.00	45.09 5.43 0.00	52.08 6.28 0.00	48.25 6.11 0.00	43.01 5.35 0.00	38.93 4.57 0.00	37.99 4.19 0.00	34.34 3.76 0.00	33.08 3.46 0.00
V_F_30_NSYNC___DSASP 323816	28.15 1.13 0.00	25.86 1.07 0.00	24.84 1.07 0.00	24.63 1.08 0.00	25.15 1.13 0.00	28.34 1.27 0.00	35.43 1.88 0.00	42.36 2.58 0.00	35.87 1.87 0.00	31.10 1.31 0.00	31.23 1.26 0.00	29.43 1.16 0.00	28.75 1.11 0.00	28.80 1.13 0.00	29.92 1.29 0.00	31.97 1.29 0.00	41.64 1.98 0.00	48.23 2.43 0.00	44.33 2.19 0.00	39.55 1.88 0.00	35.94 1.58 0.00	35.22 1.42 0.00	31.74 1.16 0.00	30.98 1.36 0.00
V_F_30_SYNC_DSASP 323786	27.37 0.35 0.00	25.16 0.37 0.00	24.25 0.48 0.00	24.04 0.49 0.00	24.55 0.53 0.00	27.53 0.46 0.00	34.29 0.74 0.00	41.13 1.35 0.00	34.92 0.92 0.00	30.29 0.51 0.00	30.45 0.48 0.00	28.75 0.48 0.00	28.20 0.55 0.00	28.25 0.58 0.00	29.18 0.54 0.00	31.33 0.64 0.00	40.73 1.07 0.00	47.46 1.65 0.00	43.32 1.18 0.00	38.68 1.02 0.00	35.35 1.00 0.00	34.54 0.74 0.00	31.10 0.52 0.00	30.09 0.47 0.00
V_XM_10_SYNC_DSASP 323789	27.05 0.03 0.00	24.74 -0.05 0.00	23.70 -0.07 0.00	23.41 -0.14 0.00	23.86 -0.17 0.00	26.93 -0.13 0.00	33.39 -0.17 0.00	39.14 -0.64 0.00	33.77 -0.24 0.00	29.67 -0.12 0.00	30.42 0.45 0.00	28.69 0.42 0.00	28.15 0.50 0.00	28.28 0.61 0.00	29.38 0.74 0.00	31.51 0.83 0.00	40.45 0.79 0.00	46.86 1.05 0.00	43.11 0.97 0.00	38.49 0.83 0.00	35.36 1.00 0.00	34.85 1.05 0.00	31.59 1.01 0.00	30.57 0.95 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	28.18 1.16 0.00	25.86 1.07 0.00	24.84 1.07 0.00	24.65 1.11 0.00	25.11 1.08 0.00	28.26 1.19 0.00	35.30 1.74 0.00	42.64 2.86 0.00	36.08 2.07 0.00	31.52 1.73 0.00	31.56 1.59 0.00	29.74 1.47 0.00	28.97 1.33 0.00	28.97 1.30 0.00	30.01 1.37 0.00	32.15 1.47 0.00	41.96 2.30 0.00	49.01 3.21 0.00	44.54 2.40 0.00	39.89 2.22 0.00	36.25 1.89 0.00	35.39 1.59 0.00	31.89 1.31 0.00	30.95 1.33 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	28.29 1.27 0.00	25.96 1.17 0.00	24.94 1.16 0.00	24.77 1.22 0.00	25.20 1.18 0.00	28.37 1.30 0.00	35.43 1.88 0.00	42.96 3.18 0.00	36.35 2.35 0.00	31.78 2.00 0.00	31.80 1.83 0.00	29.96 1.70 0.00	29.20 1.55 0.00	29.19 1.52 0.00	30.24 1.60 0.00	32.43 1.75 0.00	42.35 2.70 0.00	49.43 3.62 0.00	44.88 2.74 0.00	40.19 2.52 0.00	36.49 2.13 0.00	35.59 1.79 0.00	32.08 1.50 0.00	31.16 1.54 0.00
W50THST__13_KV_LOAD 356117	28.40 1.38 0.00	26.08 1.29 0.00	25.06 1.28 0.00	24.89 1.34 0.00	25.32 1.30 0.00	28.50 1.43 0.00	35.63 2.08 0.00	43.19 3.42 0.00	36.59 2.58 0.00	31.99 2.20 0.00	31.98 2.01 0.00	30.13 1.87 0.00	29.39 1.74 0.00	29.38 1.72 0.00	30.44 1.80 0.00	32.61 1.93 0.00	42.63 2.97 0.00	49.70 3.89 0.00	45.13 2.99 0.00	40.42 2.75 0.00	36.66 2.30 0.00	35.79 1.99 0.00	32.23 1.65 0.00	31.34 1.72 0.00
WADING RIVER_IC_1 23522	36.56 2.19 -7.35	31.42 2.03 -4.60	25.10 1.33 0.00	24.94 1.39 0.00	25.42 1.39 0.00	28.58 1.51 0.00	37.42 2.45 -1.42	43.36 3.58 0.00	38.81 2.72 -2.09	31.81 2.03 0.00	35.91 2.82 -3.12	32.85 2.57 -2.01	29.06 1.41 0.00	29.16 1.49 0.00	30.44 1.80 0.00	35.16 2.15 -2.33	45.52 3.37 -2.50	60.25 4.03 -10.41	53.39 3.50 -7.76	50.32 3.20 -9.45	44.40 2.51 -7.54	39.62 2.37 -3.45	35.73 2.02 -3.14	33.59 2.16 -1.81
WADING RIVER_IC_2 23547	36.56 2.19 -7.35	31.42 2.03 -4.60	25.10 1.33 0.00	24.94 1.39 0.00	25.42 1.39 0.00	28.58 1.51 0.00	37.42 2.45 -1.42	43.36 3.58 0.00	38.81 2.72 -2.09	31.81 2.03 0.00	35.91 2.82 -3.12	32.85 2.57 -2.01	29.06 1.41 0.00	29.16 1.49 0.00	30.44 1.80 0.00	35.16 2.15 -2.33	45.52 3.37 -2.50	60.25 4.03 -10.41	53.39 3.50 -7.76	50.32 3.20 -9.45	44.40 2.51 -7.54	39.62 2.37 -3.45	35.73 2.02 -3.14	33.59 2.16 -1.81
WADING RIVER_IC_3 23601	36.56 2.19 -7.35	31.42 2.03 -4.60	25.10 1.33 0.00	24.94 1.39 0.00	25.42 1.39 0.00	28.58 1.51 0.00	37.42 2.45 -1.42	43.36 3.58 0.00	38.81 2.72 -2.09	31.81 2.03 0.00	35.91 2.82 -3.12	32.85 2.57 -2.01	29.06 1.41 0.00	29.16 1.49 0.00	30.44 1.80 0.00	35.16 2.15 -2.33	45.52 3.37 -2.50	60.25 4.03 -10.41	53.39 3.50 -7.76	50.32 3.20 -9.45	44.40 2.51 -7.54	39.62 2.37 -3.45	35.73 2.02 -3.14	33.59 2.16 -1.81



WALDENNY_12_KV_BK2 80841	26.32 -0.70 0.00	24.05 -0.74 0.00	22.89 -0.88 0.00	22.56 -0.99 0.00	23.14 -0.89 0.00	26.01 -1.06 0.00	32.41 -1.14 0.00	37.43 -2.35 0.00	32.81 -1.19 0.00	28.98 -0.80 0.00	29.22 -0.75 0.00	27.56 -0.71 0.00	26.93 -0.72 0.00	27.03 -0.64 0.00	27.83 -0.80 0.00	29.73 -0.95 0.00	38.98 -0.67 0.00	44.57 -1.24 0.00	40.96 -1.18 0.00	36.42 -1.24 0.00	33.36 -1.00 0.00	32.72 -1.08 0.00	29.78 -0.80 0.00	29.09 -0.53 0.00
WALDEN___HYDRO 24148	28.07 1.05 0.00	25.79 0.99 0.00	24.75 0.98 0.00	24.56 1.01 0.00	25.01 0.99 0.00	28.18 1.11 0.00	35.23 1.68 0.00	42.40 2.62 0.00	35.80 1.80 0.00	31.28 1.49 0.00	31.35 1.38 0.00	29.51 1.24 0.00	28.75 1.11 0.00	28.72 1.05 0.00	29.81 1.17 0.00	31.97 1.29 0.00	41.80 2.14 0.00	48.46 2.66 0.00	44.46 2.32 0.00	39.74 2.07 0.00	35.87 1.51 0.00	35.19 1.39 0.00	31.80 1.22 0.00	30.86 1.24 0.00
WARRENSBURG___ 23737	28.26 1.24 0.00	25.96 1.17 0.00	24.94 1.16 0.00	24.72 1.18 0.00	25.25 1.22 0.00	28.47 1.41 0.00	35.70 2.15 0.00	42.68 2.90 0.00	36.15 2.14 0.00	31.28 1.49 0.00	31.38 1.41 0.00	29.51 1.24 0.00	28.84 1.19 0.00	28.88 1.22 0.00	30.03 1.40 0.00	31.57 0.89 0.00	41.20 1.55 0.00	47.78 1.97 0.00	43.95 1.81 0.00	39.13 1.47 0.00	35.59 1.24 0.00	34.78 0.98 0.00	31.28 0.70 0.00	31.10 1.48 0.00
WATERSIDE___6 8 9 23538	28.40 1.38 0.00	26.06 1.26 0.00	25.08 1.31 0.00	24.92 1.37 -0.01	25.32 1.30 0.00	28.42 1.35 0.00	35.40 1.85 0.00	42.84 3.06 0.00	36.31 2.31 0.00	31.75 1.97 0.00	31.74 1.77 0.00	29.94 1.67 0.00	29.17 1.52 0.00	29.16 1.49 0.00	30.21 1.57 0.00	32.40 1.72 0.00	42.31 2.66 0.00	49.38 3.57 0.00	44.84 2.70 0.00	40.15 2.49 0.00	36.42 2.06 0.00	35.56 1.76 0.00	32.14 1.56 0.00	31.28 1.66 0.00
WATKINRD_115KV_LN8_ILLION 55919	27.37 0.35 0.00	25.09 0.30 0.00	24.06 0.29 0.00	23.83 0.28 0.00	24.31 0.29 0.00	27.45 0.38 0.00	34.09 0.54 0.00	40.65 0.88 0.00	34.65 0.65 0.00	30.26 0.48 0.00	30.45 0.48 0.00	28.69 0.42 0.00	28.03 0.39 0.00	28.06 0.39 0.00	29.03 0.40 0.00	31.17 0.49 0.00	40.49 0.83 0.00	46.86 1.05 0.00	42.98 0.84 0.00	38.46 0.79 0.00	35.05 0.69 0.00	34.37 0.57 0.00	31.04 0.46 0.00	30.03 0.41 0.00
WATSON___69_KV_BK 1 55734	36.88 2.54 -7.33	31.80 2.40 -4.60	25.82 2.04 0.00	25.64 2.10 0.00	26.14 2.11 0.00	29.48 2.41 0.00	38.50 3.52 -1.42	44.75 4.97 0.00	40.00 3.91 -2.09	32.74 2.95 0.00	36.21 3.12 -3.12	33.19 2.91 -2.01	29.97 2.32 0.00	30.10 2.43 0.00	31.35 2.72 0.00	36.11 3.10 -2.33	46.83 4.68 -2.50	62.18 5.96 -10.41	54.83 4.93 -7.76	51.52 4.41 -9.45	45.75 3.85 -7.54	40.77 3.52 -3.45	36.68 2.97 -3.14	34.36 2.93 -1.81
WDELAWARE___HYD 323627	28.40 1.38 0.00	26.06 1.26 0.00	24.98 1.21 0.00	24.79 1.25 0.00	25.27 1.25 0.00	28.50 1.43 0.00	35.63 2.08 0.00	42.76 2.98 0.00	36.08 2.07 0.00	31.51 1.73 0.00	31.53 1.56 0.00	29.65 1.38 0.00	28.86 1.22 0.00	28.80 1.13 0.00	29.92 1.29 0.00	32.15 1.47 0.00	42.16 2.50 0.00	48.92 3.12 0.00	44.92 2.78 0.00	40.15 2.49 0.00	36.25 1.89 0.00	35.56 1.76 0.00	32.14 1.56 0.00	31.16 1.54 0.00
WEST BABYLON___IC 23714	36.66 2.32 -7.31	31.57 2.18 -4.60	25.65 1.88 0.00	25.45 1.91 0.00	25.97 1.95 0.00	29.26 2.19 0.00	38.20 3.22 -1.42	44.43 4.65 0.00	39.73 3.64 -2.09	32.59 2.80 0.00	36.03 2.94 -3.12	32.99 2.71 -2.01	29.86 2.21 0.00	29.97 2.30 0.00	31.18 2.55 0.00	35.90 2.88 -2.33	46.40 4.24 -2.50	61.63 5.41 -10.41	54.32 4.42 -7.76	51.15 4.03 -9.45	45.40 3.50 -7.54	40.50 3.24 -3.45	36.44 2.72 -3.14	34.12 2.70 -1.81
WEST CANADA___HYD 24049	27.13 0.11 0.00	24.89 0.10 0.00	23.89 0.12 0.00	23.67 0.12 0.00	24.15 0.12 0.00	27.20 0.14 0.00	33.79 0.24 0.00	40.21 0.44 0.00	34.27 0.27 0.00	29.97 0.18 0.00	30.15 0.18 0.00	28.41 0.14 0.00	27.79 0.14 0.00	27.78 0.11 0.00	28.78 0.14 0.00	30.87 0.19 0.00	40.05 0.40 0.00	46.27 0.46 0.00	42.52 0.38 0.00	38.00 0.34 0.00	34.60 0.24 0.00	34.00 0.20 0.00	30.73 0.15 0.00	29.77 0.15 0.00
WESTERN_NY_WIND 24143	26.50 -0.51 0.00	24.17 -0.62 0.00	23.06 -0.71 0.00	22.72 -0.82 0.00	23.30 -0.72 0.00	26.26 -0.81 0.00	32.75 -0.81 0.00	37.94 -1.83 0.00	33.15 -0.85 0.00	29.19 -0.60 0.00	29.31 -0.66 0.00	27.59 -0.68 0.00	26.96 -0.69 0.00	27.09 -0.58 0.00	27.95 -0.69 0.00	29.95 -0.74 0.00	39.34 -0.32 0.00	45.08 -0.73 0.00	41.55 -0.59 0.00	36.95 -0.72 0.00	33.77 -0.58 0.00	33.12 -0.68 0.00	30.00 -0.58 0.00	29.17 -0.44 0.00
WESTOVER___LESR 323668	27.45 0.43 0.00	25.14 0.35 0.00	24.06 0.29 0.00	23.83 0.28 0.00	24.34 0.31 0.00	27.45 0.38 0.00	34.12 0.57 0.00	40.41 0.64 0.00	34.51 0.51 0.00	30.18 0.39 0.00	30.33 0.36 0.00	28.58 0.31 0.00	27.92 0.28 0.00	27.95 0.28 0.00	28.89 0.26 0.00	30.99 0.31 0.00	40.45 0.79 0.00	46.91 1.10 0.00	42.94 0.80 0.00	38.34 0.68 0.00	35.01 0.65 0.00	34.27 0.47 0.00	30.98 0.40 0.00	30.06 0.44 0.00
WETHRSFD_WT_PWR 323626	26.42 -0.59 0.00	24.12 -0.67 0.00	22.99 -0.78 0.00	22.70 -0.85 0.00	23.23 -0.79 0.00	26.12 -0.95 0.00	32.48 -1.08 0.00	38.10 -1.67 0.00	33.09 -0.92 0.00	29.28 -0.51 0.00	29.49 -0.48 0.00	27.79 -0.48 0.00	27.42 -0.22 0.00	27.53 -0.14 0.00	28.15 -0.49 0.00	30.19 -0.49 0.00	39.66 0.00 0.00	45.17 -0.64 0.00	41.89 -0.25 0.00	37.29 -0.38 0.00	33.98 -0.38 0.00	33.19 -0.61 0.00	30.37 -0.21 0.00	29.41 -0.21 0.00
WHAVSTOR_138KV_BK127 55557	28.07 1.05 0.00	25.78 0.99 0.00	24.75 0.97 0.00	24.56 1.01 0.00	25.01 0.98 0.00	28.18 1.11 0.00	35.16 1.61 0.00	42.48 2.70 0.00	35.97 1.97 0.00	31.40 1.61 0.00	31.47 1.50 0.00	29.65 1.39 0.00	28.89 1.24 0.00	28.89 1.22 0.00	29.89 1.26 0.00	32.03 1.35 0.00	41.84 2.18 0.00	48.83 3.02 0.00	44.37 2.23 0.00	39.74 2.07 0.00	36.11 1.75 0.00	35.25 1.45 0.00	31.80 1.22 0.00	30.86 1.24 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	28.07 1.05 0.00	25.78 0.99 0.00	24.75 0.97 0.00	24.56 1.01 0.00	25.01 0.98 0.00	28.18 1.11 0.00	35.16 1.61 0.00	42.48 2.70 0.00	35.97 1.97 0.00	31.40 1.61 0.00	31.47 1.50 0.00	29.65 1.39 0.00	28.89 1.24 0.00	28.89 1.22 0.00	29.89 1.26 0.00	32.03 1.35 0.00	41.84 2.18 0.00	48.83 3.02 0.00	44.37 2.23 0.00	39.74 2.07 0.00	36.11 1.75 0.00	35.25 1.45 0.00	31.80 1.22 0.00	30.86 1.24 0.00
WHITEHAL_115KV_TB1 80871	28.80 1.78 0.00	26.43 1.64 0.00	25.39 1.62 0.00	25.17 1.62 0.00	25.78 1.75 0.00	29.02 1.95 0.00	36.47 2.92 0.00	43.59 3.82 0.00	36.96 2.96 0.00	31.81 2.03 0.00	31.89 1.92 0.00	29.96 1.70 0.00	29.33 1.69 0.00	29.41 1.74 0.00	30.55 1.92 0.00	32.98 2.30 0.00	43.26 3.61 0.00	50.57 4.76 0.00	46.23 4.09 0.00	41.09 3.43 0.00	37.62 3.26 0.00	36.54 2.74 0.00	32.75 2.17 0.00	31.66 2.04 0.00



WHITEPLN_13_KV_LOAD 356215	28.40 1.38 0.00	26.11 1.31 0.00	25.06 1.28 0.00	24.89 1.34 0.00	25.32 1.30 0.00	28.48 1.41 0.00	35.63 2.08 0.00	43.19 3.42 0.00	36.59 2.58 0.00	31.93 2.14 0.00	31.98 2.01 0.00	30.11 1.84 0.00	29.36 1.71 0.00	29.36 1.69 0.00	30.41 1.78 0.00	32.58 1.90 0.00	42.63 2.97 0.00	49.75 3.94 0.00	45.26 3.12 0.00	40.49 2.82 0.00	36.76 2.41 0.00	35.86 2.06 0.00	32.26 1.68 0.00	31.34 1.72 0.00
WM_FLOYD_69_KV_BK2 356380	36.72 2.35 -7.35	31.57 2.18 -4.60	25.32 1.55 0.00	25.15 1.60 0.00	25.63 1.61 0.00	28.83 1.76 0.00	37.69 2.72 -1.42	43.91 4.14 0.00	39.25 3.16 -2.09	32.08 2.29 0.00	36.00 2.91 -3.12	32.94 2.66 -2.01	29.33 1.69 0.00	29.44 1.77 0.00	30.67 2.03 0.00	35.40 2.39 -2.33	45.92 3.77 -2.50	61.12 4.90 -10.41	53.86 3.96 -7.76	50.70 3.58 -9.45	44.99 3.09 -7.54	40.06 2.81 -3.45	36.01 2.29 -3.14	33.83 2.40 -1.81
WOODARD__115KV_TB2 355635	26.69 -0.32 0.00	24.47 -0.32 0.00	23.44 -0.33 0.00	23.22 -0.33 0.00	23.71 -0.31 0.00	26.74 -0.32 0.00	33.08 -0.47 0.00	39.18 -0.60 0.00	33.46 -0.54 0.00	29.25 -0.54 0.00	29.43 -0.54 0.00	27.79 -0.48 0.00	27.15 -0.50 0.00	27.17 -0.50 0.00	28.06 -0.57 0.00	30.10 -0.58 0.00	39.14 -0.52 0.00	45.35 -0.46 0.00	41.59 -0.55 0.00	37.14 -0.53 0.00	33.91 -0.45 0.00	33.23 -0.57 0.00	30.00 -0.58 0.00	29.03 -0.59 0.00
YORK___WARBASSE 23770	28.80 1.78 0.00	26.43 1.64 0.00	25.41 1.64 0.00	25.25 1.70 -0.01	25.66 1.63 0.00	28.77 1.71 0.00	35.67 2.11 0.00	42.88 3.10 0.00	36.21 2.21 0.00	31.72 1.94 0.00	31.56 1.59 0.00	29.74 1.47 0.00	28.97 1.33 0.00	28.97 1.30 0.00	30.01 1.37 0.00	32.22 1.53 0.00	42.35 2.70 0.00	49.61 3.80 0.00	45.06 2.91 -0.01	40.38 2.71 0.00	36.42 2.06 0.00	35.66 1.86 0.00	32.45 1.87 0.00	31.63 2.01 0.00